Torres Rojas, Genara FOI #14799

From: yuberquis@campbellesq.net
Sent: Friday, March 28, 2014 9:56 AM
To: Duffy, Daniel
Cc: Torres Rojas, Genara; Van Duyne, Sheree; American, Heavyn-Leigh
Subject: Freedom of Information Online Request Form

Information:

First Name: Yuberquis
Last Name: Perez
Company: Law Office of Brian P. Campbell
Mailing Address 1: 352 Hillview Terrace
Mailing Address 2: P.O. Box 588
City: Franklin Lakes
State: NJ
Zip Code: 07417
Email Address: yuberquis@campbellesq.net
Phone: 201-866-6200
Required copies of the records: Yes

List of specific record(s):
I am requesting records for any air quality studies conducted at the Bridges, Tunnels, and Airports in New York City from 2002 to Present.

THE PORT AUTHORITY OF NY & NJ

FOI Administrator

May 13, 2014

Ms. Yuberquis Perez
Law Office of Brian P. Campbell
352 Hillview Terrace, P.O. Box 588
Franklin Lakes, NJ 07417

Re: Freedom of Information Reference No. 14799

Dear Ms. Perez:

This is in response to your March 28, 2014 request, which has been processed under the Port Authority's Freedom of Information Code (the "Code") for copies of "records for any air quality studies conducted at the Bridges, Tunnels, and Airports in New York City from 2002 to Present."

Material responsive to your request and available under the Code can be found on the Port Authority's website at http://www.panynj.gov/corporate-information/foi/14799-O.pdf. Paper copies of the available records are available upon request.

Additional records responsive to your request may be found on the following web pages: http://www.regulations.gov/#!documentDetail;D=USCG-2012-1091-0118 and http://www.panynj.gov/goethalseis/eis/feis_downloads.html.

Please refer to the above FOI reference number in any future correspondence relating to your request.

Very truly yours,

Daniel D. Duffy
FOI Administrator

225 Park Avenue South, 17th Floor
New York, NY 10003
T: 212 435 3642 F: 212 435 7555

MEMORANDUM

Operations Services Department

To: Roger Prince, General Manager, Staten Island Bridges
From: Paul W. Mitchell
Date: January 28, 2014
Subject: **2013 SUMMARY OF INDUSTRIAL HYGIENE MONITORING FOR TOLL COLLECTORS AT THE STATEN ISLAND BRIDGES**

Copy To: H. Fisher, M.D., C. Fulton, R. Gutzat, J. Keane, P. Kellett, K. Kovach, O. Krueger, R. Lamptey, X. Li, M.D., R. Martin, M. Plaskon

The Operations Services Department's Occupational Health staff performed industrial hygiene monitoring at the Staten Island Bridges to evaluate the occupational exposures of Toll Collectors. The monitoring was conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2013 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2013 were within the permissible exposure limits established by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

Paul W. Mitchell

Paul W. Mitchell, CIH
Manager
Occupational Health
Inspection and Safety – Risk Management Division

Attachment

STATEN ISLAND BRIDGES
2013 INDUSTRIAL HYGIENE MONITORING

TOLL COLLECTORS

Toll Lane	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m^3
Goethals Bridge Lane 12 3/5/13 6:15 am - 1:37 pm	<1	<0.04	<0.3	78	0.03
Bayonne Bridge Lane 8 3/5/13 6:37 am - 1:52 pm	<1	<0.04	<0.3	78*	0.08
Goethals Bridge Lane 14 7/18/13 5:42 am - 1:49 pm	<1	<0.04	<0.3	78	0.06
Outerbridge Crossing Lane 16 7/18/13 6:07 am - 2:15 pm	<1	<0.04	<0.3	76	<0.01
Goethals Bridge Lane 14 12/4/13 5:34 am - 1:42 pm	<1	<0.04	<0.3	79	0.16
Bayonne Bridge Lane 6 12/4/13 6:08 am - 2:00 pm	<1	<0.04	<0.3	78	0.06
OSHA PEL	**50**	**5**	**5**	**90**	**15**

Notes:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.
3. Asterisk (*) denotes radio in use during noise monitoring.

MEMORANDUM

Operations Services Department

To: Roger Prince, General Manager, Staten Island Bridges
From: Paul W. Mitchell
Date: January 9, 2013
Subject: **2012 SUMMARY OF INDUSTRIAL HYGIENE MONITORING FOR TOLL COLLECTORS AT THE STATEN ISLAND BRIDGES**

Copy To: S. Ansine, H. Fisher, M.D., C. Fulton, R. Gutzat, J. Keane, P. Kellett, K. Kovach, O. Krueger, R. Lamptey, X. Li, M.D., T. Lubas, R. Martin, M. Plaskon, M. Santarelli, R. D. Williams

The Operations Services Department's Occupational Health staff performed industrial hygiene monitoring at the Staten Island Bridges to evaluate the occupational exposures of Toll Collectors. The monitoring was conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2012 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2012 were within the permissible exposure limits established by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

Paul W. Mitchell

Paul W. Mitchell, CIH
Manager
Occupational Health
Inspection and Safety – Risk Management Division

Attachment

STATEN ISLAND BRIDGES
2004 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m^3
Goethals Bridge Toll Plaza, Lane 14 8/19/04 5:53 am - 12:36 pm	1	<0.04	<0.3	80	0.1
Outerbridge Crossing Toll Plaza, Lane 16 8/19/04 6:12 am - 1:34 pm	<1	<0.04	<0.3	76*	0.1
Goethals Bridge Toll Plaza, Lane 16 12/22/04 5:50 am - 1:42 pm	5	<0.04	<0.3	82	0.1
Bayonne Bridge Toll Plaza, Lane 6 12/22/04 6:24 am - 1:33 pm	3	<0.04	<0.3	80	0.2
OSHA PEL	**50**	**5**	**5**	**90**	**15**

NOTES:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.
3. Asterisk (*) denotes radio in use during noise monitoring.

MEMORANDUM

Operations Services Department

To: Roger Prince, General Manager, Staten Island Bridges
From: Paul W. Mitchell
Date: January 9, 2012
Subject: **2011 SUMMARY OF INDUSTRIAL HYGIENE MONITORING FOR TOLL COLLECTORS AT THE STATEN ISLAND BRIDGES**

Copy To: S. Ansine, H. Fisher, M.D., C. Fulton, R. Gutzat, J. Keane, P. Kellett, K. Kovach, O. Krueger, R. Lamptey, X. Li, M.D., T. Lubas, R. Martin, M. Plaskon, M. Santarelli, R. D. Williams

The Operations Services Department's Occupational Health staff performed industrial hygiene monitoring at the Staten Island Bridges to evaluate the occupational exposures of Toll Collectors. The monitoring was conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2011 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2011 were within the permissible exposure limits established by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

Paul W. Mitchell

Paul W. Mitchell, CIH
Manager
Occupational Health
Inspection and Safety – Risk Management Division

Attachment

STATEN ISLAND BRIDGES
2011 INDUSTRIAL HYGIENE MONITORING

TOLL COLLECTORS

Toll Lane	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m^3
Goethals Bridge Lane 12 5/12/11 5:36 am - 2:13 pm	<1	<0.04	<0.3	79*	0.11
Bayonne Bridge Lane 6 5/12/11 5:53 am - 2:48 pm	<1	<0.04	<0.3	78*	0.09
Goethals Bridge Lane 16 8/4/11 5:12 am - 1:24 pm	<1	<0.04	<0.3	78	0.05
Outerbridge Crossing Lane 12 8/4/11 5:39 am - 1:45 pm	<1	<0.04	<0.3	74	0.04
Goethals Bridge Lane 14 12/13/11 5:36 am - 1:27 pm	2	<0.04	<0.3	79*	0.03
Bayonne Bridge Lane 8 12/13/11 6:27 am - 1:41 pm	3	<0.04	<0.3	79	0.04
OSHA PEL	**50**	**5**	**5**	**90**	**15**

Notes:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.
3. Asterisk (*) denotes radio in use during noise monitoring.

THE PORT AUTHORITY OF NY & NJ

MEMORANDUM

OPERATIONS SERVICES DEPARTMENT

To: Paul Pittari, General Manager, Staten Island Bridges
From: Paul W. Mitchell
Date: January 15, 2010
Subject: **2009 SUMMARY OF INDUSTRIAL HYGIENE MONITORING FOR TOLL COLLECTORS AT THE STATEN ISLAND BRIDGES**

Copy To: S. Ansine, H. Fisher, M.D., R. Gutzat, T. Howard, J. Keane, P. Kellett, V. Kelly, K. Kovach, O. Krueger, X. Li, M.D., T. Lubas, R. Martin, M. Plaskon, R. D. Williams

The Operations Services Department's Occupational Health staff performed industrial hygiene monitoring at the Staten Island Bridges to evaluate the occupational exposures of Toll Collectors. The monitoring was conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2009 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2009 were within the permissible exposure limits established by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

Paul W. Mitchell

Paul W. Mitchell, CIH
Manager
Occupational Health
Inspection & Safety Division

Attachment

THE PORT AUTHORITY OF NY & NJ

STATEN ISLAND BRIDGES
2009 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

Toll Lane	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m^3
Goethals Bridge Lane 12 4/3/09 6:32 am - 2:47 pm	1	<0.04	<0.3	83*	0.1
Goethals Bridge Lane 14 4/3/09 6:40 am - 2:54 pm	1	<0.04	<0.3	80*	<0.1
Bayonne Bridge Lane 6 6/29/09 6:11 am - 1:43 pm	1	<0.04	<0.3	79	0.1
Bayonne Bridge Lane 8 6/29/09 6:22 am - 1:40 pm	1	<0.04	<0.3	77	0.1
Outerbridge Crossing Lane 14 9/10/09 2:49 pm - 11:19 pm	1	<0.04	<0.3	76*	<0.1
Outerbridge Crossing Lane 16 9/10/09 2:49 pm - 11:19 pm	1	<0.04	<0.3	80	0.1
OSHA PEL	**50**	**5**	**5**	**90**	**15**

Notes:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.
3. Asterisk (*) denotes radio in use during noise monitoring.

THE PORT AUTHORITY OF NY & NJ

MEMORANDUM

OPERATIONS SERVICES DEPARTMENT

To: Paul Pittari, General Manager, Staten Island Bridges

From: Paul W. Mitchell

Date: February 23, 2009

Subject: **2008 SUMMARY OF INDUSTRIAL HYGIENE MONITORING FOR TOLL COLLECTORS AT THE STATEN ISLAND BRIDGES**

Copy To: S. Ansine, R. Borup, M. Duke, M.D., R. Gutzat, T. Howard, J. Keane, P. Kellett, V. Kelly, K. Kovach, X. Li, M.D., T. Lubas, R. Martin, M. Plaskon, P. Trimarchi, M. Santarelli, R.D. Williams

The Operations Services Department's Occupational Health staff performed industrial hygiene monitoring at the Staten Island Bridges to evaluate the occupational exposures of Toll Collectors. The monitoring was conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2008 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2008 at your facility were within the permissible exposure limits established by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors. Occupational Health staff will continue monitoring the exposure of Toll Collectors at your facility in 2009.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

Paul W. Mitchell

Paul W. Mitchell, CIH
Manager
Occupational Health
Inspection & Safety Division

Attachments

STATEN ISLAND BRIDGES
2008 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

Tolls	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m^3
Goethals Bridge Toll Plaza, Lane 12 4/3/08 2:15 pm - 10:54 pm	1	<0.04	<0.3	79	<0.1
Outerbridge Crossing Toll Plaza, Lane 16 4/3/08 2:49 pm - 11:19 pm	<1	<0.04	<0.3	76	0.1
Bayonne Bridge Toll Plaza, Lane 6 7/25/08 6:06 am - 1:34 pm	<1	<0.04	<0.3	77	<0.1
Outerbridge Crossing Toll Plaza, Lane 14 7/25/08 6:33 am - 2:04 pm	<1	<0.04	<0.3	75	0.1
Goethals Bridge Toll Plaza, Lane 12 11/7/08 6:10 am - 1:53 pm	<1	<0.04	<0.3	84	0.1
Bayonne Bridge Toll Plaza, Lane 8 11/7/08 6:28 am - 2:20 pm	<1	<0.04	<0.3	79	0.1
OSHA PEL	**50**	**5**	**5**	**90**	**15**

NOTES:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.

THE PORT AUTHORITY OF NY & NJ

MEMORANDUM

OPERATIONS SERVICES DEPARTMENT

To: Paul Pittari, General Manager, Staten Island Bridges

From: Paul W. Mitchell

Date: January 15, 2008

Subject: **SUMMARY OF INDUSTRIAL HYGIENE MONITORING AT THE STATEN ISLAND BRIDGES FOR 2007**

Copy To: S. Ansine, R. Borup, M. Duke, M.D., R. Gutzat, J. Keane, P. Kellett, V. Kelly, K. Kovach, R. Martin, M. Plaskon, P. Trimarchi, R. Williams

The Operations Services Department's Industrial Hygiene Unit staff performed industrial hygiene air and noise monitoring at the Staten Island Bridges to evaluate the occupational exposures of Toll Collectors. The monitoring was conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2007 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2007 at your facility were within the permissible exposure limits established by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors. Industrial Hygiene staff will continue monitoring the exposure of Toll Collectors at your facility in 2008.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

Paul W. Mitchell

Paul W. Mitchell, CIH
Manager
Industrial Hygiene Unit
Inspection & Safety Division

Attachments

STATEN ISLAND BRIDGES
2007 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m^3
Goethals Bridge Toll Plaza, Lane 12 4/19/07 6:00 am - 1:15 pm	2	<0.04	<0.3	82	0.1
Outerbridge Crossing Toll Plaza, Lane 16 4/19/07 6:20 am - 1:36 pm	2	<0.04	<0.3	83*	<0.1
Bayonne Bridge Toll Plaza, Lane 6 7/31/07 6:13 am - 1:36 pm	<1	<0.04	<0.3	79*	0.1
Outerbridge Crossing Toll Plaza, Lane 14 7/31/07 6:40 am - 2:03 pm	<1	<0.04	<0.3	75*	0.1
Goethals Bridge Toll Plaza, Lane 14 12/17/07 6:38 am - 3:08 pm	3	<0.04	<0.3	82*	<0.1
Bayonne Bridge Toll Plaza, Lane 8 12/17/07 6:54 am - 3:23 pm	2	<0.04	<0.3	78	0.1
OSHA PEL	**50**	**5**	**5**	**90**	**15**

NOTES:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.
3. Asterisk (*) denotes radio in use during noise monitoring.

THE PORT AUTHORITY OF NY & NJ

MEMORANDUM

OPERATIONS SERVICES DEPARTMENT

TO: Gerard A. Del Tufo, General Manager, Staten Island Bridges

FROM: Paul W. Mitchell

DATE: December 11, 2006

SUBJECT: **SUMMARY OF INDUSTRIAL HYGIENE MONITORING AT THE STATEN ISLAND BRIDGES FOR 2006**

COPY TO: S. Ansine, R. Borup, M. Duke, M.D., R. Gutzat, J. Keane, P. Kellett, V. Kelly, K. Kovach, R. Martin, S. Napolitano, M. Plaskon, P. Trimarchi, R. Williams

The Operations Services Department's Occupational Health Unit staff performed industrial hygiene air and noise monitoring at the Staten Island Bridges to evaluate the occupational exposures of Port Authority Toll Collectors. The monitoring was conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2006 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2006 at your facility were within the permissible exposure limits established by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors. Occupational Health staff will continue monitoring the exposure of Toll Collectors at your facility in 2007.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

Paul W. Mitchell

Paul W. Mitchell, CIH
Manager
Occupational Health
Inspection & Safety Division

Attachments

THE PORT AUTHORITY OF NY & NJ

STATEN ISLAND BRIDGES
2006 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m^3
Goethals Bridge Toll Plaza, Lane 12 4/19/06 6:00 am - 1:15 pm	1	<0.04	<0.3	81	0.1
Outerbridge Crossing Toll Plaza, Lane 14 4/19/06 6:20 am - 1:36 pm	<1	<0.04	<0.3	79	0.1
Bayonne Bridge Toll Plaza, Lane 6 8/10/06 6:10 am - 1:15 pm	<1	<0.04	<0.3	77	<0.1
Outerbridge Crossing Toll Plaza, Lane 14 8/10/06 6:33 am - 1:49 pm	<1	<0.04	<0.3	78	<0.1
Goethals Bridge Toll Plaza, Lane 16 11/8/06 6:04 am - 2:38 pm	4	<0.04	<0.3	87*	0.1
Bayonne Bridge Toll Plaza, Lane 6 11/8/06 6:21 am - 2:53 pm	6	<0.04	<0.3	78	<0.1
OSHA PEL	**50**	**5**	**5**	**90**	**15**

NOTES:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.
3. Asterisk (*) denotes radio in use during noise monitoring.

THE PORT AUTHORITY OF NY & NJ

MEMORANDUM

OPERATIONS SERVICES DEPARTMENT

TO: Gerard A. Del Tufo, General Manager, Staten Island Bridges

FROM: Paul W. Mitchell

DATE: March 1, 2006

SUBJECT: **SUMMARY OF INDUSTRIAL HYGIENE MONITORING AT THE STATEN ISLAND BRIDGES FOR 2005**

COPY TO: D. Bournias, R. Borup, M. Duke, M.D., R. Gutzat, J. Keane, P. Kellett, V. Kelly, K. Kovach, R. Martin, S. Napolitano, M. Plaskon, P. Trimarchi, R. Williams

The Operations Services Department's Occupational Health Unit staff performed industrial hygiene air and noise monitoring at the Staten Island Bridges to evaluate the occupational exposures of Port Authority Toll Collectors. The monitoring was conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2005 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2005 at your facility were within the permissible exposure limits established by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors. Occupational Health staff will continue monitoring the exposure of Toll Collectors at your facility in 2006.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

Paul W. Mitchell

Paul W. Mitchell, CIH
Manager
Occupational Health
Inspection & Safety Division

Attachments

THE PORT AUTHORITY OF NY & NJ

STATEN ISLAND BRIDGES
2005 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m³
Bayonne Bridge Toll Plaza, Lane 8 3/4/05 5:35 am - 1:37 pm	1	<0.04	<0.3	81	<0.1
Outerbridge Crossing Toll Plaza, Lane 6 3/4/05 6:05 am - 1:59 pm	1	<0.04	<0.3	79	<0.1
Goethals Bridge Toll Plaza, Lane 6 6/3/05 6:08 am - 1:35 pm	<1	<0.04	<0.3	80	<0.1
Outerbridge Crossing Toll Plaza, Lane 14 6/3/05 6:42 am - 2:07 pm	<1	<0.04	<0.3	79	<0.1
OSHA PEL	50	5	5	90	15

NOTES:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.

THE PORT AUTHORITY OF NY & NJ

STATEN ISLAND BRIDGES
2005 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m³
Goethals Bridge Toll Plaza, Lane 12 8/26/05 5:57 am - 2:02 pm	1	<0.04	<0.3	81	0.1
Bayonne Bridge Toll Plaza, Lane 6 8/26/05 6:13 am - 2:16 pm	1	<0.04	<0.3	75	<0.1
Bayonne Bridge Toll Plaza, Lane 8 11/30/05 5:50 am - 1:42 pm	1	<0.04	<0.3	80	<0.1
Outerbridge Crossing Toll Plaza, Lane 6 11/30/05 6:24 am - 2:10 pm	1	<0.04	<0.3	79	0.1
OSHA PEL	50	5	5	90	15

NOTES:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.

THE PORT AUTHORITY OF NY & NJ

MEMORANDUM

OPERATIONS SERVICES DEPARTMENT

FILE COPY

TO: Gerard A. Del Tufo, General Manager, Staten Island Bridges

FROM: Paul W. Mitchell

DATE: March 10, 2005

SUBJECT: **SUMMARY OF INDUSTRIAL HYGIENE MONITORING AT THE STATEN ISLAND BRIDGES FOR 2004**

COPY TO: D. Bournias, M. Duke, M.D., R. Gutzat, A. Holmes, J. Keane, P. Kellett, V. Kelly, K. Kovach, R. Martin, L. Panzica, M. Plaskon, P. Rooney, P. Taylor, P. Trimarchi

The Operations Services Department's Occupational Health Unit staff performed quarterly industrial hygiene air and noise monitoring at the Staten Island Bridges to evaluate the occupational exposures of Port Authority Toll Collectors. The monitoring was conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2004 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2004 at your facility were within the permissible exposure limits established by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors. Occupational Health staff will continue monitoring the exposure of Toll Collectors at your facility in 2005.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

Mg Th. Blad for

Paul W. Mitchell, CIH
Manager
Occupational Health
Inspection & Safety Division

Attachments

STATEN ISLAND BRIDGES
2004 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m^3
Goethals Bridge Toll Plaza, Lane 10 3/4/04 5:35 am - 1:37 pm	1	<0.04	<0.3	83	<0.1
Bayonne Bridge Toll Plaza, Lane 6 3/4/04 6:05 am - 1:59 pm	1	<0.04	<0.3	78	<0.1
Bayonne Bridge Toll Plaza, Lane 6 6/4/04 6:08 am - 1:35 pm	<1	<0.04	<0.3	81	0.1
Outerbridge Crossing Toll Plaza, Lane 14 6/4/04 6:42 am - 2:07 pm	<1	<0.04	<0.3	80	0.1
OSHA PEL	**50**	**5**	**5**	**90**	**15**

NOTES:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.

STATEN ISLAND BRIDGES
2004 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m^3
Goethals Bridge Toll Plaza, Lane 14 8/19/04 5:53 am - 12:36 pm	1	<0.04	<0.3	80	0.1
Outerbridge Crossing Toll Plaza, Lane 16 8/19/04 6:12 am - 1:34 pm	<1	<0.04	<0.3	76*	0.1
Goethals Bridge Toll Plaza, Lane 16 12/22/04 5:50 am - 1:42 pm	5	<0.04	<0.3	82	0.1
Bayonne Bridge Toll Plaza, Lane 6 12/22/04 6:24 am - 1:33 pm	3	<0.04	<0.3	80	0.2
OSHA PEL	**50**	**5**	**5**	**90**	**15**

NOTES:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.
3. Asterisk (*) denotes radio in use during noise monitoring.

THE PORT AUTHORITY OF NY & NJ **MEMORANDUM**

OPERATIONS SERVICES DEPARTMENT

TO: Gerard A. Del Tufo, General Manager, Staten Island Bridges
FROM: Paul W. Mitchell
DATE: January 12, 2004
SUBJECT: **SUMMARY OF INDUSTRIAL HYGIENE MONITORING AT THE STATEN ISLAND BRIDGES FOR 2003**

COPY TO: D. Bournias, G. Cummiskey, M. Duke, M.D., A. Holmes, P. Kellett, K. Kovach, R. Martin, L. Panzica, K. Philmus, M. Plaskon, P. Rooney, P. Taylor, P. Trimarchi

The Operations Services Department's Occupational Health staff perform quarterly industrial hygiene monitoring at the Staten Island Bridges and at the other river crossings to evaluate the occupational exposures of Port Authority Toll Collectors. The monitoring is conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2003 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2003 at your facility were within the permissible exposure limits set by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors. Occupational Health staff will continue monitoring the exposure of Toll Collectors at your facility in 2004.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

Paul W. Mitchell

Paul W. Mitchell, CIH
Manager
Occupational Health
Inspection & Safety Division

Attachments

STATEN ISLAND BRIDGES
2003 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

	Carbon Monoxide ppm	Nitrogen Dioxide ppm	Sulfur Dioxide ppm	Noise dBA	Nuisance Dust Total mg/m³
Bayonne Bridge Toll Plaza, Lane 8 8/29/03 5:46 am - 1:04 pm	1	<0.04	<0.3	79	0.1
Outerbridge Crossing Toll Plaza, Lane 14 8/29/03 6:12 am - 1:34 pm	1	<0.04	<0.3	75	0.1
Goethals Bridge Toll Plaza, Lane 10 12/17/03 6:01 am - 1:03 pm	5	<0.04	<0.3	83*	<0.1
Outerbridge Crossing Toll Plaza, Lane 16 12/17/03 6:24 am - 1:33 pm	3	<0.04	<0.3	77*	<0.1
OSHA PEL	50	5	5	90	15

NOTES:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m³).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.
3. Asterisk (*) denotes radio in use during noise monitoring.

STATEN ISLAND BRIDGES
2003 INDUSTRIAL HYGIENE MONITORING
TOLL COLLECTORS

	Carbon Monoxide ppm	Nitrogen Dioxide ppm	Sulfur Dioxide ppm	Noise dBA	Nuisance Dust Total mg/m³
Goethals Bridge Toll Plaza, Lane 8 2/27/03 5:46 am - 1:07 pm	2	<0.04	<0.3	79	<0.1
Outerbridge Crossing Toll Plaza, Lane 10 2/27/03 6:07 am - 1:30 pm	<1	<0.04	<0.3	74	0.1
Goethals Bridge Toll Plaza, Lane 14 5/28/03 5:47 am - 12:51 pm	<1	<0.04	<0.3	81	0.1
Bayonne Bridge Toll Plaza, Lane 6 5/28/03 6:06 am - 1:33 pm	1	<0.04	<0.3	80	<0.1
OSHA PEL	50	5	5	90	15

NOTES:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m³).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.

MEMORANDUM

Operations Services Department

To: Roger Prince, General Manager, Staten Island Bridges
From: Paul W. Mitchell
Date: January 21, 2011
Subject: **2010 SUMMARY OF INDUSTRIAL HYGIENE MONITORING FOR TOLL COLLECTORS AT THE STATEN ISLAND BRIDGES**

Copy To: S. Ansine, H. Fisher, M.D., C. Fulton, R. Gutzat, J. Keane, P. Kellett, K. Kovach, O. Krueger, R. Lamptey, X. Li, M.D., T. Lubas, R. Martin, M. Plaskon, M. Santarelli, R. D. Williams

The Operations Services Department's Occupational Health staff performed industrial hygiene monitoring at the Staten Island Bridges to evaluate the occupational exposures of Toll Collectors. The monitoring was conducted for pollutants associated with traffic and vehicle exhaust including noise, dust, carbon monoxide, nitrogen dioxide, and sulfur dioxide.

The 2010 Industrial Hygiene Report summarizing occupational health monitoring data collected at your facility is attached. The results indicate that the exposures for the Toll Collectors for 2010 were within the permissible exposure limits established by the Occupational Safety and Health Administration (OSHA). These results should be made available to your Toll Collectors.

If you would like to discuss the report, or if you have any questions, please call me at the PATC at (201) 216-2173.

O/S/B

Paul W. Mitchell, CIH
Manager
Occupational Health
Inspection and Safety – Risk Management Division

Attachment

STATEN ISLAND BRIDGES
2010 INDUSTRIAL HYGIENE MONITORING

TOLL COLLECTORS

Toll Lane	Carbon Monoxide, ppm	Nitrogen Dioxide, ppm	Sulfur Dioxide, ppm	Noise, dBA	Nuisance Dust, Total, mg/m^3
Bayonne Bridge Lane 8 3/3/10 5:45 am - 1:34 pm	<1	<0.04	<0.3	79*	0.02
Bayonne Bridge Lane 6 3/3/10 5:53 am - 1:39 pm	<1	<0.04	<0.3	78*	0.01
Outerbridge Crossing Lane 10 6/24/10 6:00 am - 1:50 pm	1	<0.04	<0.3	71	0.04
Outerbridge Crossing Lane 12 6/24/10 6:07 am - 1:53 pm	1	<0.04	<0.3	76	0.06
Goethals Bridge Lane 14 10/18/10 6:00 am - 1:36 pm	1	<0.04	<0.3	78	0.07
Goethals Bridge Lane 12 10/18/10 6:09 am - 1:42 pm	1	<0.04	<0.3	84*	0.06
OSHA PEL	**50**	**5**	**5**	**90**	**15**

Notes:

1. The results are in parts per million (ppm), decibels on an A-weighted scale (dBA), and milligrams per cubic meter (mg/m^3).
2. The Permissible Exposure Limits (PEL), as established by the Occupational Safety and Health Administration (OSHA) generally represent an 8-hour average. The OSHA PEL for Nitrogen Dioxide is a ceiling limit that should not be exceeded during the workday.
3. Asterisk (*) denotes radio in use during noise monitoring.

Final Draft

Impact of Teterboro Airport (Bergen County, NJ) Operations on Local Air Quality: Modeling Analysis for 1999

Technical Report CCL/PANYNJ.2003-01

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Final Draft: October 31, 2003

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sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization. 92

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Figure 33. Maps of the annual average ambient concentrations of acrolein (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI) 101

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Figure 40. Maps of the annual average ambient concentrations of propionaldehyde (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI) 108

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1 INTRODUCTION: OBJECTIVES AND BACKGROUND

1.1 Objectives

The objective of this modeling[1] study was to investigate and quantify the potential impact of operations at Teterboro Airport in Bergen County, New Jersey, on the air quality of local residential areas, and thus to allow further characterizations of associated potential population exposures, as necessary.

The environmental assessment was performed employing methods, approaches, and databases developed by or consistent with those used by federal agencies such as the US Environmental Protection Agency (USEPA) and the Federal Aviation Administration (FAA) or professional organizations such as the American Meteorological Society (AMS). Data specific to operations and activities at Teterboro airport (numbers of landings and take-offs, composition of fleet, fuel usage, etc.) were provided by the Port Authority of New York and New Jersey (PANYNJ).

1.2 Specific Aims

The specific aims of this study were:

- To develop an Environmental Information System (EIS) that incorporates relevant
  - emission,
  - air quality, and
  - demographic

  data and estimates for the area surrounding Teterboro Airport, in a visual (Geographic Information System based) format that makes the information readily accessible to both decision makers and the interested public.
- To perform analyses of spatial (and temporal) variability trends in air quality for the area surrounding the airport.[2]
- To conduct both long and short term air quality modeling studies in order to quantify air quality impacts attributable to airport operations.
- To quantitatively compare the air quality impact of the airport with the corresponding impact of other major (industrial, traffic, etc.) sources in the area.
- To identify potentially critical data gaps in existing emissions reporting and air quality monitoring and to specify data needs and appropriate data collection efforts.

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[1] As per Table 1, modeling (utilizing emissions estimates and atmospheric dispersion calculations) and air monitoring are complementary activities, and both are generally needed to assess an environmental problem. In this case modeling is used to provide a consistent framework for analyzing air quality issues in the Teterboro area; this framework can be utilized and expanded in future modeling and monitoring studies.

[2] A separate Technical Memorandum "Summary of Air Quality Trends in New Jersey within a 25km Radius from Teterboro Airport, 1986-2000" [CCL, 2002], summarizing the trends in air quality of the region (characterized through the levels of criteria air pollutants recorded during the period 1986-2000 in all monitors located in NJ within a 25 km radius around Teterboro airport) was prepared for PANYNJ.

1.3 Impacts of Airport Operations: Hazards and Concerns

Airport operations can impact the local air quality:

- Through release of gaseous and aerosol combustion products:
  - from aircraft operations such as
    - take-offs,
    - landings,
    - taxiing,
    - idling
    - cruising at low flight altitudes
  - from operation of ground support equipment
  - from local power generators
  - from vehicular traffic associated with the airport
- Through release of fuel vapors from fuel storage tanks and during refueling operations
- Through use of other volatile toxic materials in airport operations (e.g. for de-icing, etc.).

To date, no pollutant unique to aircraft emissions has been identified: all pollutants emitted by airplanes are also emitted by on-road mobile sources (such as cars and trucks). The following are the major emission products - as classes of chemical compounds - released from the exhaust of aircraft engines (and/or, in some cases, the evaporation of fuels):

- Inorganic gases, including carbon monoxide (CO), carbon dioxide (CO_2) and nitrogen oxides (NO, NO_2, NOx);
- Volatile Organic Compounds (VOCs), including classes of compounds such as
  - alkanes (paraffins),
  - cycloalkanes (naphthenes),
  - alkenes, alkines and
  - aromatic hydrocarbons.

  Specific compounds that have been identified in studies of areas with airports have included
  - pentane,
  - butane,
  - acetylene,
  - 1,3-butadiene,
  - benzene, toluene, and xylene
- Oxygenated organics, including a variety of carbonyl compounds such as aldehydes which include
  - formaldehyde
  - acetaldehyde, and
  - propionaldehyde
  - acrolein

- Polycyclic aromatic hydrocarbons (PAHs), such as
  - benzo(a)pyrene (and potentially, 1-nitropyrene and 1,8-dinitropyrene),
  - chrysene,
  - anthracene and benzo(a)anthracene,
  - fluoranthene,
  - phenanthrene,
  - naphthalene,
  - dimethylnaphthalene (isomers), methylnaphthalene, 2-methylnaphthalene.

Napthalene is in fact the PAH that has been identified repeatedly and consistently as a component of jet exhaust (see, e.g. Childers et al., 2000[3]); though it is also produced by on-road and off-road mobile combustion sources, it could be reasonably considered as characteristic of aircraft emissions.

So, the above list of air pollutants includes both:

1. Toxic or Hazardous Air Pollutants (HAPs) in either gas or particulate phase, such as the various aromatic and carbonyl organic compounds and PAHs(benzene, formaldehyde, naphthalene, etc.), at various amounts that could potentially be of concern,
2. Primary (i.e. directly emitted) criteria air pollutants as well as precursors of secondary (i.e. those formed in the atmosphere) photochemical air pollutants (O_3, NO_2, secondary PM).

The type of fuel and engine design has a significant effect on the chemical speciation and concentrations of both the evaporative and the exhaust emission pollutants. Aviation gasoline and jet fuels are complex mixtures of various organic compounds[4] and their combustion by-products reflect this complexity[5].

Due to the small size of Teterboro Airport, emissions of ozone precursors are small compared to total emissions in the area (and their impact would not be local). So, the present study focused on

[3] Childers et al., 2000, in their study found the PAH profiles of jet exhaust to be dominated by naphthalene and alkyl-substituted naphthalenes, along with other PAHs expected to be in the vapor phase; these were accompanied by lesser amounts of particle-bound PAHs, such as fluoranthene, pyrene, and benzo[a]pyrene in some of their sample extracts

[4] Table 4 and Table 5 contain example compositions of unleaded aviation gasoline and of jet fuel, respectively.

[5] Toxicological effects of jet fuels have been studied mainly from the perspective of occupational exposure issues, which are beyond the scope of the present study; for the interested reader there is a substantial amount of work associated with occupational exposure to jet fuel components (see e.g. Hamilton, 1997, for an overview); also ATSDR has published Toxicological Profiles for Jet Fuels JP5 and JP7 where issues of exposure are discussed [ATSDR, 1995] and this and related information [IARC, 2000] can be used to assess information for potential relevance to non-occupational situations.

selected toxic air pollutants that have been associated in recent studies with airport operations. Specifically, the following twelve air toxics were considered in this study:

- Acetaldehyde
- Acrolein
- Benzene
- 1,3-Butadiene
- Ethylbenzene
- Formaldehyde
- MTBE
- Naphthalene
- Propionaldehyde
- Styrene
- Toluene
- Xylene

CAS numbers and toxicological properties of these toxics are listed in Table 2.[6]

1.3.1 An Overview of Past Studies on Airport Operations and Air Quality

The importance of emissions from airport operations and of their impact on air quality (and on consequent potential human exposure and risk issues) is currently receiving continuously increasing attention, both internationally and in the US [GAO, 2003].

A recent European review considered data on the health impact of large airports and concluded that relevant integrated health assessments are not available[7]. The study recommended that such assessments should accompany the further development of the global aviation system. [Passchier et al., 2000].

---

[6] ENVIRON International Corporation conducted air sampling at six locations at the fence line of Teterboro Airport and wipe sampling at sixteen residential, commercial and municipal locations [ENVIRON, 2001]. All air sampling was conducted within a 48 hour period on June 27-29, 2001. 101 chemicals were analyzed in this study, but only 50 were detected in at least one sample. The main groups of compounds of interest were VOC's, Aldehydes and PAHs. The compounds that were found at substantial levels were benzene, toluene, ethylbenzene, xylene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene; however the study was not designed so as to determine whether these levels were related to airport operations (this would require multiple measurements of air toxics both upwind and downwind of the airport simultaneously).

[7] However that review failed to mention various relevant U.S. studies that took place in the 1990s, probably because some of them did not appear in the peer-reviewed literature but in agency or university reports; the most important of these studies are briefly reviewed in the next section.

With respect to criteria pollutants, as an example of a frequently quoted piece of information, the Natural Resources Defense Council (NRDC) estimates that one Boeing 747 arriving and departing from an airport produces as much smog as a car driven over 5,600 miles, and as much nitrogen oxides as a car driven nearly 26,500 miles. While emissions from other sources are decreasing, airport emissions are expected to increase over the next 10 years [NRDC, 1996]. The increased importance of aircraft emissions has also been recognized explicitly in the report "Evaluation of Air Pollutant Emissions from Subsonic Commercial Jet Aircraft" [USEPA, 1999a] where it is stated that: "The new NAAQS for ozone and PM present even greater challenges to existing and potential nonattainment areas. As more CAA-mandated controls reach full implementation, air quality planners will need to look at all emissions sources for additional reductions. In most regions, overall mobile source emissions are projected to decrease significantly; however, emissions from aircraft do not follow this trend. While noise regulations and more fuel-efficient engines will reduce aircraft hydrocarbon emission rates, controlling NOx emissions is a much greater challenge." That report presents tables listing 1990 estimates and 2010 projections for commercial aircraft emissions for major US metropolitan areas, based on the most up-to-date databases and emissions modeling procedures [USDOT, 1995; USEPA, 1999b]. According to these calculations, increases in emissions for each of VOC, CO, NOx and SO_2 are generally expected to be in excess of 50% for this 20-year time period.

A selective list of studies that have environmental and (non-occupational) exposure focus follows:

- A study [USEPA, 1993] estimated the cancer risks associated with 30 air pollutants in a Southwest Chicago area including Midway Airport and neighboring suburbs. About 93,854 people lived in the study area which was approximately 16 square miles. Emissions considered in association with both aircraft and ground traffic emissions were 1,3-butadiene, formaldehyde, benzene and particulate matter (two types of PM emissions were assigned to aircraft emissions, corresponding to piston and to turbojet engines, and two types were assigned to ground vehicle emissions, corresponding to diesel and to gasoline engines). Based on U.S. EPA unit risks used in this study, 1,3-butadiene was the most significant pollutant contributing to cancer risk in the area and the second highest pollutant contributor is polycyclic organic compounds (POM). Both these two pollutant contributors are emitted mostly from mobile sources such as automobile, aircraft and nonroad equipment engines. The risk assessment concluded that airport operations are expected to result in two excess cancer deaths within the population of the study area: more than half of that risk (1.4 deaths) was attributed to 1,3-butadiene while the remainder was divided roughly equally between formaldehyde and particulate emissions.
- A field study of air quality around the Seattle-Tacoma (SEA-TAC) airport found that benzene, formaldehyde and hydrocarbon concentrations in the surrounding areas were above the Washington Administrative Code acceptable source levels. Total petroleum hydrocarbon (TPH) figures that were referenced to jet fuel showed that the airport area was affected by jet fuel emissions. The study concluded that the SEA-TAC Airport contributed a cancer risk increase in the area and should be monitored as a source [DesMarais, 1995].
- A study by Heland and Schafer [1998] showed that the concentrations of the major combustion products (CO_2, H_2O, CO, NO, N_2O, SO_2, HCO and CH_4), differ by engine

type and fuel used. Aside from the major combustion products, other species of pollutants like carbonaceous derivatives can be present in jet engine exhaust.

- One form of carbonaceous exhaust is atmospheric particulate black carbon (BC), or soot. Soot is a serious concern both as a primary pollutant as well as because of its role in atmospheric chemistry, e.g. it can reduce HNO3 to NO2 [Petzold et al., 1999].
- A study by Kiendler et al. [2000] identified negative chemiions (chemicals that can cause aerosol particulate formation) formed from engine operations, including carbonaceous negative chemiions.
- A study by Popovitcheva et al. [2000] found that at high altitudes 10-11 km (6.2-6.8 mi), aircraft fuel combustion is the principal source of the soot aerosol layer in the upper troposphere. Soot particles acting as cloud condensation nuclei can substantially affect cirrus formation.
- Petzold et al. [1999] studied soot dispersion from a single type of aircraft at both ground level and cruising altitudes.
- Schumann et al. [1998] developed models for dispersion of the major aircraft exhaust pollutants at cruising altitudes.
- From a regional model perspective, Moussiopoulos et al. [1997] used multiple air pollution models to study air quality impact of the New Athens airport in Greece. Their study assessed air quality impacts of different siting options for the new airport.

- The Logan Airport HC speciation study was a part of the BTEX (benzene, toluene, ethylbenzene, and xylenes) monitoring program, conducted at Boston's Logan Airport and in the surrounding communities in August 1993 [Chng et al., 1994]. Specifically, HC levels were measured during August19-30, 1993, at six sites in the surrounding Boston communities and at two sites located at the airport. Samples were taken for 1-, 8-, and 24-hour periods (by sampling three consecutive eight-hour periods); 48 organic compounds were studied and from the 4 major compounds (BTEX), xylene was the only one to be in excess of the State's TEL.
- The Illinois EPA measured the airborne levels of various air contaminants in the vicinity of O'Hare International Airport as well as at other locations in the Chicago area [IEPA, 2002]. The monitoring program utilized five sampling sites to collect (24-hour integrated) calendar day samples once every 12 days during June-December 2000. The four groups of interest, using the following analytical methods, were: (1) 53 volatile organic compounds, using TO-15, gas chromatography with mass spectroscopy; (2) 14 carbonyl compounds, using TO-11a, high pressure liquid chromatography; (3) 18 semi- volatile organic compounds, using TO-13a gas chromatography and mass spectroscopy analysis; and (4) 8 particulate metal compounds, using atomic absorption. Compounds that were found at substantial levels in the monitoring sites included: acetaldehyde, formaldehyde, benzene, 1,3 butadiene, chromium, dioxins, PAHs, tetrachloroethylene, nickel and toluene.

1.4 The Facility of Concern: Summary Overview

This subsection provides summary information for Teterboro Airport:

- The Teterboro airport is situated close to the intersection of Interstate 80 and the New Jersey Turnpike, in the southern portion of Bergen County of NJ, about 12 miles from midtown Manhattan (Figure 1 and Figure 2). Its central coordinates are UTM Zone 18 (NAD83): 579066E, 4522511N or Lat/Long: 40.8498°N, 74.0620°W. It occupies 826.98 acres of land.
- It is designated as a "reliever" airport according to the National Plan of Integrated Airport Systems, and it serves the general aviation requirements of the Northern New Jersey and the New York Metropolitan Area. Regulations as of 1998 prohibited scheduled aircraft carrier operations, and limited the use of airport to aircraft with operating weights less than 100,000 pounds. Over 90,000 takeoffs were reported in 1999.
- Teterboro is the oldest airport in the region. The land was acquired in 1917, and first flight was in 1919. Currently it is operated by Johnson Controls World Services Inc., under a 30-year lease agreement with PANYNJ. It was purchased by PANYNJ from a private owner in 1949.

1.5 Physical Setting of the Area of Concern (Hydroclimatology)

Teterboro Airport lies in flat, marshy coastal plains area of New Jersey in the Passaic River basin. The area has a high water table.

The normal annual rainfall for the region is 47.53 inches (typically in the range of 45-50 inches) and the temperature ranges from an average low of 23.4° F in winter to an average high of 87.0° F in summer (The Mid Atlantic River Forecast Center, 2000). Teterboro lies in the Central Climatological Zone of New Jersey. The Central Zone has a northeast to southwest orientation, running from New York Harbor and the Lower Hudson River to the great bend of the Delaware River in the vicinity of Trenton. This region has many urban locations with large amounts of pollutants produced by the high volume of automobile traffic and industrial processes. The concentration of buildings and paved surfaces serve to retain more heat, thereby affecting the local temperatures. Because of the asphalt, brick, and concrete, the observed nighttime temperatures in heavily developed parts of the zone are regularly warmer than surrounding suburban and rural areas.[8]

The northern edge of the Central Zone is often the boundary between freezing and non-freezing precipitation during wintertime. In summer, the northern reaches often mark the boundary between comfortable and uncomfortable sleeping conditions. Areas to the south of the Central Zone tend to have nearly twice as many days with temperatures above 90° F than the 15-20 commonly observed in the central portion of the state (ONJSC, 2000).

1.6 Major Emission Sources in the Areas Surrounding Teterboro Airport

The task of attributing air quality impacts to Teterboro airport operations is complicated by the presence of several large industrial plants close to the airport, as well as by vehicular traffic (both highway and surface streets) not associated with the airport.

[8] "Heat Island" effect

- In Hudson, Union, Essex, Bergen and Passaic counties, 354 industrial operations submit emissions reports to New Jersey Department of Environmental Protection (NJDEP).
- Out of these, 161 have combined emissions of hydrocarbons, nitrogen oxides and carbon monoxide greater than 100 pounds per day.
- The top twenty-five emitters are listed in Table 3, in descending order of emissions.

Emissions for a number of toxic contaminants are reported by these and other industrial sources for the Toxic Release Inventory (TRI) [USEPA, 2001]. EPA has also compiled the National Toxics Inventory (NTI) [USEPA, 2000b] for 1996 and more recently the National Emissions Inventory (NEI) [USEPA, 2002b] for 1999, which augment quality-assured TRI information with estimates of toxic releases from mobile as well as various area (non-industrial) sources. Clearly the effect of these emissions in the area have to be taken into account in order to provide perspective on the impact from airport operations emissions. It should also be pointed out that in many cases (as for example, benzene) emissions reported in the 1999 NEI are substantially higher than those reported in the 1996 NTI.

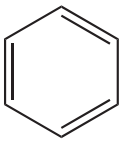
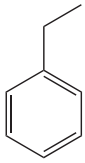
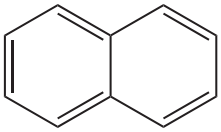
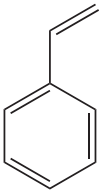
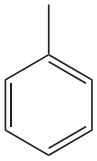
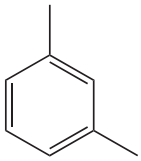
It is possible that the air quality impact of airport operations has been underestimated in the past because current regulations do not require submission of aircraft emissions estimates. Some other airport operations are, however, required to submit their release estimates.[9]

[9] It should be noted that Teterboro Airport emissions were not included in USEPA's 1996 NTI; also USGS's National Land Cover Database (NLCD) database classifies the land occupied by Teterboro Airport as mixed forest or woody wetland.

Table 1. Air quality monitoring and emissions estimation combined with air dispersion modeling are complementary approaches [adapted and modified from Vanderbilt & Lowe, 2002]

Approach	Advantages	Disadvantages
Air Monitoring	• Can capture actual variability in ambient concentrations (with changes in emissions rates and meteorological conditions), with appropriate design and sufficient (temporal and spatial) data collection	• Provides information on concentrations only for specific averaging times and only at sampled locations • Data collection is expensive • Difficult to distinguish source contributions for common pollutants (i.e. benzene)
Emissions Estimation Combined with Air Transport/Fate Modeling	• Can predict concentrations for a wide range of locations and averaging times • Can isolate the contribution of specific emissions sources to ambient concentrations – useful in evaluating/designing mitigation measures	• Uncertainties in emissions estimates and meteorological features create uncertainties in modeled concentrations in air • Provides an extremely large volume of results which can be difficult for decision-makers to interpret and utilize

Table 2. Air toxics considered in this study

				WOE*** for cancer		Chronic Inhalation non-cancer		Chronic Inhalation cancer	
Chemical Name	CAS no.*	Structure/Formula	HAP no.**	EPA	IARC	mg/m³	source/ priority	1/(µg/m³)	source/ priority
Acetaldehyde	75-07-0	CH_2-CHO	1	B2	2B	0.009	IRIS	2.2E-06	IRIS
Acrolein	107-02-8	CH_2=CH-CHO	6	C	3	0.00002	IRIS		
Benzene	71-43-2		15	A	1	0.03	EPA ORD	7.8E-06	IRIS
1,3-Butadiene	106-99-0	CH_2=CH-CH=CH_2	23	A	2A	0.002	IRIS		
Ethylbenzene	100-41-4		77	D		1	IRIS		
Formaldehyde	50-00-0	HCHO	87	B1	2A	0.0098	ATSDR	1.3E-05	IRIS
MTBE	1634-04-4	CH_3-O-C(CH_3)$_3$	114			3	IRIS		
Naphthalene	91-20-3		119	C		0.003	IRIS		
Propionaldehyde	123-38-6	CH_3-CH_2-CHO							
Styrene	100-42-5		146		2B	1	IRIS		
Toluene	108-88-3		152	D	3	0.04	IRIS		
Xylene	1330-20-7		169	D		0.43	ATSDR		

* Chemical Abstracts Service number for the compound
** Position of the compound on the HAP list in the Clean Air Act (112[b][2])
*** Weight-of-evidence. See http://www.epa.gov/iris/carcino.htm, http://193.51.164.11/monoeval/grlist.html

Table 3. Major point sources in Hudson, Essex, Union and Bergen Counties (From NJDEP permitting system, Ray Papalski, personal communication [Papalski, 2000])

Name	City	HC emissions (ppd)	NO emissions (ppd)	CO emissions (ppd)	Total emissions (ppd)
Hudson Generating Station	Jersey city	4538.46	94363.10	13556.87	112458.43
Bayway Refining Company	Linden	7651.88	18294.05	3325.92	29271.85
Atlantic Region	Newark	26606.33	0.73	1.84	26608.90
PSE&G Kearny Generating Station	Kearny	464.02	13315.70	2350.26	16129.98
PSE&G Linden Generating Station	Linden	270.84	13726.8	1941.71	15939.35
PSE&G Essex Generating Station	Newark	546.19	12218.61	2569.65	15334.45
General Motors Corporation -Linden Plant	Linden	13051.00	550.60	102.41	13704.01
Bergen County Utilities Authoirty	Little ferry	12980.85	177.87	78.32	13237.03
Applied Printing Technologies L.P.	As above	10336.68	4.00	0.84	10341.52
Barton Press Inc.	West Orange	8925.57	3.20	0.67	8929.44
Essex County Energy Recovery Facility	Newark	53.05	4273.16	1006.87	5333.07
Ogden Martin Systems of Union Inc.	Rahway	12.90	4498.25	541.82	5052.97
PSE&G Bergen Generating Station	Ridgefield	411.42	3184.31	1155.25	4750.98
Baltic Dyeing & Finishing Inc	Passaic	3668.31	5.33	1.12	3674.76
Lowe Paper Co.	Ridgefield	3454.33	142.98	54.83	3652.15
Advance Fiber Technologies Inc.	Hackensack	3434.59	5.95	1.25	3441.78
PSE&G Bayonne Generating Station	Bayonne	47.06	2820.94	132.37	3000.37
IMTT-Bayonne	Bayonne	1275.10	1140.72	453.01	2868.82
Cogen Technologies Linden Venture L.P.	Linden	75.69	2401.70	366.31	2843.70
Garden State Paper Co Inc	Garfield	293.60	2070.90	436.85	2801.35
Buckeye Pipe Line Company L.P.	Linden	2750.12	0.00	0.00	2750.12
Elmwood Energy Corp	Elmwood Park	31.78	2392.20	17.85	2441.83
Dri-Print Foils Inc	Rahway	2028.30	16.18	154.92	2199.40
Merck & Co. Inc.	Rahway	574.05	1409.40	141.11	2124.56

Table 4. Example Composition of Unleaded Aviation Gasoline: Components Listed on the CPChem Matieral Safety Data Sheet [CPChem, 1995]

Ingredients	CAS Number	% by Weight	OSHA PEL	ACGIH TLV
Methyl tert-butyl ether	1634-04-4	<15	NE	NE
Methanol	67-56-1	1	200 ppm*	200 ppm**
Ethanol	64-17-5	1.5	1000 ppm	1000 ppm
Paraffinic hydrocarbons	Various	>40	NE	NE
Olefinic hydrocarbons	Various	<13	NE	NE
Aromatic hydrocarbons	Various	<40	NE	NE
may include Benzene	71-43-2	<5	10 ppm(1)	10 ppm
Natural gasoline	8006-61-9		300 ppm	300 ppm
Light alkylate naphtha	64741-66-/		NE	NE
Heavy reformate naphtha	64741-68-0		NE	NE
Heavy cat cracked naphtha	64741-54-4		NE	NE
Straight run gasoline	68606-11-1		NE	NE
Toluene	108-88-3	<40	100 ppm	50 ppm
Isopentane	78-78-4		NE	NE
C7-C8 Isoparaffins	70024-92-9		NE	NE
N-Heptane	142-82-5		400 ppm	400 ppm
Cyclohexane	110-82-7	<1	300 ppm	300 ppm
Cyclopentane	287-92-3		600 ppm	600 ppm
Mixed Xylenes	1330-20-7	<40	100 ppm	100 ppm

(1) Areas covered by the Benzene Standard, 20 CFR 1910.1028, will have a 1 ppm 8 hour TWA and 5 ppm STEL;
*Short term exposure limit is 250 ppm; **Skin statement

Table 5. Example composition of Jet A Aviation Fuel: Components Listed on the Phillips Material Safety Data Sheet [Phillips, 2003] for Philjet® A Aviation Fuel

			Exposure Guideline		
Hazardous Components	**CAS Number**	**% Volume**	**Limits**	**Agency**	**Type**
Hydrodesulferized Kerosene C9-16	6474281-0	0-100	200* mg/m^3	ACGIH	TWA-SKIN
Hydrotreated Distillate, Light C9-16	64742-47-8	0-100	See: Kerosene C9-16		
Kerosene C9-16	8008-20-6	0-100	200* mg/m^3	ACGIH	TWA-SKIN
Naphthalene	91-20-3	0-3	10 ppm 15 ppm 10 ppm 250 ppm	ACGIH ACGIH OSHA NIOSH	TWA STEL TWA IDLH

Note: State, local or other agencies or advisory groups may have established more stringent limits.
1% = 10,000ppm. *Proposed ACGI (2002) for conditions with negligible aerosol exposures.
All component are listed on the TSCA inventory

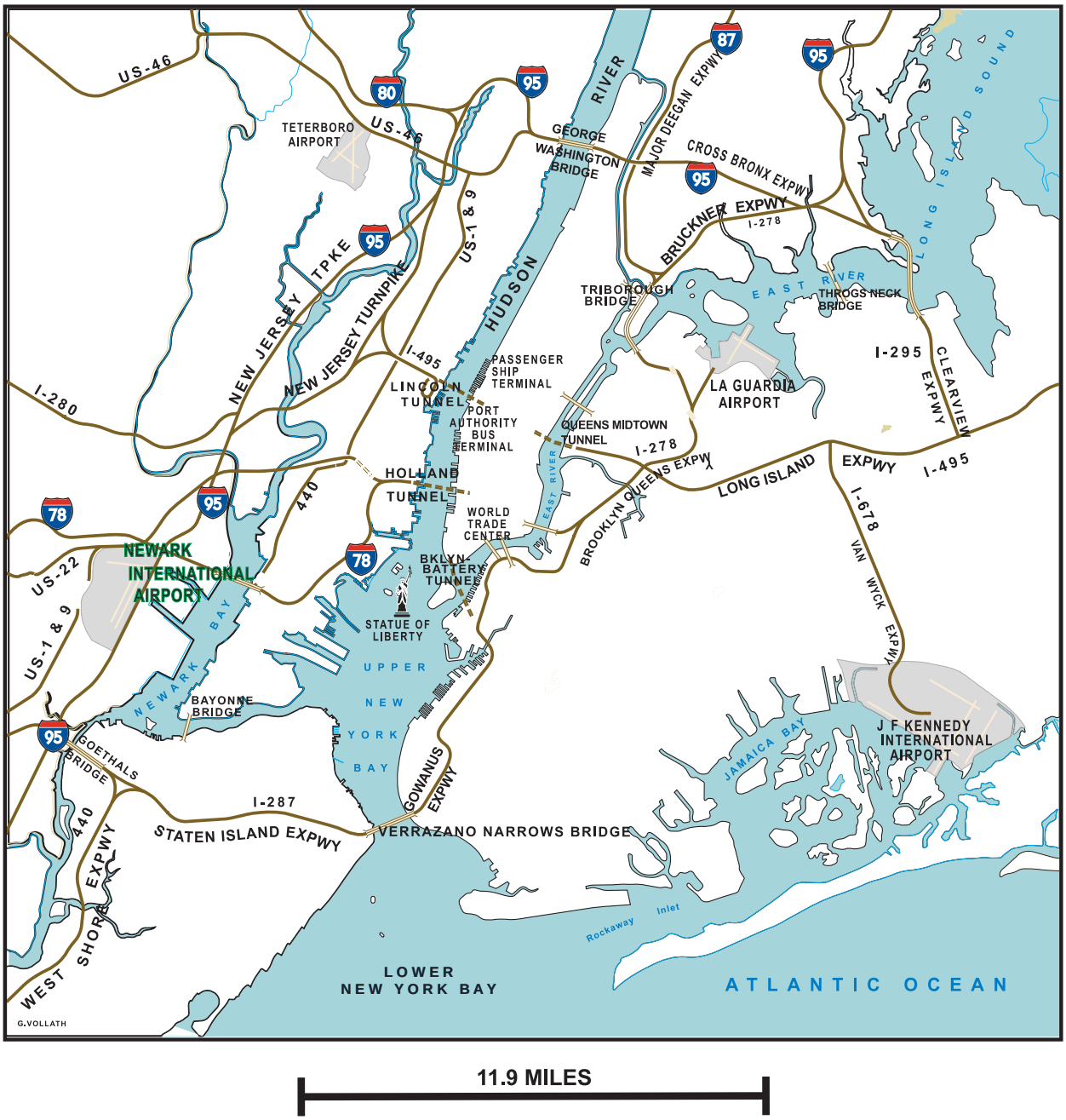


Figure 1. Major roadway access routes to Teterboro Airport (11.9 miles is the distance between Teterboro and Newark Airports). Teterboro Airport's central coordinates are UTM Zone 18 (NAD83): 579066E, 4522511N or Lat/Long: 40.8498°N, 74.0620°W.

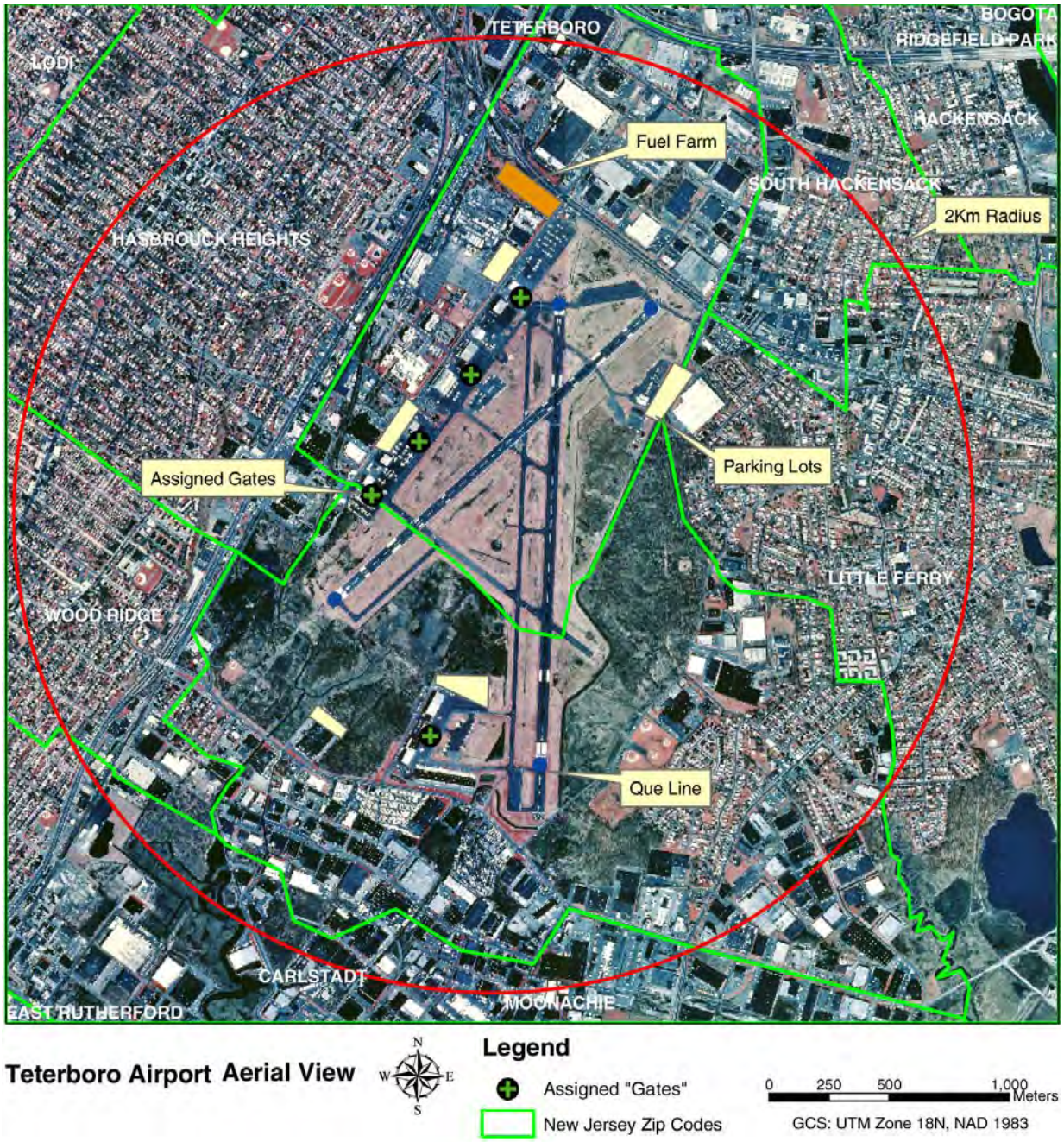


Figure 2. Aerial image of Teterboro Airport and surrounding area

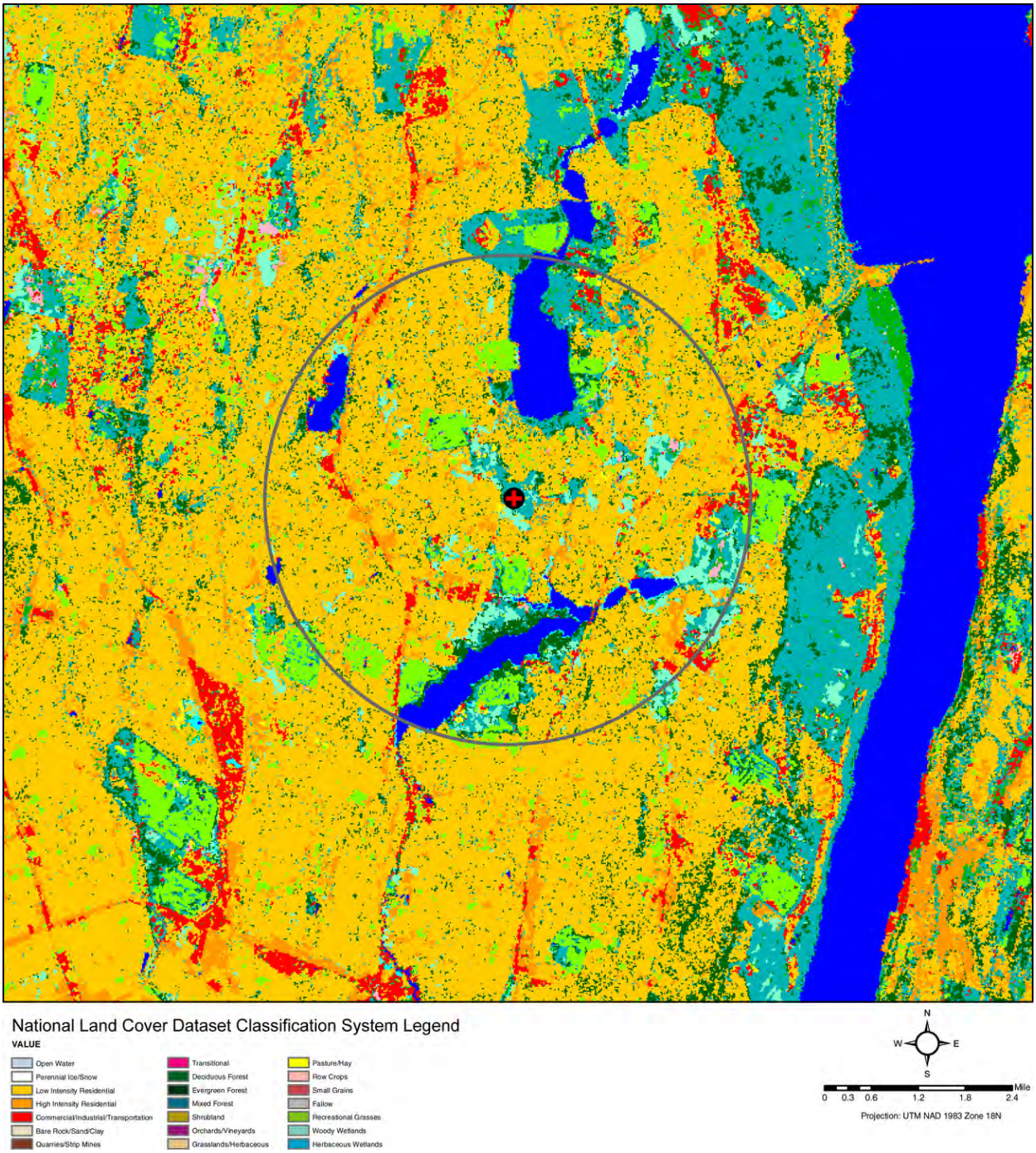


Figure 3. Land use patterns near Teterboro Airport according to USGS's NLCD (note that the land occupied by Teterboro Airport is classified as being mixed forest or woody wetland)

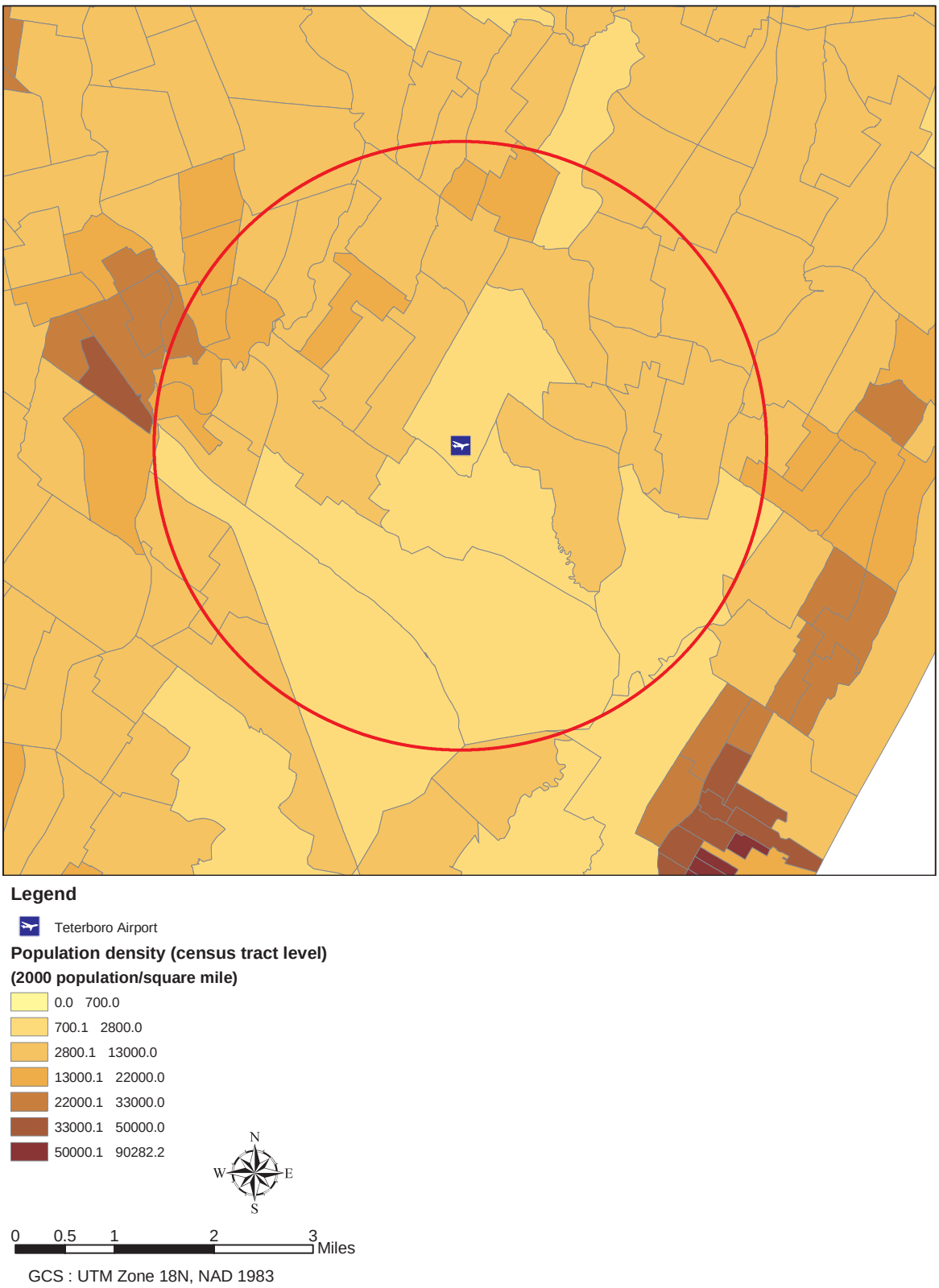


Figure 4. Population density (by census tract) in the areas surrounding Teterboro Airport

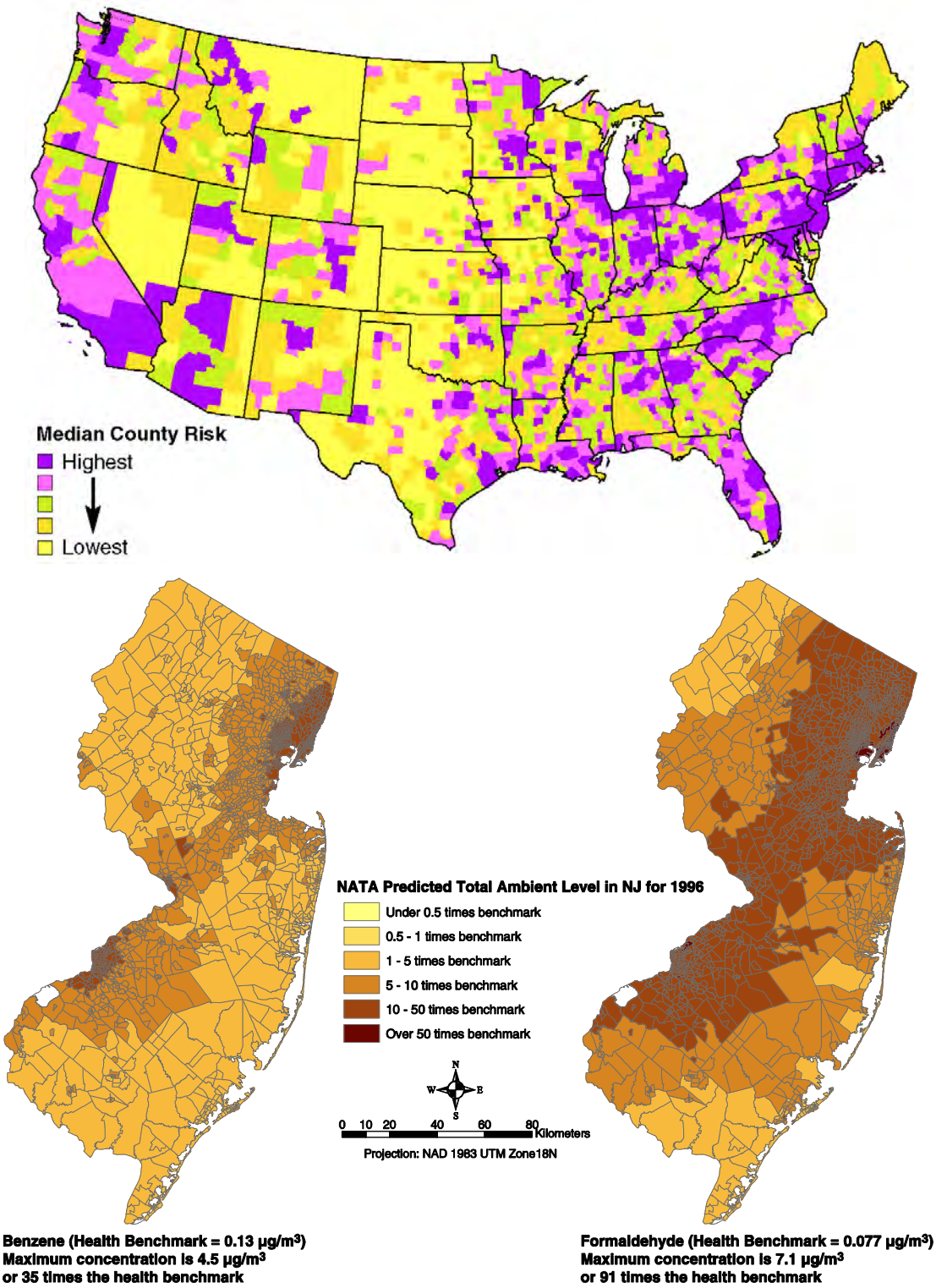


Figure 5. (a) County level comparison of risk for air toxics estimated by USEPA's national scale assessment (1996 NTI) (map from the US EPA air toxics web site, 2002) (b) Distribution of concentrations of benzene and formaldehyde (the two major drivers of risk) across New Jersey based on the estimates of NATA 1996. Note: background ambient values for the US, estimated for NATA 1996 (USEPA, 2002a) are 0.48 mg/m^3 for benzene and 0.25 mg/m^3 for formaldehyde

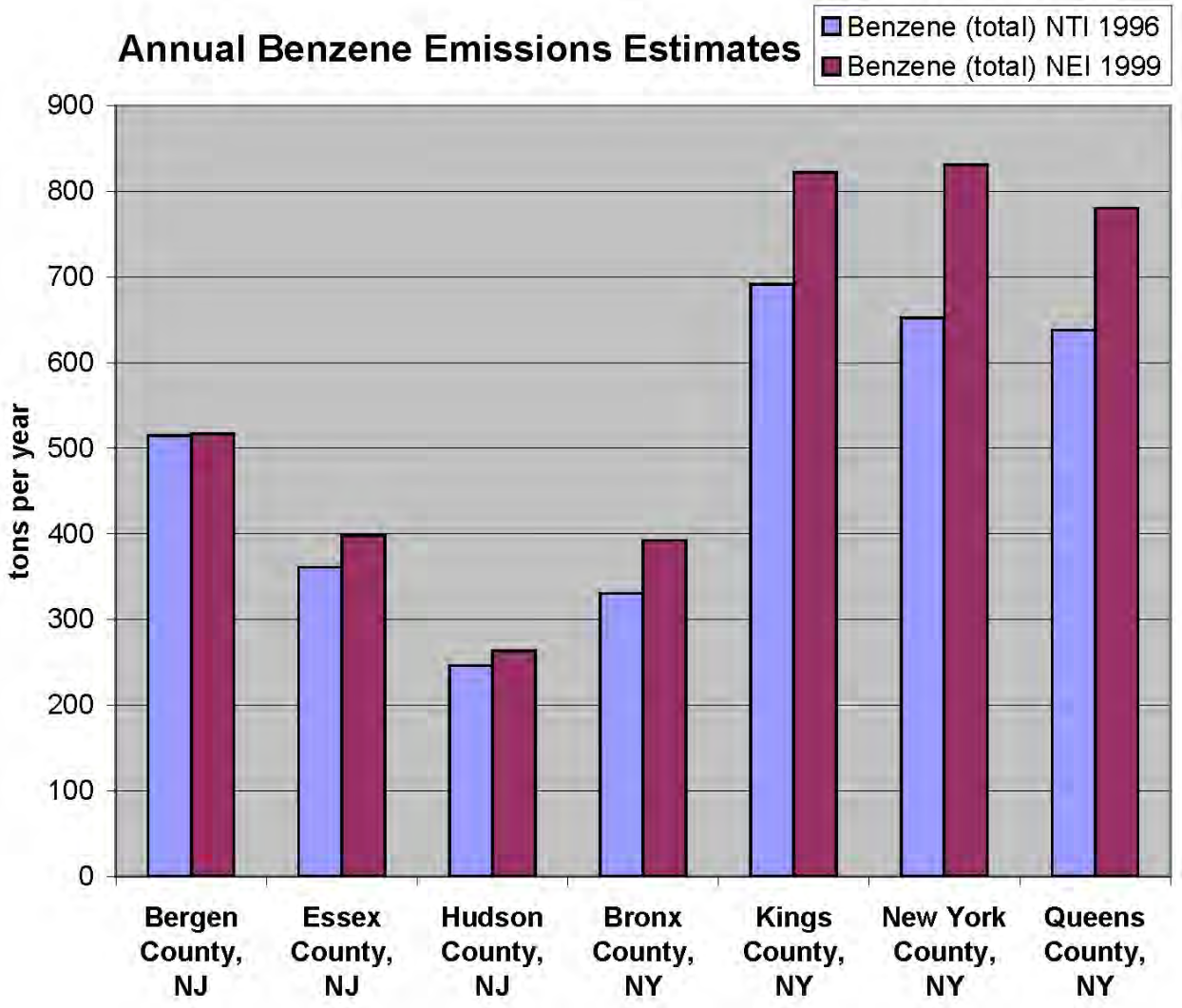


Figure 6. Emission estimates of major air toxics in the region surrounding Teterboro Airport have increased from 1996 (NTI) to 1999 (NEI) (example: benzene)

2 APPROACH AND METHODS

Both long-term (for the development of annual average estimates) and short-term (for the development of daily/weekly estimates) mathematical/computational modeling analyses were performed to study the relative contributions of different emission sources to locations in the vicinity of Teterboro Airport. Specifically, all census tracts (a total of 53) totally or partially within a 5 km radius from the Airport were used to define the "receptor domain" of the studies (see Figure 7). (The long-term and short-term studies used, however, different "emission domains", reflecting the different focus and concerns of the corresponding analyses). Both long-term and short-term calculations considered conditions relevant to the year 1999, as this is the most recent year for which detailed emission inventories have been compiled and quality assured by State environmental agencies and the USEPA.[10]

- The annual analysis employed the latest release of USEPA's air toxics oriented atmospheric dispersion model, the Assessment System for Population Exposure Nationwide (ASPEN) [USEPA, 2000a], for calculating annual average ambient concentrations of the twelve air toxics selected for this study. The annual modeling approach followed here was adapted from the National Air Toxics Assessment (NATA) study, conducted by USEPA for 1996 utilizing the National Toxics Inventory (NTI) available for that year [USEPA, 2002a]. In analogy with the 1996 NATA approach, an "emissions domain," extending to a radius of 25 km from Teterboro airport (see Figure 8), was used here, to ensure that the most significant upwind emissions, affecting local air quality in the vicinity of the airport, are properly considered in the analysis. Meteorological data from this extended domain were also used to characterize both emission and atmospheric dispersion attributes during 1999. County-level emissions were processed through a series of computer programs developed by USEPA, collectively comprising the Emissions Modeling System for Hazardous Air Pollutants (EMS-HAP) [Strum et al., 2002], to produce inputs for the ASPEN model simulations.
    - Two different sets of estimates for the emissions of the air toxics of concern from Teterboro airport were used in the annual period based simulations: "base" or preliminary estimates based on nationwide averages of fleet composition and fuel usage, and "case specific" or adjusted estimates that took into account actual Teterboro airport fueling activity data, as provided by PANYNJ.

[10] Nationwide emissions estimates for 1999 have been developed by USEPA and State agencies for 188 air contaminants and have been organized into a comprehensive system, the 1999 National Emissions Inventory (NEI) [USEPA, 2003a, 2003b, 2003c]. The draft 1999 NEI (release version 3), provided by USEPA in 2002, was used for the annual average based calculations of the present study. The final 1999 NEI (release version 3) was made publicly available in September 2003.

- The short-term analysis was conducted with focus on the week of July 20-27, 1999, and included both:
  - A local modeling study employing FAA's EDMS (Emissions and Dispersion Modeling System) [CSSI, 2001], which incorporates FAA's comprehensive emissions database and USEPA/AMS' AERMOD dispersion model [USEPA, 1998a]. Airport operations data provided by PANYNJ were used as the inputs to the EDMS model. Objective of this analysis was mainly to characterize day-to-day variability on the ambient local levels of volatile organic compounds emitted by airport operations as well as from the local roadways.
  - A regional modeling study employing USEPA's photochemical air Quality modeling system, Models-3/CMAQ (3rd generation model for Community Multiscale Air Quality studies [Byun & Ching, 1999] . Objective of this analysis was to consider the effects of broad regional emissions and of atmospheric photochemistry on formaldehyde, which is the most chemically reactive of the air toxics considered here; it should be noted however, that this analyses focuses more on characterizing diurnal dynamics of formaldehyde across the entire local "receptor domain" of this study and does not have the resolution to differentiate between nearby census tracts. The emissions domain for this analysis was extended over the entire Eastern US - see Figure 9.

2.1 Modeling the Annual Average Impact of Airport Operations on Local Air Quality

2.1.1 Estimation of Annual Emissions

The Emissions Modeling System for Hazardous Air Pollutants (EMS-HAP) [Strum et al., 2002] Version 2.0[11] is a series of computer programs that process emission inventory data for toxic air pollutants for subsequent air quality modeling using either the Assessment System for Population Exposure Nationwide (ASPEN) dispersion model [USEPA, 2000a] or the Industrial Source Complex Short Term Version 3 (ISCST3) dispersion model [USEPA, 1995a].

To process data for the ASPEN model, EMS-HAP:

- checks inventory location data, converts to latitude/longitude coordinates and defaults missing or out-of-range data where possible,
- checks inventory stack parameter data and defaults missing or out-of-range data,
- groups and/or partitions individual pollutant species into appropriate groups,
- spatially allocates county-level stationary and mobile source emissions to the census tract level using spatial surrogates such as population,

[11] In order to facilitate the reader in understanding the steps and procedures involved in processing emissions data via EMS-HAP, parts of the *User's Guide for the Emissions Modeling System for Hazardous Air Pollutants (EMS-HAP) Version 2.0* [Strum et al., 2002] have been either extracted or summarized in the following sub-sections. For more details, the reader is however urged to consult the above User's Guide and the documentation accompanying the EMS-HAP software system.

- allocates county-level aircraft emissions to airport locations,
- temporally allocates annual emission rates to annually averaged (i.e., same rate for every day of the year) 3-hour emission rates,
- assigns reactivity and particulate size classes to the pollutants to allow ASPEN to simulate decay and deposition, and,
- produces emission files formatted for direct input into the ASPEN model.

EMS-HAP is written in the SAS programming language and is designed to run on Unix workstations. EMS-HAP can process three types of emission data: (1) point source data where emission sources are associated with specific geographic coordinates; (2) county-level "nonpoint"[12] source data where stationary source emissions are reported at the county level; and (3) mobile source data where emission sources are also reported at the county level. EMS-HAP requires all emission inventory input data to be SAS formatted.

To process data for the ASPEN model, EMS-HAP uses five point source programs, two non-point source programs, two mobile source programs, and one aircraft emissions program:

Point Source Programs

1. PtDataProc – The Data Quality Assurance Program
2. PtModelProc - The Model-Specific Program
3. PtTemporal - The Temporal Allocation Program
4. PtGrowCntl - The Growth and Control Program
5. PtFinal_ASPEN - The Final Format Program for ASPEN

Non-point Source Programs

1. AreaPrep - The Area Source AMProc Preparation Program
2. AMProc - The Area and Mobile Source Processor

Mobile Source Programs

1. MobilePrep - The Mobile Source AMProc Preparation Program
2. AMProc - The Area and Mobile Source Processor

Aircraft Program

[12] Note the use of the term "non-point inventory" to describe what was formerly referred to as the area source inventory so as not to conflict with the regulatory term "area source" which is used to describe a type of stationary source based on its size as defined in the Clean Air Act. Non-point sources are stationary sources inventoried at the county-level. However, the term "area" is used in the name of the EMS-HAP programs for processing the non-point inventory.

1. AirportProc - The Aircraft Emissions Processing Program

Note that AMProc is used for both non-point and mobile source emissions processing.

Figure 10 provides a general overview of EMS-HAP data processing for the ASPEN model. The program PtGrowCntl is optional, used only when it is necessary to project the point source inventory to a future year.

2.1.1.1 The Aircraft Emissions Processing Program (AirportProc)

AirportProc is the first program to run in EMS-HAP, and the mobile source and point source inventories to input to AirportProc are the initial inventories. AirportProc can be run for mobile sources only, without appending the point source inventory to the allocated aircraft emissions. The point source output inventory from AirportProc is used as the input to PtDataProc and the mobile source output inventory as the input to MobilePrep.

The Aircraft Emissions Processing Program (AirportProc) provides a means to model aircraft emissions as discrete point sources located at airports, instead of spatially allocated mobile sources.

AirportProc performs the functions listed below:

- Allocates county-level aircraft emissions to specific airports
- Prepares allocated emissions for the point source processing programs
- Appends unallocated airport emissions back to the mobile source inventory

Allocates county-level aircraft emissions to specific airports

AirportProc first extracts aircraft emissions records from the mobile source inventory. AirportProc extracts only those records that have the first six digits of the Area/Mobile Source (AMS) code equal to either 227500 (airports, commercial) or 227505 (general aviation). If the inventory's aircraft emissions have other AMS codes, it is necessary to modify those codes so that their first six digits are either 227500 or 227505 before running AirportProc.

AirportProc then matches each aircraft emission record in the mobile source inventory to one or more specific airports that are in the same county. To do this, AirportProc uses an ancillary airport allocation SAS file, containing data on airport locations and allocation factors. The name of the file supplied with EMS-HAP is apt_allc. AirportProc matches aircraft emissions to airport locations only based on the county and not on the AMS code. Any different aircraft AMS codes within the same county will thus be allocated to exactly the same airports.

The allocation factors in apt_allc allocate the aircraft emissions as follows:

- If a county has both commercial and noncommercial airports, then emissions are only allocated to the commercial airports (even if the AMS code begins with 227505). This is because commercial airports are assumed to have general aviation as well as commercial activity.

- If multiple commercial airports are located in the county, then emissions are divided among the commercial airports based on passenger data for 1996.
- If a county has multiple noncommercial airports, then emissions are divided equally among them.

Prepares allocated emissions for the point source processing programs

AirportProc creates the variables required by EMS-HAP to process the aircraft emission records as point sources. Table 6 shows the list of variables AirportProc assigns along with the source of the data or the value assigned. AirportProc also creates the MACTCODE, SIC, ZIP_CODE, UTM_Z, CNTL_EFF and the stack parameter variables and sets their values to missing. EMS-HAP's point source processing programs require these variables to be present in the input inventory SAS data set.

The missing stack parameters for aircraft emissions will be defaulted by either SCC code, which, for allocated aircraft emissions, is the AMS code, or by global defaults when the first point source processing program, PtDataProc, is run. EMS-HAP assigns stack parameters to aircraft emissions for the ASPEN model because ASPEN requires stack parameters for all point source emission records. When processing data for ASPEN in PtModelProc, aircraft emissions are assigned a vent type of nonstacked source, which tells the ASPEN model not to perform plume rise calculations for these emissions.

After creating the necessary variables for allocated aircraft records, AirportProc either appends the records to the rest of the point source inventory or creates a separate file containing the records. Having them in a separate file enables aircraft point sources to be run through the point source programs separately from the non-aircraft point sources. Appending them with the point source inventory reduces the amount of programs needed to run, since it is only necessary to run the point source processing programs one time (for all point sources together).

Appends unallocated airport emissions back to the mobile source inventory

If the inventory contains county-level aircraft emissions (i.e., AMS code equal to either 227500 or 227505) for a county that has no airports in the ancillary airport allocation file, these emissions cannot be modeled through the point source processing programs as sources with discrete locations. AirportProc identifies these records and then either appends them back into the mobile source inventory, or puts them in a separate file which is output by AirportProc in place of the mobile source inventory. The option is selected by specifying a value for keyword ADD2MB in the batch file. AirportProc names the output mobile inventory by keyword OUTMOBIL. Depending on the keyword ADD2MB, this file contains either the mobile source inventory with unallocated aircraft emissions or the unallocated aircraft emissions by themselves. If AirportProc is used to output the unallocated aircraft emissions by themselves (ADD2MB=0), this output cannot be used for mobile source processing, because it is missing the rest of the mobile inventory, so eventually it will be necessary to rerun AirportProc with ADD2MB=1.

2.1.1.2 The Data Quality Assurance Program (PtDataProc)

The point source inventory that is input to PtDataProc is the output from AirportProc or is the initial point source inventory. The output inventory from PtDataProc is used as as the input to PtModelProc.

PtDataProc prepares the point source emission inventory for modeling by assuring that each record contains valid location coordinates and reasonable stack parameters. The user controls which of the three functions listed below are performed in any given execution of PtDataProc.

- Quality assures point source location data
- Quality assures stack parameters- defaults if missing or out-of-range and for all allocated aircraft emissions
- Removes inventory variables and records not necessary for further processing (inventory windowing)

Quality assures point source location data

PtDataProc calculates the location of each point in the coordinate system appropriate for the model.

Calculating geographic coordinates from variables X, Y, and XY_TYPE

Some records in the point source inventory may have their geographical coordinates expressed in the latitude-longitude coordinate system (XY_TYPE='LATLON') and other records may have the universal transverse mercator (UTM) coordinate system (XY_TYPE='UTM'). PtDataProc calculates latitude and longitude in decimal degrees based on the value of the XY_TYPE variable and the values of the X, Y, and UTM_Z variables. The X and Y values for UTM coordinates can be expressed in meters or kilometers, and the values for latitude and longitude coordinates can be expressed in decimal degrees or in degrees-minutes-seconds format (excluding decimal point or any other separating characters).

Defaulting missing or out-of-range location data when processing data

If the location data provided on a record are incomplete or out-of-range (LLPROB='missing' or LLPROB='bad_loc'), PtDataProc defaults the latitude and longitude based on the zip code, or, if no zip code is provided, on the state and county FIPS code of the site. PtDataProc considers the location out-of-range if the calculated latitude and longitude are outside of an area including the U.S., Puerto Rico, and U.S. Virgin Islands. The default location based on the zip code is the centroid latitude and longitude of the zip code area. If the record being defaulted to the zip code centroid does not have a valid FIPS, PtDataProc changes it to the FIPS represented by the zip code location. (Note that this will occur as long as the inventory state FIPS, if valid, is not inconsistent with the state FIPS determined by the zip code.)

Checking consistency between geographic coordinates and FIPS code

For some sources, there may be a discrepancy in the location information due to errors in the inventory. For example, the latitude and longitude may indicate that the source is located in New York, but the FIPS indicates Michigan. PtDataProc addresses this situation by:

1. Calculating a latitude/longitude coordinate-based FIPS, referred to hereafter as the "alternate FIPS," for each unique set of geographic coordinates in the inventory.
2. Determining whether the alternate FIPS matches the inventory FIPS
3. Resolving the discrepancy when the alternate FIPS does not match the inventory FIPS

Quality assures stack parameters- defaults if missing or out-of-range and for all allocated aircraft emissions

PtDataProc checks each record for valid stack parameters and provides defaults to missing or out-of-range data. PtDataProc determines if a non-missing stack parameter is out-of-range by comparing it to the minimum and maximum range values you provide in the batch file. Because AirportProc sets the stack parameters for allocated aircraft emissions to missing, PtDataProc will default stack parameters for these emission records. PtDataProc defaults missing aircraft emission stack parameters the same way it defaults all other missing stack parameters.

Removes inventory variables and records not necessary for further processing (inventory windowing)

Because point source inventories can be very large, it is useful, for further processing of the data through EMS-HAP, to reduce the size of the inventory file as much as possible. The PtDataProc program achieves this in two ways: (1) by removing nonessential variables from your inventory and (2) by removing nonessential records from your inventory.

2.1.1.3 The Model-Specific Program (PtModelProc)

The Model-Specific Processing Program (PtModelProc) performs pollutant selection, grouping and partitioning functions and assigns pollutant and source-specific parameters to the point source inventory. In particular, PtModelProc performs the functions listed below:

- Selects pollutants, groups and/or partitions pollutants, and determines their characteristics
- Assigns urban/rural dispersion parameters
- Assigns vent type and building parameters

Selects pollutants, groups and/or partitions pollutants, and determines their characteristics

PtModelProc reads the point source inventory and selects, partitions, and groups pollutants to be modeled by ASPEN. It also assigns the pollutant characteristics of “reactivity class” or “particulate size class” that the ASPEN model uses to control reactive decay and deposition.

The user controls the selection, partitioning and grouping of pollutants, and the assignment of reactivity/particulate size class through entries in an ancillary file that are referedr to as the “HAP table.” PtModelProc uses two HAP table files. One is for the allocated aircraft emissions which are obtained by running AirportProc. The other is for all other (i.e., non-aircraft) point sources.

Assigns urban/rural dispersion parameters

The dispersion algorithm in the ASPEN model uses different dispersion parameters and deposition rates for urban and rural sources to account for the effect of land characteristics (e.g., numerous tall buildings) on these mechanisms. Therefore, each source must be identified as being either in an urban or rural census tract. PtModelProc supplies this information through the assignment of the urban/rural flag where a value of 1 (one) indicates an urban tract, and a value of 2 indicates a rural tract.

Assigns vent type and building parameters

PtModelProc assigns the vent type variable (IVENT) based on the stack type, as specified by the emission release point type variable. An IVENT value of 0 (zero) represents a stacked vent, and the ASPEN model performs plume rise calculations for these stacks. When the IVENT value is 1 (one), a non-stacked vent, ASPEN does not perform plume rise calculations.

The building parameters required by the ASPEN model are: building code (variable IBLDG), building width (variable BLDW), and building height (variable BLDH). For ASPEN processing, PtModelProc sets IBLDG to 1 (one) and BLDH and BLDW to 5 meters for horizontal stacks; for all other stacks, PtModelProc sets IBLDG, BLDH and BLDW to 0 (zero). Stacks with heights greater than or equal to 65 meters are not assigned building parameters; their values remain as missing.

2.1.1.4 The Temporal Allocation program (PtTemporal)

The PtTemporal program temporally allocates annual point source emissions. Temporal allocation is the process of estimating emissions at temporal scales different than the scales of the input emission inventory. The ASPEN model requires emissions for eight 3-hour periods within an annually-averaged day; this yearly uniform allocation of annual emissions to days results in each day of the year containing the same emissions. When processing data for the ASPEN model, this program produces these eight emission rate estimates for each annual emission record in the point source inventory.

PtTemporal performs the following functions:

- Assigns a temporal profile to each emission record
- Uses the hourly profiles to produce eight 3-hour emission rates

Assigns a temporal profile to each emission record

PtTemporal assigns temporal profiles from an ancillary temporal allocation factor (TAF) file. The TAF file contains temporal profiles based on 8-digit AIRS Source Classification Codes (SCC) or 10-digit Area and Mobile System (AMS) codes. In the TAF file used to process data for ASPEN, each temporal profile consists of 24 temporal allocation factors (TAFs) that can allocate annual emissions to each hour of an average day.

PtTemporal attempts to match each record in the emission inventory to a temporal profile in the TAF file based on either the SCC code, the Standard Industrial Classification (SIC) code, or the Maximum Achievable Control Technology (MACT) code.

Uses the hourly profiles to produce eight 3-hour emission rates

Because ASPEN requires emissions for eight 3-hour periods of an average day, PtTemporal uses the 24 hourly factors in the TAF file (which reflect an average day) to produce 3-hour TAFs and average emission rates for the 3-hour periods. The following equation shows the methodology for the 3-hour period from midnight to 3 am.

$$E_{0-3} = E_{ann} \times \text{ave TAF}_{0\text{-}3} \qquad \text{Equation 1}$$

where:

E_{0-3} = emission rate during the midnight to 3 a.m. time period for an average day (tons/year)

E_{ann} = annual emissions (tons/year)

ave TAF_{0-3} = $(HF_1 + HF_2 = HF_3)/3$ x 24 hours/day

where:

HF_n = temporal allocation factor for hour "n" (fraction of daily emissions occurring in hour "n" – ([tons/hour]/[tons/day])

2.1.1.5 The Final Format Program for ASPEN (PtFinal_ASPEN)

The Final Format Program for ASPEN (PtFinal_ASPEN) creates the emission input files for the ASPEN model. PtFinal_ASPEN performs the functions listed below.

- Assigns ASPEN source groups used in the ASPEN model output
- Converts temporally allocated emissions from tons/year to grams/second for each of the eight 3-hour periods
- Creates ASPEN input files, a SAS file and an optional column formatted text file

Assigns ASPEN source groups used in the ASPEN model output

The ASPEN model computes concentrations by source groups which can be used to analyze the relative impacts of different types of emissions sources. ASPEN can use up to 10 source groups. PtFinal_ASPEN can assign ASPEN source groups by the criteria listed below.

- source type (variable SRC_TYPE)
- MACT category code (variable MACTCODE)
- 6-digit SCC
- SIC

Converts temporally allocated emissions from tons/year to grams/second for each of the eight 3-hour periods

PtTemporal produces emissions in units of tons per year for each of the eight 3-hour time periods. PtFinal_ASPEN converts these emissions to grams per second, because these units are required by the ASPEN model. The following formula is used:

$$E_{gps(i)} = E_{tpy(i)} \times \left(\frac{1\text{ year}}{365\text{ days}}\right) \times \left(\frac{1\text{ hr}}{24\text{ hrs}}\right) \times \left(\frac{1\text{ hr}}{3600\text{ sec}}\right) \times \left(\frac{907{,}184\text{ grams}}{\text{ton}}\right) \qquad \text{Equation 2}$$

where:

$E_{gps(i)}$ = emissions grams/second for time block i (where i represents one of the eight 3-hour time blocks; e.g., time block i=1 represents the midnight to 3 a.m. time period)

$E_{tpy(i)}$ = emissions (tons/year) for time block i

Creates ASPEN input files, a SAS file and an optional column formatted text file

PtFinal_ASPEN can create three different types output files:

1. The ASPEN input files
2. A column formatted ASCII text file
3. A SAS output file

2.1.1.6 The Area Source AMProc Prearation Program (AreaPrep)

AreaPrep is the first nonpoint source processing program run in EMS-HAP and the non-point source inventory input to AreaPrep is the initial inventory. The output inventory from AreaPrep is used as the input to AMProc.

The Area Source AMProc Preparation Program (AreaPrep) prepares the non-point source emission inventory for the Area and Mobile Source Processor (AMProc). AreaPrep performs the following functions:

- Assigns a spatial surrogate for each non-point source category for subsequent spatial allocation of county-level emissions
- Assigns a code to each source category for matching to temporal profiles
- Creates inventory variables required by AMProc

Assigns a spatial surrogate for each non-point source category for subsequent spatial allocation of county-level emissions

AreaPrep assigns spatial surrogates to be used for spatial allocation in AMProc. Emission processors use surrogates for spatial allocation of emissions based on the premise that the geographic distributions of particular surrogates is similar to the geographic distributions of emissions from particular source categories.

Assigns a code to each source category for matching to temporal profiles

As with spatial surrogate assignments, EMS-HAP uses the various codes that may be present in the inventory to match inventory records with temporal profiles. AreaPrep assigns this code the same way it assigns a spatial surrogate.

AreaPrep also reads the temporal allocation factor (TAF) ancillary input file. The TAF file used here is the same as the one used for point source temporal allocation. If there are source categories with no temporal allocation factor assignments, AreaPrep provides a warning that these categories will be assigned a uniform temporal profile.

Creates inventory variables required by AMProc

AreaPrep creates the 5-character STCOUNTY variable by concatenating the 2-digit STATE and the 3-digit COUNTY variables. It also creates the POLLCODE variable and sets its value equal to the CAS variable. The non-point source inventory you input to AMProc requires these variables.

2.1.1.7 The Mobile Source AMProc Preparation Program (MobilePrep)

The mobile source inventory that is input to MobilePrep is the output from AirportProc or is the initial mobile source inventory. The output inventories from MobilePrep are used as inputs to AMProc.

MobilePrep is used to prepare mobile source emissions for input to the AMProc. MobilePrep performs the following functions:

- Splits the mobile source inventory into onroad and nonroad inventories
- Creates inventory variables required by AMProc

Unlike AreaPrep, MobilePrep does not assign spatial surrogates. AMProc performs these functions for mobile sources.

Splits the mobile source inventory into onroad and nonroad inventories

MobilePrep splits the mobile source inventory into onroad and nonroad inventories based on the inventory AMS code. If the first 3 characters of the AMS code are 220 or 223, then the emission records are written into the onroad file (last two characters of the file name are ‘on’); records having all other AMS codes are written to the nonroad emissions file (last two characters are ‘of’).

MobilePrep creates separate onroad and nonroad emission inventories to allow these inventories to be processed separately in AMProc. It is best to process these inventories separately through AMProc because it is the only way to assign different pollutant characteristics such as coarse/fine particulate matter splits for onroad and nonroad sources.

Creates inventory variables required by AMProc

MobilePrep creates the 5-character STCOUNTY variable by concatenating the 2-digit STATE and the 3-digit COUNTY variables. It also creates the POLLCODE variable and sets its value equal to the CAS variable. These variables are required in the inventory you input to AMProc.

2.1.1.8 The Area and Mobile Source Processor (AMProc)

The non-point inventory that is input to AMProc is the output from AreaPrep. it is often necessary to run AMProc separately for nonroad and onroad sources. The mobile inventory that is input to AMProc is either the nonroad inventory, the onroad inventory, or the combined nonroad and onroad inventory output from MobilePrep. This is the last non-point and mobile source program run when processing data for the ASPEN model.

The Area and Mobile Sources Processor (AMProc) is the core of EMS-HAP's processing of nonpoint and mobile source emissions that are inventoried and processed at the county-level. It performs the functions listed below.

- Selects pollutants, groups and/or partitions pollutants, and assigns their characteristics
- Spatially allocates county-level emissions
- Temporally allocates emissions
- Assigns ASPEN-specific modeling parameters
- Assigns source groups and source type
- Converts temporally allocated emissions from tons/year to grams/second for each of the eight 3-hour periods
- Creates ASPEN input files, column formatted text and SAS files

Selects pollutants, groups and/or partitions pollutants, and assigns their characteristics

One of AMProc's first functions is the selection, partitioning, and grouping of pollutants to be modeled by ASPEN and the assignment of their characteristics. This same function is performed for point source processing with the PtModelProc program. As with point source processing, these processes are controlled through entries in an ancillary input file referred to as the "HAP table" file. Unlike point sources, AMProc uses only one HAP table. Thus, in order to specify a different HAP table for onroad sources than nonroad sources, it is necessary to run AMProc twice, once with the onroad HAP table and onroad emissions, and once with the nonroad HAP table and nonroad emissions.

Spatially allocates county-level emissions

Emission inventories generally provide non-point and mobile source emissions at the county level. When processing data for ASPEN, EMS-HAP spatially allocates county-level emissions to the census tracts within each county. AMProc uses "spatial allocation factors" to apportion county-level emissions to the appropriate geographical area. These spatial allocation factors are derived from data on the geographic distribution of various "spatial surrogates" that are believed to have geographic variations similar to those of emissions from various source categories. For example, the residential heating source categories may be allocated using the geographic distribution of population, while autobody refinishing may be allocated using the geographic distribution of commercial land.

$$E_{tract,\ county,\ j} = E_{county,\ j} \times S_{county,\ tract,\ j} \qquad \text{Equation 3}$$

where

$E_{tract,\ county,\ j}$ = census tract emissions from source category j in a county

$E_{county,\ j}$ = emissions from category j in county that contains census tract or grid cell

$S_{county,\ tract,\ j}$ = spatial allocation factor for tract in county that corresponds to spatial surrogate assigned to source category j.

Temporally allocates emissions

AMProc temporally allocates annual non-point and mobile source emissions similarly to the methodology PtTemporal uses for point sources. When processing data for the ASPEN model, AMProc produces eight emission rate estimates for each spatially allocated source in the non-point or mobile source inventory.

Just as PtTemporal does for point sources, AMProc produces the emission rate estimates for non-point and mobile source categories using temporal profiles from model-specific ancillary temporal allocation factor (TAF) files. The same TAF files are used for processing the non-point, mobile and point source inventories.

Assigns ASPEN-specific modeling parameters

Urban/Rural Dispersion Parameters

The dispersion algorithm in the ASPEN model uses different dispersion parameters and deposition rates for urban and rural sources to account for the effect of land characteristics (e.g., numerous tall buildings) on these mechanisms. Therefore, each tract must be identified as being either urban or rural. AMProc supplies this information through the assignment of the urban/rural flag where a value of 1 (one) indicates an urban tract, and a value of 2 indicates a rural tract.

Vent Type Parameter IVENT

An IVENT value of 0 (zero) represents a stacked vent. The ASPEN model performs plume rise calculations for these stacks. An IVENT value of 1 (one) represents a non-stacked vent. ASPEN does not perform plume rise calculations for this case. IVENT is set to 1 (one) for all non-point and mobile sources because stacks are not being processed.

Assigns source groups and source type

The ASPEN model can compute concentrations by source groups (up to 10) that can then be used to analyze the relative impacts of different types of emissions sources. AMProc can assign source groups based on a particular source category or combinations of different source categories and/or the designation of the county containing the emission source as urban or rural. Use of the county-level urban/rural designation allows you to group non-point or mobile sources located in urban counties differently from sources located in rural counties.

Converts temporally allocated emissions from tons/year to grams/second for each of the eight 3-hour periods

AMProc produces emissions for ASPEN in units of tons per year for each of the eight 3-hour time periods. AMProc converts these emissions to grams per second using the following formula:

$$E_{gps(i)} = E_{tpy(i)} \times \left(\frac{1\text{ year}}{365\text{ days}}\right) \times \left(\frac{1\text{ hr}}{24\text{ hrs}}\right) \times \left(\frac{1\text{ hr}}{3600\text{ sec}}\right) \times \left(\frac{907{,}184\text{ grams}}{\text{ton}}\right) \qquad \text{Equation 4}$$

where:

$E_{gps(i)}$ = emissions grams/second for time block i (where i represents one of the eight 3-hour time blocks; e.g., time block i=1 represents the midnight to 3 a.m. time period)

$E_{tpy(i)}$ = emissions (tons/year) for time block i

Creates ASPEN input files, column formatted text and SAS files

AMProc creates three different types of output files when processing data for ASPEN:

1. The ASPEN input files
2. A column formatted ASCII text file
3. SAS output files – a core file and an extended file.

2.1.2 Estimation of Annual Average Concentrations

The Assessment System for Population Exposure Nationwide[13] (ASPEN) model [USEPA, 2000a] consists of two modules, ASPENA and ASPENB, and a series of post-processing programs. ASPENA is a dispersion module that estimates ambient concentration increments at a set of fixed receptor locations in the vicinity of an emission source (i.e., the receptor grid). ASPENB is a mapping module that interpolates ambient concentration increment estimates from the grid receptors to census tract centroids, and sums contributions from all modeled sources. The post-processing programs:

- distribute background HAP concentrations by census tract (BCKGRND program),
- generate the secondary compound concentrations and combine the concentrations of the primary and secondary compounds (SEC_DAT program),
- calculate the total pollution concentration from all source categories for each HAP from the ASPENB output files (MRG_DAT program),
- calculate the annual average HAP concentration (AVG_DAT program), and
- convert the concentration data files from binary to ASCII format (EXTR_DAT program).

[13] In order to facilitate the reader in understanding the steps and procedures involved in calculating atmospheric dispersion and developing estimates of ambient concentrations, via ASPEN, parts of the *User's Guide for the Assessment System for Population Exposure Nationwide (ASPEN, Version 1.1) Model* [USEPA, 2000a] have been either extracted or summarized in the following sub-sections. For more details, the reader is however urged to consult the above User's Guide and the documentation accompanying the ASPEN software system.

Together, the ASPEN programs estimate annual average air toxics concentrations (in µg/m^3) at each census tract for each of eight 3-hour time blocks for each HAP/source category combination. The major processes of the two modules are illustrated in the flow diagram shown in Figure 11.

The ASPEN modeling system can be examined by its two main components: dispersion module (ASPENA) and mapping module (ASPENB).

ASPENA

ASPENA uses a Gaussian model formulation and climatological data to estimate long-term average pollution concentrations. For each source, the model calculates ground-level concentrations as a function of radial distance and direction from the source at a set of receptors laid out in a radial grid pattern. These concentrations represent the steady-state concentrations that would occur with constant emissions and meteorological parameters. For each grid receptor, concentrations are calculated for each of a standard set of stability class/wind speed/wind direction combinations. These concentrations are averaged together using the annual frequency of occurrence of each combination (i.e., the climatology) as weightings.

These meteorological frequency distributions are typically prepared for the entire simulation period, usually one or more years. For ASPEN, however, meteorological data are stratified by time of day into eight 3-hour time blocks, to preserve any characteristic diurnal patterns that might be important in subsequent estimation of population exposure. In addition to the climatology, other inputs to ASPEN that are specified by time block include emission rate, mixing height, and reactive decay rates. The resulting output of ASPENA is a grid of annual average concentration estimates for each source/pollutant combination by time block.

ASPENB

In ASPENB, the mapping module of the ASPEN system, annual average concentration estimates from ASPENA are interpolated from the grid receptors to census tract centroids, and contributions from all modeled sources are summed to give estimates of cumulative ambient concentration increments in each census tract. By accounting for all identified source categories (including background concentrations), the sum of the concentration increments should yield an estimate of the overall concentration of each HAP within each census tract. These estimates are designed to represent population-weighted concentration averages (each census tract represents approximately 4000 people).

Input Data Requirements

The three types of inputs needed to run the ASPEN models are the emission/control file, meteorological data files, and census tract data files.

- Emission/control file: contains the selected modeling options, source parameter data (including emission rates), and meteorological station assignments
- Meteorological data: includes the annual frequency of occurrence of each stability/wind speed/wind direction combination (by time block), temperatures (maximum, minimum and average), precipitation data, and mixing height (by time block) for meteorological stations within the modeling region

- Census tract data: contains the Federal Information Processing Standards (FIPS) code, location of the tract centroid, hypothetical radius, and urban/rural designation of each census tract within the modeling region

2.1.2.1 ASPENA Dispersion Module

The ASPEN dispersion module estimates the ambient concentration increments at a set of fixed receptor locations within the vicinity of the emission source. The steady-state Gaussian plume equation is used in conjunction with diurnally stratified climatological data, including wind speed, wind direction, and atmospheric stability, to estimate long-term average ground-level concentrations at receptor grid locations resulting from elevated point emission sources. The specific formulation and equations used are summarized in the following subsections. Unless otherwise noted, all equations are identical to those in the Industrial Source Complex – Long Term 2 (ISCLT2) model.

2.1.2.2 Point Source Emissions

The ASPEN modeling system uses the steady-state Gaussian plume equation in order to simulate elevated point sources with continuous emissions. To reduce computing requirements, ASPEN utilizes a climatological modeling approach. As with other climatological models (e.g., USEPA's Climatological Dispersion Model (CDM) and ISCLT), the dispersion module is supplied with a STability ARray (STAR) joint probability matrix. A STAR matrix describes the joint frequency distribution of hourly meteorological measurements sorted into classes, or bins, by wind speed, wind direction, and atmospheric stability. The long-term concentration is calculated by simulating the average concentration for each meteorological bin and summing the averages across bins, weighting each by its frequency of occurrence.

Normally, a single STAR matrix is prepared for the entire simulation period, usually one or more years. For ASPEN, meteorological data were prepared in 3-hour time blocks. For example, there is a STAR matrix for the time period from 3 a.m. to 6 a.m., reflecting the relative long-term frequency of each meteorological condition for that time of day.

Classification of the wind directions for preparation of the STAR matrix requires partitioning of the area surrounding each source into sectors of equal angular widths. The mean annual concentration at each receptor resulting from emissions from a single stack is obtained by averaging over all wind directions, wind speeds and stability classes according to:

$$\chi = \frac{1}{\sqrt{2\pi}} \frac{K}{R\Delta\theta} \sum_{i,j,k} \frac{QfVD}{u_s \sigma_z} \qquad \text{Equation 5}$$

where:

χ	=	concentration (µg/m3)
K	=	units scaling coefficient (106)
Q	=	pollutant emission rate (g/s)
f	=	frequency of occurrence of the ith wind-speed, the jth wind direction, and the kth stability category (unitless)
$\Delta\theta$	=	the sector width (radians)
R	=	radial distance from the point source to receptor (m)
u_s	=	mean wind speed at stack height for the ith wind-speed category and the kth stability category. (m/s)
σ_z	=	standard deviation of the vertical concentration distribution for the kth stability category (m)
V	=	Vertical Term for the ith wind-speed and k^{th} stability category (unitless)
D	=	Decay Term for the ith wind-speed and k^{th} stability category (unitless)

Each of the terms above are defined and discussed briefly below:

2.1.2.2.1 Wind Speed Profile

The stack height wind speed, u_s (m/s), is obtained by adjusting the observed wind speed, u_{ref} (m/s), at a reference height, z_{ref} (m), to the stack height, h_s (m), through use of the wind power law. The equation has the form,

$$u_s = u_{ref}\left(\frac{h_s}{z_{ref}}\right)^p \qquad \text{Equation 6}$$

Where p is the wind profile exponent which is dependent on both the stability category as well as whether the source is classified as urban or rural. The default values used in the ASPEN model are the same as those for the ISCLT2 model and are given below:

Stability Category	Rural Exponent	Urban Exponent
A	0.07	0.15
B	0.07	0.15
C	0.10	0.20
D	0.15	0.25

E	0.35	0.30
F	0.55	0.30

The stack height wind speed, u_s, has a minimum value of 1.0 m/s.

2.1.2.2.2 Plume Rise Formulas

The ASPEN model uses all plume rise calculations in the ISCL2 model (EPA, 1992). Prior to any plume rise calculations, the physical stack height is modified in order to account for stack-tip downwash effects. This modified stack height, h_s, is then used in place of the physical stack height for all subsequent plume rise calculations.

2.1.2.2.3 Dispersion Parameters

The standard deviation of the vertical concentration distribution, σ_z, for point sources is calculated using a procedure similar to that used in the ISCLT2 model. For a rural point source, the dispersion parameter, σ_z , is calculated using equations which approximately fit the Pasquill-Gifford curves (Turner, 1970) and are of the form,

$$\sigma_z = ax^b \qquad \text{Equation 7}$$

where x, the downwind distance, is in kilometers and σ_z is in meters. The coefficients a and b are given as in Table 1-2 of the ISC2 Users' Guide (USEPA, 1992) and are a function of both the downwind distance as well as stability class.

For urban point sources, the vertical dispersion parameter is computed using Briggs' formulas to approximate the vertical diffusion data of McElroy and Pooler (1968). Table 1-4 of USEPA (1992) gives the appropriate relations for σ_z as a function of stability class and downwind distance from the source. As noted in USEPA (1992), although these relations are assumed valid for downwind distances less than 100m, concentrations calculated at receptor locations within 100m of a source should not be considered very precise.

As in the ISCLT2 model, the ASPEN modeling system assumes a uniform lateral distribution across sector widths and therefore does not make use of the standard deviation of the lateral dispersion, σ_y.

The preceding approximations for dispersion parameters are applicable for ideal point sources. In general, a variety of processes can affect the initial growth and evolution point source plume. The ISC models use various treatments for consideration of many of these processes including the initial plume dimensions, building wake and downwash effects, and buoyancy-induced dispersion. Of these, ASPEN treats only the enhancements to the vertical dispersion parameter due to buoyancy-induced dispersion. (Treatment of building wake and downwash effects in ASPEN differs from ISCLT2.)

The current treatment of buoyancy-induced dispersion in the ASPEN modeling system follows that of Pasquill (1976) as implemented in the ISC2 model. Buoyancy-induced dispersion enhances the vertical dispersion due to ambient turbulence by taking into account the initial

plume dispersion caused by turbulent motion and turbulent entrainment of ambient air. Then effective vertical dispersion, σ_{ze}, is given by the following relation:

$$\sigma_{ze} = \left[\sigma_z^2 + \left(\frac{\Delta h}{3.5} \right)^2 \right]^{\frac{1}{2}} \qquad \text{Equation 8}$$

where σ_z is the vertical dispersion due to ambient turbulence, and Δh is the plume rise due to momentum and/or buoyancy. Note that Δh is the distance-dependent plume rise when the receptor location is between the source and the distance to final plume rise, and is the final plume rise when the receptor location is beyond the distance to final rise.

2.1.2.2.4 The Vertical Term

In general, the vertical term which appears in the Gaussian sector average equation includes the effects of source elevation, receptor elevation, plume rise, limited mixing in the vertical and the gravitational settling and dry deposition of larger particles. In the ASPEN dispersion module, receptor elevation, as well as gravitational settling of large particles, is neglected. In addition, dry deposition of particles is treated separately, as discussed below. The vertical term is then given as in the ISC2 model for gases and small particles as follows:

$$V = \exp\left[-0.5\left(\frac{z_r - h_e}{\sigma_z} \right)^2 \right] + \exp\left[-0.5\left(\frac{z_r - h_e}{\sigma_z} \right)^2 \right]$$
$$+ \sum_{i=1}^{\infty} \left\{ \exp\left[-0.5\left(\frac{H_1}{\sigma_z} \right)^2 \right] + \exp\left[-0.5\left(\frac{H_2}{\sigma_z} \right)^2 \right] \exp\left[-0.5\left(\frac{H_3}{\sigma_z} \right)^2 \right] \exp\left[-0.5\left(\frac{H_4}{\sigma_z} \right)^2 \right] \right\} \qquad \text{Equation 9}$$

where:

h_e = $h_z + \Delta h$

H_1 = $z_r - (2iz_i - h_e)$

H_2 = $z_r + (2iz_i - h_e)$

H_3 = $z_r - (2iz_i + h_e)$

H_4 = $z_r + (2iz_i + h_e)$

z_r = receptor height above ground (m)

z_i = mixing height (m)

In the above equation, the infinite series accounts for the effects of restriction on vertical plume growth at the top of the mixed layer. It should be noted that if the effective stack height, h_e, exceeds the mixing height, z_i , then the plume is assumed to fully penetrate the elevated inversion and the ground-level concentrations are set to zero. At long downwind distances, the vertical

term, as defined above, changes the form of the vertical concentration distribution from Gaussian to rectangular. Thus, the equation for the vertical term for downwind distances where the ratio of σ_z/z_i is greater than or equal to 1.6 is changed to the following form:

$$V = \frac{\sqrt{2\pi\sigma_z}}{z_i} \qquad \text{Equation 10}$$

A more detailed discussion of the Vertical Term, including special treatments for mixing heights in rural and urban modes under various stability conditions may be found in the ISC2 Users' Guide (USEPA, 1992).

2.1.2.2.5 The Decay Term

The decay term is used as a simple means of accounting for the pollutant removal by physical and/or chemical processes. The decay term takes the following form:

$$\begin{aligned} D &= \exp\left(-\psi \frac{x}{u_s}\right) \quad &for \quad \psi > 0 \\ D &= 1 \quad &for \quad \psi = 0 \end{aligned} \qquad \text{Equation 11}$$

where:

D = decay term (unitless)

Ψ = decay coefficient (s^{-1})

x = downwind distance (m)

u_s = wind speed at stack height (m/s)

2.1.2.2.6 Building Wake Effects

The procedures used by the ASPENA model to account for the effects of building wakes and downwash effects are considerably different than those employed in the ISC2 model. Within the ISC2 model, the effects of building wakes on the plume dispersion coefficients are treated following the approach of Huber and Snyder. Following their suggestions, the vertical dispersion parameters are adjusted using a vertical virtual distance which is dependent on various factors including the relative dimensions of nearby buildings, stability class, and urban or rural classification of the emission source.

ASPENA uses a simpler treatment which also involves adjusting the plume dispersion parameters: vertical virtual distances are determined using an empirical formulation involving the building cross-sectional area and stability class, but are treated in the same way for both the rural and urban option. The formula used for calculating the vertical virtual distance, x_z, is given by,

$$x_z = bA^c \exp\left(A^d\right) \qquad \text{Equation 12}$$

where A is the building cross-sectional area and the coefficients b, c, and d are dependent on the stability class and are given in the following table. This virtual distance is then added to the physical downwind distance and used through for all plume rise and dispersion parameter calculations.

Stability Category	*b*	*c*	*d*
A	1.95	0.504	0.754e-08
B	2.72	0.504	0.15799e-07
C	4.05	0.511	0.156395e-06
D	4.95	0.54	0.1039e-05
E	4.95	0.54	0.1039e-05
F	4.95	0.54	0.1039e-05

2.1.2.3 Area Source Emissions

The ASPEN modeling system treats area sources (including motor vehicles) as a pseudo-point source located within each census tract. Pseudo-point sources are assumed to be vented point sources with an effective stack height of 5m and for which no plume rise calculations are made. The annual average concentration for area sources are processed within the mapping module (ASPENB) in one of two ways depending upon the relative area of the census tract with respect to the location of the receptor grid locations. For large census tracts, five dispersion grids resulting from the pseudo-point treatment are distributed symmetrically throughout the tract in order to estimate ambient concentrations due to area source emissions. For small census tracts, only a single dispersion grid is used, located at the census tract centroid. A more detailed description of the treatment of area sources may be found in the discussion of the ASPENB module.

2.1.2.4 Dry Deposition

Deposition of pollutants onto surfaces has the effect of reducing the average ambient concentrations and may be significant for particles. The dry deposition of gaseous HAPs is slow, so for most of these species, the deposition is less important than chemical reaction as a removal mechanism. Therefore, neglecting dry deposition for gas phase pollutants has little effect on the modeled concentrations. The ASPEN model therefore accounts for the deposition of particulate phase HAPs but does not include deposition of gas phase pollutants.

2.1.2.5 ASPENB Mapping Module Description

2.1.2.5.1 ASPENB Output File Structure and Update Procedure

The ASPEN mapping module (ASPENB) produces a separate output file for each HAP/source category combination. Each of these files contains a record for each census tract with estimates of annual average concentrations for each of eight 3-hour time blocks. The procedure for producing these files by ASPENB is as follows:

- As ASPENB processes the input file of the normalized source concentrations/depositions (ASPENA output file), each time a HAP is encountered ASPENB checks the local

directory to determine if an output file for that HAP/source category combination already exists. If not, ASPENB creates the output file, and initializes it by creating a record for each census tract. An initial tract record contains a state/county FIPS and tract number, and eight concentration fields (each with a value of zero), and two deposition fields (each with a value of zero). If an output file already exists, it is opened.

- ASPENB then proceeds with the processing of the HAP. ASPENB interpolates the normalized concentrations/depositions of the grid receptors around the emission source to all the census tracts which fall within the source impact zone[14]. It then applies the HAP emission rate to the normalized interpolated concentrations to obtain the population concentration/deposition estimates. For example, if the normalized concentration from the emission source for time block 1 at census tract A is 0.5 $\mu g/m^3$, and HAP emission rate is 2 g/sec, the HAP concentration is 1 $\mu g/m^3$ for time block 1 at census tract A.
- The HAP output file is then updated by incrementing the previous values with the current estimates, to obtain cumulative estimates for each census tract. After the output file is updated, it is closed.

2.1.2.5.2 Interpolating to Census Tract Centroids

The normalized concentrations/depositions estimated by ASPEN's dispersion module (ASPENA) for grid receptors surrounding each emission source are interpolated to the census tract centroids within the source impact zone in the ASPENB.

The ASPENB designates the tract in which the source is located as the resident tract. Near sources, where ambient concentration gradients are likely to be steep, the position of a tract centroid relative to the source may result in a significant over- or underestimate of the population-weighted average exposure concentration in the tract. The coarser the spatial resolution of the population, the more significant the uncertainty in the average exposure concentration is likely to be. Therefore, for resident tracts, instead of estimating the ambient concentration increment at a single point in the tract (i.e., at the centroid), the average concentration increment over the entire area of the tract is estimated for the resident tract.

Following are detailed descriptions of the different interpolation procedures for the non-resident and resident census tract centroids.

2.1.2.5.2.1 Interpolating to Non-Resident Census Tract Centroids

The normalized concentrations/depositions for grid receptors are interpolated to the non-resident census tract (population) centroids with log-log interpolation in the radial direction and linear interpolation in the azimuthal direction. The estimates are designed to represent average concentration for the tract. The interpolation to non-resident census tract centroids is implemented as follows:

[14] ASPEN can calculate impact of a source up to a maximum distance of 50km; this determines the "impact zone". In the present study the impact zone was implemented in a "reverse" mode, by considering all sources up to distances of 25km from the vicinity of Teterboro Airport. This should be a reasonable approach given the density of sources in the region; it also ensures a conservative estimate (i.e. overestimate) of the relative contribution of emissions from Teterboro airport to the area surrounding it.

- For each census tract that falls within the source impact zone, calculate the distance between the census tract centroid and the source, *d*, and its azimuth *az* (the clockwise angle measured from north).
- Locate the angular (*a1* and *a2*) and radial indices (*r1* and *r2*) in the receptor grid surrounding the non-resident census tract. The angular indices are the 2 closest azimuths of the polar receptor grid to the centroid azimuth. The radial indices are the 2 closet ring distances of the polar grid to the centroid. For example, the default polar grid has the following azimuths and ring distances with respect the emission source location:

Radial Index	Radial Distance (km)	Angular Index	Azimuth (Degree)
1	0.1	1	0.0
2	0.5	2	22.5
3	1.0	3	45.0
4	2.0	4	67.5
5	5.0	5	90.0
6	10.0	6	112.5
7	15.0	7	135.0
8	20.0	8	157.5
9	25.0	9	180.0
10	30.0	10	202.5
11	40.0	11	225.0
12	50.0	12	247.5
		13	270.0
		14	292.5
		15	315.0
		16	337.5

If a centroid is located at azimuth 110 degrees, and distance 0.65 km with respect to the emission source, the angular indices are 5 (90 degree) and 6 (112.5 degree), and the radial indices are 2 (0.5 km) and 3 (1.0 km) as shown below.

- Calculate the ratios for log-log interpolation in the radial direction (*rratio*), and linear interpolation in the azimuthal direction (*aratio*)

$$rratio = \frac{\text{In } d - \text{In } radii_{r1}}{\text{In } radii_{r2} - \text{In } radii_{r1}} \qquad \text{Equation 13}$$

where:

d	=	distance between the census tract centroid and the source
$radii_{r1}$	=	radial distance in the receptor grid for the radial index r1
$radii_{r2}$	=	radial distance in the receptor grid for the radial index r2
$rratio$	=	ratio for log-log interpolation in the radial direction

$$aratio = a - a1$$

where:

a	=	azimuth of the census tract in the receptor scaling
$a1$	=	azimuth for the angular index $a1$ in the receptor scaling
$aratio$	=	ratio for linear interpolation in the azimuthal direction

- Set the logarithm of the concentrations for each time block at the four corners of the receptor grid surrounding the census tract

$$\begin{aligned} c_1 &= \text{In } c_{a1,r1,h} \\ c_2 &= \text{In } c_{a1,r2,h} \\ c_3 &= \text{In } c_{a2,r1,h} \\ c_4 &= \text{In } c_{a2,r2,h} \end{aligned} \qquad \text{Equation 14}$$

where:

c_1,c_2,c_3,c_4	=	the logarithm of the concentrations at the four corners of the grid for time block h
$c_{a1,r1,h}$ $c_{a1,r2,h}$, $c_{a2,r1,h}$, $c_{a2,r1,h}$	=	the concentration for the receptor with indices ($a1$,$r1$), ($a1$,$r2$), ($a2$,$r1$), and ($a2$,$r2$) for time block h

- Log-log interpolation in the radial direction:

$$\begin{aligned} ca_1 &= c_1 + (c_2 - c_1) \times rratio \\ ca_2 &= c_3 + (c_4 - c_3) \times rratio \end{aligned} \qquad \text{Equation 15}$$

where:

ca_1,ca_2	=	the logarithm of the interpolated concentrations for time block h
c_1, c_2, c_3, c_4	=	the logarithm of the concentrations at the four "corners" of the grid for time block h

- Take the exponent of the logarithm of the interpolated concentrations in the radial direction:

$$cca_1 = \exp(ca_1)$$
$$cca_2 = \exp(ca_2)$$

Equation 16

where:

cca_1, cca_2	=	the interpolated concentrations for time block *h*
ca_1, ca_2	=	the logarithm of the interpolated concentrations for time block *h*

- Finally, linearly interpolate in the azimuthal direction:

$$tc = cca_1 + (cca_2 - cca_1) \times aratio$$

Equation 17

where:

tc	=	concentration at the census tract centroid for time block *h*
cca_1, cca_2	=	interpolated concentrations at time block *h*
$aratio$		ratio for linear interpolation in the azimuthal direction

2.1.2.5.2.2 Concentration Deposition Estimates for the Resident Census Tracts

The procedures for estimating concentrations and depositions for the resident census tracts are different for point sources and pseudo point sources.

Major Point Sources

For tracts with centroids close to a major point source, the ambient concentration is estimated in ASPEN by spatial averaging of the ambient concentrations of receptors estimated to fall within the bounds of the tracts, instead of by interpolation to the centroid. Since inclusion of detailed information on the boundaries of the census tracts is excessively resource-intensive, a circle of equal area to the census tract, centered at the centroid is used as an estimate of the tract boundary in the spatial averaging procedure.

That procedure is implemented as follows:

- For each point source, the tract with the closest centroid is determined, i.e., the resident tract is defined.
- An effective or pseudo-radius is calculated for the resident tract based on the known tract area and the assumption that the shape of the tract is circular.

- Each modeling receptor for the source is evaluated to determine if it falls within the pseudo-radius of the tract.
- Based on the configuration and spacing of the modeling receptors, an area of representation is assigned to each receptor.
- The resident tract's average outdoor concentration is calculated as the area-weighted average of the modeling receptors that fall within its pseudo-radius (Figure 3-3b). The calculation is shown as follows:

$$conc_k = \frac{\sum sc_{i,j,k} \times a_{i,j}}{totarea} \qquad \text{Equation 18}$$

where:

$conc_k$	=	area-weighted average concentration for time block k at the resident tract
$sc_{i,j.k}$	=	normalized concentration for the receptor at the ith direction, j^{th} distance within the bound of the resident tract for time block *k*
$a_{i,j}$	=	the area associated with the receptor at the ith direction, and j^{th} distance
totarea	=	the accumulated area for the receptor grid fall within the bound of the resident tract

If no receptor fall within the pseudo-radius of the closest tract, then the tract concentration is estimated with the standard interpolation procedure.

Interpolation for Motor Vehicle and Area Sources

Each motor vehicle and area source is treated as a single pseudo-point source located at the centroid of each census tract in the ASPEN. Outside of the resident census tract of the pseudopoint source, resulting ambient concentration estimates are interpolated to tract centroids, as is done for major point sources.

However, the default interpolation approach cannot be implemented within the resident census tract, since the concentration cannot be estimated at the emission point (the tract centroid) with the long-term Gaussian formulation. For the resident tract, ASPEN represents motor vehicle and area sources as multiple pseudo-point sources geographically dispersed throughout the census tract.

For the resident tracts with radius larger than 0.3 km (the average radius of two innermost modeling receptor rings), ambient concentrations in the resident census tract are estimated on the basis of five dispersed pseudo-point sources in ASPEN, with spatial averaging of the ambient concentrations of receptors estimated to fall within the bounds of the tract.

For purposes of the spatial averaging, the tract is assumed to be perfectly round. One of the five pseudo-point sources is located at the center of the tract. The others are located halfway between the center and the hypothetical circumference in each of the four primary compass directions.

The area-weighted average concentration are estimated for the resident tract for the pseudo point sources as follows:

$$ac_{k,m} = \sum sc_{i,j,k,m} \times a_{i,j,m} \qquad \text{Equation 19}$$

where:

$ac_{k,m}$ = the cumulative area-weighted concentration associated with the pseudo point *m* for time block *k* at the resident tract

$sc_{i,j,k,m}$ = normalized concentration for the receptor surrounding pseudo point *m* at the ith direction, j^{th} distance within the bound of the resident tract for time block *k*

$a_{i,j,m}$ = the area associated with the receptor surrounding pseudo point m at the ith direction, and j^{th} distance

$$resc_k = \sum_{m=1}^{5} ac_{k,m} \times div_m \qquad \text{Equation 20}$$

where:

$resc_k$ = spatially averaged ambient concentration for time block *k*

$ac_{k,m}$ = the cumulative area-weighted concentration contributed by pseudo point *m* for time block *k* at the resident tract

div_m = the relative size of the receptor grid surrounding pseudo point *m* to the total area for the all 5 receptor grids: 1/9 for *m*=1; 2/9 otherwise.

For the resident tracts smaller than 0.3 km, the concentration/depositions are set to zeros.

2.1.2.6 Using the ASPENA Dispersion Module

ASPENA's required data inputs include HAP emission rates, modeling options, and meteorological data. Groups of HAPs that are of the same species type (gaseous, fine particulate, coarse particulate), use the same reactive decay rates, and use the same dry/wet deposition options may be simulated together in a single run. ASPENA estimates the normalized source concentration/deposition for the receptor grid surrounding each source. The normalized concentration/deposition estimates and HAP emission rates are then input to ASPENB, the mapping module of the modeling system, along with the census tract data. (The HAP emission rates are carried over from the ASPENA emission/control file to the ASPENA normalized source concentration/deposition output file.) The final outputs from the ASPEN modeling system are

estimates of annual average concentrations (in µg/m^3) at each census tract for each of eight 3-hour time blocks for each HAP/source category combination.

A summary of the input and output files of the ASPENA module is provided in Table 7.

2.1.2.7 Using the ASPENB Mapping Module

ASPENB takes the diurnally stratified annual average concentration estimates from ASPENA and interpolates the results from grid receptors to census tract centroids. Further, the contributions from all modeled sources are summed to give estimates of cumulative ambient concentration increments in each census tract.

Output from ASPENB is post-processed using a series of programs. By accounting for all identified source categories (including background concentrations where available), the sum of the concentration increments should yield an estimate of the overall concentration of each HAP within each census tract. These estimates are designed to represent population-weighted concentration averages for each census tract.

Output file naming convention: The naming convention for the version 1.1 of ASPENB output file is simply the 5-digit SAROAD code with a "*.exp" extension, i.e., the extra digit to identify the source category has been eliminated.

Number of source categories contained in the ASPENB output file: The user selects the desired number of source categories to be included in a particular modeling simulation. A maximum of ten source categories is allowed.

Rerun for a single source category: The output file generated contains the tract level concentration/deposition estimates for all the source categories included in the modeling study. If revision is needed for a single source category, that source category alone can be rerun and the model will replace the previous estimates for that category in the output file.

2.1.2.7.1 ASPENB Inputs

The ASPENB module requires three input files: the normalized concentration/deposition output file from ASPENA, a census tract data file and a census tract index file.

2.1.2.8 Post-Processing Model Outputs

A series of software programs are used to post-process the ASPENB model output. Summary descriptions of the post-processors are presented here. The three post-processors for ASPENB are:

- AVGDAT: calculates the annual average HAP concentration for each source category included in the ASPENB output, calculates the total annual average concentrations over all categories including the background value provided by the user
- EXTRDAT: converts the concentration data files from binary to ASCII format
- SECDAT: generates the secondary pollutant concentrations and combines the concentrations of the primary and secondary components

2.1.2.8.1 Generating Concentrations for the Secondary Compounds

ASPEN estimates the concentration of the secondary HAPs as the difference between the precursor concentration in an inert model run and its concentration in the presence of reactive decay. The resulting concentration differences are adjusted for molar yield and molecular weight to estimate the concentration of the secondary HAP.

The post-processor SECDAT is used for generating the concentration estimates of the secondary HAPs, and combining the concentrations of the primary and secondary HAPs. The SECDAT output file is in the same format as the population concentration/deposition file, so that it can be further processed by AVGDAT.

2.1.2.8.2 Calculating Annual Average Concentration

The post-processor AVGDAT is used to convert the model results into annual average concentrations. The input concentrations are estimated for eight 3-hour time blocks; the postprocessor calculates the average for the time blocks. The post-processor reads in the concentrations in eight 3-hour time blocks for all the source categories included in the population concentration/deposition file. Then it calculates the annual average concentrations for each source category and total annual average concentration over all source categories, including the background value provided by the user.

2.1.2.8.3 Extracting and Tabulating Annual Average Concentration

The output from AVGDAT is in binary format. The EXTRDAT post-processor converts this file from binary to ASCII format. The post-processor provides the following options to the user:

- Select the concentration units: $\mu g/m^3$, ppm, pphm, ppb or ppt, input as MGPCM, PPM, PPHM, PPB or PPT
- Select census tracts:
  - To convert concentrations for all census tracts: input –1
  - To extract concentrations for the listed tracts only: input total number of tracts, and list the tracts of interest.

2.2 Modeling Short-Term Impact of Airport Operations on Local Air Quality

2.2.1 Estimation of Daily Airport and Local Roadway Emissions

2.2.1.1 Background information on EDMS

EDMS is a combined Emissions and Dispersion Modeling System for assessing air quality at civilian airports and military air bases (CSSI, 2001). It was developed by the Federal Aviation Administration (FAA) in cooperation with the United States Air Force (USAF). This system can produce an inventory of emissions generated by sources on and around an airport or air base, and calculate pollutant concentrations in this vicinity. The latest release of EDMS, version 4.11, incorporates two modules, i.e. both an emissions inventory with aircraft performance data and the AMS-EPA Regulatory Model (AERMOD) system (USEPA, 1998a), an EPA-recommended Gaussian dispersion model that was developed by the American Meteorological Society (AMS)

to take advantage of new data and algorithm developments. The emissions inventory module incorporates USEPA approved methodologies for calculating aircraft emissions, on-road and off-road vehicles emissions, and stationary source emissions. Then the system generates inputs for AERMOD. The information flows and calculation modules of EDMS are shown in the diagram in Figure 12, and for AERMOD in Figure 13. These diagrams provide high-level maps of the steps necessary to generate an EDMS emissions inventory or to perform dispersion modeling.

At the top level, the user creates a study and specifies global parameters. For both emissions inventory and dispersion modeling, the user defines the nature and activity of the various emissions sources present in the study. Creation and specification of operational profiles (duty cycles) for various emissions sources is optional for the emissions inventory, but necessary for accurate dispersion modeling. In calculating dispersion, the user is required to enter the location coordinates, select appropriate operational profiles, and define other source-specific parameters for each emissions source included in the dispersion analysis. In the case of aircraft activity, the user may further define distinct runways, runway queues, taxiways, and gates, and assign these entities to each active aircraft.

2.2.1.2 Aircraft activity and air traffic analysis

Aircraft activity is expressed within EDMS in terms of landing-takeoff (LTO) cycles. Each LTO consists of taxiing, queuing, takeoff, climb out, approach, and landing. There is no provision to specify arrival numbers and departure numbers independently of each other. Touch and go (TGO) per year values may also be specified and do not include the taxi and queue portions of the LTO cycle[15].

Aircraft engines are the actual source of emissions for an aircraft. EDMS treats each aircraft type as a combination of specific airframe and engines. For each airframe there may be several different engine types available for use. Because these engines can originate from different manufacturers (or may be a different model), the emission factors may vary from engine to engine. So, different aircraft may generate identical emissions because they are equipped with identical engines, or older aircraft may be outfitted with newer engines and generate fewer emissions. If a “default” engine is present for a particular airframe, it represents an actual engine type, which is the most common or widely used engine for that particular airframe.

Time-In-Mode (TIM) is the time an aircraft spends in each of the four modes of aircraft operation: takeoff, climb out, approach, and idle. Takeoff, climb out, approach, and the landing roll portion of the idle mode are aircraft specific in EDMS. They are generated using flight profile data that are based on the airframe, engine, takeoff weight, and approach angle to be flown.

Of the four modes mentioned above, the taxi and queue components of the idle mode are the most variable. The sum of these two values must be entered and is used only for the purposes of the emissions inventory and is not replaced or adjusted by time specifications. The takeoff mode is the time from the start of the ground roll until the aircraft reaches 1000 feet above the surface.

[15] TGO operations are used for training purposes and usually occur at military bases or smaller civilian airports.

The idle time used for emissions calculations includes the sum of the landing roll time, the taxi time and the time spent in queue. The approach TIM for the emissions inventory is the time from the mixing height to the surface. The climb out TIM for the emissions inventory is the time from 1000 feet above the surface to the mixing height. Mixing heights of less than 1000 feet are not allowed in EDMS. The default approach and climb out TIM are based on a mixing height of 3000 feet. The user has to input a value for the total taxi and queue time, representative of the total time an aircraft spends in all taxiways and queues. Immediately after the input, EDMS calculates the rest of the TIMs according to the individual characteristics of each aircraft. The following equation (aircraft TIMs) calculates the emissions generated from an aircraft in a specific mode:

$$E_{ij} = \sum \left(TIM_{jk} \right) \times \left(\frac{FF_{jk}}{1000} \right) \times \left(EI_{ijk} \right) \times \left(NE_j \right) \qquad \text{Equation 21}$$

Where:

E_{ij} = Total emission of pollutant *i*, in pounds, produced by aircraft type *j* for one LTO cycle

TIM_{jk} = Time in mode *k*, in minutes, for aircraft type *j*

FF_{jk} = Fuel flow for mode *k*, in pounds per minute, for each engine used on the aircraft type *j*

EI_{ijk} = Emission index for pollutant *i*, in pounds of pollutant per one thousand pounds of fuel, in mode *k* for aircraft type *j*

NE_j = Number of engines used on aircraft type *j*

Two very important parameters must be also identified: the mixing height value and the approach angle of the aircrafts. These parameters determine the extent of the *z* dimension (height) of interest and the climb out and approach times within the modeled domain.

2.2.1.3 Ground Support Equipment

Emissions are generated by ground support vehicles, generators, and auxiliary power units (APUs) while the aircraft is parked at the gate. This discussion covers Ground Support Equipment (GSE), Aerospace Ground Equipment (AGE), and Auxiliary Power Units (APUs). As system aircraft are added to an EDMS study, default assignments are made for GSE or AGE and APU for each newly added aircraft. Each GSE/AGE and APU carries a default operational time in minutes associated with one complete LTO cycle of the aircraft.

GSE emission factors contained in the EDMS database are derived from the document *Technical Data to Support FAA's Advisory Circular on Reducing Emissions from Commercial Aviation*

(USDOT and USEPA, 1995). GSE emission factors are based on the following variables: brake horsepower, load factor, fuel type, and coolant type. AGE emission factors are derived from the *Calculation Methods for Criteria Air Pollutant Emission Inventories* (Jagielski & O'Brien, 1994). In EDMS, GSE and AGE emission factors are given in kilograms per hour. With an operation time per LTO cycle given in minutes, the calculation for emissions generated per LTO cycle is the product of the emission factor and operation time. For annual emissions this result is multiplied by the number of yearly LTO cycles for the specific aircraft to which the equipment is assigned. GSE and AGE emissions are not calculated for TGO operations.

The *Number of Vehicles* (yearly or peak hour) refers to the distinct number of individual vehicles using the roadway. The average speed (in mph) of vehicles traveling on the roadway is one of the parameters necessary to determine a MOBILE5a [USEPA, 1994] emission factor (grams/vehicle-mile) for the movement of the vehicles. The other three parameters are the global parameters of *Vehicle Fleet Year*, altitude (*Elevation*), and *Average Yearly Temperature*. The *Vehicle Round-Trip Distance* (miles) field is used exclusively for emissions inventory purposes to determine the total amounts of pollutants generated by vehicles traveling the length of the roadway on their way to and from the airport. Vehicular emission factors contained in EDMS are obtained from the EPA's MOBILE5a and PART5 [USEPA, 1995b] programs and are stored for fleet years 1988 to 2020, 14 different vehicle speeds, temperatures from 0 to 100 degrees Fahrenheit in 5 degree increments, and high (above 5000 feet) and low (below 5000 feet) altitudes. The following equation shows the various formulas used to calculate emission factors for roadways and parking lots based upon on-road moving vehicle emissions and on-road idle vehicle emissions. The emission factors used for the vehicle roadways are calculated with the same equation, but do not contain any idle time.

$$\begin{aligned} &\text{Idle Factor: } EF_i = EF_{2.5} \times 2.5 \times T \\ &\text{Moving Factor: } EF_m = EF_s \times D \\ &\text{Composite Lot Factor: } EF_t = EF_i + EF_m \end{aligned} \qquad \text{Equation 22}$$

Where:

EF_i	=	the idle emission factor in gm/veh
EF_m	=	the moving emission factor in gm/veh
$EF_{2.5}$	=	the emission factor at speed 2.5 mph in gm/veh-mile
EF_s	=	the emission factor at speed s mph in gm/veh-mile
EF_t	=	the composite emission factor in gm/veh
T	=	the idle time in minutes
D	=	the distance traveled in miles

2.2.1.3.1 Dispersion Calculations

EDMS generates input files for use with USEPA's AERMOD dispersion model and its meteorological preprocessor, AERMET. AERMOD is a steady-state plume model that assumes a Gaussian concentration distribution in both in the horizontal and vertical directions in the stable boundary layer. In the convective boundary layer, dispersion is Gaussian in the horizontal direction, with the vertical direction being modeled by a bi-Gaussian probability density function. Detailed information about AERMOD can be found in the user guides that are available on USEPA's website. The basic Gaussian plume equation, a mathematical approximation of the steady-state dispersion of pollutants from a continuous point source is:

$$C(x;y;z;H)\exp\left[-\frac{1}{2}\left(\frac{y}{\sigma_y}\right)^2\right]\left\{\exp\left[-\frac{1}{2}\left(\frac{z-H}{\sigma_z}\right)^2\right]+\exp\left[-\frac{1}{2}\left(\frac{z+H}{\sigma_z}\right)^2\right]\right\} \qquad \text{Equation 23}$$

Where:

C	=	point concentration at receptor, in µg/m^3
H	=	effective height of emissions, in meters (m)
Q	=	mass flow of contaminants from receptor, in µg/s
u	=	wind speed, in m/s
x,y,z	=	ground level coordinates of receptor, in m
σ_y	=	standard deviation of plume concentration distribution in *y* plane, in m
σ_z	=	standard deviation of plume concentration distribution in *z* plane, in m

2.2.1.3.2 Weather data

Surface measurements for each modeled hour are required in order to determine the current wind direction, wind speed, temperature and cloud cover. In addition, twice-daily upper-air observations are required to properly determine the mixing height. Historical weather data are available from the USEPA, NOAA, and NWS websites and other locations.

Atmospheric stability is a measure of turbulence or vertical movement of air or a measure of the ability of the atmosphere to dilute and mix air. Several factors determine the atmospheric stability; these include temperature, wind speed, cloud cover and solar radiation. AERMET uses both the surface and upper-air weather observations to calculate the stability of the atmosphere for each hour. Usually, stable conditions occur at night with a clear sky and low wind speeds.

The opposite is true for unstable conditions, as these usually occur during the day with cloudy skies and high wind speeds.

2.2.2 Photochemical Modeling for Chemically Reactive Air Toxics

2.2.2.1 The Models-3 Community Multiscale Air Quality Modeling System

The Models-3 Community Multiscale Air Quality (CMAQ) modeling system [Byun & Ching, 1999], developed under the leadership of the Atmospheric Modeling Division of the EPA National Exposure Research Laboratory in Research Triangle Park, NC, was used for supplemental modeling analysis incorporating atmospheric photochemistry in this study. This state-of-the-art system is designed to address multiscale, multi-pollutant air quality concerns, especially when complex chemical and physical transformations take place. With data provided by meteorological and emissions processing models (in present study, MM5 and SMOKE, respectively) the Models-3 CMAQ modeling system can be used for urban and regional scale air quality simulation of tropospheric ozone, acid deposition, visibility, air toxics, and particulate matter (PM2.5 and PM10). A flowchart showing information flows and components of CMAQ is shown in Figure 15.

CMAQ is based on the numerical solution of the species continuity equation in the atmosphere. This equation can be expressed in generalized coordinates as:

$$\frac{\partial \varphi_i J_s}{\partial t} + m^2 \nabla_s \cdot \left(\frac{\varphi_i J_s \hat{\mathrm{V}}_s}{m^2} \right) + \frac{\partial \left(\varphi_i J_s \dot{s} \right)}{\partial s} = J_s Q_{\varphi i} \qquad \text{Equation 24}$$

where:

φ_i	=	trace species concentration in density units (e.g., kg m^{-3})
J_s	=	vertical Jacobian of the terrain-influenced coordinate s
m	=	map scale factor
$\hat{\mathrm{V}}_s$ and $\dot{s}$	=	horizontal and vertical wind components in the generalized coordinates
$Q_{\varphi i}$	=	source or sink term.

After decomposing the variables in terms of mean and turbulent components, redefining the terrain-influenced vertical coordinate, and applying appropriate assumptions for the nature of turbulence and terrain, the above equation is transformed to

$$\frac{\partial \varphi_i^*}{\partial t} + \hat{\nabla}_\varepsilon \cdot \left[\varphi_i^* \hat{\bar{V}}_\varepsilon \right] + \frac{\partial \left(\varphi_i^* \bar{\hat{v}}^3 \right)}{\partial \hat{x}^3} + \hat{\nabla}_\varepsilon \cdot \left[\bar{\rho} \sqrt{\hat{\gamma}} \hat{F}_{qi} \right] + \frac{\partial \left(\bar{\rho} \sqrt{\hat{\gamma}} \hat{F}_{qi}^3 \right)}{\partial \hat{x}^3} = \sqrt{\hat{\gamma}} R_{\phi_i} \left(\bar{\varphi}_1, \cdots, \bar{\varphi}_N \right) + \sqrt{\hat{\gamma}} S_{\varphi_i} + \frac{\partial \varphi_i^*}{\partial t}\Big|_{\text{cld}} + \frac{\partial \varphi_i^*}{\partial t}\Big|_{\text{ping}} + \frac{\partial \varphi_i^*}{\partial t}\Big|_{\text{aero}}$$

Equation 25

where the terms represent, respectively:

- time rate of change of pollutant concentration;
- horizontal advection
- vertical advection
- horizontal eddy diffusion
- vertical eddy diffusion
- production or loss from chemical reactions
- emissions
- cloud mixing
- plume-in-grid process
- aerosol process

More information on Models-3/CMAQ can be found in the extensive documentation and User's Guides available from USEPA [Byun & Ching, 1999, USEPA, 1999c].

2.2.2.2 Inputs Processing for Photochemical Modeling

2.2.2.2.1 The Fifth-Generation Mesoscale Model (MM5)

The Fifth-Generation Mesoscale Model (MM5) [PSU/NCAR, 2003] is a limited-area, nonhydrostatic, terrain-following sigma-coordinate model designed to simulate or predict mesoscale and regional-scale atmospheric circulation. It has been developed at Pennsylvania State University and the National Center for Atmospheric Research (NCAR) as a community mesoscale model and is continuously being improved by contributions from users at several universities and government laboratories.

2.2.2.2.2 Sparse Matrix Operator Kernel Emissions (SMOKE) Processing System

In order for a photochemical model to utilize emission data, they have to be processed into a spatially gridded, temporally resolved and chemically speciated data file. This processing is done using the Sparse Matrix Operator Kernel Emissions (SMOKE) emission processing system [Houyoux & Vukovich, 1999]. Created by the North Carolina Supercomputing Center, SMOKE allows emissions data processing methods to integrate high-performance-computing (HPC) sparse-matrix algorithms. Besides area, mobile, and point source emission processing, SMOKE also includes biogenic emissions modeling through a revision of the Biogenic Emission Inventory System, version 2 (BEIS2) [USEPA, 2003d]. The sparse matrix approach utilized throughout SMOKE permits both rapid and flexible processing of emissions data. The processing is rapid because SMOKE utilizes a series of matrix calculations instead of less

efficient algorithms used in previous systems. The processing is flexible because the processing steps of temporal projection, controls, chemical speciation, temporal allocation, and spatial allocation have been separated into independent operations wherever possible. The results from these steps are merged together at a final stage of processing using vector-matrix mathematics. A flowchart depicting the components and information flows of SMOKE is shown in Figure 14.

Table 6. Variables assigned to point source aircraft emissions (from Strum et al., 2002)

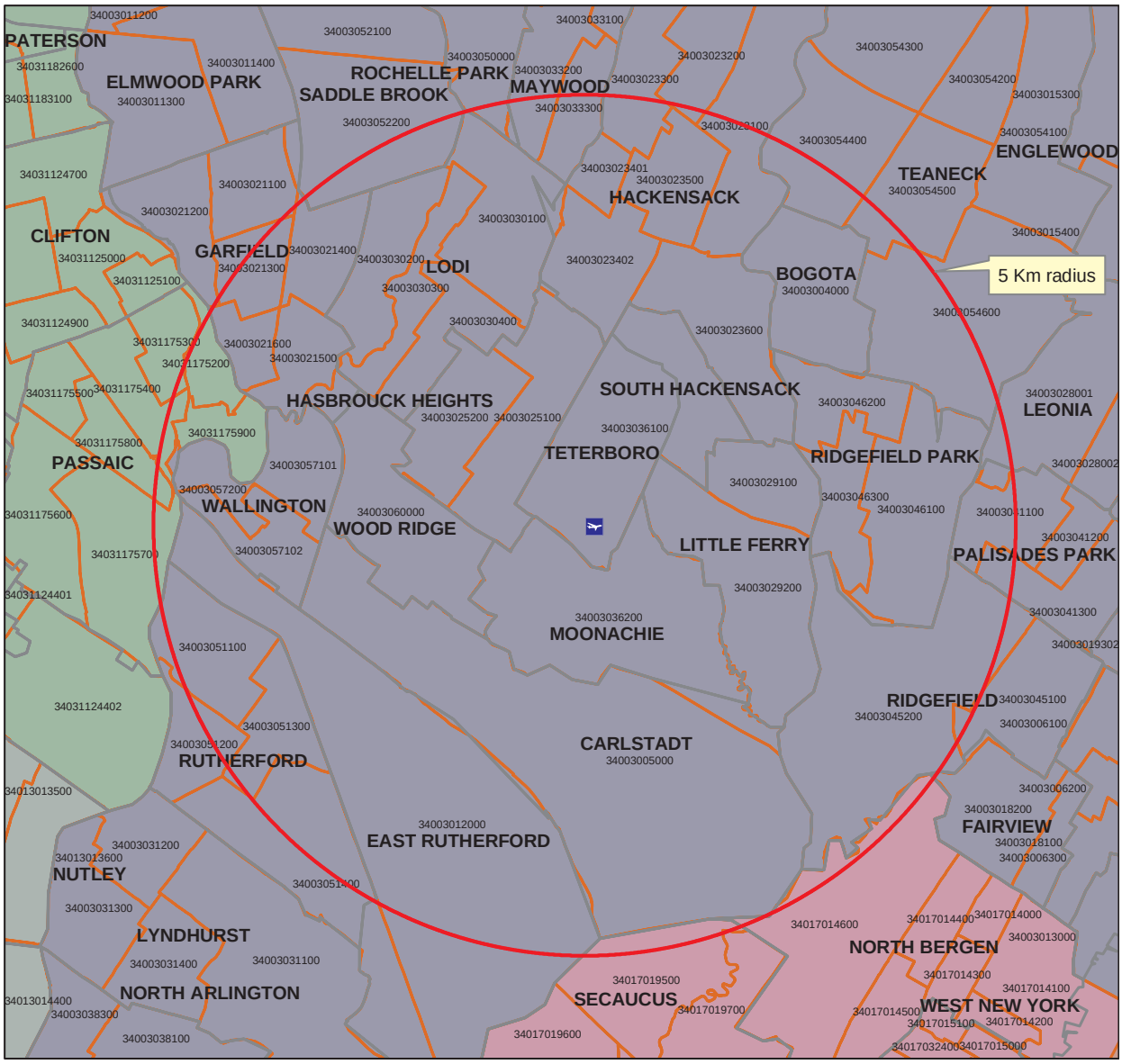
Variable Name	Data Description (units or values are in parentheses)	Source of Data or Value Assigned
EMIS	pollutant emissions value (tons/year)	based on mobile source inventory EMIS variable and allocation factor from airport allocation ancillary file
EMRELPID	code identifying a unique combination of airport site and airport AMS	concatenation of SITE_ID and mobile source inventory AMS variable
EMRELPTY	physical configuration code of release point	'AP'
FIPS	5-digit FIPS code (state and county combined)	concatenation of mobile source STATE and COUNTY variables
POLLCODE	unique pollutant code	mobile source inventory CAS variable
SCC	EPA source category code identifying the process	mobile source inventory AMS variable
SITE_ID	code identifying a unique airport site	concatenation of 'AP,' FIPS variable, and number assigned consecutively to each airport within county
SRC_TYPE	description of the emission source	'nonroad'
X	longitude (decimal degrees)	airport allocation file LON variable
XY_TYPE	type of coordinate system used (LAT/LON or UTM)	'LATLON'
Y	latitude (decimal degrees)	airport allocation file LAT variable

Table 7. ASPENA file descriptions

File Name	File Type	Description	Data Contents
Emission/control	ASCII	ASPENA input file	Modeling options; reactive decay rates ; emission rates for a group of HAPs with the same species type, reactivity class, and selections for dry/wet deposition; Emission rates by stack for point sources and by census tract for pseudo point sources (area or mobile sources) for each of eight 3-hour time blocks; stack parameters for point sources
Meteorological Index	Binary	ASPENA input file	NWS station ID and location; annual average temperatures (max, min, and mean) and precipitation (avg. and frequency); annual average mixing heights for eight 3-hour blocks
STAR meteorological data	Direct access binary	ASPENA input file	Joint frequencies of 6 wind speeds, 16 wind directions and 6 stability categories at each NWS station for each of eight 3-hour time blocks
SYS file	ASCII	ASPENA run stream	List of ASPENA input and output filenames
Normalized source concentration and deposition file	Binary	ASPENA output file (ASPENB input file)	Normalized concentration/deposition estimates for the polar grid receptors surrounding each emission source for each of eight 3-hour blocks; emission rates of the associated HAPs from each source for each of eight 3-hour time blocks
Source listing	ASCII	ASPENA output file	List of processed sources used by ASPENA (used for QA purposes)

Table 8. ASPENB input and output file descriptions

File Name	File Type	Description	Data Contents
Normalized source concentration and deposition file	Binary	ASPENB input file (ASPENA output file)	Normalized concentration/deposition estimates for the polar grid receptors surrounding each emission source for each of eight 3-hour blocks; emission rates of the associated HAPs from each source for each of eight 3-hour time blocks
Census tract data	Binary	ASPENB input file	Tract FIPS code, longitude and latitude of the centroid, urban/rural flag of the tract, and hypothetical tract radius
Census tract index	Binary	ASPENB input file	State/county FIPS codes; state/county max and min longitude/latitude; pointer to the first county in state and number of counties in state; pointer to the first tract in county and number of tracts in county
Population concentration and deposition file(naming convention [saroad].EXP)	Direct access binary	ASPENB output file (AVGDAT input file)	Estimates of annual average concentrations (in µg/m3) at each census tract for each of eight 3-hour time blocks, and annual average deposition fluxes over land and water(in µg/m^2-day) for each HAP/source category combination
File listing	ASCII	ASPENB output file	List of processed concentration filenames by ASPENB to prevent processing an input more than once



General Map of the Vicinity (5km radius) of Teterboro Showing Zip Code and Census Tract Boundaries

Legend

Teterboro Aiport Location
New Jersey Zip Codes
New Jersey Census Tracts

County Name

Bergen, Hudson, New York, Essex, Passaic

Kilometers
0 0.45 0.9 1.8
Projection: UTM Zone 18N

N W E S

Figure 7. Receptor area for modeling analysis: all 53 census tracts within a 5 km radius from Teterboro Airport

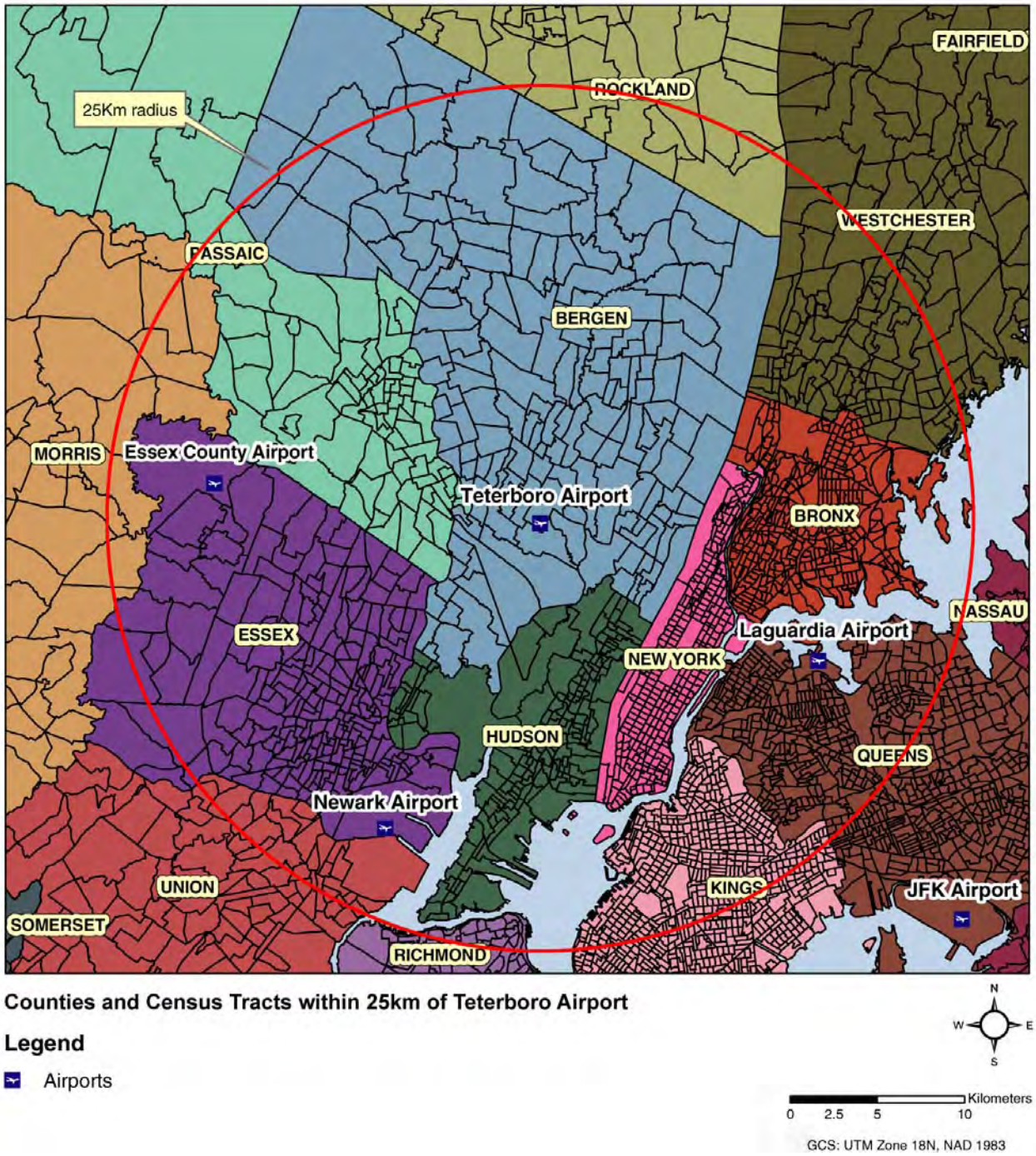


Figure 8. Emissions considered in the annual modeling analysis for 1999: All mobile (on-road and off-road), point, and area sources in census tracts within a 25 km radius from Teterboro Airport

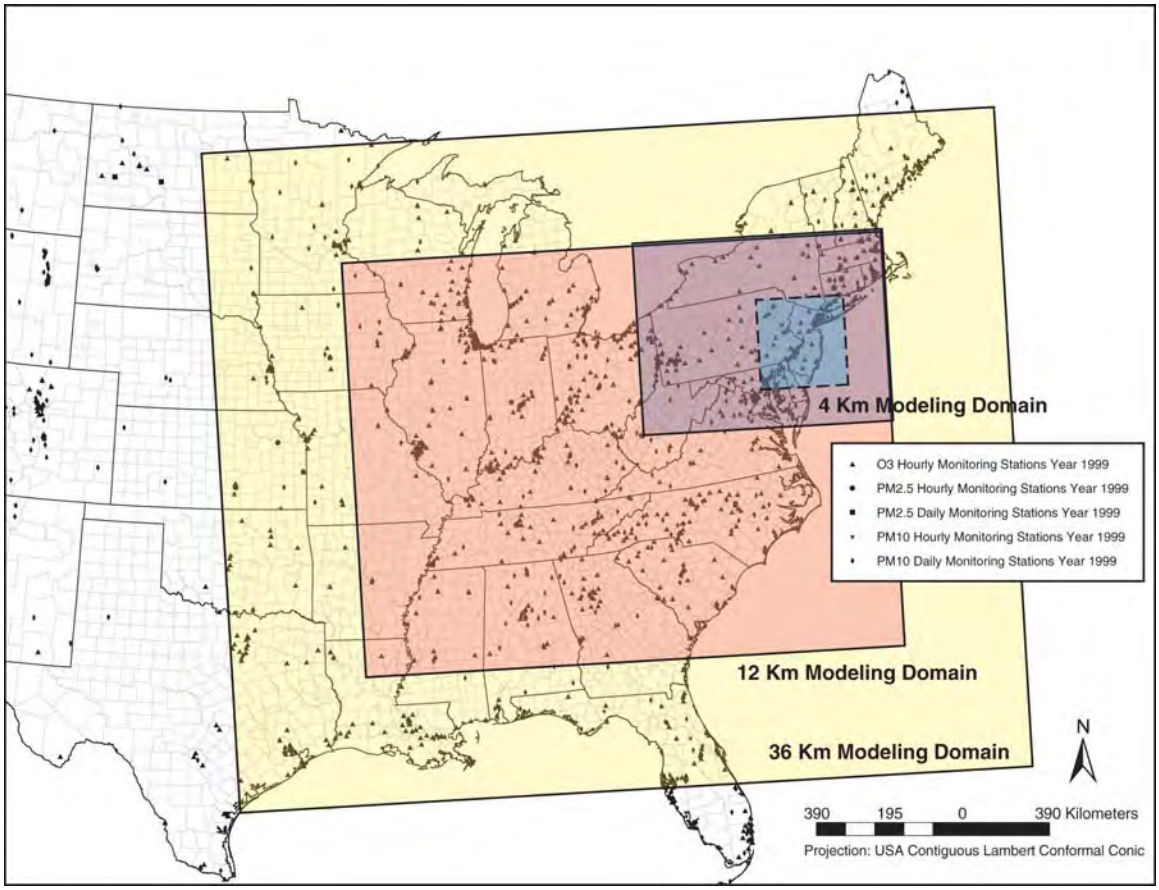


Figure 9. Map of Models-3/CMAQ air quality modeling domain with 36 km, 12 km, and 4 km horizontal grid resolutions employed in the current applications

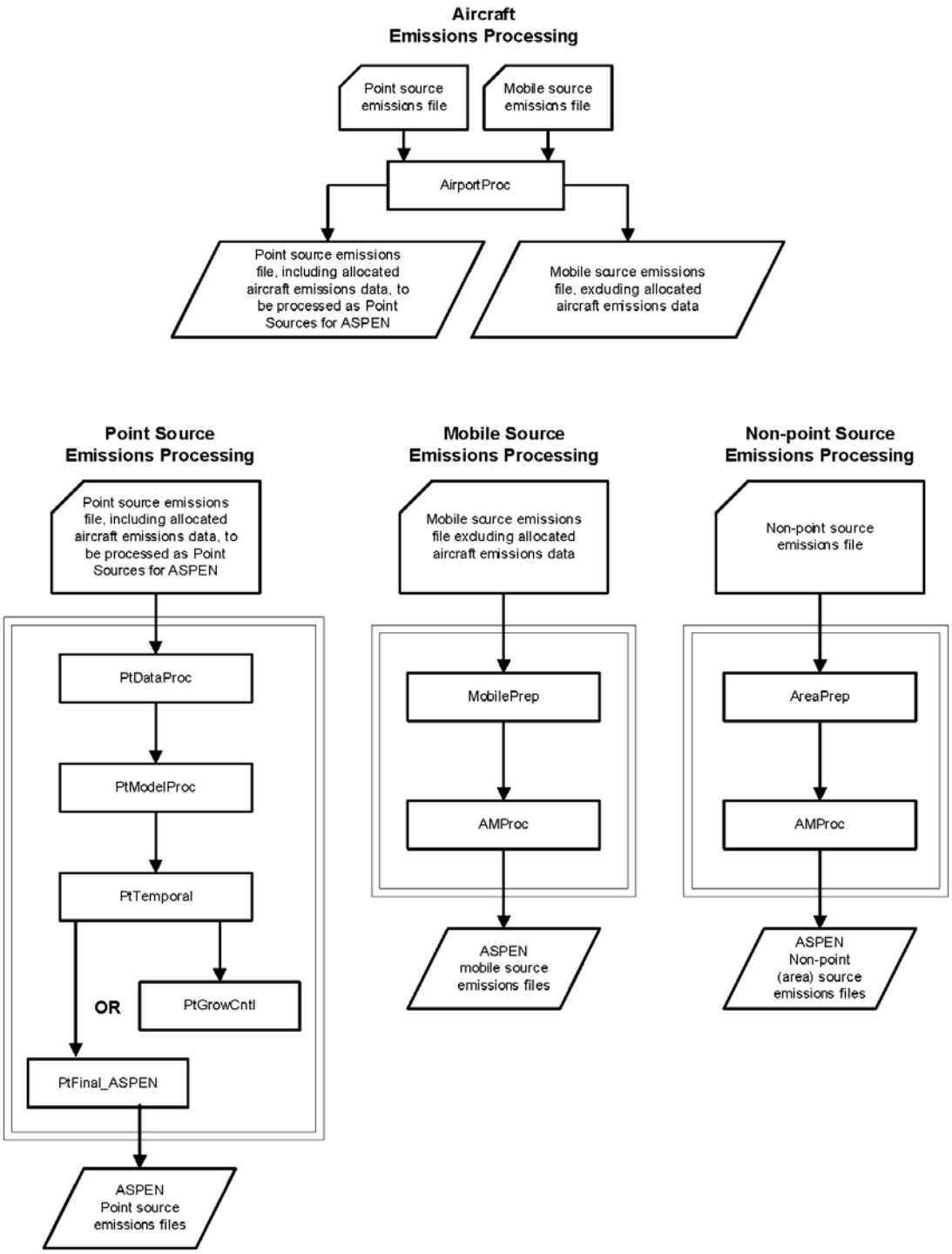


Figure 10. Overview of EMS-HAP processing for ASPEN (adapted from Strum et al., 2002): EMS-HAP allocates emissions both spatially (at census tract level) and temporally

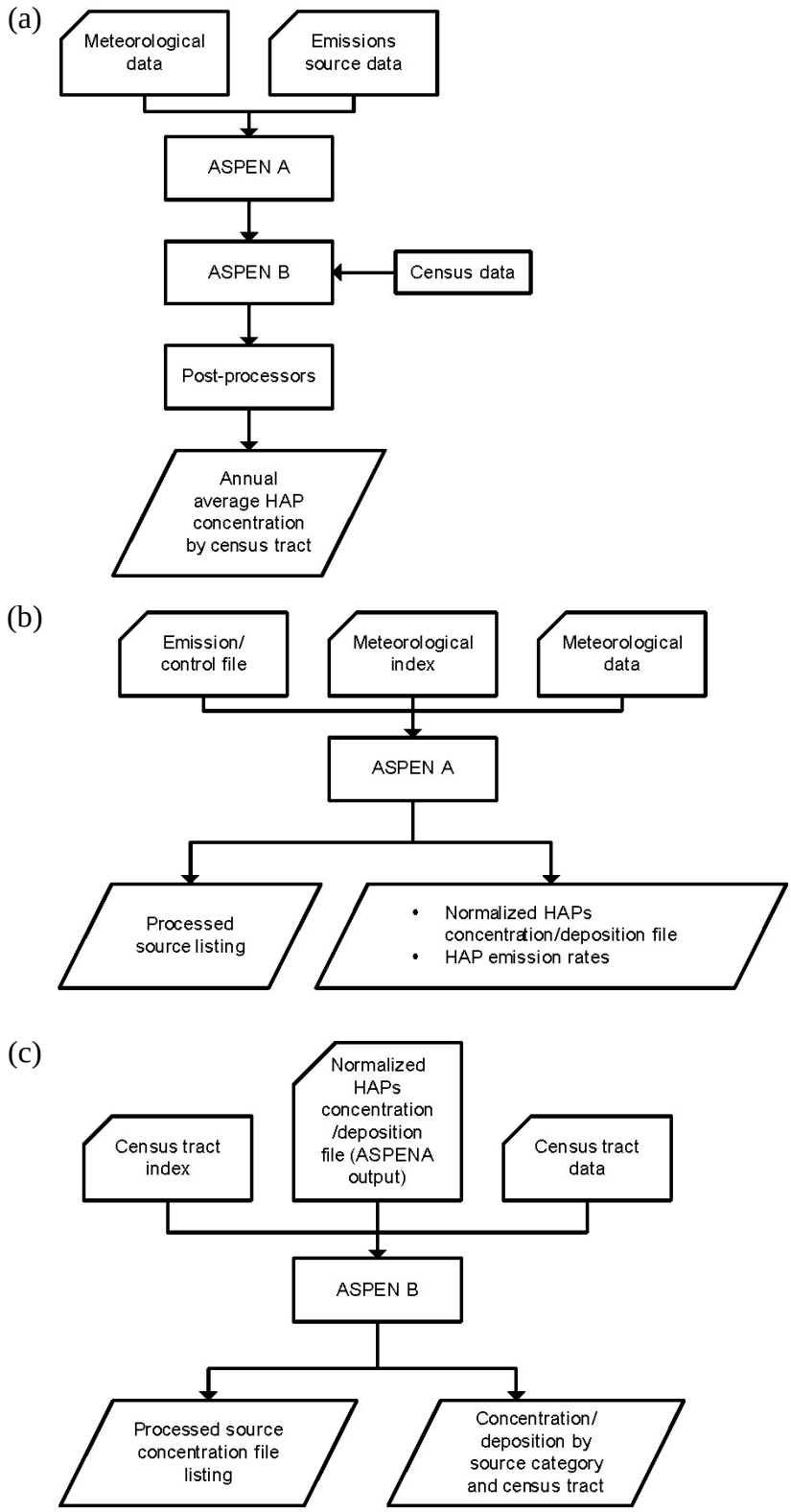


Figure 11. Flow diagram of (a) the ASPEN modeling system, (b) the ASPENA dispersion module, and (c) the ASPENB mapping module

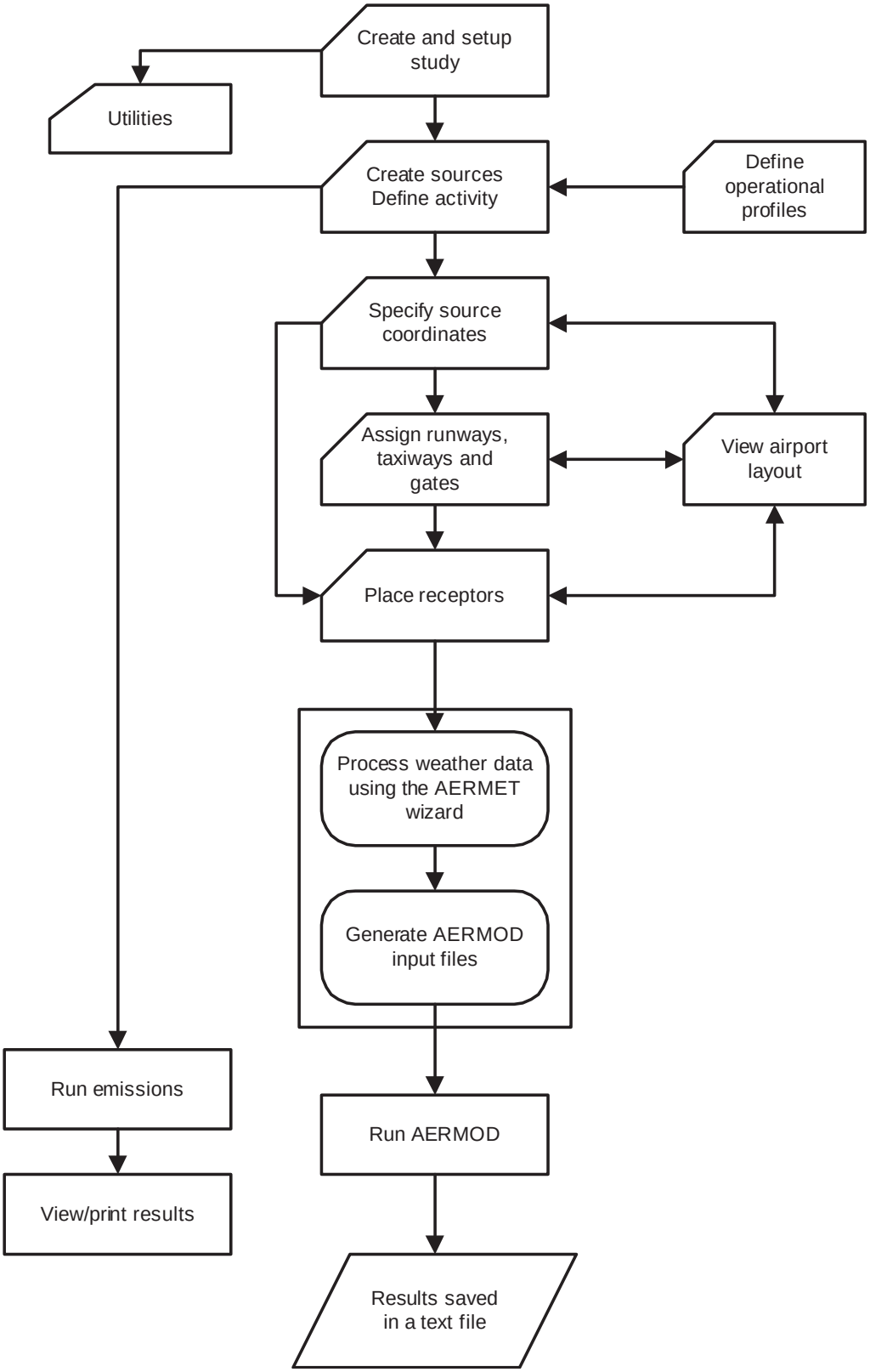


Figure 12. Overview of Emissions and Dispersion Modeling System (EDMS) information flows and calculation processes

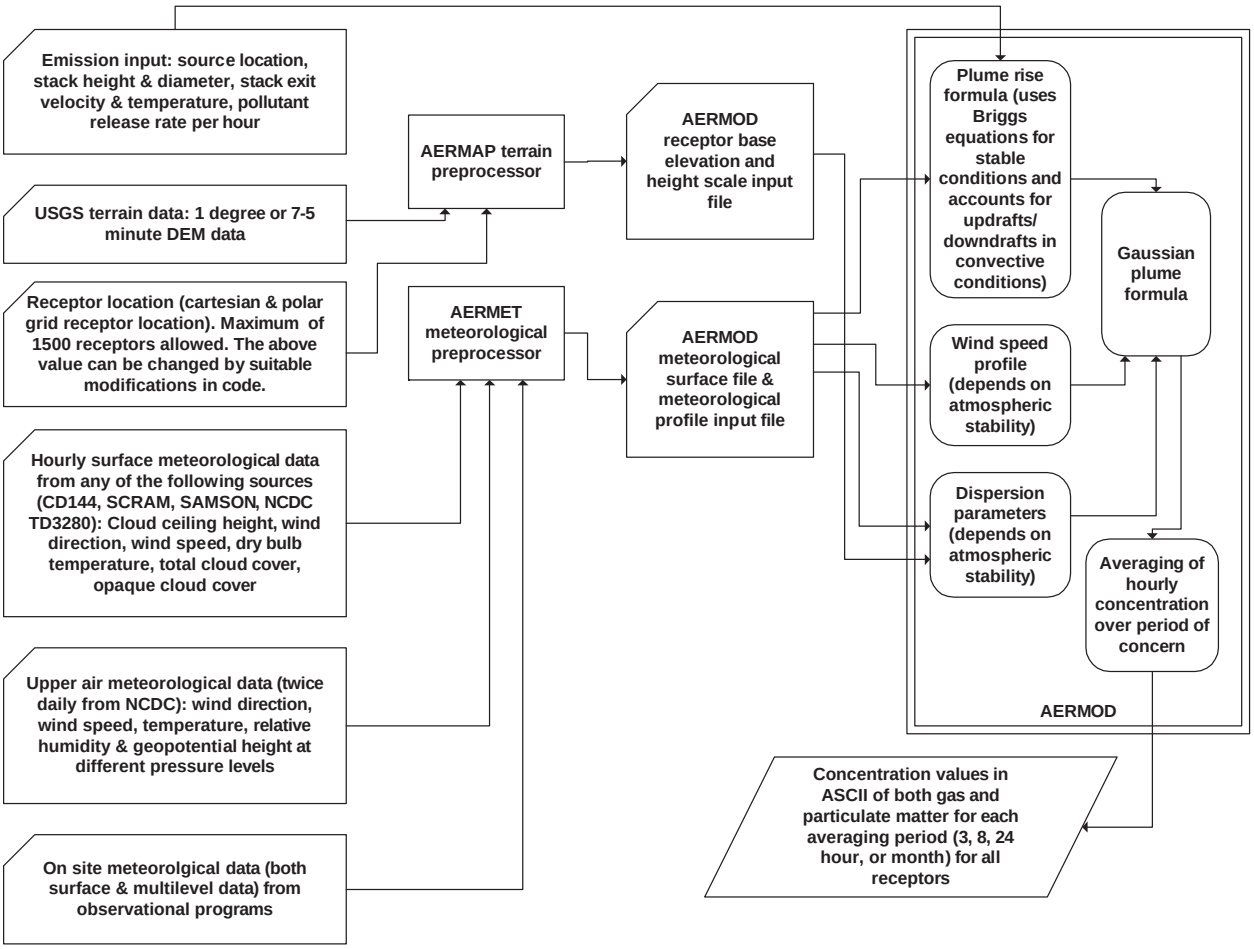


Figure 13. Overview of AERMOD information flow and calculation processes

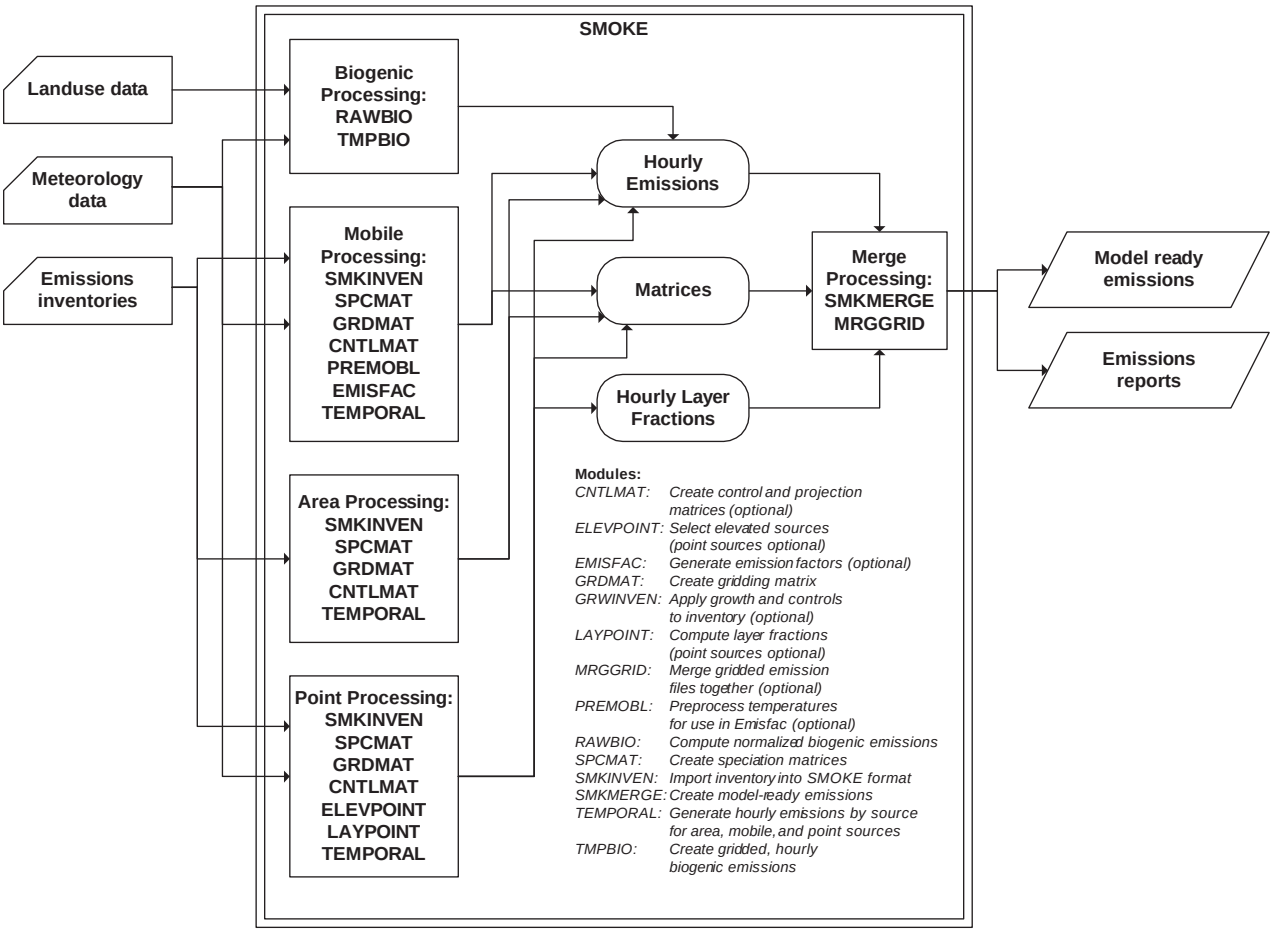


Figure 14 Flowchart showing information flows and calculations for the Sparse Matrix Operator Kernel Emissions (SMOKE) emissions processing system

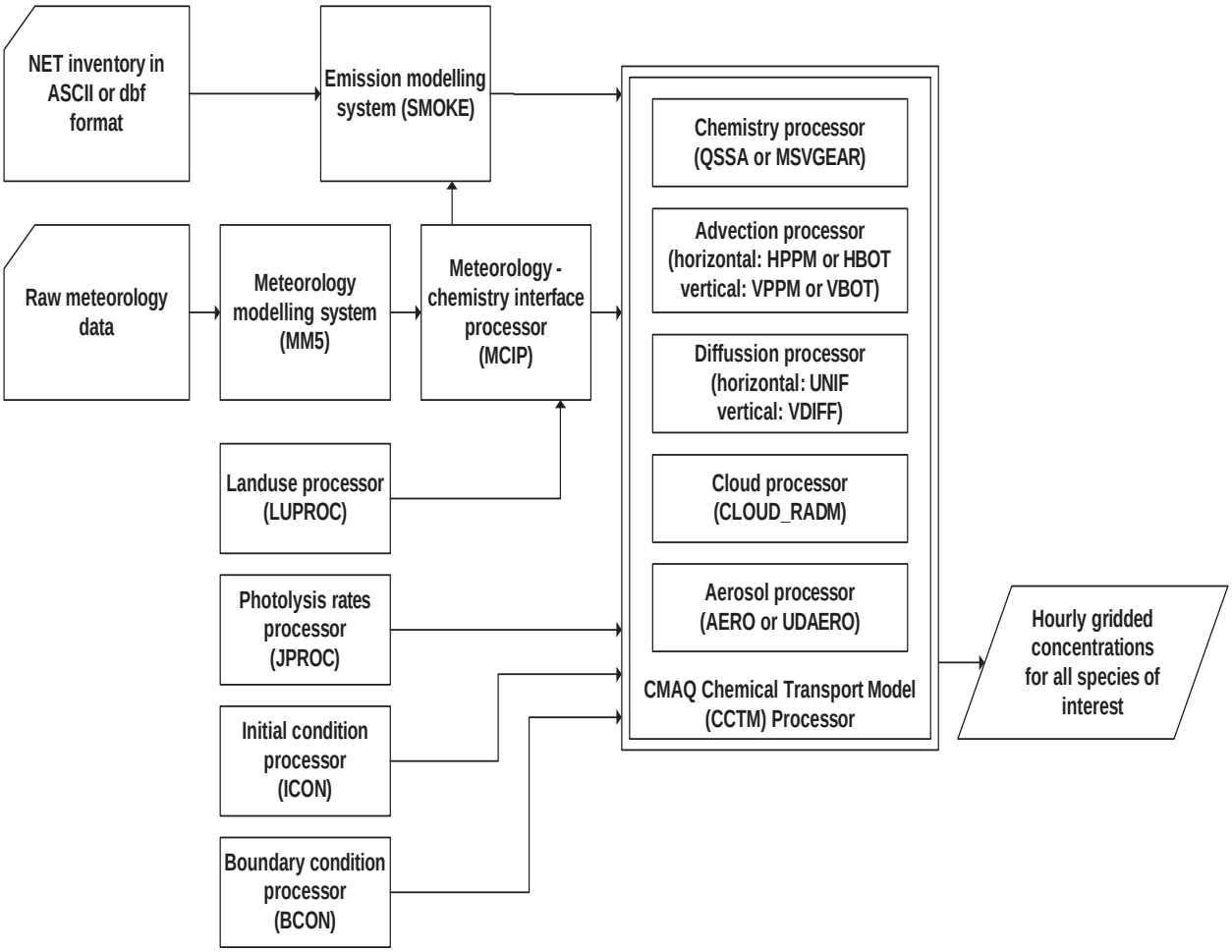


Figure 15 Flowchart showing information flows and calculation modules for the Community Multiscale Air Quality (CMAQ) modeling system, a component of USEPA's Models-3

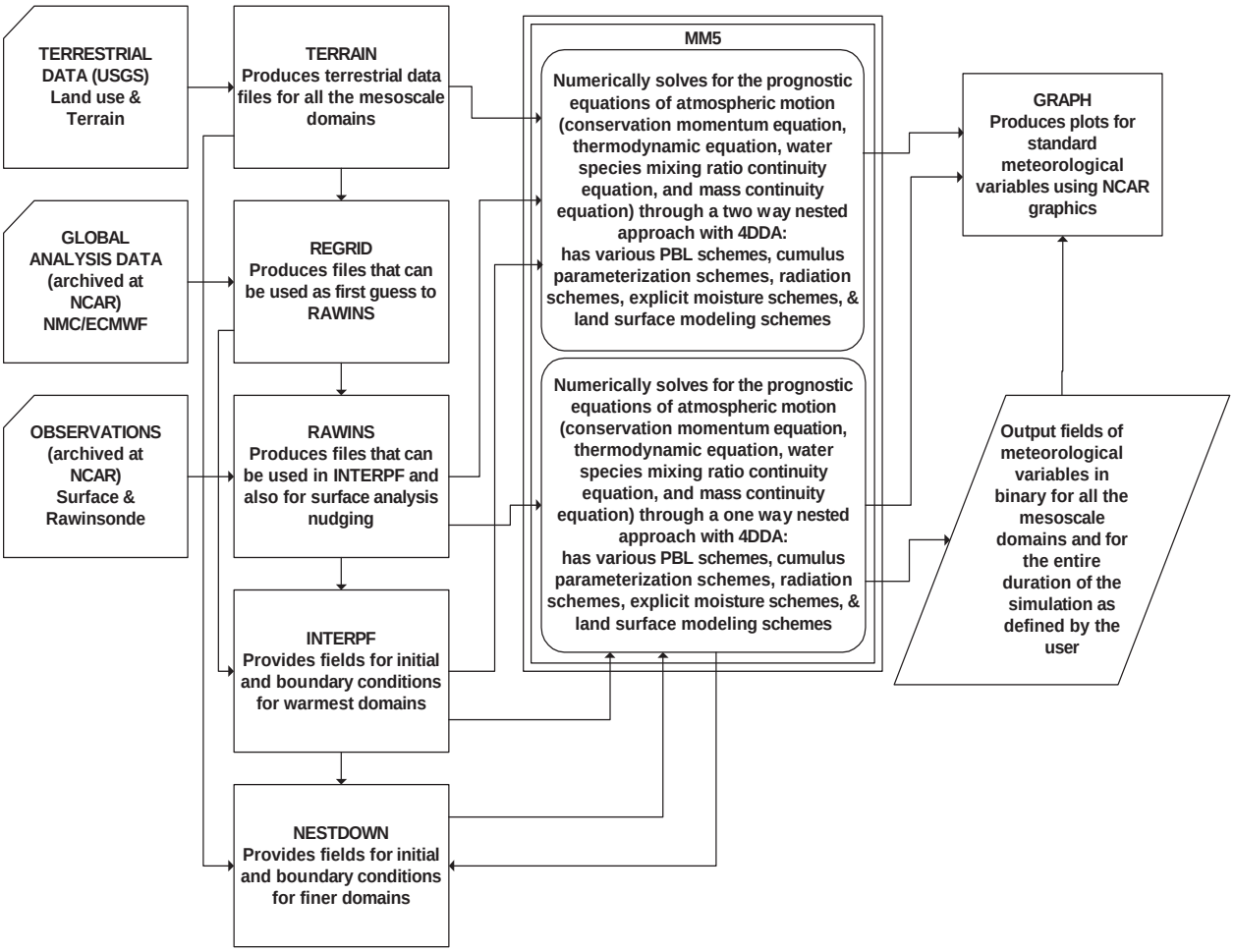


Figure 16 Flowchart showing information flows and calculation modules for the Mesoscale Meteorological 5 (MM5) modeling system

3 IMPLEMENTATION AND RESULTS

This section summarizes, in graphical format, the outcomes of the long and short-term[16] modeling analyses involving estimation of:

- Emissions of the twelve air toxics of Table 2 from different source categories (mobile on-road, mobile off-road, area, and point) for each of the counties (or sections of counties) in the "emissions domain" (i.e. the area within a 25 km radius from Teterboro Airport).
- Ambient concentrations of these twelve air toxics for 53 census tracts totally or partially located within a circle of 5 km radius, centered at Teterboro airport (the "receptor domain").

The center of the circle defining the emissions and receptor domains mentioned above is located at UTM Zone 18 (NAD83): 579066E, 4522511N; Latitude/Longitude: 40.8498°N, 74.0620°W.

The (spatially weighted) annual concentration averages developed with the EMS-HAP/ASPEN[17] system and the 1999 NEI are in fact resolved by contributions of (a) individual source categories and (b) county where the source is located.

Summary tables listing numerical values of the estimated county-level emissions and census tract averaged annual concentrations from the EMS-HAP/ASPEN system and the 1999 NEI data can be found in Appendices A (emissions) and B, C and D (concentrations); more specifically, Appendices C and D list the percentage contribution of different sources in different counties to the corresponding ambient concentrations at the census tracts in the vicinity of Teterboro airport.

Both long-term (annual period) and short-term (daily/hourly for two and one weeks in July, respectively) calculations considered conditions and used available meteorological and emission data for the year 1999. As mentioned in the Approach and Methods section, this is the most recent year for which detailed emission inventories have been compiled and quality assured by State environmental agencies and the USEPA.[18]

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[16] If not stated otherwise, short-term modeling analysis refers to the simulation of daily concentrations resulting from Teterboro airport operations and local roadways using the EDMS/AERMOD system; the 5 km radius "receptor domain" involving the 53 census tracts around Teterboro airport is relevant to both the EMS-HAP/ASPEN and EDMS/AERMOD calculations. The photochemical air quality simulations with Models-3/CMAQ (with meteorological inputs preprocessed by MM5 and CNAQ, respectively) constitute a regional supplemental analysis performed for cross-comparison and corroboration purposes.

[17] ASPEN can calculate impact of a source up to a maximum distance of 50km. As mentioned in the Approach and Methods section, in the present study the impact zone was implemented in a "reverse" mode, by considering all sources up to distances of 25km from the vicinity of Teterboro Airport. This should be a reasonable approach given the density of sources in the region; it also ensures a conservative estimate (i.e. overestimate) of the relative contribution of emissions from Teterboro Airport to the area surrounding it.

[18] The photochemical air quality simulations with Models-3/CMAQ actually used emission estimates from the 1998 National Emissions Trends (NET) inventory, as the 1999 had not been released

- A local modeling study employing FAA's EDMS (Emissions and Dispersion Modeling System) [CSSI, 2001], which incorporates FAA's comprehensive emissions database and USEPA/AMS' AERMOD dispersion model [USEPA, 1998a]. Airport operations data provided by PANYNJ were used as the inputs to the EDMS model. Objective of this analysis was to mainly characterize day-to-day variability on the ambient local levels of volatile organic compounds emitted by airport operations as well as from the local roadways.
- A regional modeling study employing USEPA's photochemical air Quality modeling system, Models-3/CMAQ (3rd generation model for Community Multiscale Air Quality studies [Byun & Ching, 1999] . Objective of this analysis was to consider the effects of broad regional emissions and of atmospheric photochemistry on formaldehyde, which is the most chemically reactive of the air toxics considered here; it should be noted however, that this analysis focuses more on characterizing diurnal dynamics of formaldehyde across the entire local "receptor domain" of this study and does not have the resolution to differentiate between nearby census tracts.

3.1 Annual Average Impact of Airport Operations on Local Air Quality

3.1.1 Annual Emissions of Air Toxics Affecting Air Quality in the Vicinity of Teterboro Airport

Figure 17 shows the percentage of annual total emissions (tons/yr) of the 12 chemicals considered in the annual modeling analysis for 1999, from different sources within 25km of Teterboro Airport.

Figure 18 to Figure 29 show maps of the emissions, for each of the twelve air toxics considered in the annual modeling analysis for 1999, from all sources located within a 25km radius from Teterboro Airport (the "emissions domain"). The four panels in each of these figures show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization in these maps.

Also, as mentioned in the Approach and Methods section, two different sets of estimates for the emissions of the air toxics of concern from Teterboro airport were used in the annual period based simulations: "base" or preliminary estimates based on nationwide averages of fleet composition and fuel usage, and "case specific" or adjusted estimates that took into account actual Teterboro airport fueling activity data, as provided by PANYNJ.

3.1.2 Annual Average Concentrations of Air Toxics in the Vicinity of Teterboro Airport

Annual average concentrations of air toxics in the vicinity of Teterboro Airport are presented in tables organized in Appendices B to D:

- Appendix B contains tables presenting the calculated annual average ambient concentrations for each census tract located within 5km from Teterboro Airport

- Appendix C contains tables presenting the calculated percentage contributions to local annual average ambient concentrations of air toxics from different emission source categories based on 1999 NEI inventory
- Appendix D contains tables presenting the calculated percentage contributions to local annual average ambient concentrations of air toxics from different emission source categories based on 1999 NEI adjusted with local information

As an example graphical representation of these results, Figure 30 shows (a) the location of census tract #34003036200 (Moonachie) and the percentage contributions to annual total average concentrations (µg/m3) in census tract #34003036200 from (b) adjusted emissions inventory and (c) base emissions inventory. Figure 31 depicts the same scenario, but for census tract #34003045200 (Ridgefield).

Furthermore, Figure 32 - Figure 43 show maps of the annual average ambient concentrations, for each of the twelve air toxics considered in the annual modeling analysis for 1999 (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels in each figure show, respectively, (a) total concentration from all sources within a 25 km radius of Teterboro Airport (adjusted emission inventory); (b) total concentration from same sources minus Teterboro airport sources (adjusted emission inventory); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (base emission inventory); and (d) total concentration from same sources minus Teterboro airport sources (base emission inventory).

- For acetaldehyde the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 0.215 µg/m^3 in Teaneck to a maximum of 0.774 µg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.671 and 0.054%, respectively.
- For acrolein the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 0.050 µg/m^3 in Teaneck to a maximum of 0.156 µg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.729 and 0.067%, respectively.
- For benzene the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 1.794 (1.860)[19] µg/m^3 in Teaneck to a maximum of 5.054 (5.073) µg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.225 (3.741) and 0.023 (0.396)%, respectively.
- For 1,3-butadiene the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 0.096 µg/m^3 in Teaneck to a maximum of 0.574 µg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.472 and 0.025%, respectively.
- For ethylbenzene the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 0.685 (0.691) µg/m^3 in Teaneck to a

[19] The numbers listed in parentheses correspond to calculations performed using the 1999 NEI without adjustment for local attributes of fleet composition and fuel usage at Teterboro Airport.

maximum of 2.261 (2.263) μg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.443 (1.217) and 0.039 (0.108)%, respectively.

- For formaldehyde the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 0.974 μg/m^3 in Teaneck to a maximum of 2.845 μg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.526 and 0.052%, respectively.
- For MTBE the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 2.257 μg/m^3 in Teaneck to a maximum of 7.484 μg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.012 and 0.001%, respectively.
- For naphthalene the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 0.0498 (0.0499) μg/m^3 in Saddle Brook to a maximum of 0.1317 (0.1321) μg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.606 (0.914) and 0.553 (0.840)%, respectively.
- For propionaldehyde the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 0.0408 μg/m^3 in Teaneck to a maximum of 0.141 μg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.598 and 0.0499%, respectively.
- For styrene the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 0.0314 μg/m^3 in Teaneck to a maximum of 0.226 μg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.419 and 0.018%, respectively.
- For toluene the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 4.213 (4.302) μg/m^3 in Teaneck to a maximum of 13.553 (13.579) μg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.310 (2.370) and 0.028 (0.218)%, respectively.
- For xylene the calculated annual average values per census tract of the receptor domain in 1999 ranged from a minimum of 2.841 (2.868) μg/m^3 in Teaneck to a maximum of 8.946 (8.954) μg/m^3 in Ridgefield; the percentage contribution of emissions from Teterboro airport to these levels was 0.480 (1.390) and 0.044 (0.130)%, respectively.

3.2 Short-Term Impact of Airport Operations on Local Air Quality

3.2.1 Establishing an Inventory of Airport and Local Roadway Emissions for EDMS

A database containing basic airport information is consolidated in EDMS and Teterboro Airport was already included in the database; so a first step involved confirming the existing global parameters. Elevation and mixing height were set to 9 and 3000 ft respectively. The location of the airport was set to 40-51-00.359N, 074-03-39.007W and the average annual temperature to 58°F. The period of interest (July 20th to July 27th, 2003) was selected taking into account the following criteria:

- Data availability (aircraft activities, meteorological data, fuel usage, GSE activity)
- Meteorological and traffic conditions (both in air and ground) should relevant to a "peak hour" situation scenario.

The next step involved incorporating all airport characteristics that would affect the location of the sources releasing pollutants within the vicinity of the airport. The sources of pollutants due to activities within the airport were divided into:

1. Aircraft activities
2. Ground Support Equipment (GSE), Aerospace Ground Equipment (AGE) and Auxiliary Power Units (APU)
3. On-road vehicles
4. On-road vehicles in parking lots
5. Stationary sources

AERMOD-based dispersion modeling for the area of interest required establishing a database with the geographical attributes of the potential sources. All available spatiotemporal input and output datasets were imported in a Geographical Information System (GIS) database. The database was created using ArcGIS 8.3 and the selected Geographical Coordinate System (GCS) was UTM (Zone 18N – NAD 1983). An aerial image provided by the Port Authority of New York and New Jersey (PANYNJ) was referenced geographically and used as the basic map to locate emission sources. A second layer of information provided by PANYNJ was a detailed technical drawing of the airport including all neighboring facilities. The resulting map (Figure 44) depicts the location of the runways that were modeled. The facility consists of a two-runway configuration: Runway 1-19 is 7,000 feet long and Runway 6-24 is 6,015 feet long; the two (on the average) share the traffic load equally. In the same manner, 5 gates were assigned and 12 possible taxiways were selected. For the dispersion modeling, a route was assigned to each aircraft included in the study, starting from a gate and ending in the queue spot directly before the runway of choice. Finally, the airport's parking lots were added as an additional source in the area of interest. The study map produced within EDMS, (Figure 45) shows the different components that were identified in ArcGIS and used as input to the EDMS calculations.

3.2.2 Aircraft Emissions

Teterboro airport air traffic information was analyzed in order to define the traffic load and the fleet composition during a busy summer week of the year 1999. The PANYNJ provided the required data including a detailed log of the flights for the entire year. As shown in Figure 46, during the period 1996-2000, 1999 was the year that Teterboro served the highest number of movements. Given the fact that during the last three years the traffic load was stable, 1999 can be considered as an appropriate year for modeling purposes. The week selected was July 20-27, 1999. All aircraft activity is recorded in the control tower and an extensive log was obtained for the period of interest. During this 7-day period, 4,491 aircraft movements were recorded. The 20 most frequently served types of aircraft were derived from the same 7-day dataset and can be found in Table 10. The annual aircraft movements were also reported in order to compare the weekly "peak run" to the annual average activity of the airport. The annual averaged fleet data presented in Table 11 suggest that the fleet composition shows no significant variation with season and is representative of all types of activity, including helicopter landing/takeoff. The 20

aircrafts with the highest activity were used to represent the entire fleet for modeling purposes, and their movements were multiplied by a conversion factor of 3.25 to project them according to the weekly total. The same technique was applied to the annual data and the conversion factor used was 1.74. From the airport records the total number of movements for 1999 was 186,357. It can be noted that, as expected, the peak hour parameters used in the current study would overestimate the annual average activity to be 234,760 movements (the difference being 48,403 additional movements) if applied to the entire year.

The final modeled fleet, after the assignment in the EDMS database, is presented in Figure 47. Each aircraft was assigned a specific route so that there was a balance in the usage of runways and gates. The number of LTOs varies with time and this variation is critical for the dispersion calculations. By breaking down the traffic load of the modeled week to hourly numbers, a number of movements during peak hours were calculated along with the temporal variation of this number (as a percentage). The same variation is also representative of other activities within the airport, like the GSE profile.

For Teterboro, each FBO provided the operational time of GSE through a reading of their HOBBS meter in terms of hours of usage per month and year. This information was incorporated in the present study, although the equipment identification module in EDMS does not include every individual component that was identified. In such cases a “best alternative” GSE was selected and assigned the database default values to it. The total taxi at queue time (TIM) was set to 15 minutes, as a typical time representative of operations at Teterboro Airport. In the present study, standard values were used for approach angle (3 degrees) and for mixing height (3000 ft).

3.2.3 On-Road Vehicles (Local Roadways)

Data on the traffic counts for major roadway sections within 5km from the airport were provided by the New Jersey Department of Transportation (NJDOT) and a vehicular traffic survey and analysis for the area around the airport, conducted by the Port Authority of New York and New Jersey (PANYNJ, 1999). The roadways that were included in this study were identified within the GIS database of the present study and their coordinates were extracted and used in EDMS (Figure 48). The number of vehicles was derived from the NJDOT count reports for specific locations of those roadways. A summary of the numbers used can be found in Table 12 and the extensive summary is available in Appendix E.

3.2.4 On-Road Vehicles in Parking Lots

All Fixed Base Operators (FBOs) situated in Teterboro provided GSE traffic information for the parking lots used. The average speed of vehicles traveling in the parking lot (*Speed In Lot*) is one of the parameters necessary to determine a MOBILE5a emission factor for the movement of the vehicles. The other three parameters are the global parameters of *Vehicle Fleet Year*, altitude (*Elevation*), and *Average Yearly Temperature*, as mentioned before. Idle emission factors (grams/vehicle) are computed by extracting emission factors, with a vehicle speed of 2.5mph and modifying these factors with the *Avg. Idle Time*. The input for the idle time is an estimate of the average time a vehicle spends idling between entry and exit. The input for *Avg. Distance Traveled in Lot* is an estimate for the average distance a vehicle travels between entry and exit. The values of the parameters described can be found in Appendix E.

3.2.5 Stationary Sources

The EDMS database contains emission factors for several categories of stationary sources. Each broad category is further broken down into several specific types, including *Incinerators*, *Power/HeatingPlants*, *Fuel Tanks*, *Solvent Degreasers*, and *Surface Coating Facilities*. In the present study, only the fuel tanks were included. Table 13 summarizes the total aircraft operations by aircraft category and fuel type. The fleet mix at Teterboro consists of a broad range of aircraft that are powered by either aviation gasoline (100 octane, low lead content) or Jet A fuel. As can be seen from the table, 29% of the operations required AvGas fuel which represents 2% of the fuel dispensed for 1999.

The airport has two fuel farms operated by Exxon and Texaco. Table 14 illustrates the total throughput for 1999, for each fixed based operator (FBO) served by each fuel farm. Those values were converted to kiloliters per year and used in EDMS calculations. The dispersion radius was set to 5 meters for each fuel farm and the velocity of the fuel to 4m/s (default value). It should be noted that EDMS provides only basic modeling of fuel farms. For more detailed results that take into account stage I and II activities, truck refueling, transportation, and spillage, more detailed models are available [Landrum & Brown, 2003].

The emission factors for specific fuels under fuel tanks were derived from computations that included a default value for percent vapor recovery, and specific values for molecular weight, density and true vapor pressures (at different temperatures). For each fuel type, computations were carried out for two types of fuel tanks: fixed roof and floating roof.

3.2.6 Other Data

3.2.6.1 Weather data

Weather data were obtained for the meteorological station of Teterboro (#94741) for the period 1996-2000 in ASOS format. The datasets were converted to MET144 format and upper air data were derived through RAMMET software in order to obtain upper air estimates for the topography and weather conditions in Teterboro. The surface and upper-air observations were processed with the meteorological preprocessor, AERMET, creating a single file to be used by AERMOD.

The windroses from the datasets processed both for seasonal and daily variations can be found in Figure 49 - Figure 52.

3.2.6.2 Receptor network

Two receptor networks were used, corresponding to two different scenarios. In the first scenario 53 discrete receptors, corresponding to the census tract centroids within a radius of 5km from the airport were used. The locations were obtained from the GIS database and the layer that contains demographic information. The height was set to 1.8 meters above surface. In the second scenario a grid of 2500 receptors was specified, covering a 7x7km square with a 250x250 meter resolution. The fine receptor grid is designed to capture possible hot spots in the domain of concern.

3.2.7 Discussion of Modeling Results

EDMS was configured to run for two different input scenarios and two output options. For the first input scenario, only Teterboro Airport activities were taken into account while for the second one selected roadway sections were included in the emitting sources. The two output options refer to the receptor network that is selected for the calculations (census tracts or 250x250m grid). The output files were converted to Access database files, georeferenced and incorporated in the GIS database.

Figure 53 shows ratios of EDMS daily average maximum (7/24/99) and minimum (7/21/99) over ASPEN annual 1999 average for census tract #34003036200 (Moonachie), showing that day-to-day variability of contributions to ambient air toxic levels from individual sources can be very large.

Figure 54 shows average daily concentration at (a) census tract #34003036200 (Moonachie) and (b) census tract #34003045200 (Ridgefield), calculated for 7/20-27/1999 with EDMS, using only airport activities as source.

Figure 55 to Figure 62 show EDMS model output for July 20-27, 1999, within the 7x7km (2500 receptors) receptor domain of Teterboro Airport (a) using both airport and roadway emissions; (b) using airport emissions only.

Figure 63 to Figure 70 show EDMS model output for July 20-27, 1999, with the receptor network representing all census tract centroids within 5km of Teterboro Airport (a) using airport and roadway emissions; (b) using airport emissions only.

The daily-averaged total ambient VOC concentrations, representative of the centroid of each census tract of the receptor domain, and resulting from emissions related to airport operations alone, showed significant day-to-day variability, as follows:

- On July 20 the concentration value ranged from a minimum of 0 $\mu g/m^3$ in Cliffside Park, Palisades Park, Ridgefield, and Rutherford to a maximum of 0.482 $\mu g/m^3$ in Hasbrouck Heights; the corresponding minimum and maximum ambient VOC values resulting from combined airport and local roadway emissions are 0.068 $\mu g/m^3$ in Palisades Park and 53.54 $\mu g/m^3$ in Teterboro. For comparison purposes, the “absolute” maxima calculated using the fine EDMS/AERMOD for the same day for emissions from the airport and from combined airport and local roadway emissions, respectively, were 112.53 $\mu g/m^3$ in Woodridge and Moonachie.
- On July 21 the concentration value ranged from a minimum of 0 $\mu g/m^3$ in Cliffside Park, Palisades Park, Secaucus, Ridgefield, and North Bergen to a maximum of 1.061 $\mu g/m^3$ in Hasbrouck Heights; the corresponding minimum and maximum ambient VOC values resulting from combined airport and local roadway emissions are 0.002 $\mu g/m^3$ in Cliffside Park and 67.438 $\mu g/m^3$ in Teterboro. For comparison purposes, the “absolute” maxima calculated using the fine EDMS/AERMOD for the same day for emissions from the airport and from combined airport and local roadway emissions, respectively, were 97.93 $\mu g/m^3$ in South Hackensack.

- On July 22 the concentration value ranged from a minimum of 0 μg/m^3 in Cliffside Park, Lyndhurst, North Bergen, and Secaucus to a maximum of 0.931 μg/m^3 in Hasbrouck Heights; the corresponding minimum and maximum ambient VOC values resulting from combined airport and local roadway emissions are 0 μg/m^3 in North Bergen and 99.186 μg/m^3 in Teterboro. For comparison purposes, the "absolute" maxima calculated using the fine EDMS/AERMOD for the same day for emissions from the airport and from combined airport and local roadway emissions, respectively, were 105.183 μg/m^3 in South Hackensack.
- On July 23 the concentration value ranged from a minimum of 0 μg/m^3 in Cliffside Park and Ridgefield to a maximum of 1.013 μg/m^3 in Hasbrouck Heights; the corresponding minimum and maximum ambient VOC values resulting from combined airport and local roadway emissions are 0.026 μg/m^3 in Cliffside Park and 72.127 μg/m^3 in Teterboro. For comparison purposes, the "absolute" maxima calculated using the fine EDMS/AERMOD for the same day for emissions from the airport and from combined airport and local roadway emissions, respectively, were 88.470 μg/m^3 in South Hackensack.
- On July 24 the concentration value ranged from a minimum of 0 μg/m^3 in East Rutherford, Woodridge, Wallington, Passaic, Secaucus, Garfield, Rutherford, North Bergen, Lyndhurst, and Carlstadt to a maximum of 4.090 μg/m^3 in Moonachie; the corresponding minimum and maximum ambient VOC values resulting from combined airport and local roadway emissions are 0.001 μg/m^3 in Passaic and 107.065 μg/m^3 in Teterboro. For comparison purposes, the "absolute" maxima calculated using the fine EDMS/AERMOD for the same day for emissions from the airport and from combined airport and local roadway emissions, respectively, were 117.988 μg/m^3 in South Hackensack.
- On July 25 the concentration value ranged from a minimum of 0 μg/m^3 in Wallington, Passaic, East Rutherford, Garfield, Lodi, Rutherford, Saddle Brook, and Rochelle Park to a maximum of 1.730 μg/m^3 in Moonachie; the corresponding minimum and maximum ambient VOC values resulting from combined airport and local roadway emissions are 0 μg/m^3 in Saddle Brook and 30.017 μg/m^3 in Teterboro. For comparison purposes, the "absolute" maxima calculated using the fine EDMS/AERMOD for the same day for emissions from the airport and from combined airport and local roadway emissions, respectively, were 132.386 μg/m^3 in South Hackensack.
- On July 26 the concentration value ranged from a minimum of 0 μg/m^3 in Rochelle Park, Maywood, and Teaneck to a maximum of 0.040 μg/m^3 in Moonachie; the corresponding minimum and maximum ambient VOC values resulting from combined airport and local roadway emissions are 0 μg/m^3 in Rochelle Park, Maywood, and Teaneck and 9.428 μg/m^3 in Ridgefield Park. For comparison purposes, the "absolute" maxima calculated using the fine EDMS/AERMOD for the same day for emissions from the airport and from combined airport and local roadway emissions, respectively, were 136.336 μg/m^3 in South Hackensack.
- On July 27 the concentration value ranged from a minimum of 0 μg/m^3 in Garfield, Wallington, Rochelle Park, Passaic, Lodi, Rutherford, Saddle Brook, East Rutherford, and Maywood to a maximum of 1.628 μg/m^3 in Moonachie; the corresponding minimum and maximum ambient VOC values resulting from combined airport and local roadway

emissions are 0 μg/m^3 in Rochelle Park and Saddle Brook and 35.165 μg/m^3 in Teterboro. For comparison purposes, the "absolute" maxima calculated using the fine EDMS/AERMOD for the same day for emissions from the airport and from combined airport and local roadway emissions, respectively, were 144.250 μg/m^3 in South Hackensack.

3.2.8 Formaldehyde Patterns Estimated via Photochemical Modeling

USEPA's Community Multiscale Air Quality (CMAQ) model, a component of the Models-3 system was used to simulate gaseous and aerosol phase air quality dynamics for the 36km, 12km and 4km resolution domains. The meteorological inputs were obtained from MM5 simulation [Chandrasekar & Georgopoulos, 2001]. The emissions data were processed from the National Emissions Trends (NET) [USEPA, 1998b] inventory using MCNC's SparseMatrix Operator Kernel Emissions (SMOKE) [Houyoux & Vukovich, 1999] modeling system.

Figure 71 shows the temporal evolution of the spatial distribution of formaldehyde concentrations in the broader New Jersey area, calculated using Models-3/CMAQ for July 14, 1999.

Figure 72 compares a timeseries of the ambient formaldehyde concentration estimates developed using (a) the CMAQ 4km resolution results for the grid cell that includes Teterboro Airport grid cell and (b) the EDMS results for the Moonachie census tract using Teterboro Airport sources only, speciated according to the USEPA methodology.

Table 9. Comparison of Teterboro Airport Fueling Activity Emissions in 1999 NEI inventory with those provided by PANYNJ for 5 air toxics (the other 7 air toxics considered in the study remains the same from both data sources)

Air Toxics	Teterboro airport fueling activity emission estimates in 1999 NEI inventory (tons/yr)	Teterboro airport fueling activity emission estimates provided by PANYNJ* (tons/yr)
Benzene	13.368	0.049
Ethylbenzene	1.485	0.377
Naphthalene	0.372	0.188
Toluene	19.311	0.937
Xylene	7.428	1.882

*source: Landrum & Brown, 2003

Table 10. Top 20 aircraft movements (and adjusted movements to capture the entire fleet activity) during the week of June 20-27, 1999 at Teterboro Airport. Peak hour and Annual movements provided by EDMS modeling are also included.

Familiar Name	Total Movements	Total Movements projected for the week	Peak hour Movements	Annual Movements
BA257	60	195	0.580	10168
BA258	74	241	0.716	12540
BE20	56	182	0.542	9490
BE40	50	163	0.484	8473
BE58	85	276	0.822	14404
C152	49	159	0.474	8304
C172	93	302	0.900	15760
C550	62	202	0.600	10507
C560	69	224	0.667	11693
C650	67	218	0.648	11354
CL600-1	60	195	0.580	10168
CL604	62	202	0.600	10507
DA20/+	60	195	0.580	10168
DA50	57	185	0.551	9659
G4	79	257	0.764	13388
HELI	286	300	0.893	15643
LR35	95	309	0.919	16099
LR55	51	166	0.493	8643
PA28/R	102	332	0.987	17285
S76/A	62	202	0.600	10507
Total	**1579**	**4502**	**117380**	**234760**

Table 11. Top 20 aircraft detailed movement information during 1999 at Teterboro Airport (and adjusted movements to capture the entire fleet activity).

Familiar Name	Departures	Arrivals	Movements	Ratio	LTO's	Projected Movements
BA257	1952	2052	4004	1.05	2002	6967
BA258	3108	3228	6336	1.04	3168	11025
BE20	1771	1890	3661	1.07	1831	6370
BE40	1610	1685	3295	1.05	1648	5733
BE58	3906	3940	7846	1.01	3923	13652
C172	5996	6311	12307	1.05	6154	21414
C550	2556	2676	5232	1.05	2616	9104
C560	3290	3421	6711	1.04	3356	11677
C650	1956	2033	3989	1.04	1995	6941
CL601	1427	1477	2904	1.04	1452	5053
CL604	2632	2751	5383	1.05	2692	9366
DA50	2203	2305	4508	1.05	2254	7844
DA900	1635	1698	3333	1.04	1667	5799
G2	2032	2114	4146	1.04	2073	7214
G3	1591	1635	3226	1.03	1613	5613
G4	3685	3820	7505	1.04	3753	13059
LR35	4848	4954	9802	1.02	4901	17055
LR55	1583	1699	3282	1.07	1641	5711
LR60	1489	1583	3072	1.06	1536	5345
PA28	2973	3139	6112	1.06	3056	10635
Grand Total	**52243**	**54411**	**106654**	**1.04**	**53327**	**185578**

Table 12. Counts of vehicles derived from the NJDOT reports for specific locations on the selected highways

Station	Route/ Street	Milepost	County/ Municipality	Location of Count	Year	Weekday Vol. Both Directions
2-1-30	80	66.20	Bergen/South Hackensack Twp.	At Huyler St. underpass, WIM	2000	144,510
2-1-30	80	66.20	Bergen/South Hackensack Twp.	At Huyler St. underpass, WIM	1999	Not available
2-1-30	80	66.20	Bergen/South Hackensack Twp.	At Huyler St. underpass, WIM	1997	142,000
2-4-107	80	66.20	Bergen/South Hackensack Twp.	Between NJ 17 and RT 503	1997	127,780
2-4-108	80	67.58	Bergen/Bogota Boro	Between RT503 & I-95	2001	118,028
2-4-108	80	67.58	Bergen/Bogota Boro	Between RT503 & I-95	1998	140,735
2t6c103	46	66.60	Bergen/Lodi Boro	Juest East of Main St.	2002	43,035
2t6c103	46	66.60	Bergen/Lodi Boro	Juest East of Main St.	2001	42,582
1t2d171	46	68.88	Bergen/Teterboro Boro	Between Central Ave. & Huyler St.	2001	47,530
1t2d171	46	68.88	Bergen/Teterboro Boro	Between Main St. & Fred Wehran Dr.	2001	47,150
2-4-312	3	7.20	Bergen/East Rutherford Boro	Between NJ 17 & NJ 120	2000	128,354
2-4-312	3	7.20	Bergen/East Rutherford Boro	Between NJ 17 & NJ 120	1997	127,710
2-4-301	17	5.10	Bergen/East Rutherford Boro	Between Railroad Ave. & RT 532	2000	70,239
2-4-301	17	5.10	Bergen/East Rutherford Boro	Between Railroad Ave. & RT 532	1997	70,600
2-1-20	17	7.40	Bergen/Hasbrouck Heights	Between Moonachie Ave. & Henry St.	2000	99,810
2-1-20	17	7.40	Bergen/Hasbrouck Heights	Between Moonachie Ave. & Henry St.	1999	100,800
2-1-20	17	7.40	Bergen/Hasbrouck Heights	Between Moonachie Ave. & Henry St.	1998	98,780
2-1-20	17	7.40	Bergen/Hasbrouck Heights	Between Moonachie Ave. & Henry St.	1997	95,500
2-4-302	17	8.97	Bergen/Hasbrouck Heights	Between US 46 & I-80	2001	78,495
2-4-302	17	8.97	Bergen/Hasbrouck Heights	Between US 46 & I-80	1998	91,979
9-2-031	95/New Jersey Turnpike	113.50	Bergen/East Rutherford Boro	Between Interchange 16W & 18W	2000	71,090
9-2-031	95/New Jersey Turnpike	113.50	Bergen/East Rutherford Boro	Between Interchange 16W & 18W	1999	76,103
9-2-031	95/New Jersey Turnpike	113.50	Bergen/East Rutherford Boro	Between Interchange 16W & 18W	1998	77,040
-	Moonachie Ave.	-	Bergen/Moonachie	90 Moonachie Ave.	1999	36,000
-	Industrial Ave.	-	Bergen/Moonachie	Route 46 & Malcolm Ave.	1999	34,000

Table 13. 1999 aircraft operations at Teterboro Airport (from Landrum & Brown, 2003)

Aircraft	Number of Operations	Fuel Type
Jet Turbine	103,816	Jet A
Helicopters	12,896	Jet A
Turbo Propellers	15,332	Jet A
Piston Propellers	53,331	AvGas
Total	**185,375**	

Table 14. 1999 fuel throughput at Teterboro Airport*

	Jet A (gallons)	AvGas (gallons)
TEXACO FUEL SALES		
Atlantic Aviation	5,623,072	19,164
Million Air	5,102,786	180,123
subtotal	*10,725,858*	*199,287*
EXXON FUEL SALES		
First Aviation	5,387,156	20,483
Jet Aviation	10,710,110	192,659
Signature Flight Support	3,818,215	191,189
subtotal	*19,915,480*	*404,331*
Annual Total	**30,641,338**	**603,618**

*source: Landrum & Brown, 2003

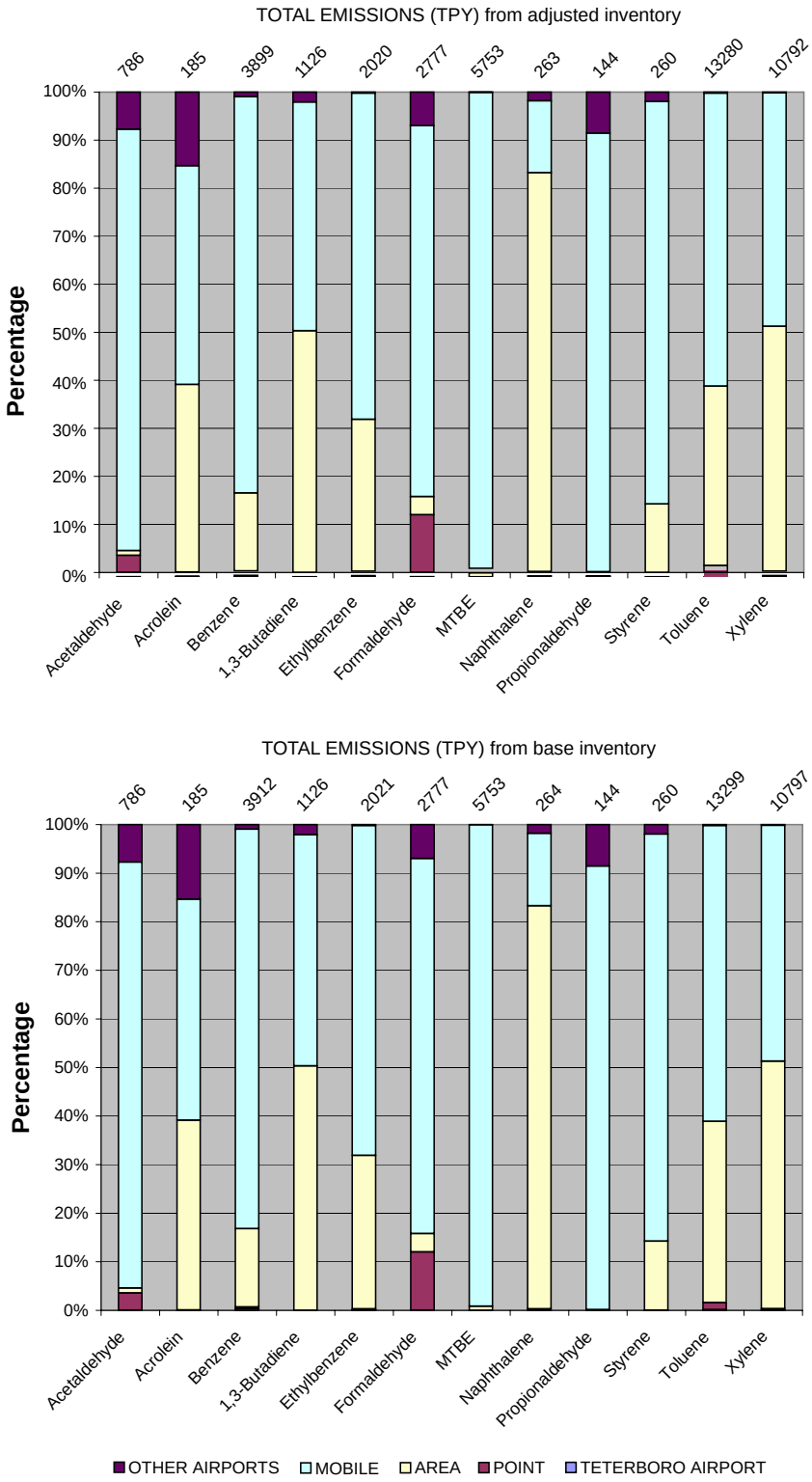


Figure 17. Percentage of annual total emissions (tons/yr) of the 12 chemicals considered in the annual modeling analysis for 1999, from different sources within 25km of Teterboro Airport.

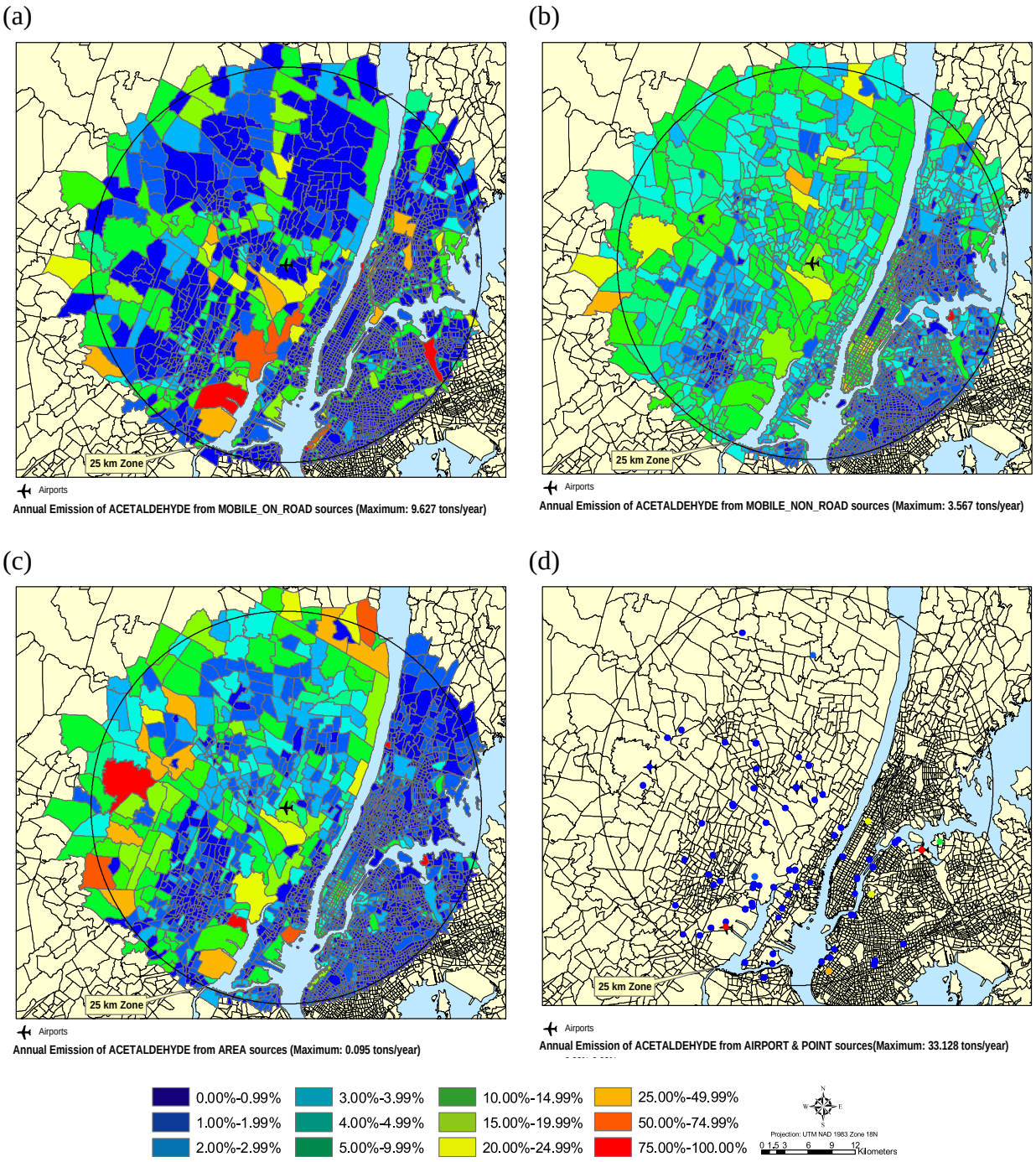


Figure 18. Maps of annual 1999 emissions for acetaldehyde, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

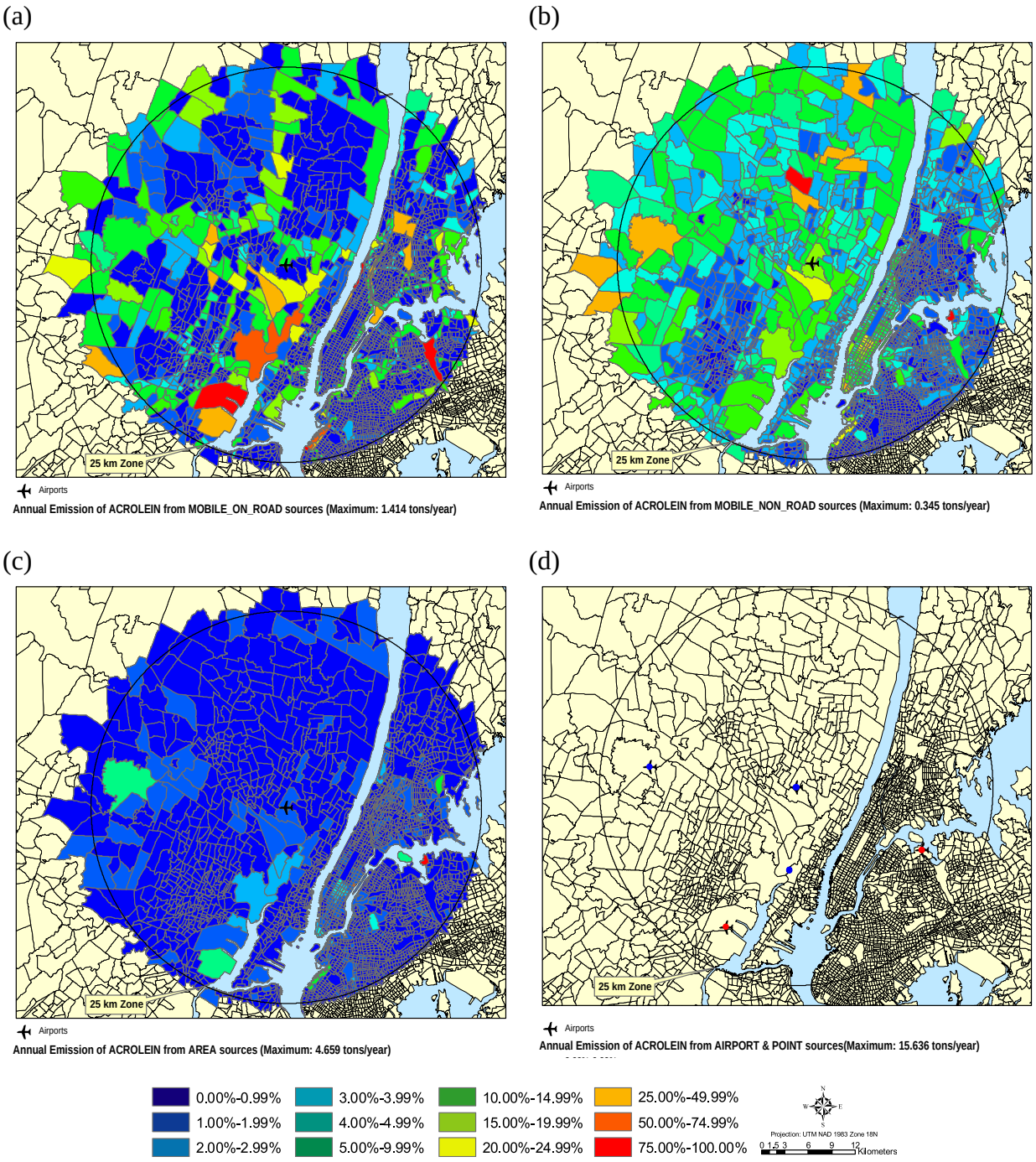


Figure 19. Maps of annual 1999 emissions for acrolein, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

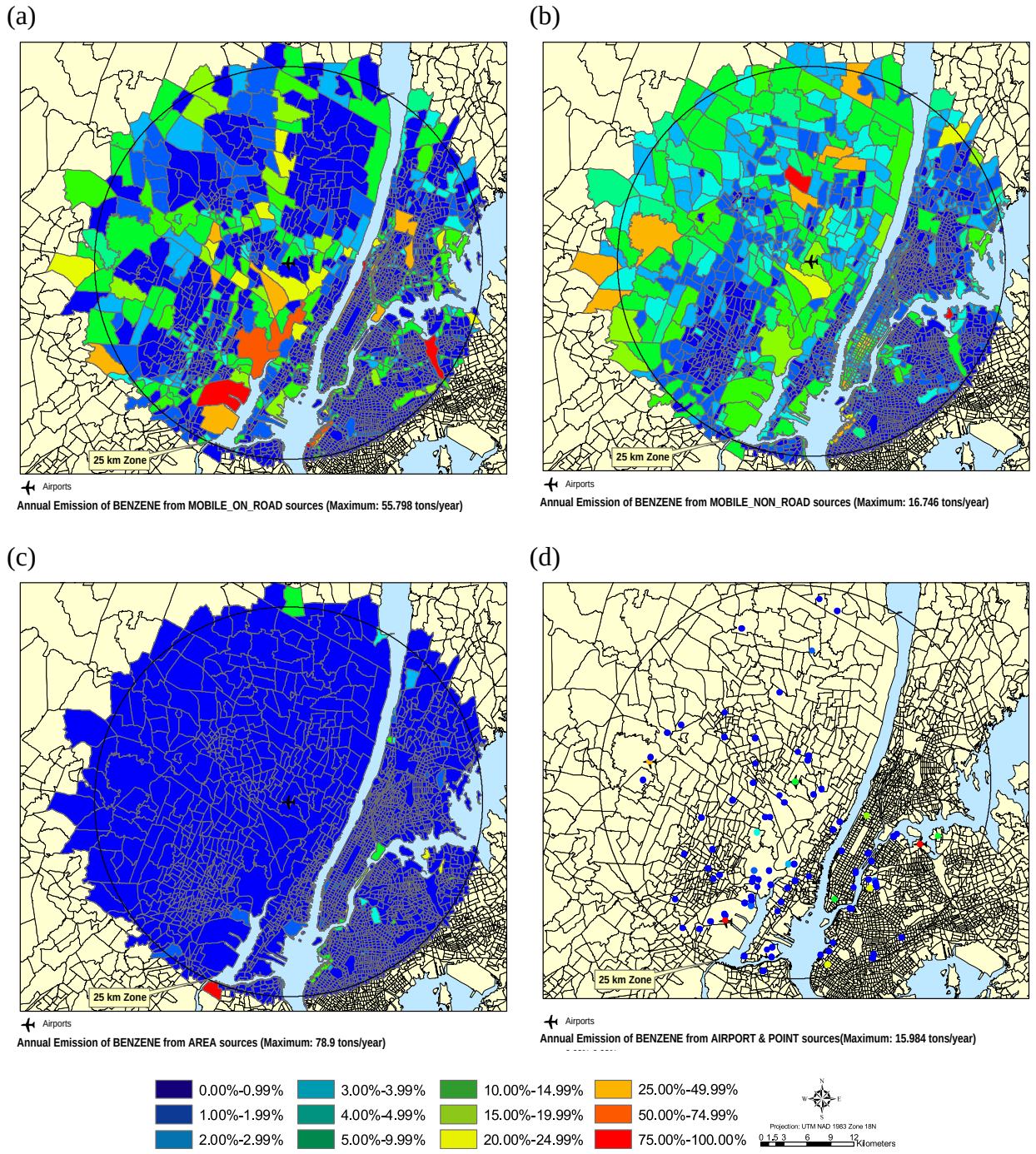


Figure 20. Maps of annual 1999 emissions for benzene, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

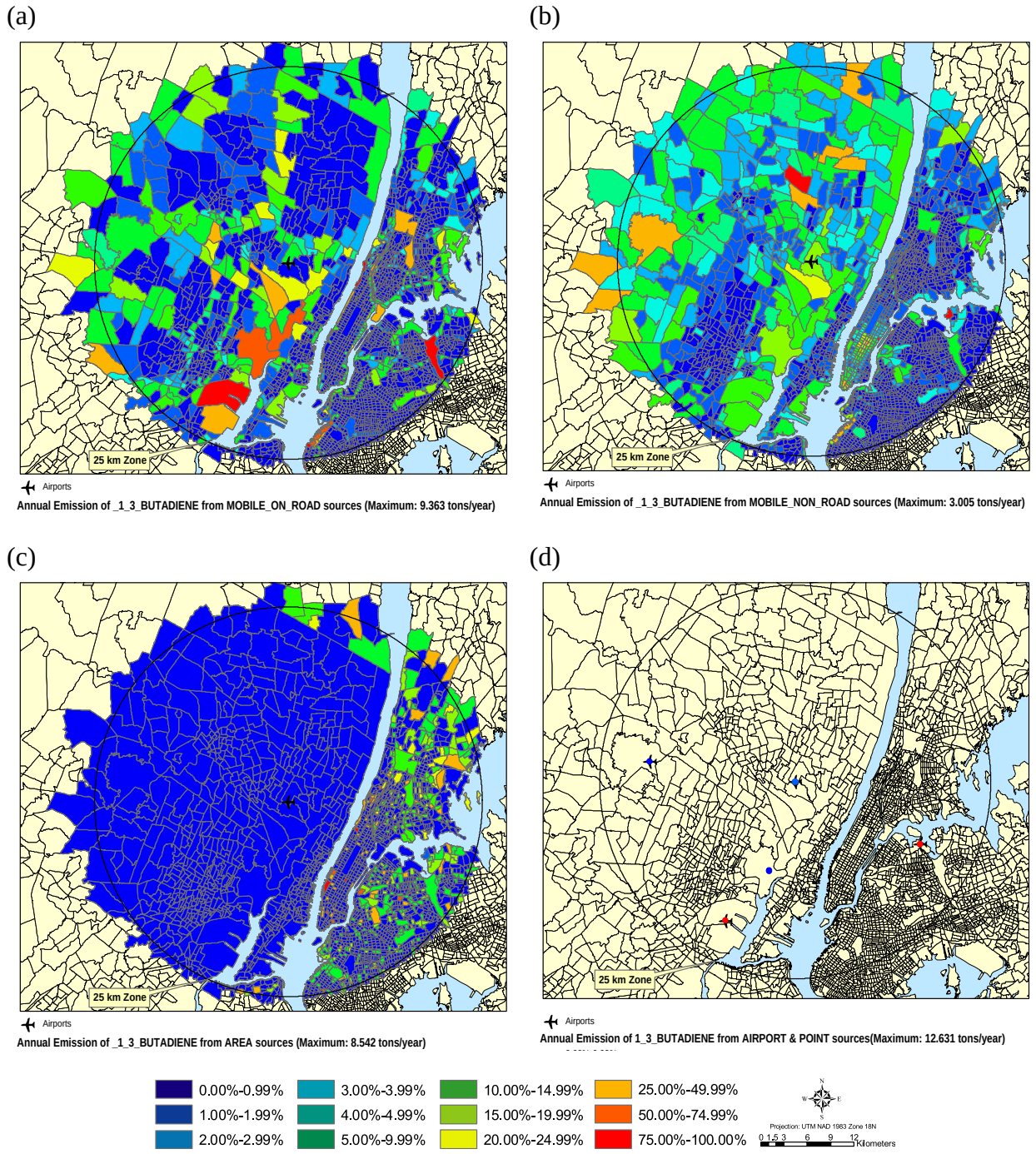


Figure 21. Maps of annual 1999 emissions for 1,3 butadiene, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

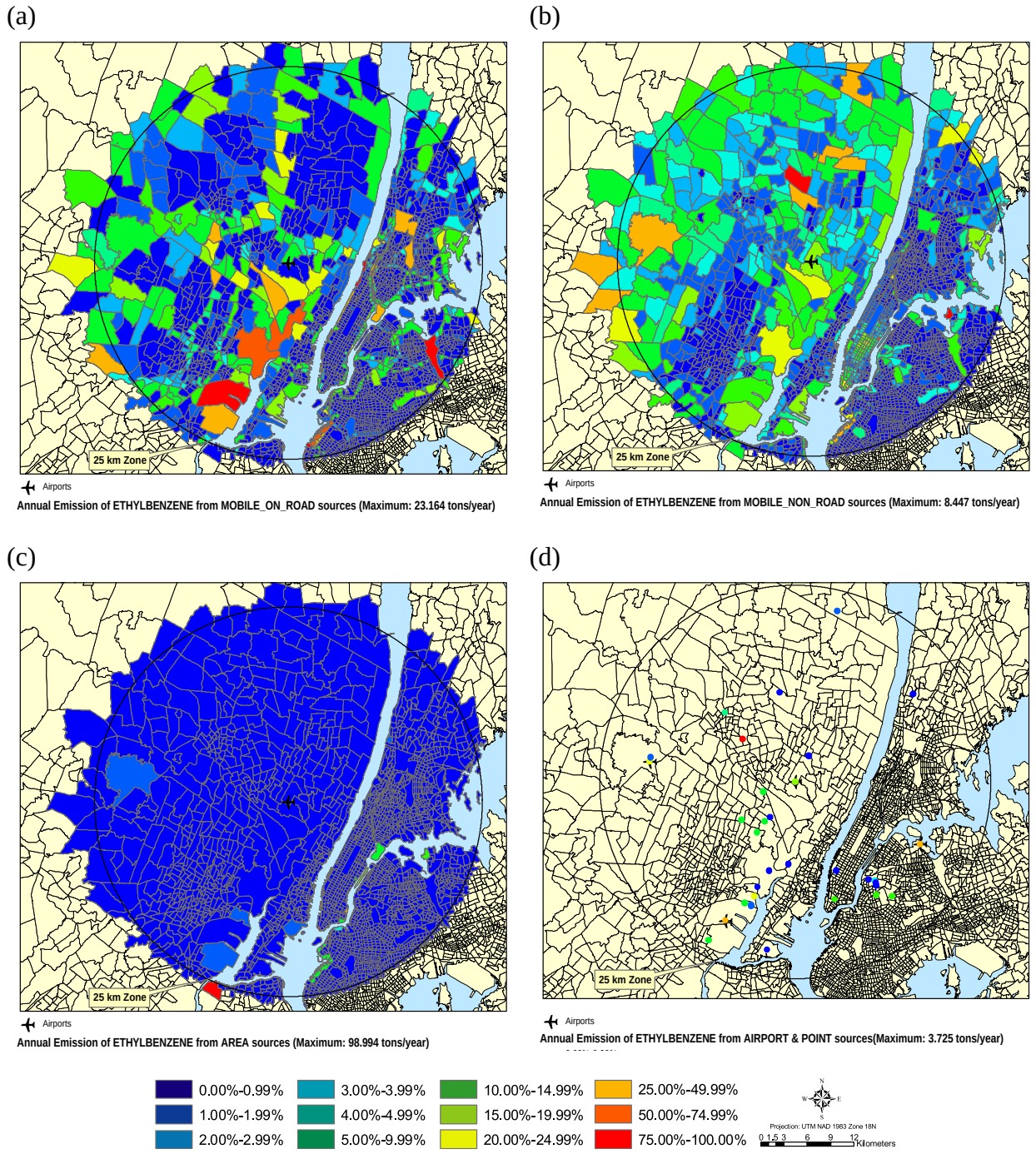


Figure 22. Maps of annual 1999 emissions for ethylbenzene, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

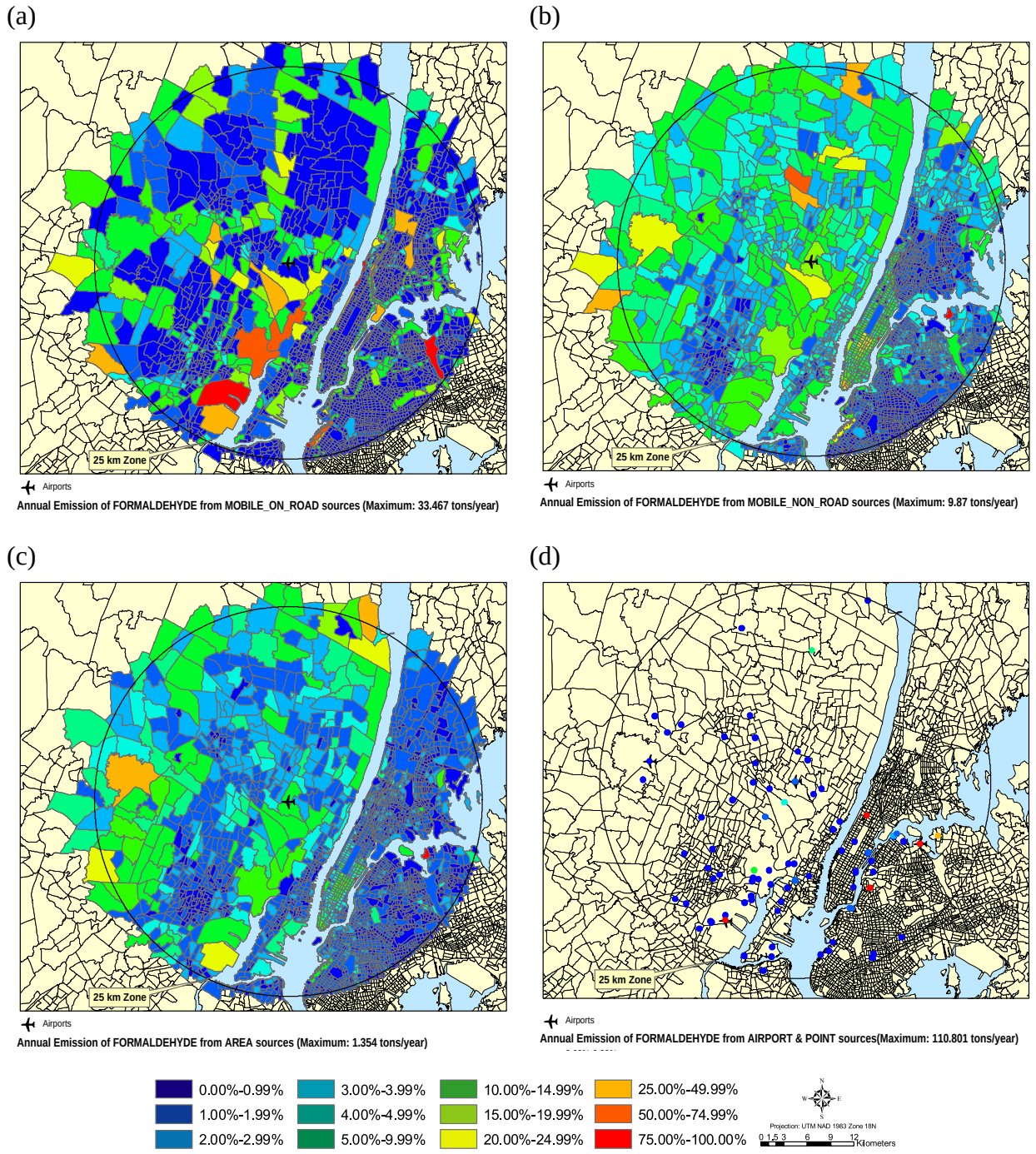


Figure 23. Maps of annual 1999 emissions for formaldehyde, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

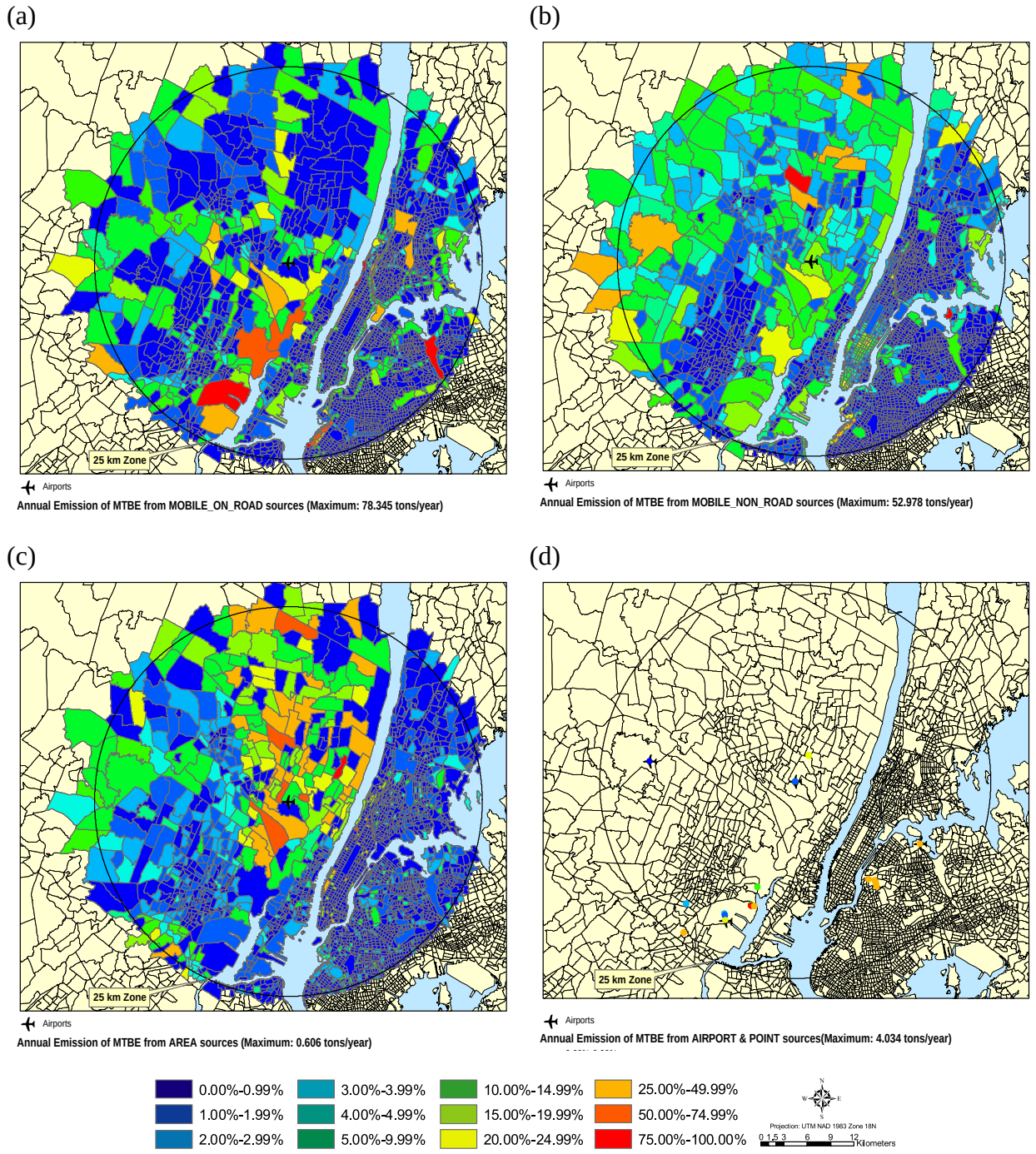


Figure 24. Maps of annual 1999 emissions for MTBE, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

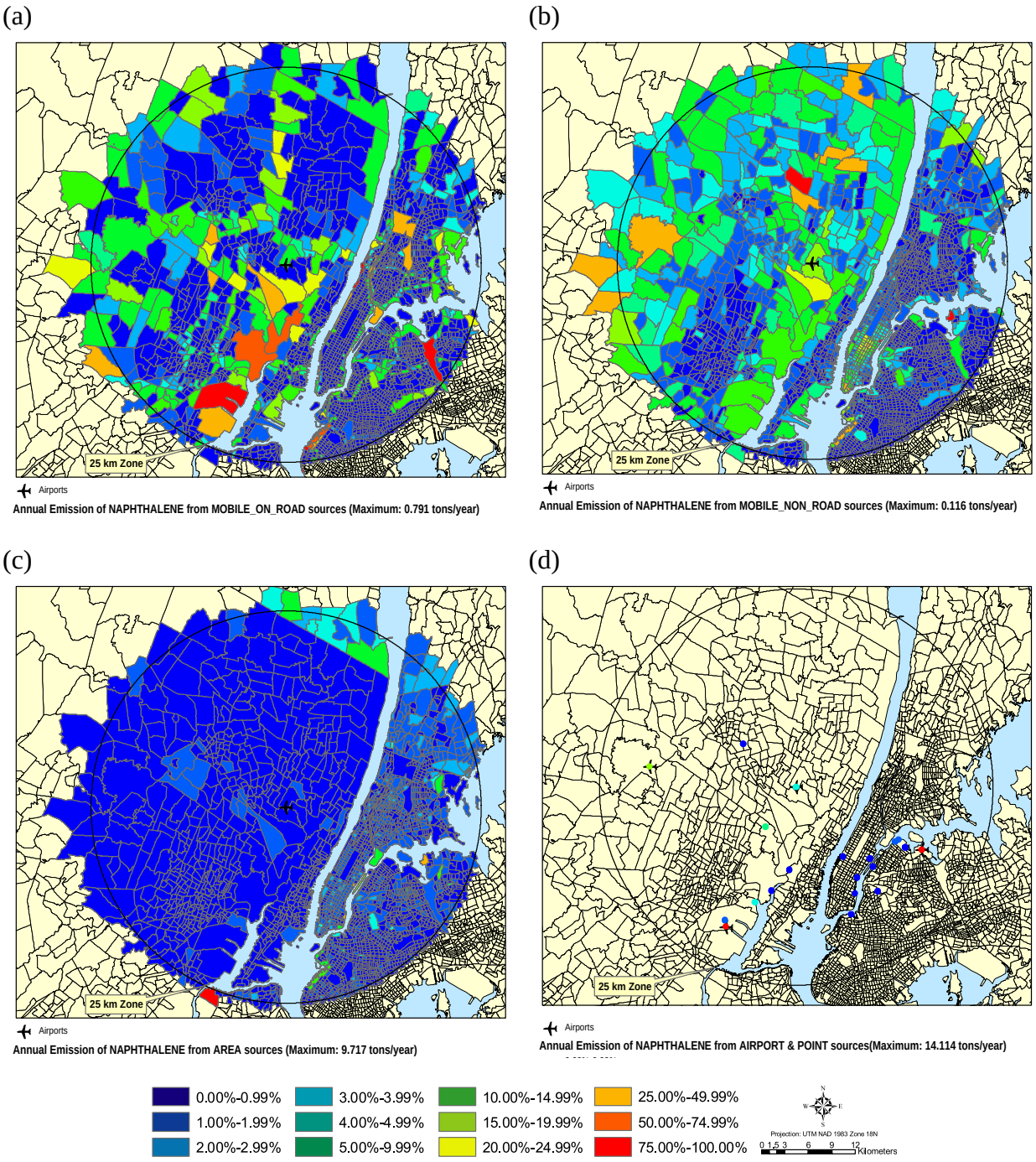


Figure 25. Maps of annual 1999 emissions for naphthalene, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

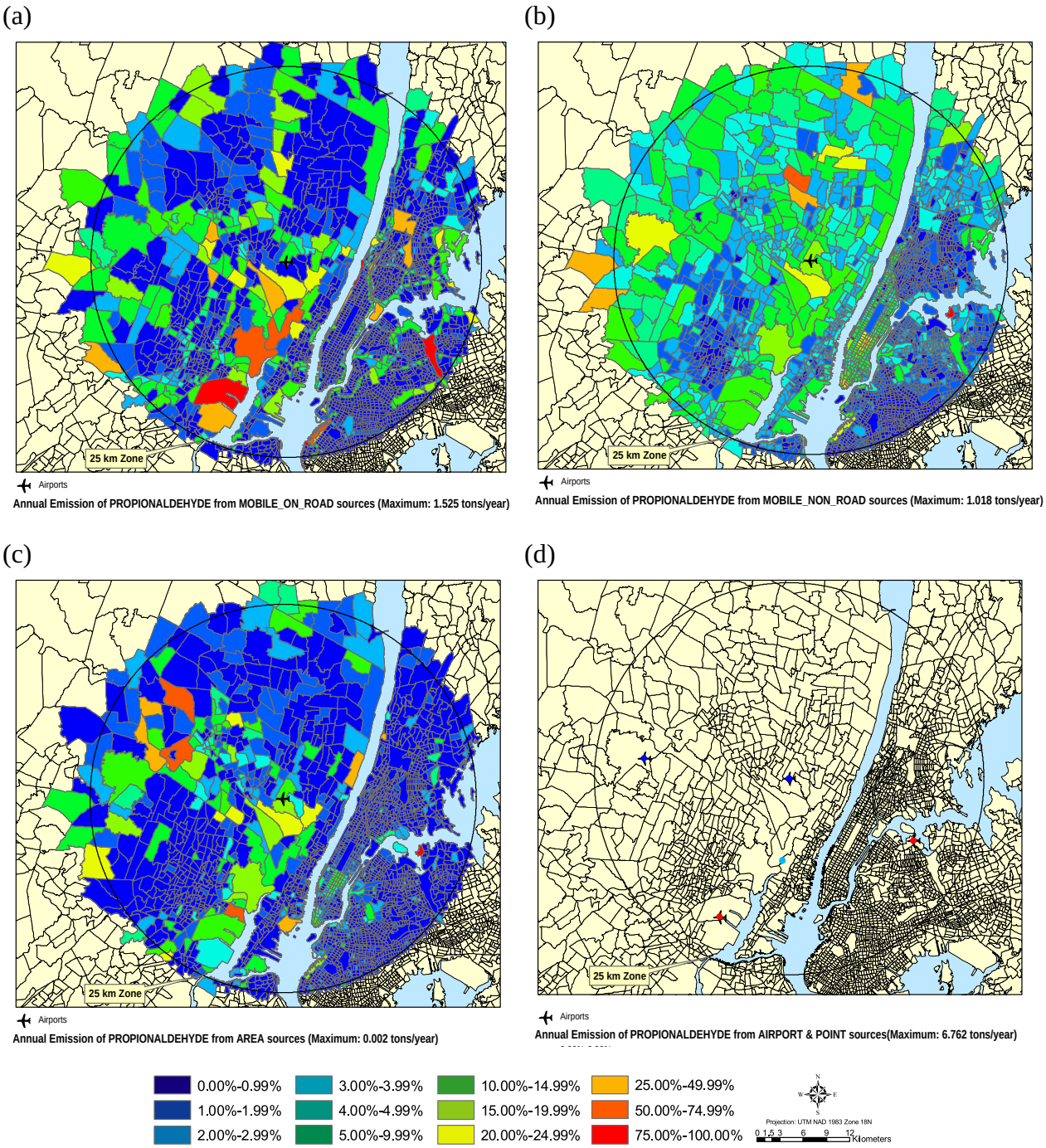


Figure 26. Maps of annual 1999 emissions for propionaldehyde, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

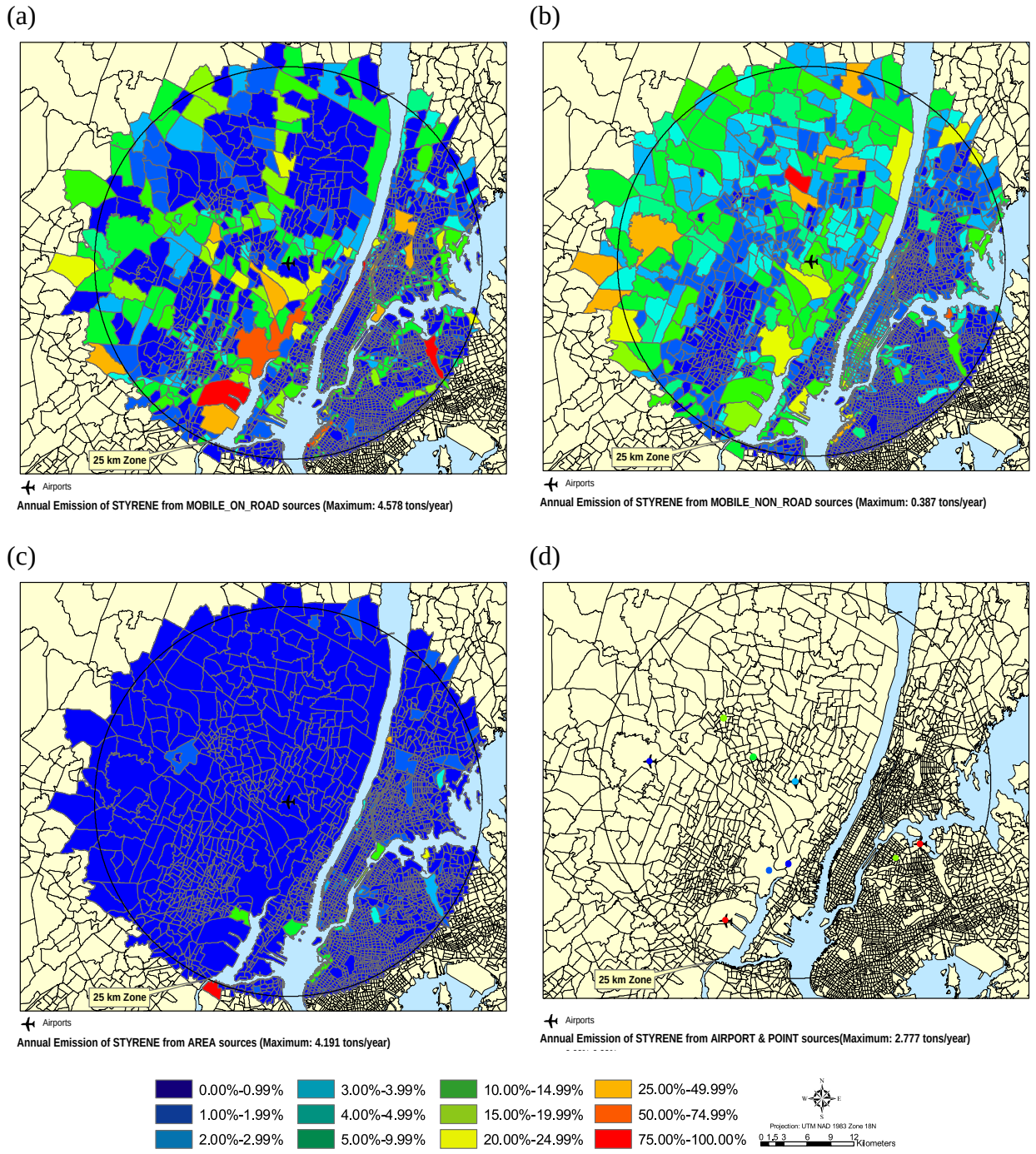


Figure 27. Maps of annual 1999 emissions for styrene, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

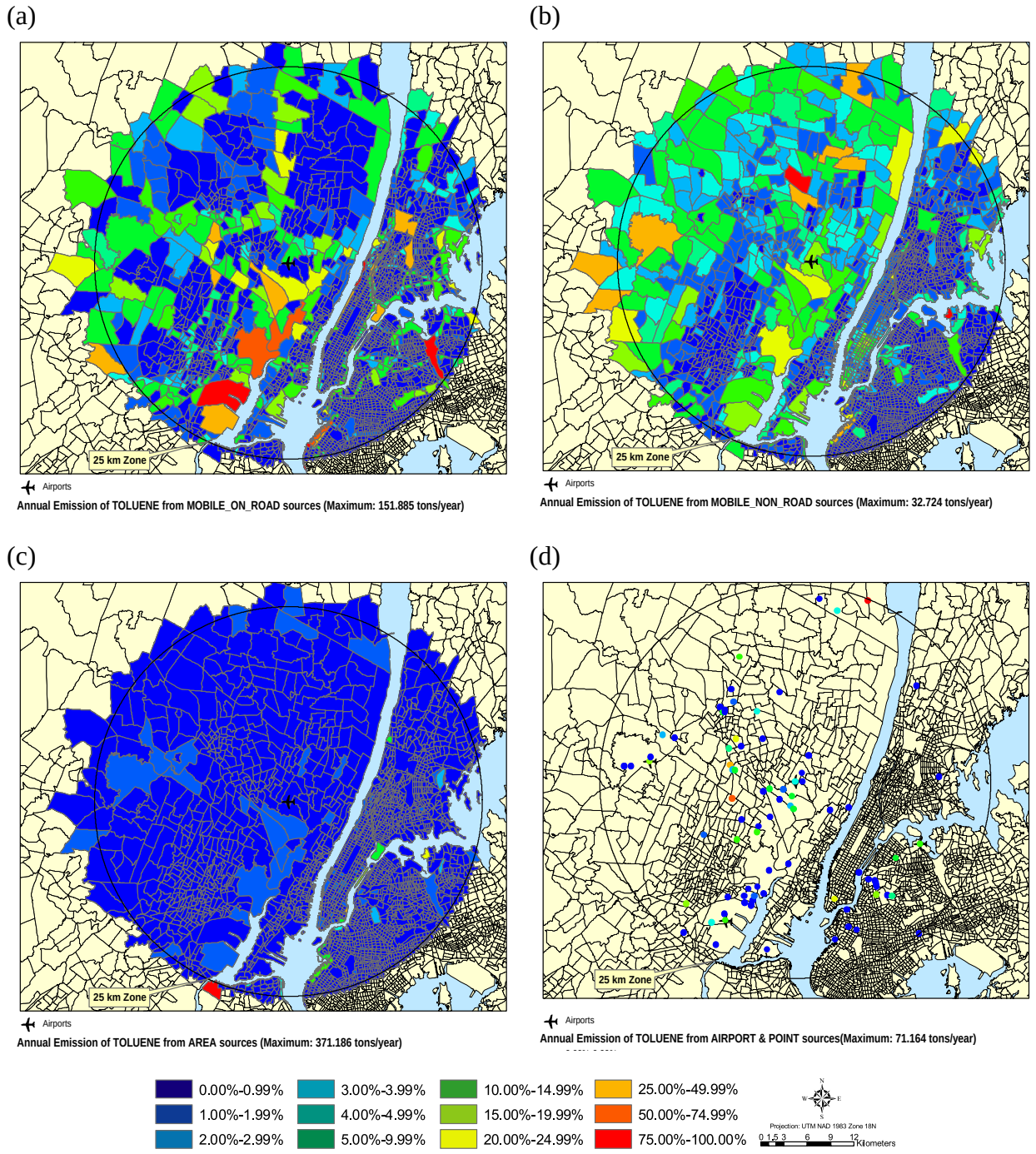


Figure 28. Maps of annual 1999 emissions for toluene, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

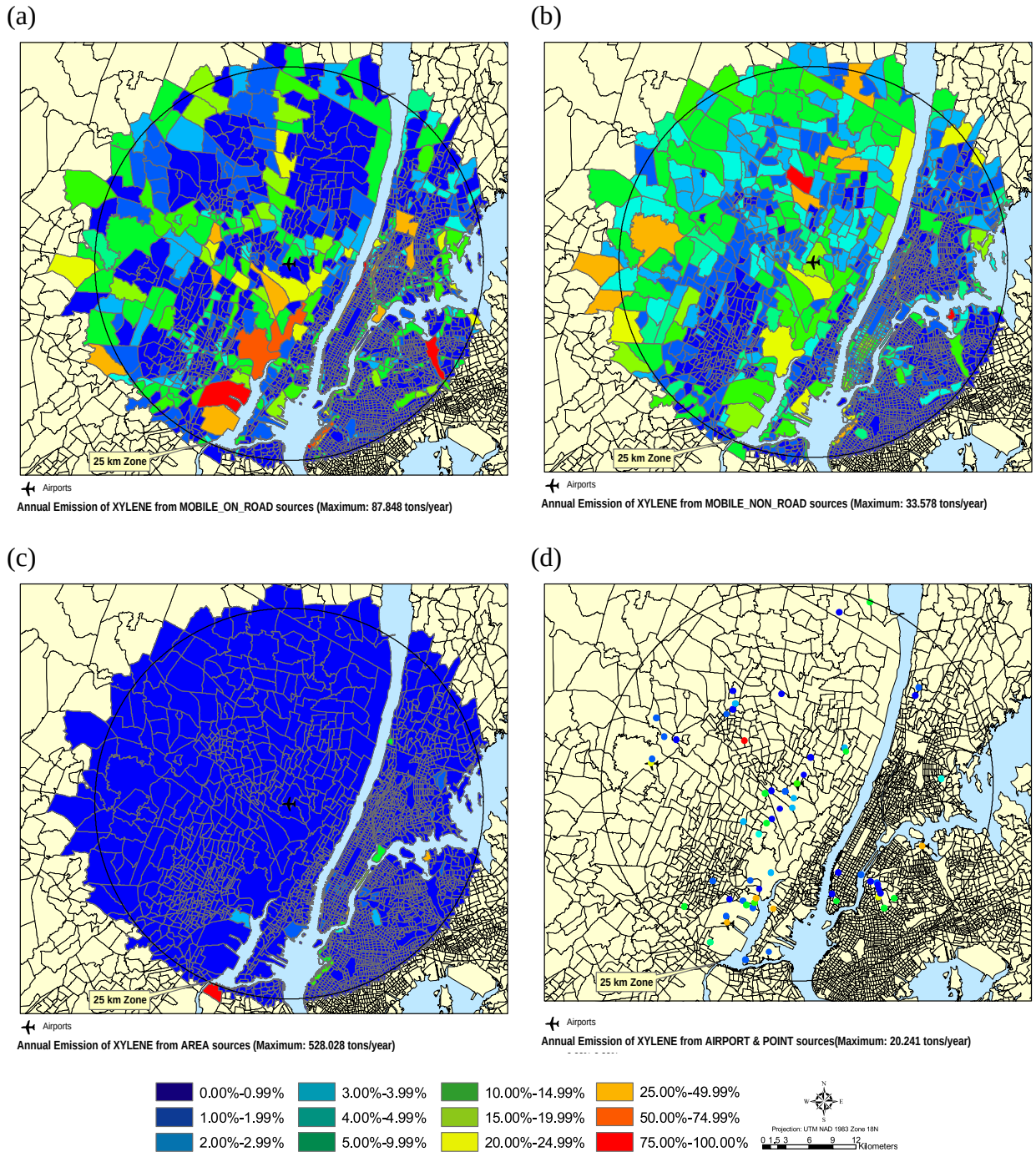


Figure 29. Maps of annual 1999 emissions for xylene, from all sources located within a 25km radius from Teterboro Airport. The four panels show, respectively, the spatial distribution and strength of (a) mobile on-road sources, (b) mobile non-road sources, (c) area sources, and (d) point sources. County level data from the 1999 NEI were processed by EMS-HAP, and mobile and area sources were allocated per census tract. Emissions from airports were subtracted from their respective categories in the 1999 NEI (mobile and area) and were allocated to the point sources for easier visualization.

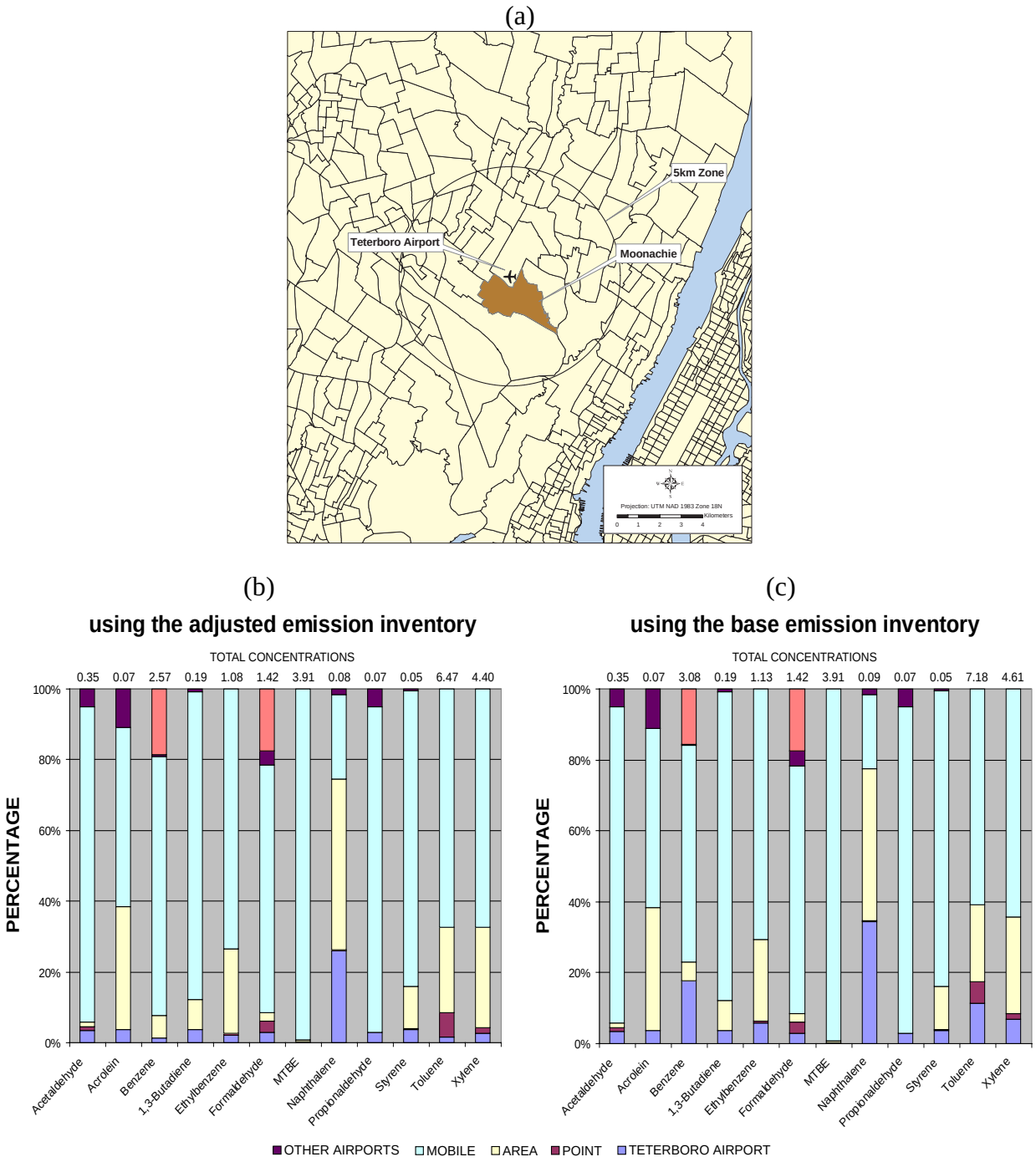


Figure 30. (a) Location of census tract #34003036200 (Moonachie) and percentage contributions to annual total average concentrations (μg/m^3) in census tract #34003036200 based on (b) 1999 NEI adjusted with local information and (c) 1999 NEI

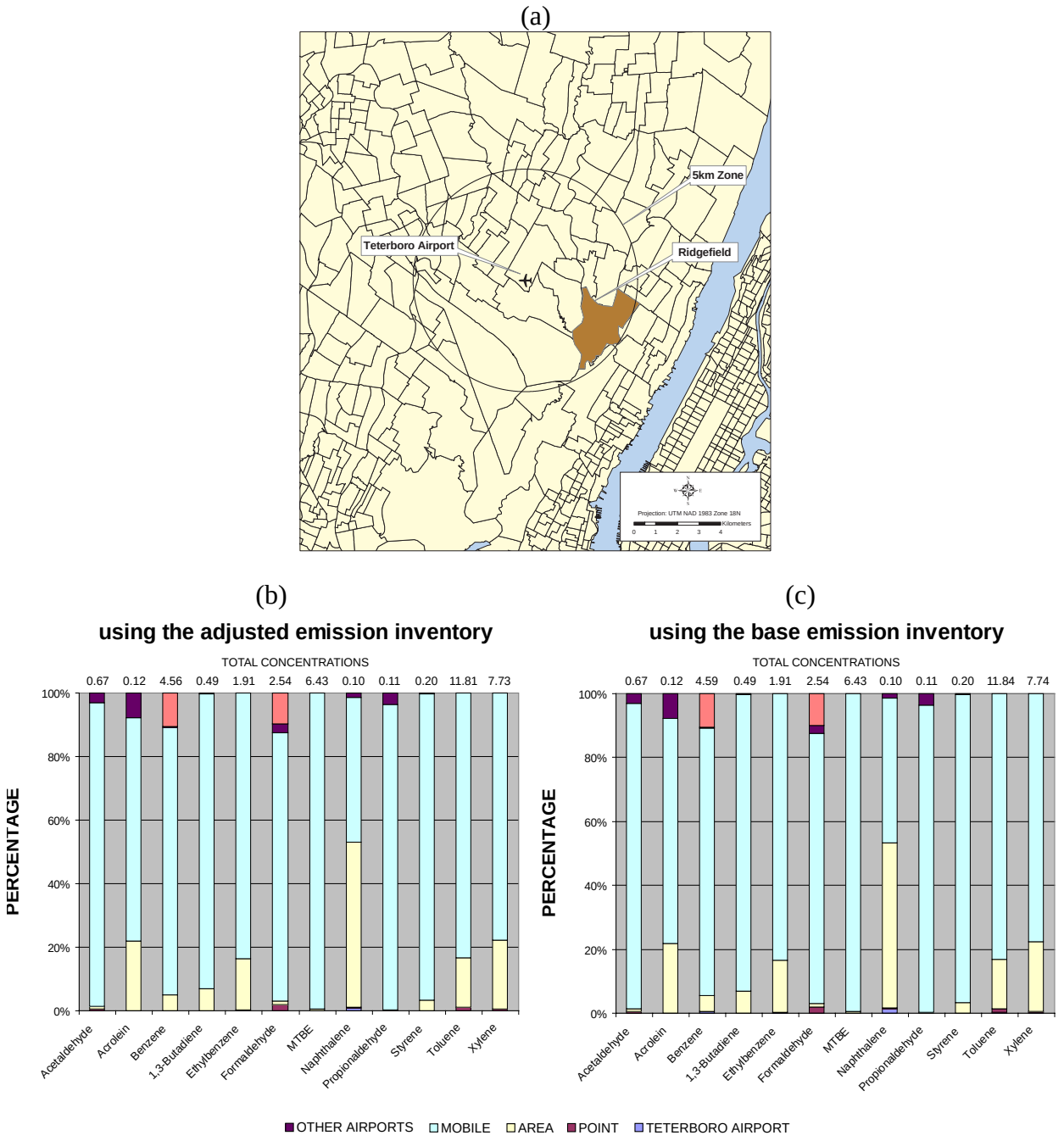


Figure 31. (a) Location of census tract #34003045200 (Ridgefield) and percentage contributions to annual total average concentrations (μg/m^3) in census tract #34003045200 based on (b) 1999 NEI adjusted with local information and (c) 1999 NEI

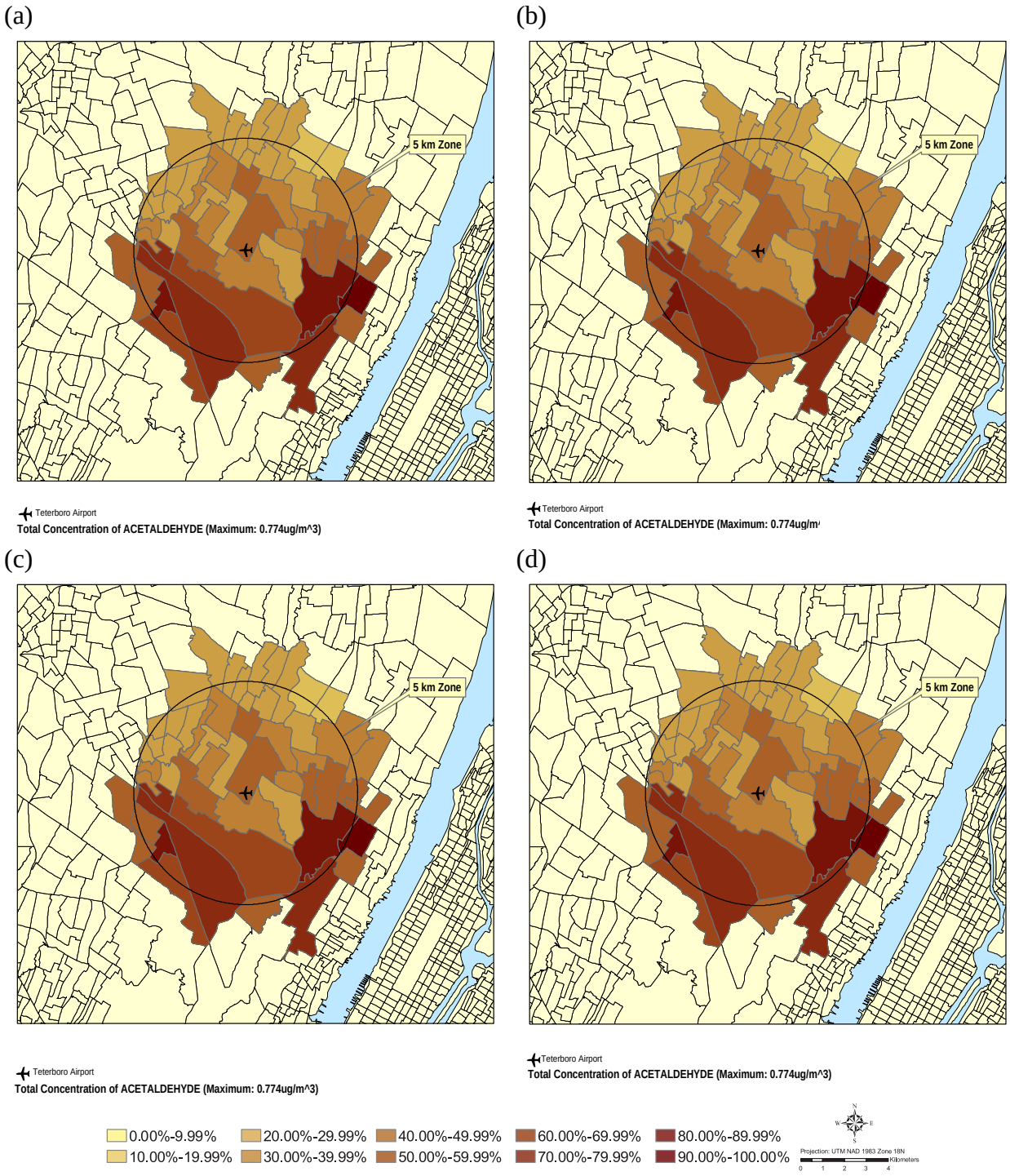


Figure 32. Maps of the annual average ambient concentrations of acetaldehyde (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

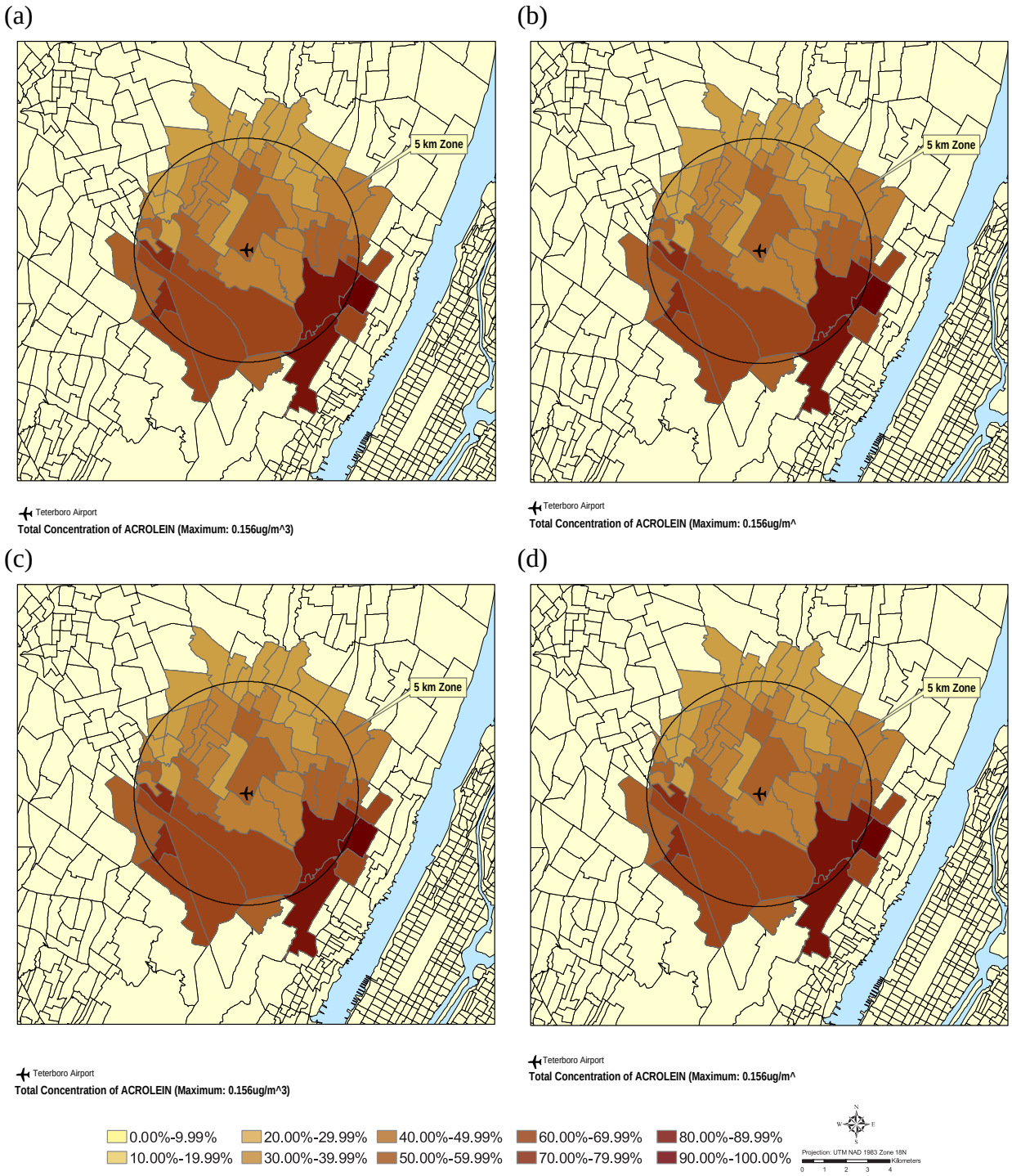


Figure 33. Maps of the annual average ambient concentrations of acrolein (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

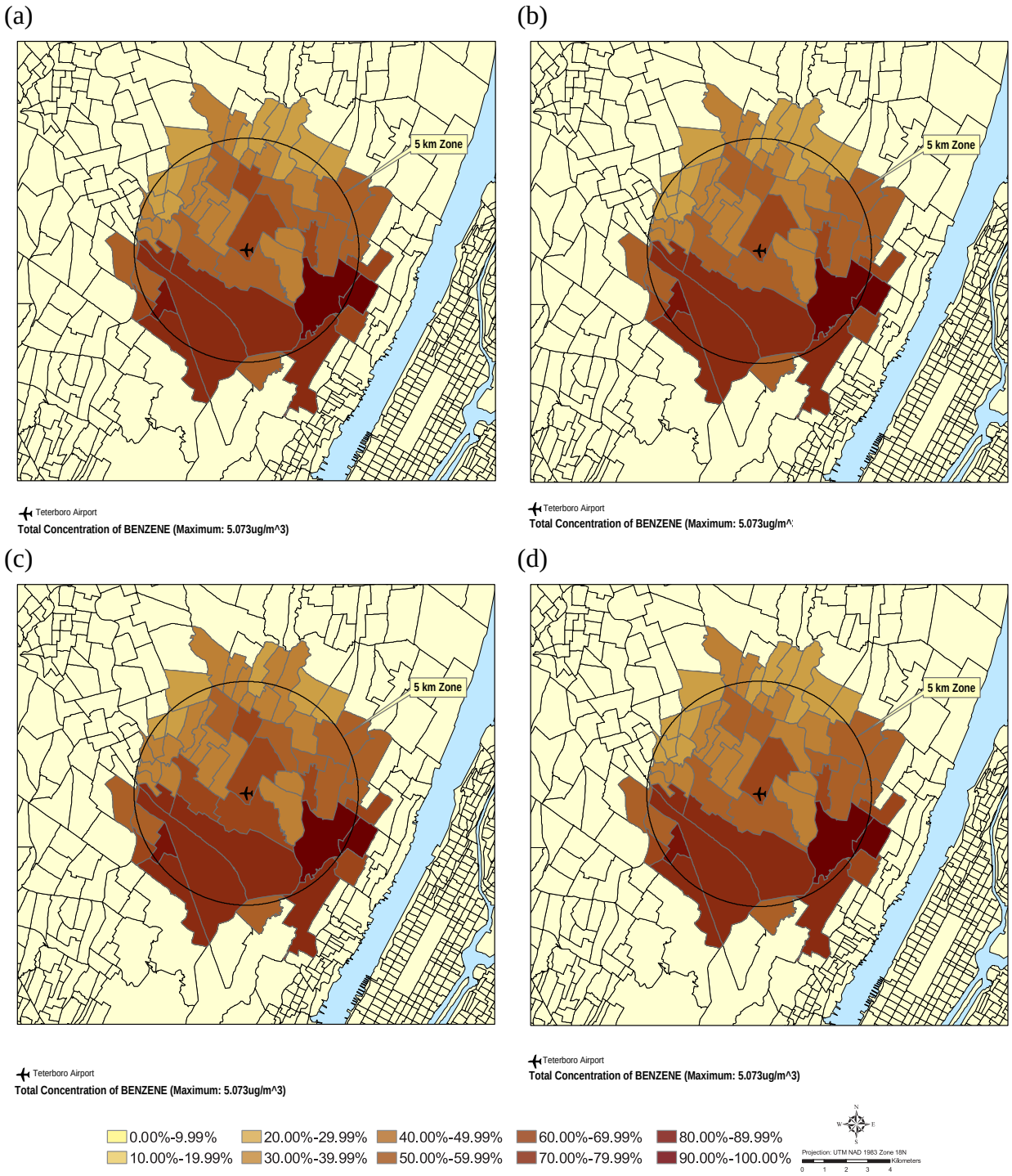


Figure 34. Maps of the annual average ambient concentrations of benzene (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

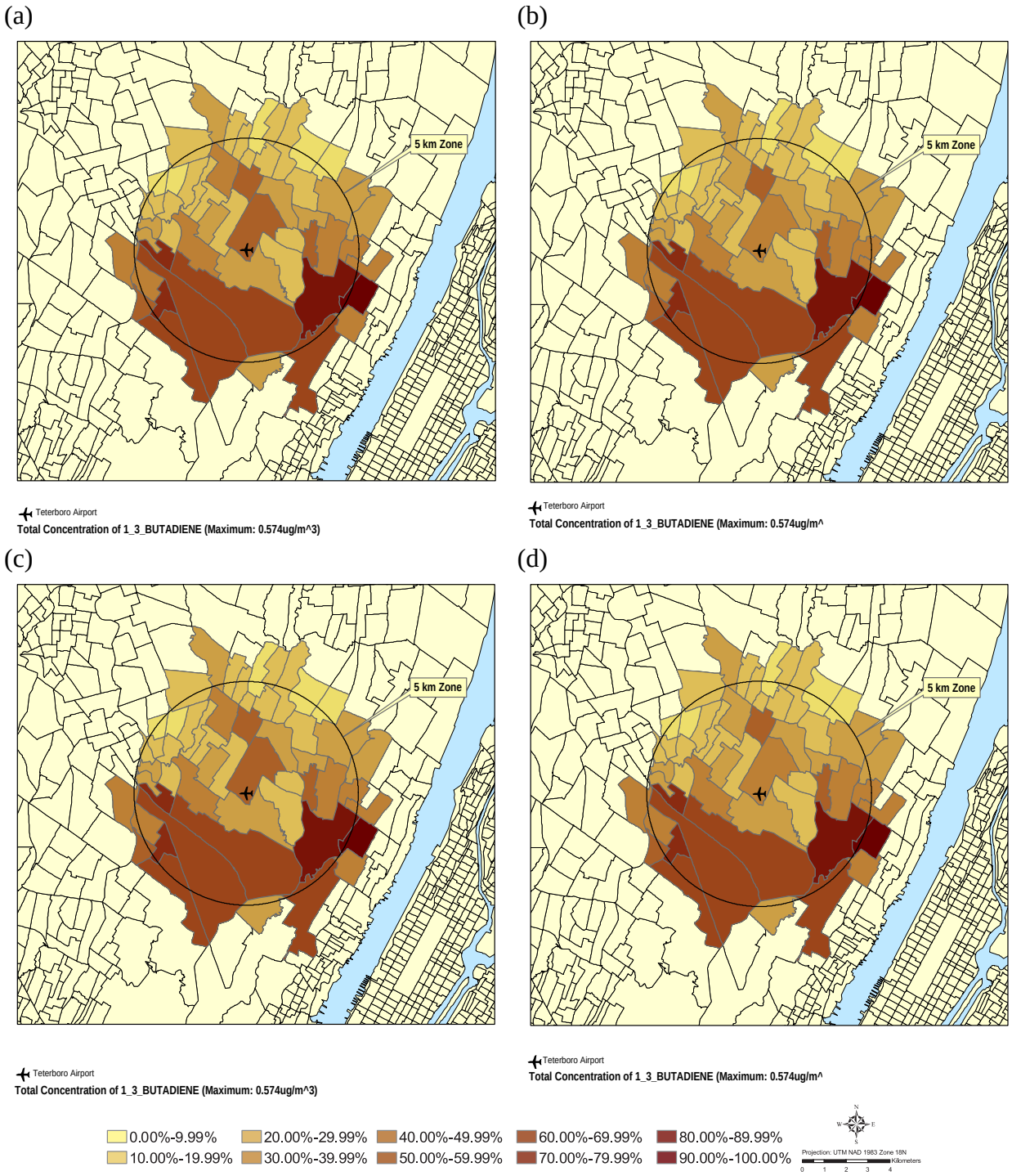


Figure 35. Maps of the annual average ambient concentrations of 1,3 butadiene (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

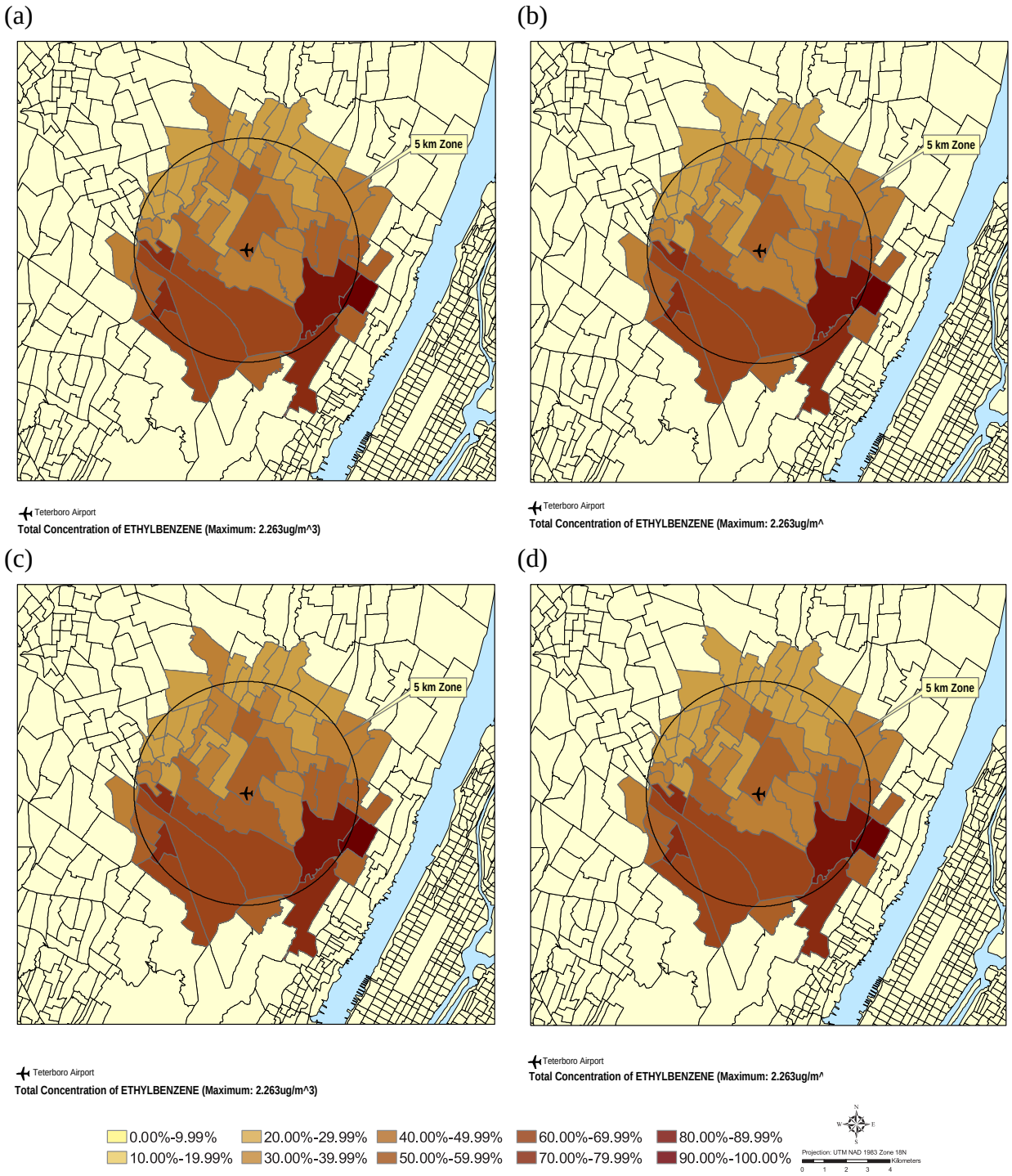


Figure 36. Maps of the annual average ambient concentrations of ethylbenzene (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

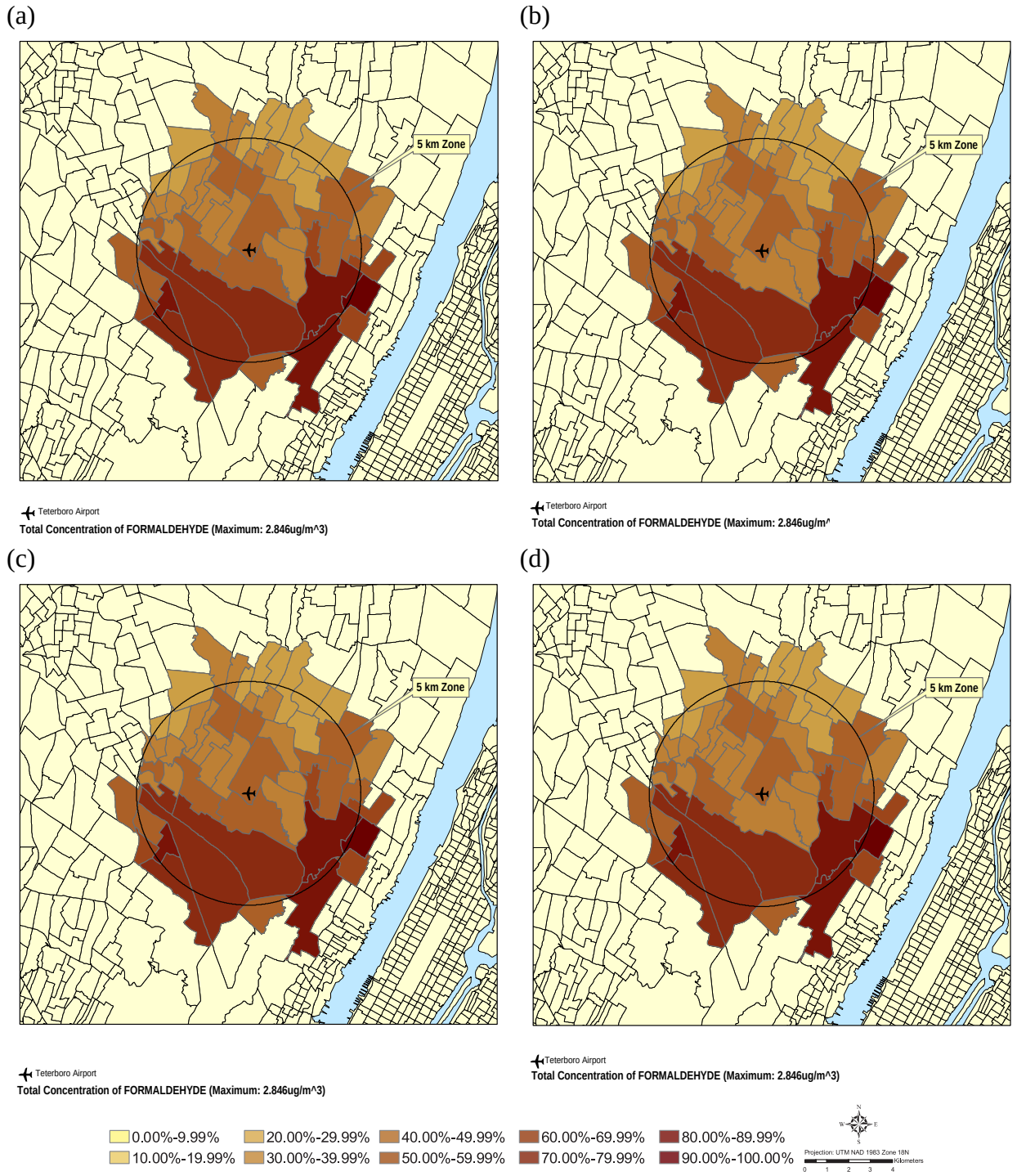


Figure 37. Maps of the annual average ambient concentrations of formaldehyde (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

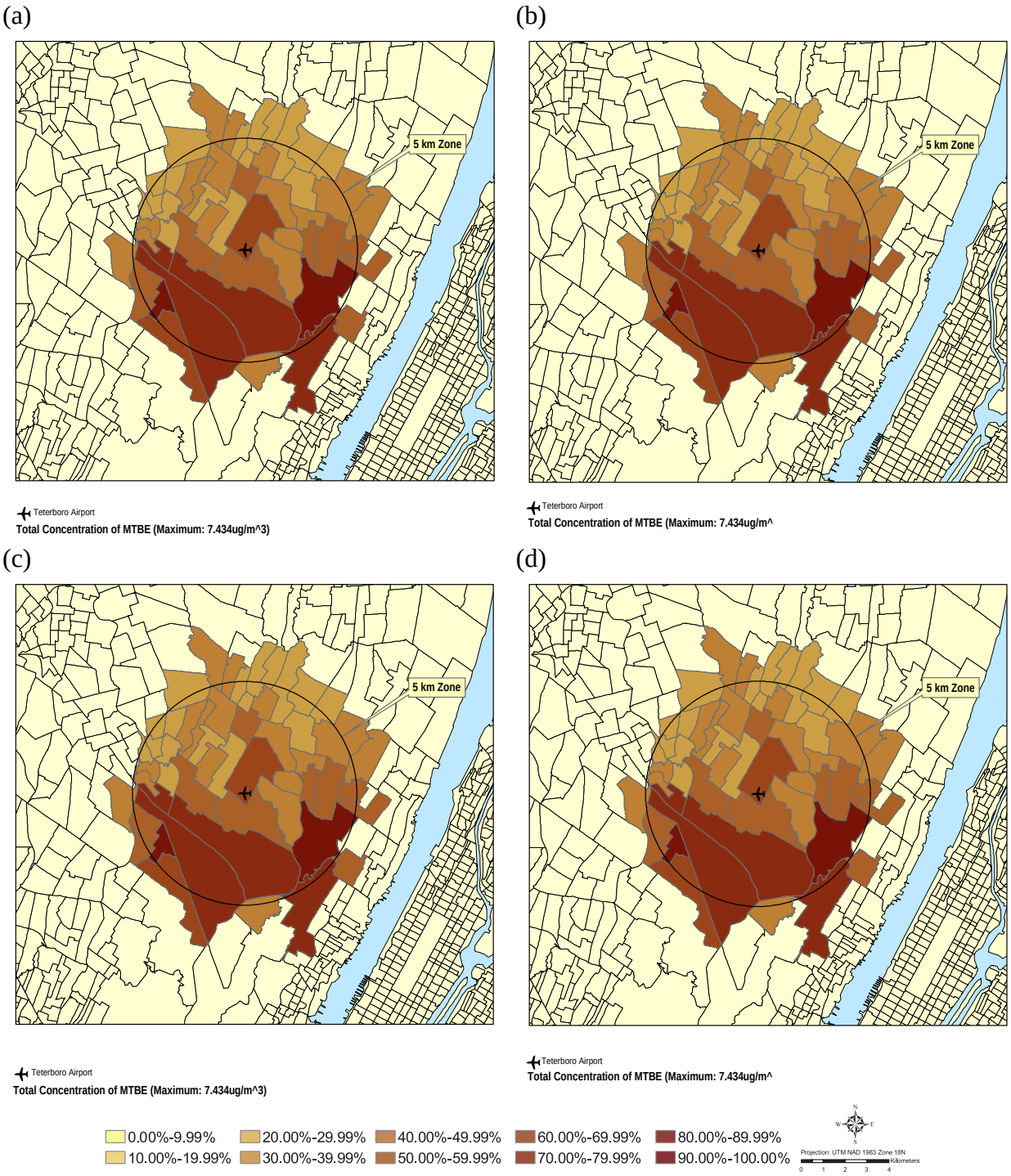


Figure 38. Maps of the annual average ambient concentrations of MTBE (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

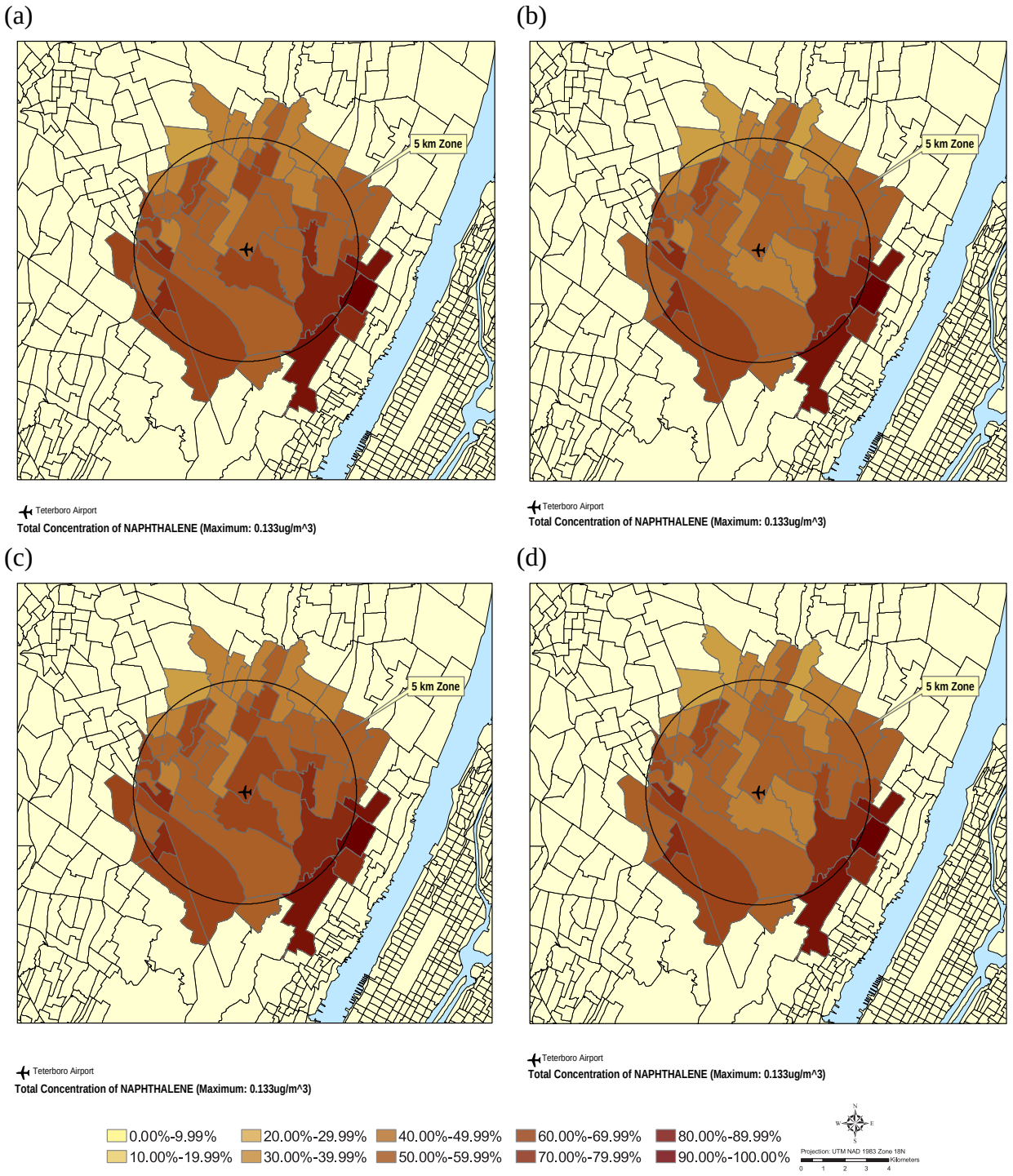


Figure 39. Maps of the annual average ambient concentrations of naphthalene (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

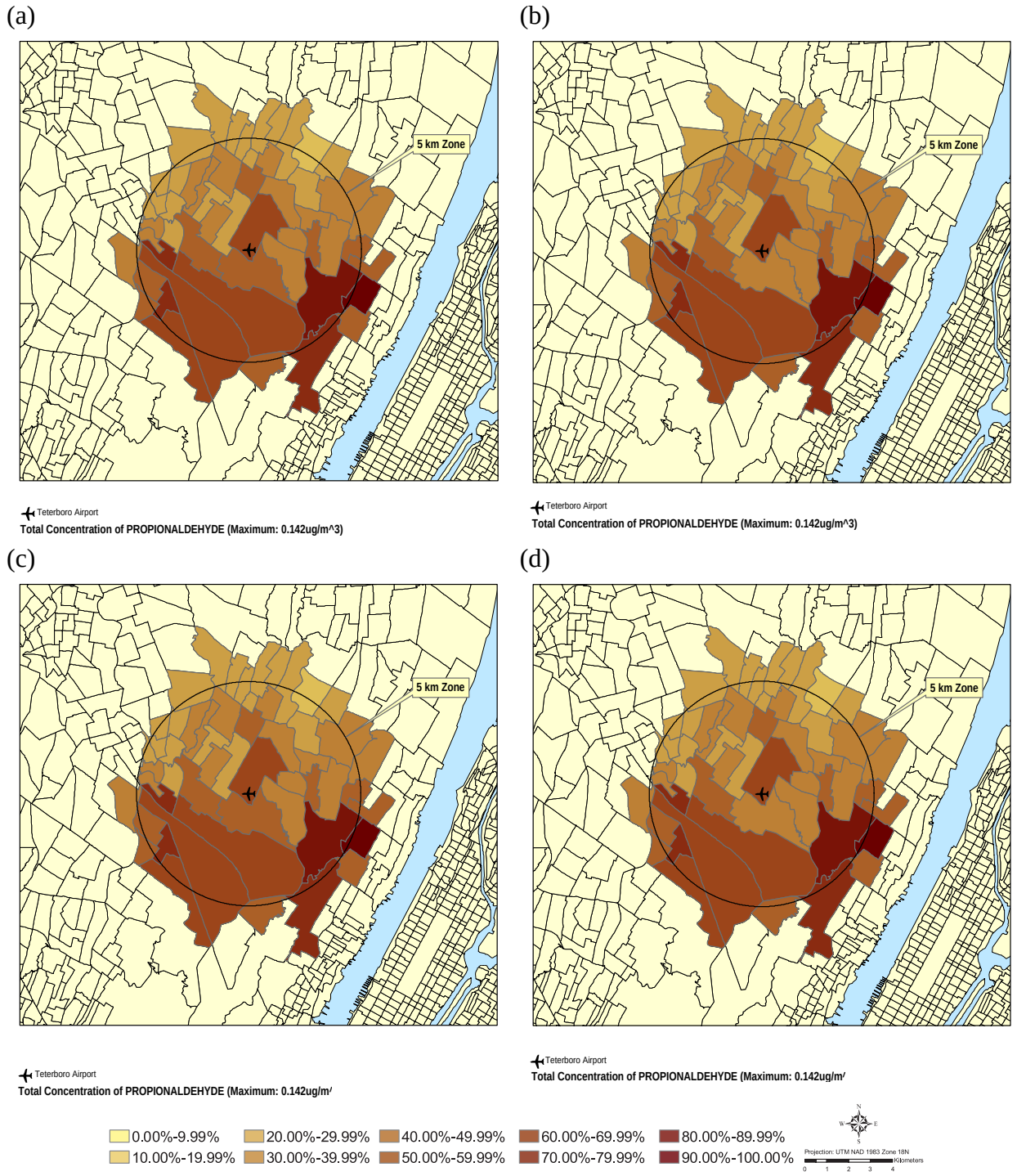


Figure 40. Maps of the annual average ambient concentrations of propionaldehyde (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

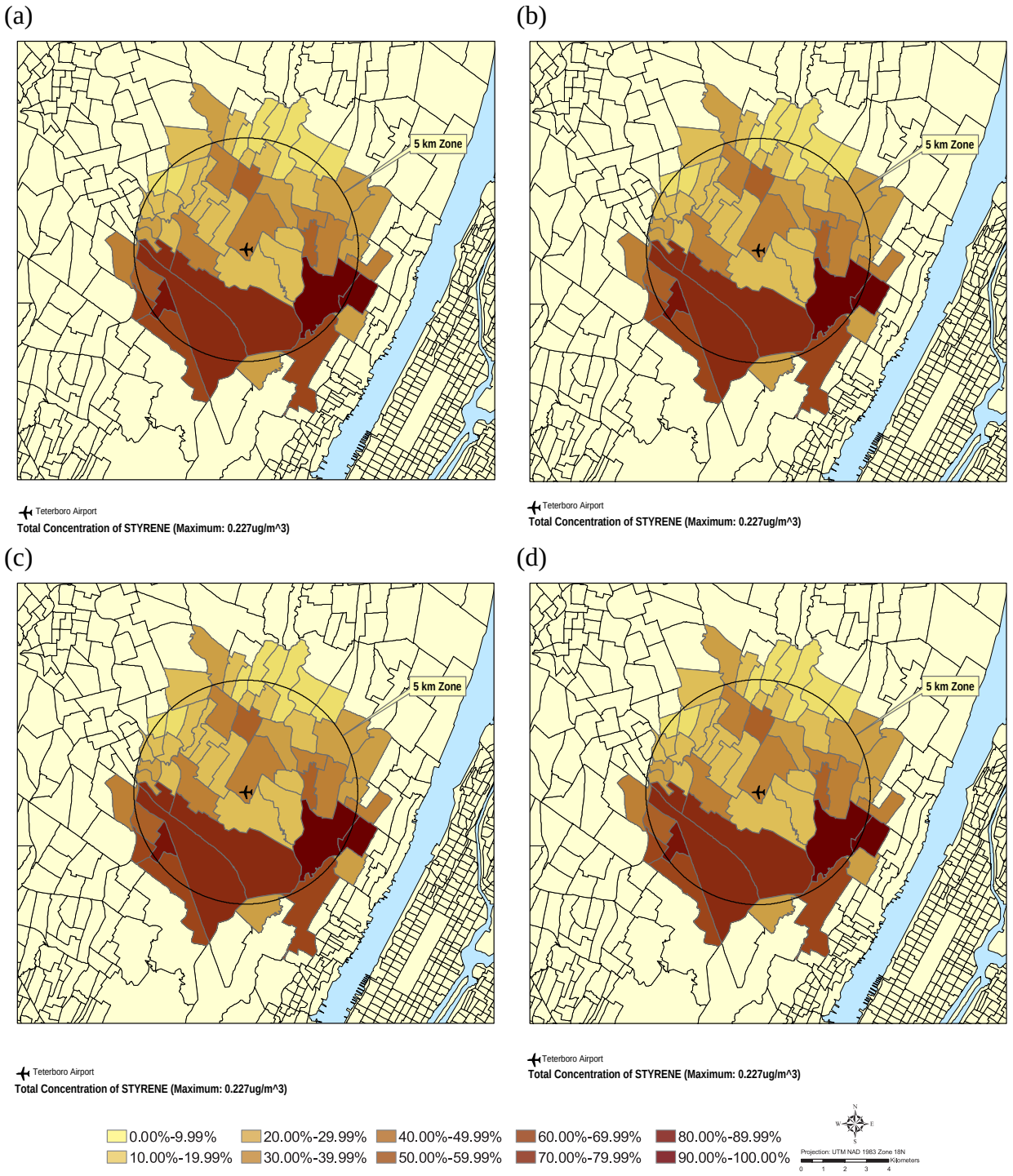


Figure 41. Maps of the annual average ambient concentrations of styrene (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

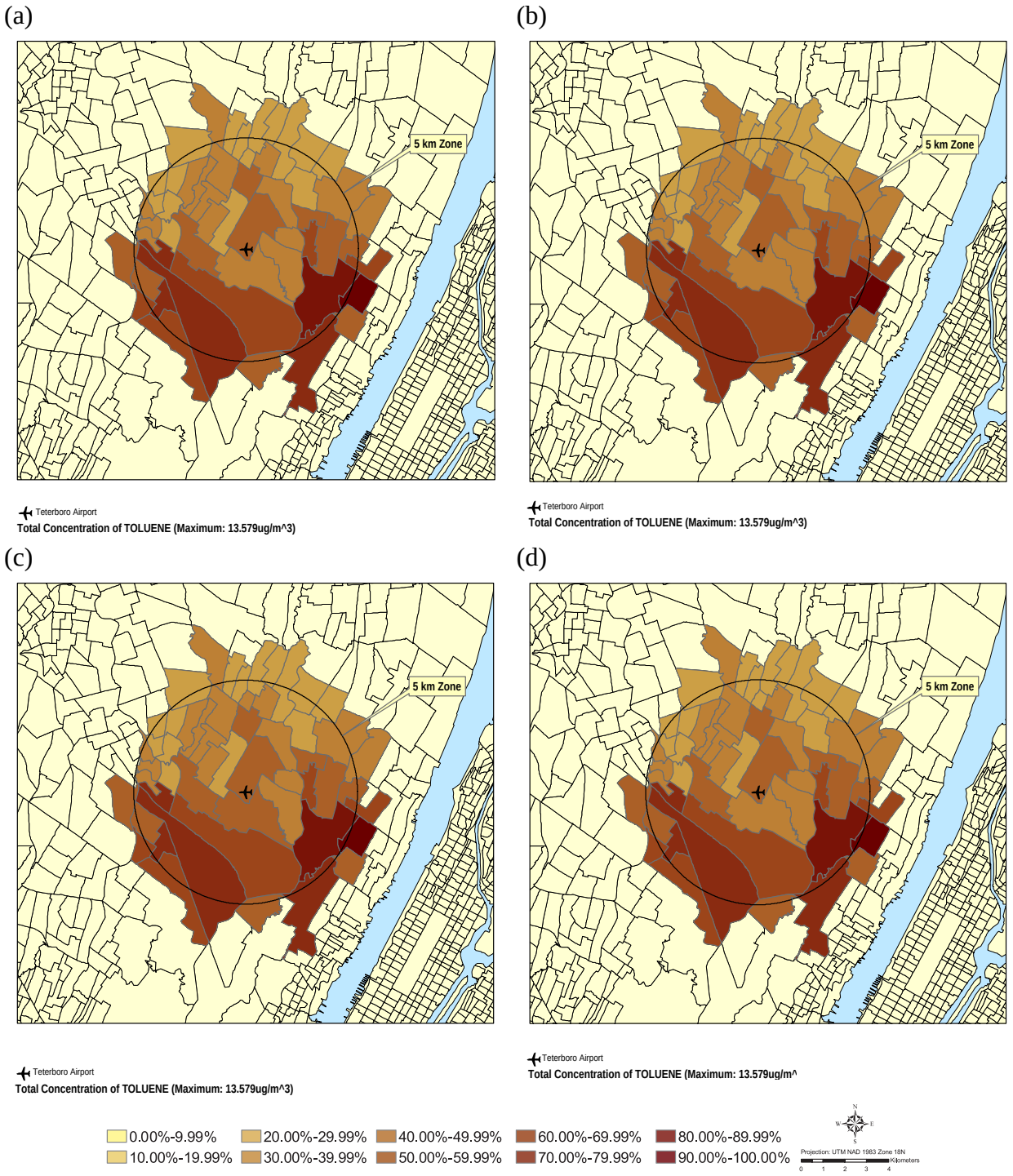


Figure 42. Maps of the annual average ambient concentrations of toluene (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

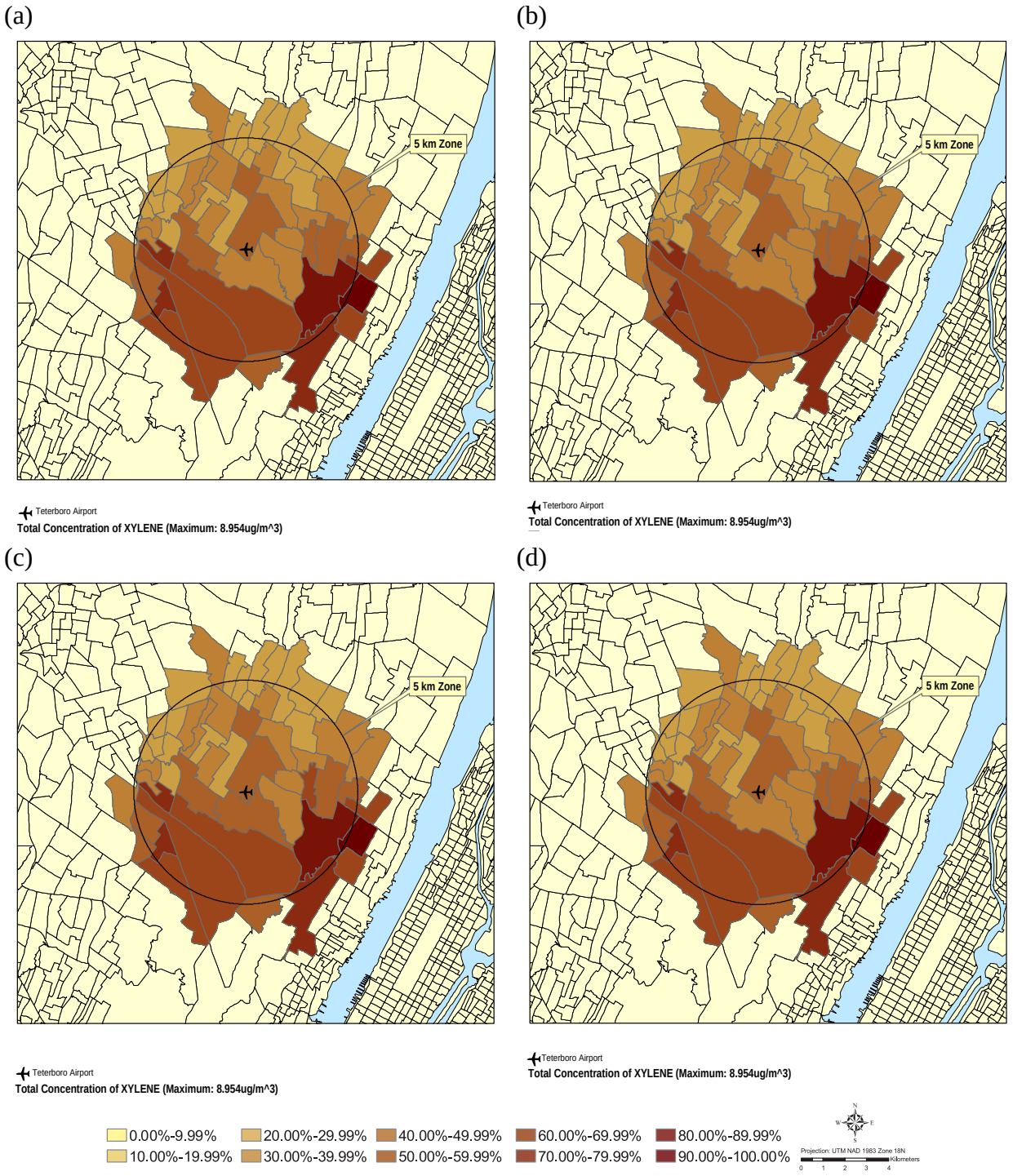


Figure 43. Maps of the annual average ambient concentrations of xylene (calculated with combined 1999 NEI, EMS-HAP, and ASPEN). The four panels show, respectively, (a) total concentration from all sources within a 25 km radius from Teterboro Airport (based on 1999 NEI adjusted with local information); (b) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI adjusted with local information); (c) total concentration from all sources within a 25 km radius of Teterboro Airport (based on 1999 NEI); and (d) total concentration from same sources minus Teterboro airport sources (based on 1999 NEI)

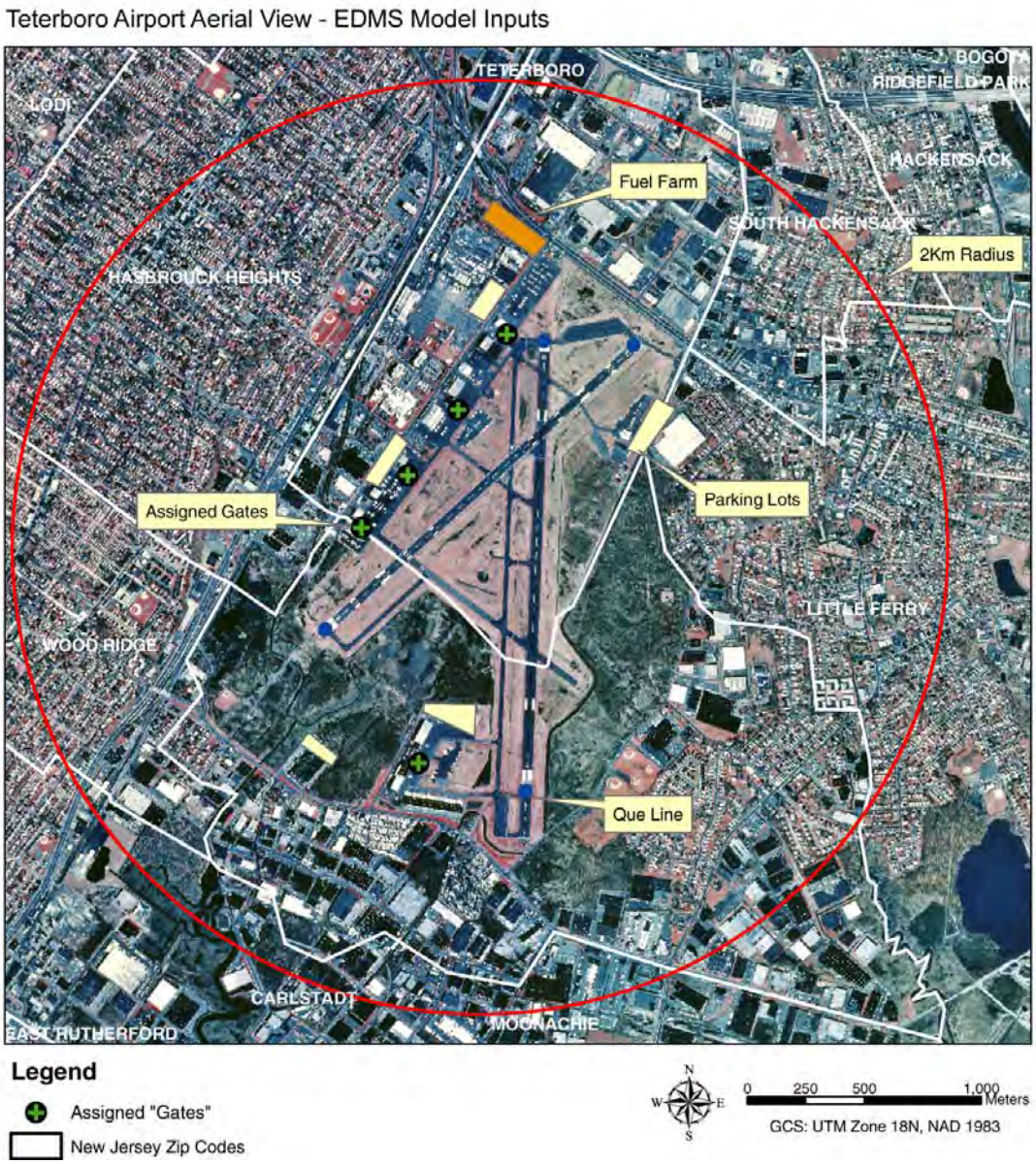


Figure 44. Airport sources modeled within the EDMS environment (assigned gates, runways, queue lines, parking lots and fuel farm)

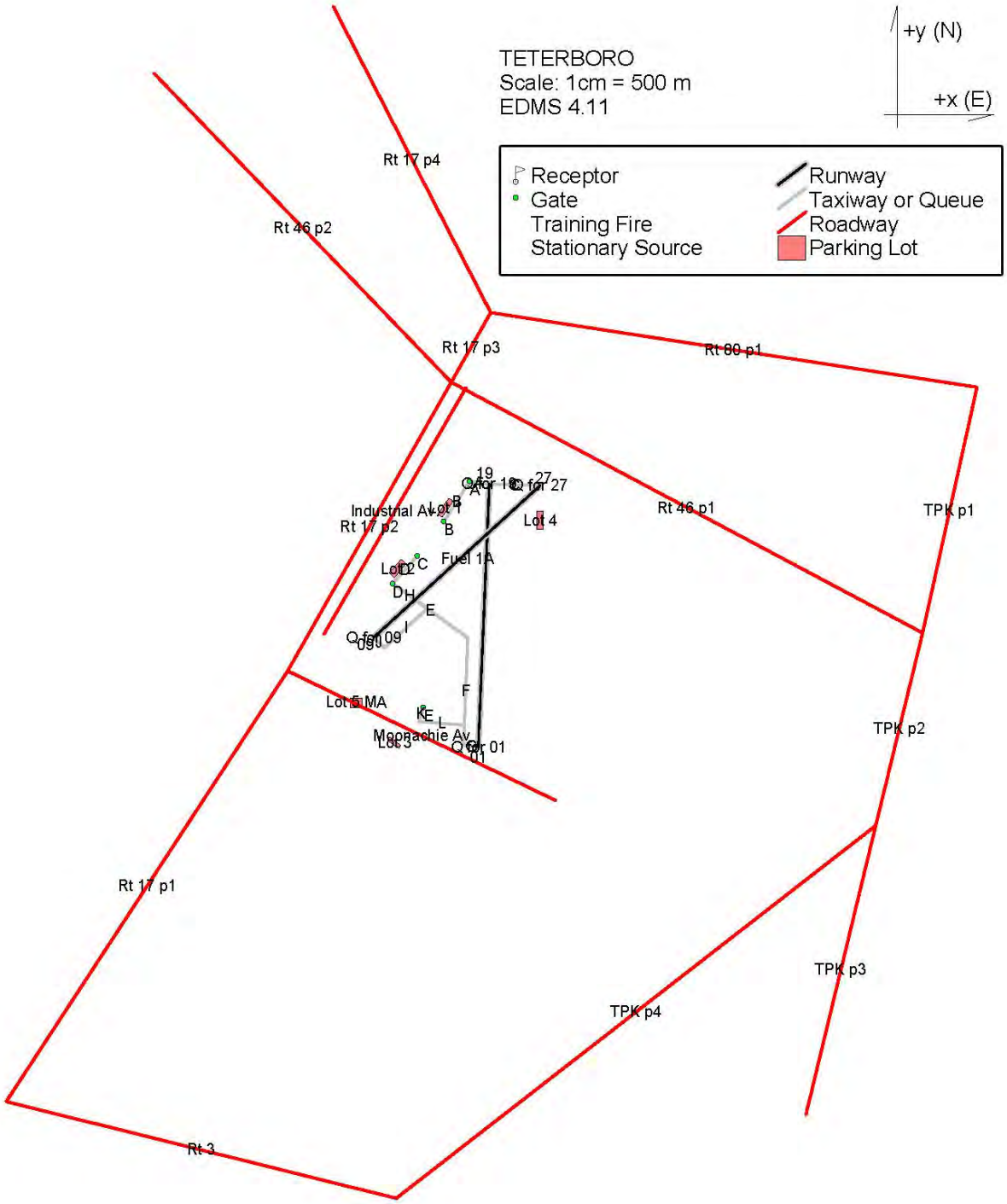


Figure 45. Georeferenced components that were identified and used as inputs to the EDMS calculations (all sources within the airport and the major highways that surround it)

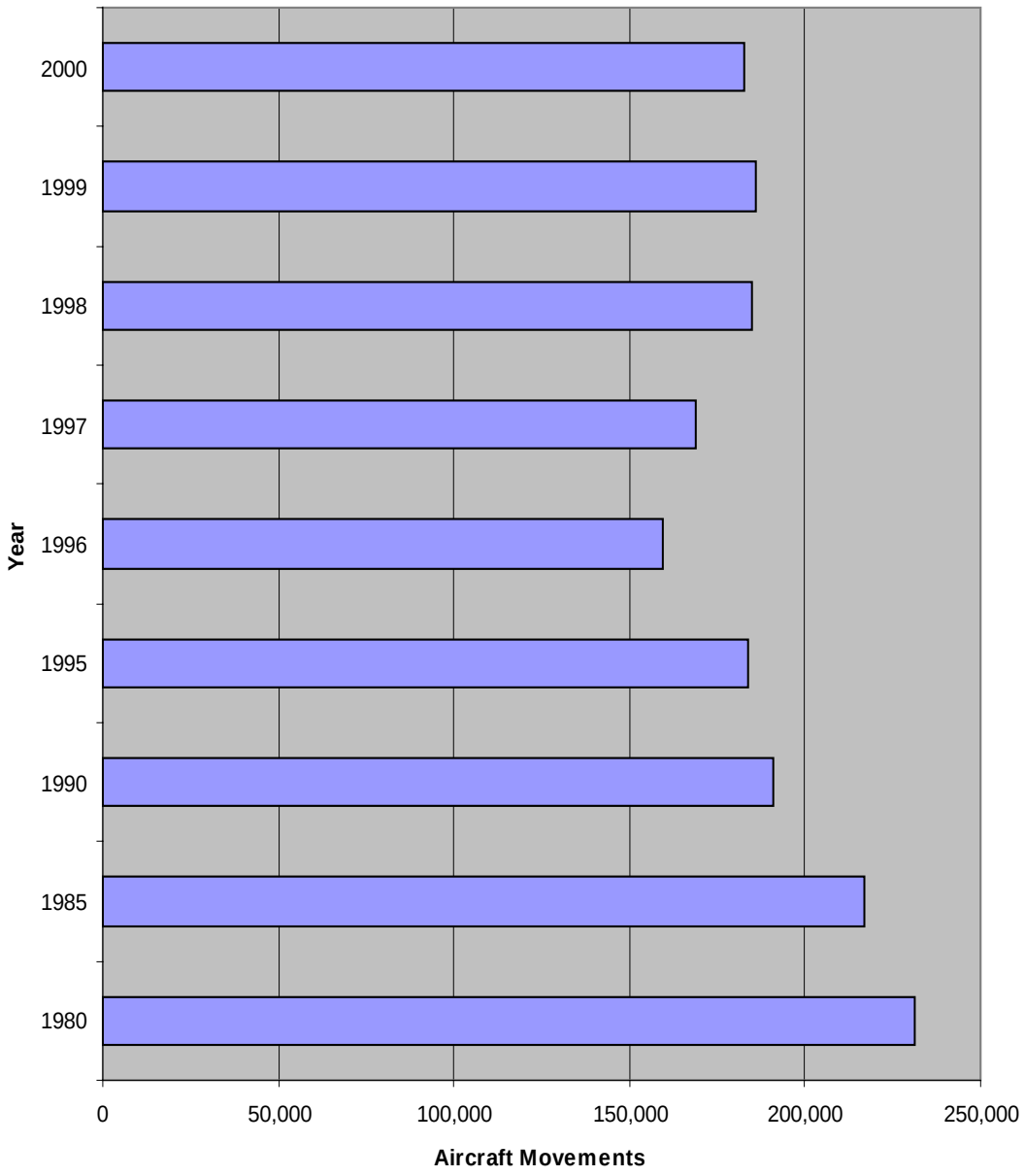


Figure 46. Total annual aircraft movements - departures and arrivals to Teterboro Airport (data provided by PANYNJ)

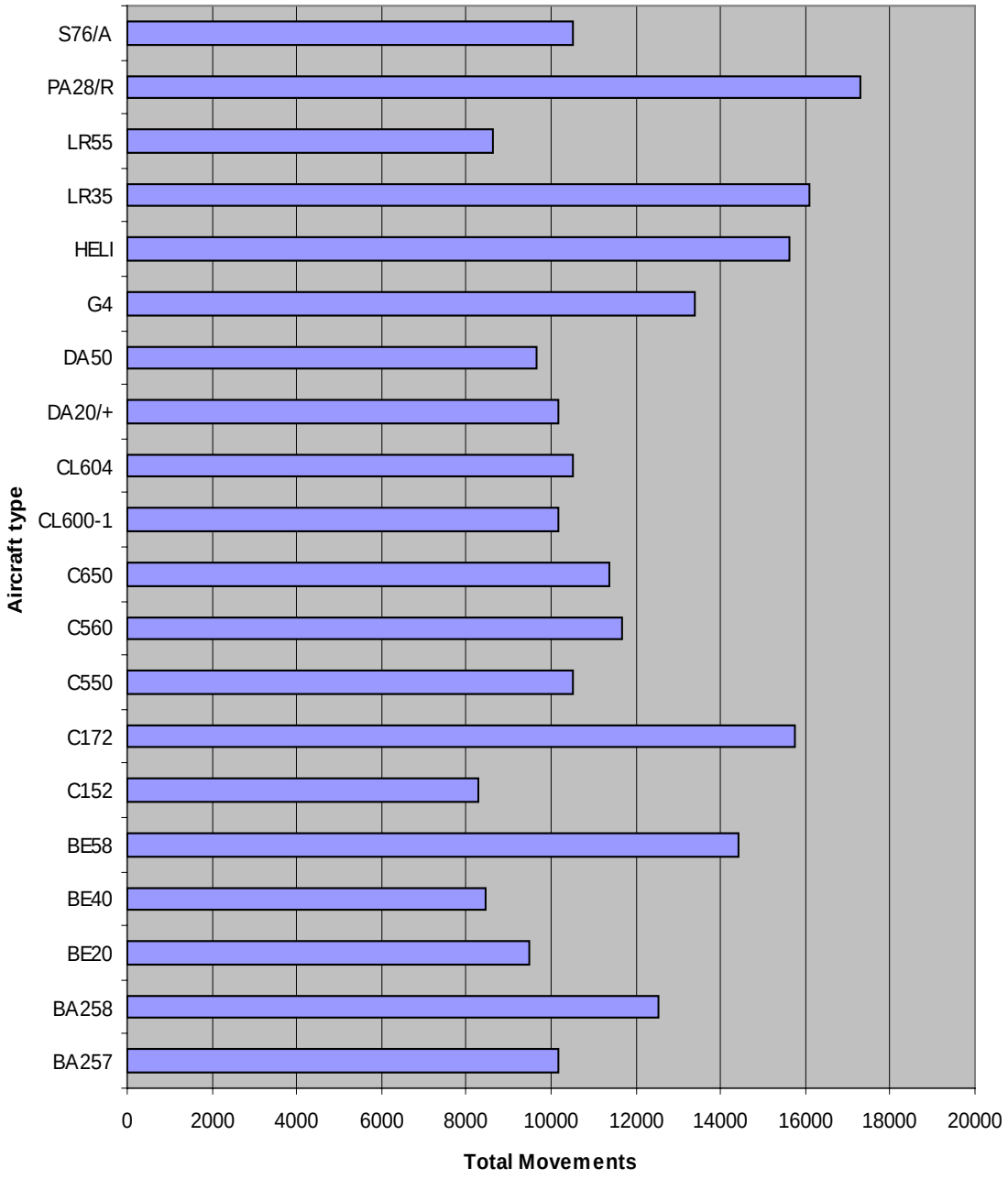


Figure 47. Total annual movements for the 20 most frequent aircraft types found in Teterboro during the year 1999, adjusted to represent the total number of flights for the same year (Data provided by PANYNJ)

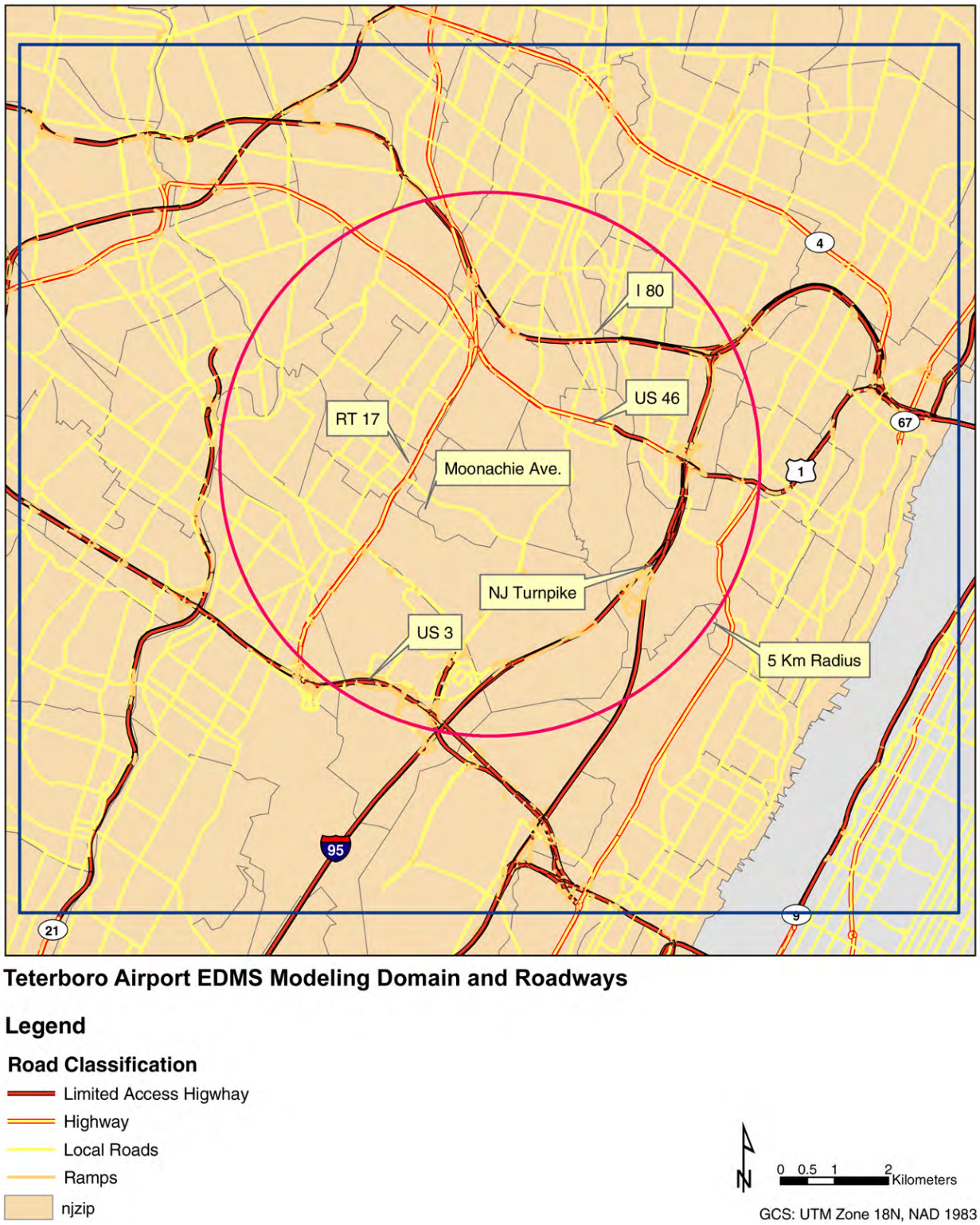


Figure 48. Major highways within 5km radius from Teterboro Airport, that were incorporated as roadways in the EDMS modeling environment

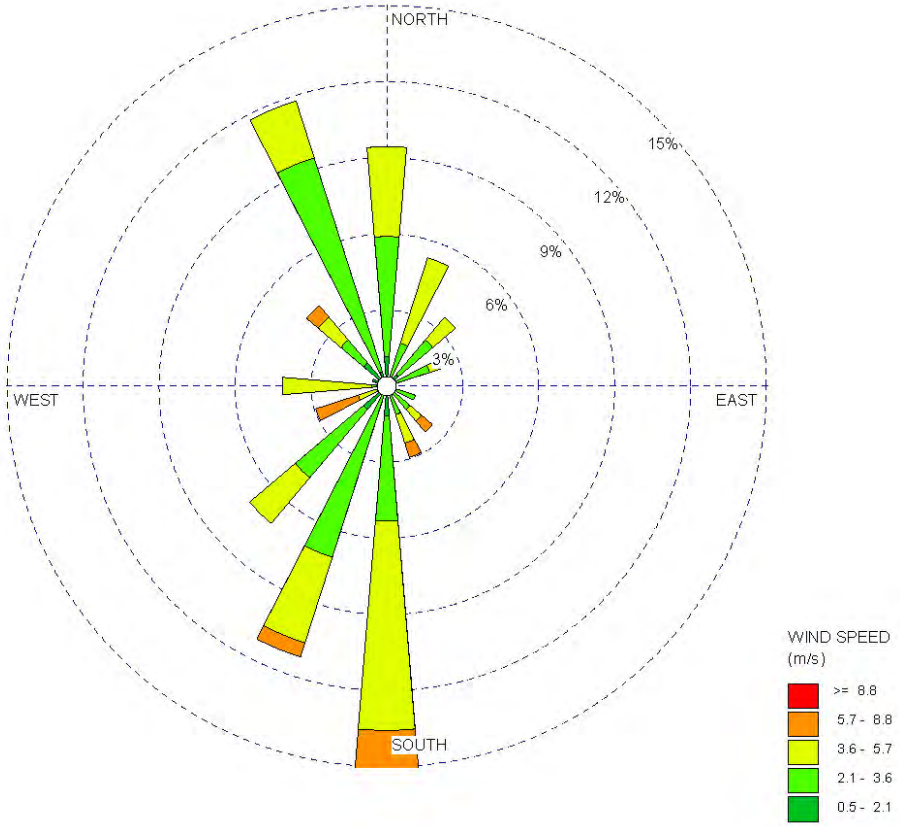


Figure 49. Windrose for Teterboro Airport meteorological station #94741, EDMS modeled week, July 20-27, 1999

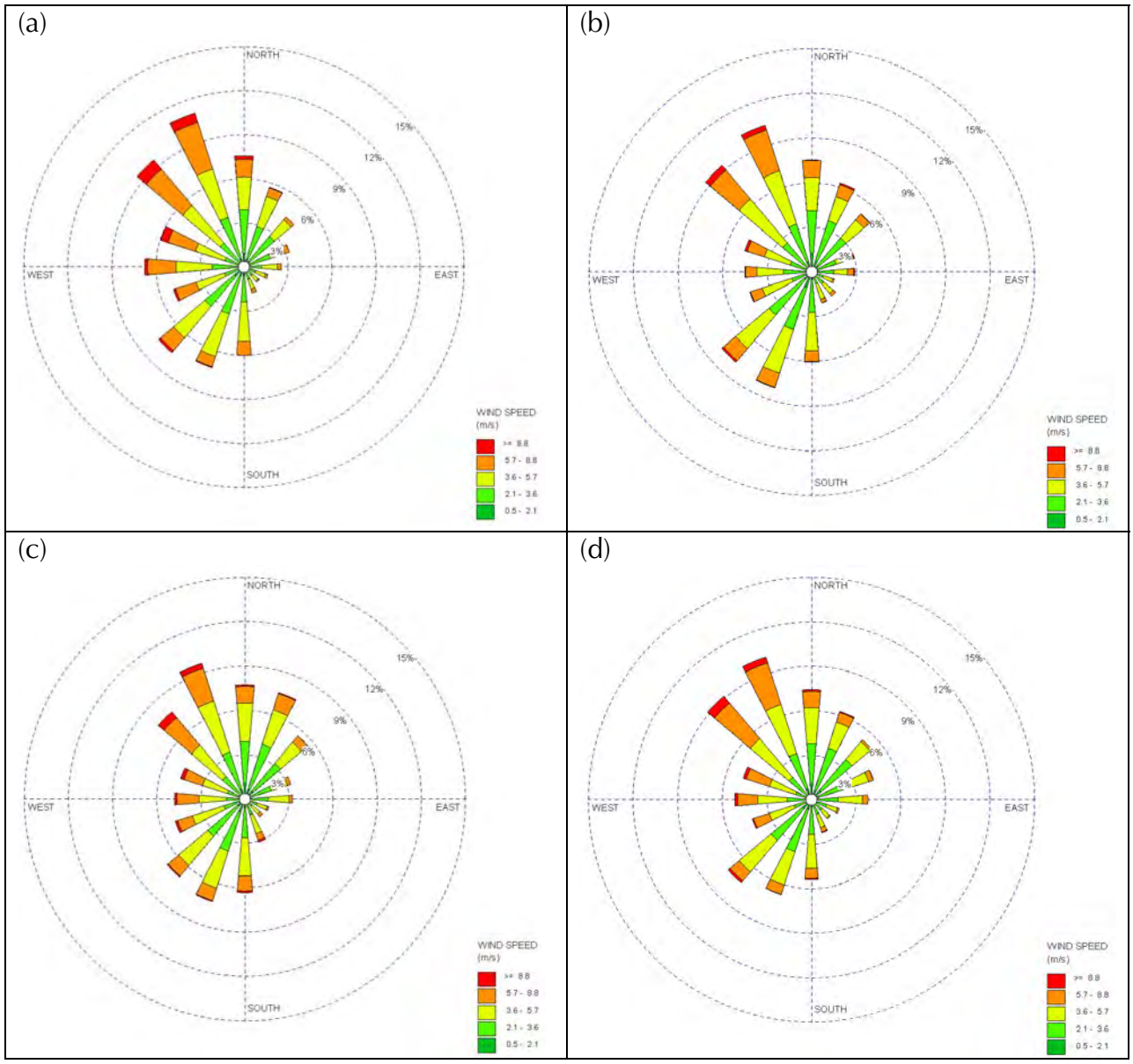


Figure 50. Windrose for Teterboro Airport meteorological station #94741, (a) 1997; (b) 1998; (c) 1999; (d) 2000

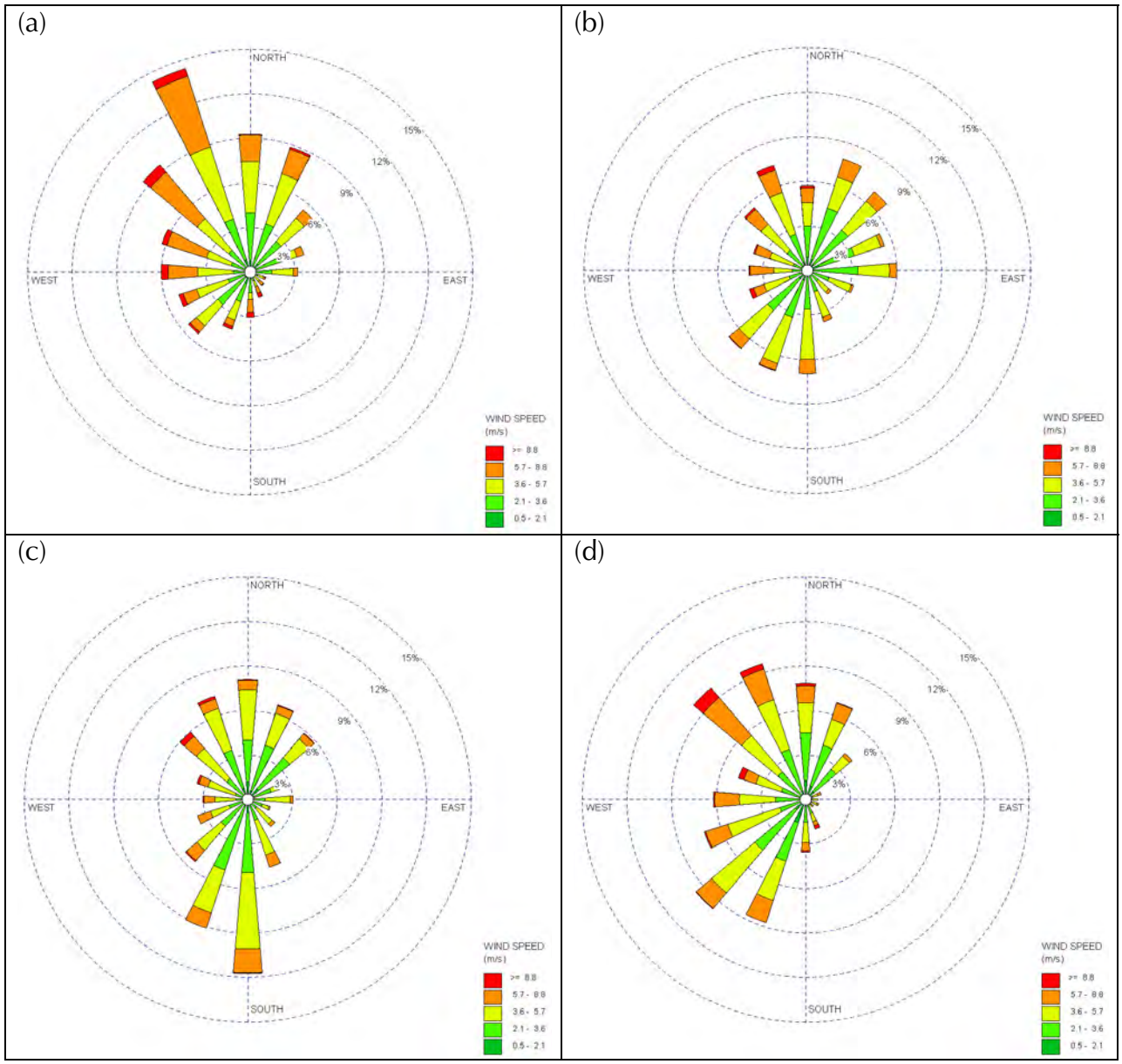


Figure 51. Windrose for Teterboro Airport meteorological station #94741, 1999: (a) 1st quarter; (b) 2nd quarter;(c) 3rd quarter; (d) 4th quarter

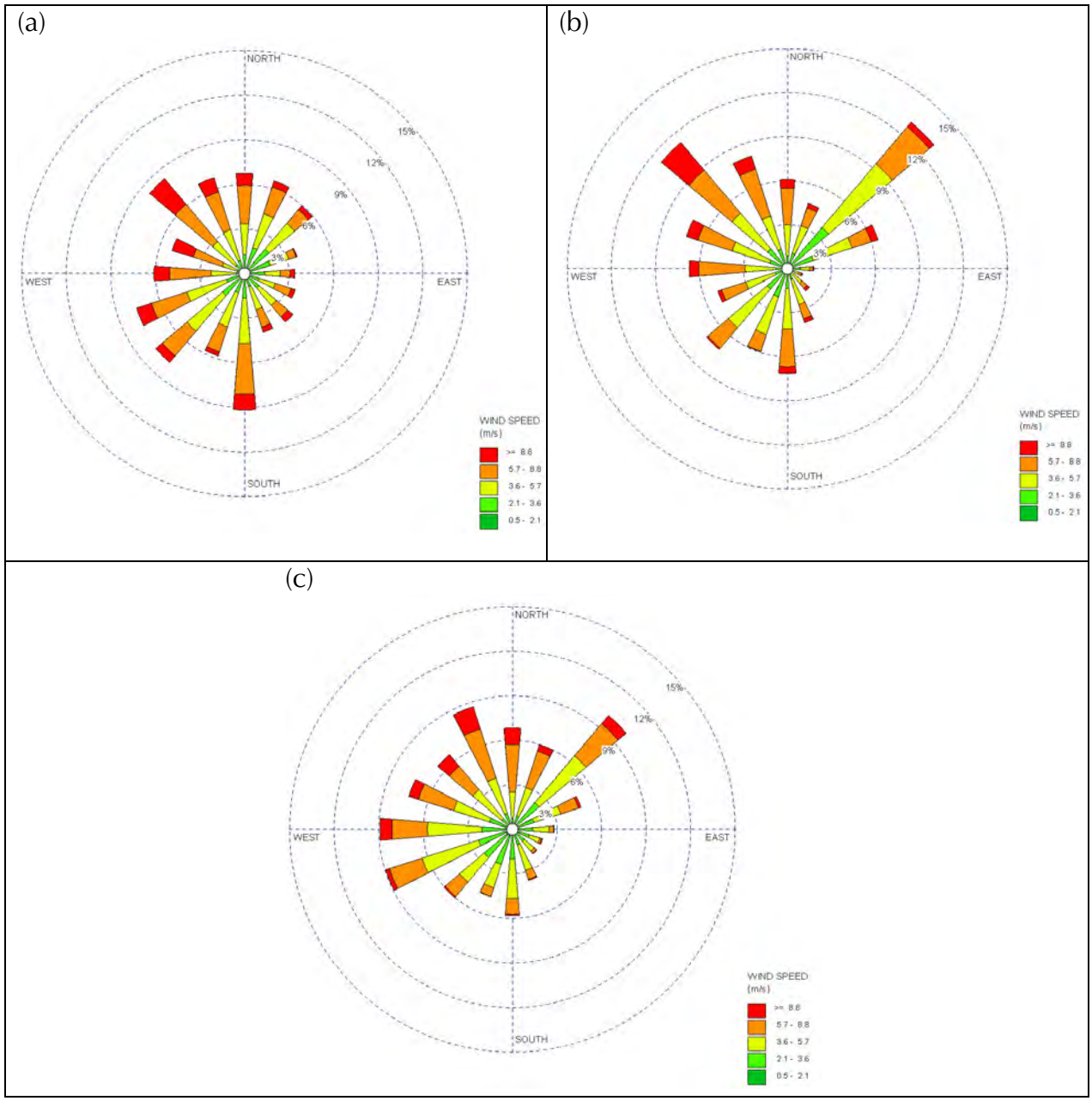


Figure 52. Windrose for 1999 at (a) JFK Airport meteorological station #94789; (b) LaGuardia Airport meteorological station #14732; (c) Newark Airport meteorological station #14734

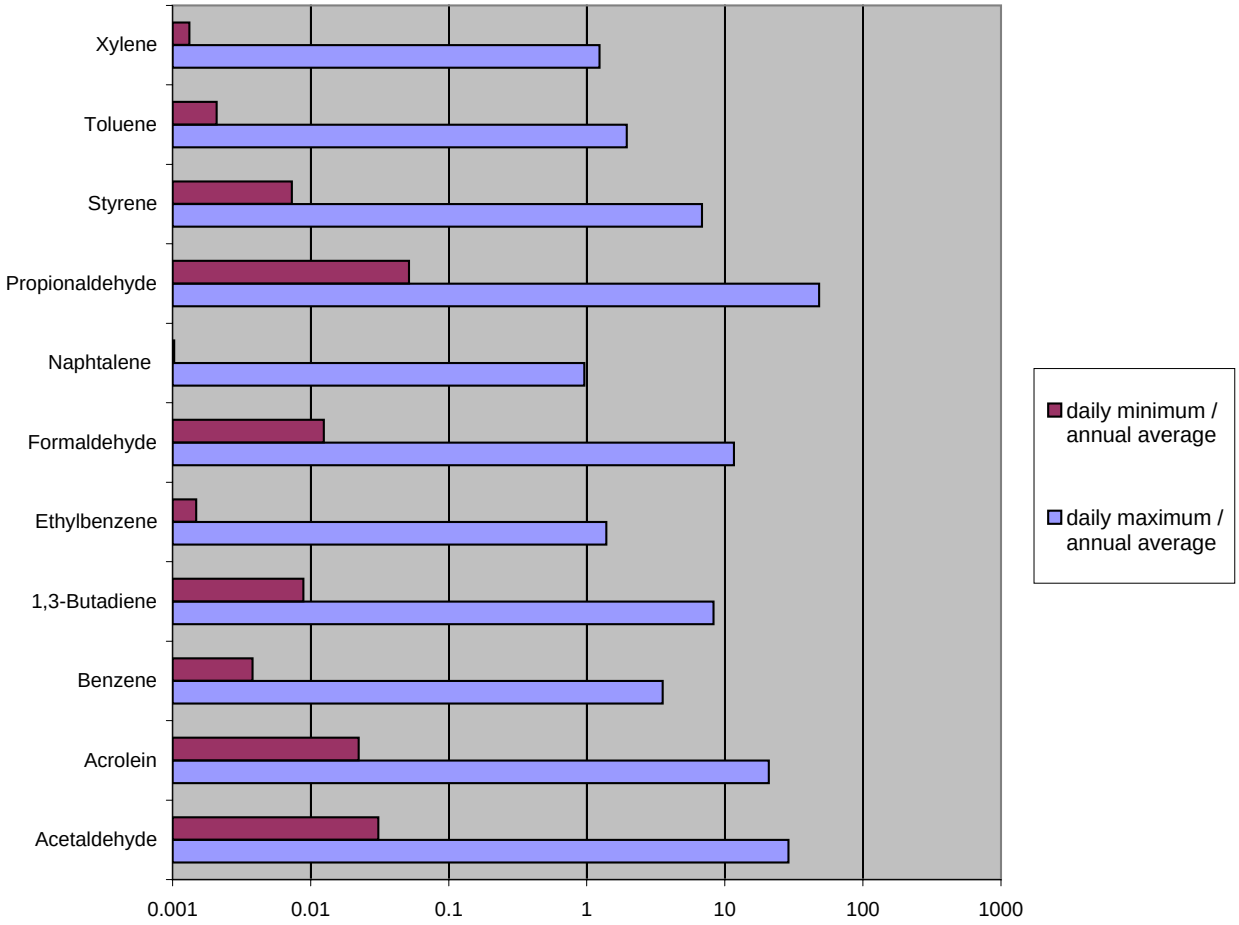
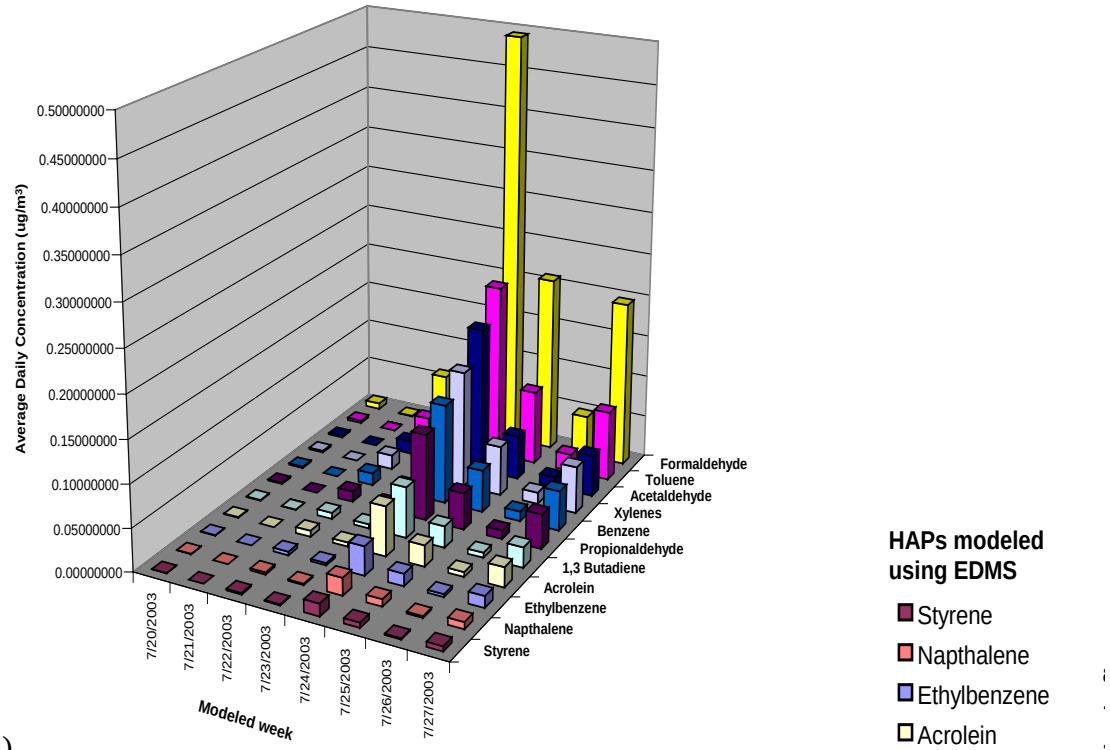
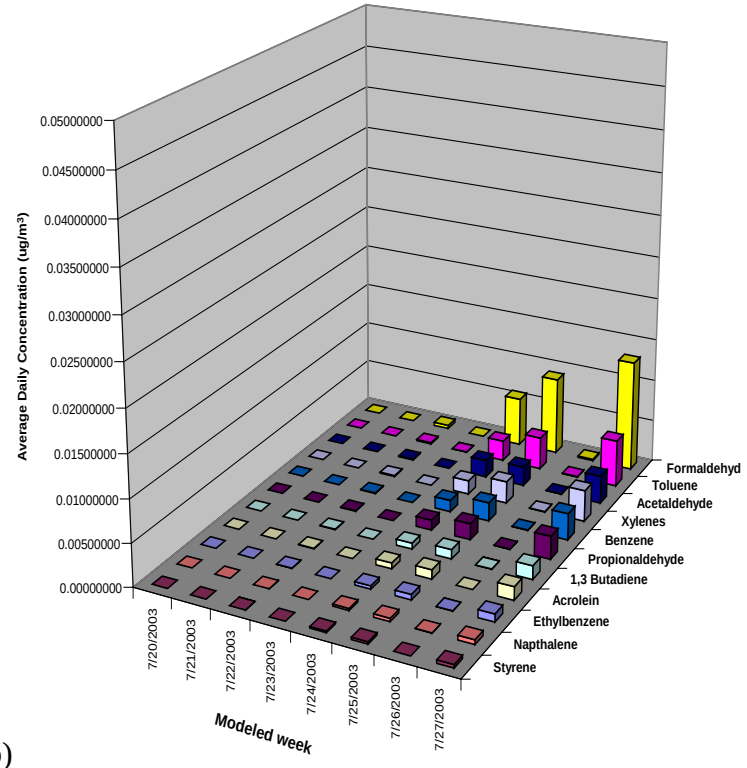


Figure 53. Ratios of EDMS daily average maximum (7/24/99) and minimum (7/21/99) over ASPEN annual 1999 average for census tract #34003036200 (Moonachie), showing that day-to-day variability of contributions to ambient air toxic levels from individual sources can be large



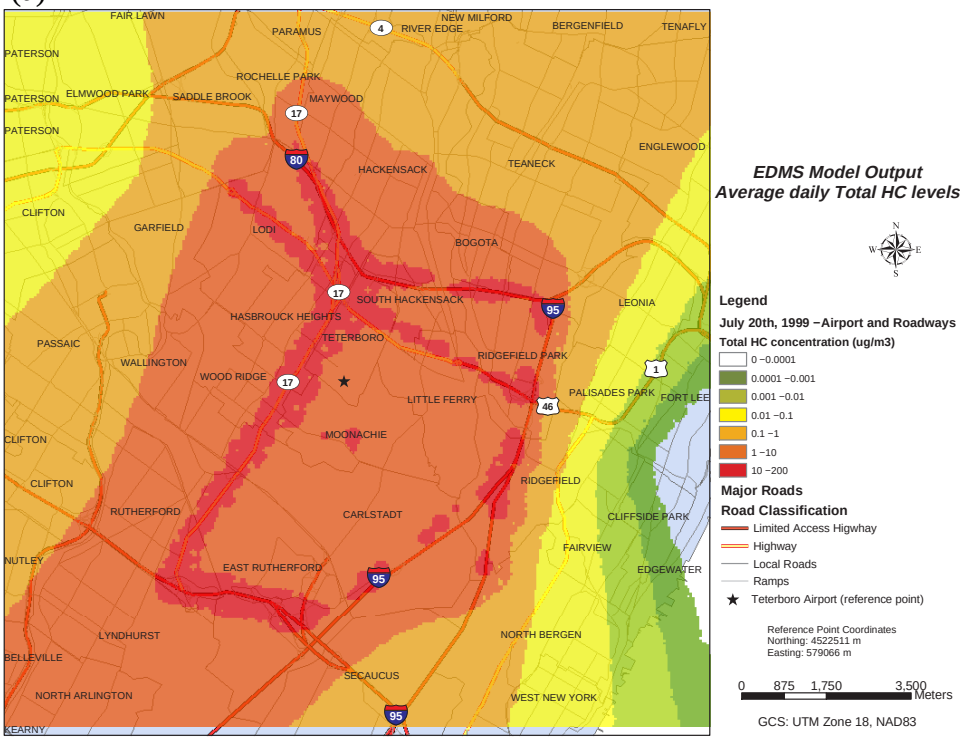
(a)



(b)

Figure 54. Average daily concentration at (a) census tract #34003036200 (Moonachie) and (b) census tract #34003045200 (Ridgefield), calculated for 7/20-27/1999 with EDMS, using only airport activities as source

(a)



(b)

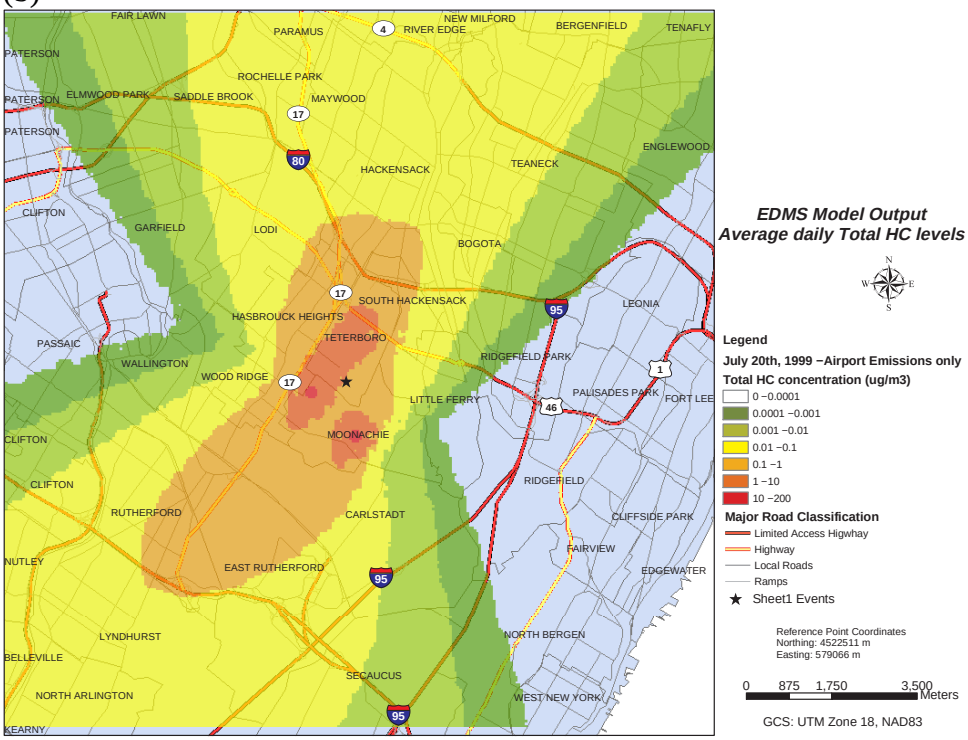
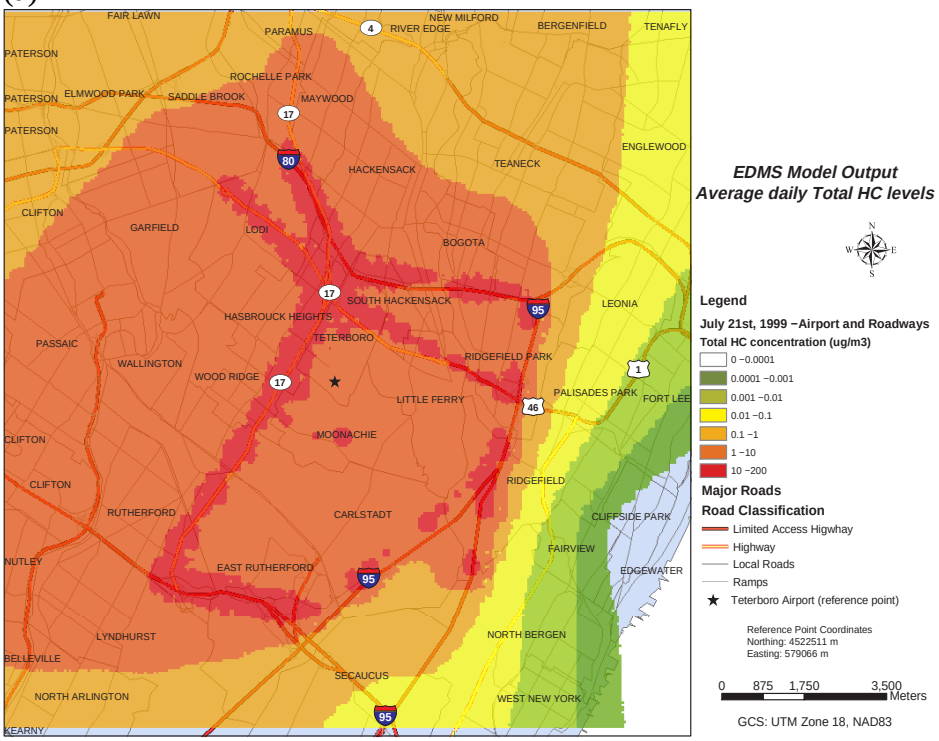


Figure 55. EDMS model output for July 20, 1999, within the 7x7km (2500 receptors) receptor domain of Teterboro Airport (a) using both airport and roadway emissions; (b) using airport emissions only

(a)



(b)

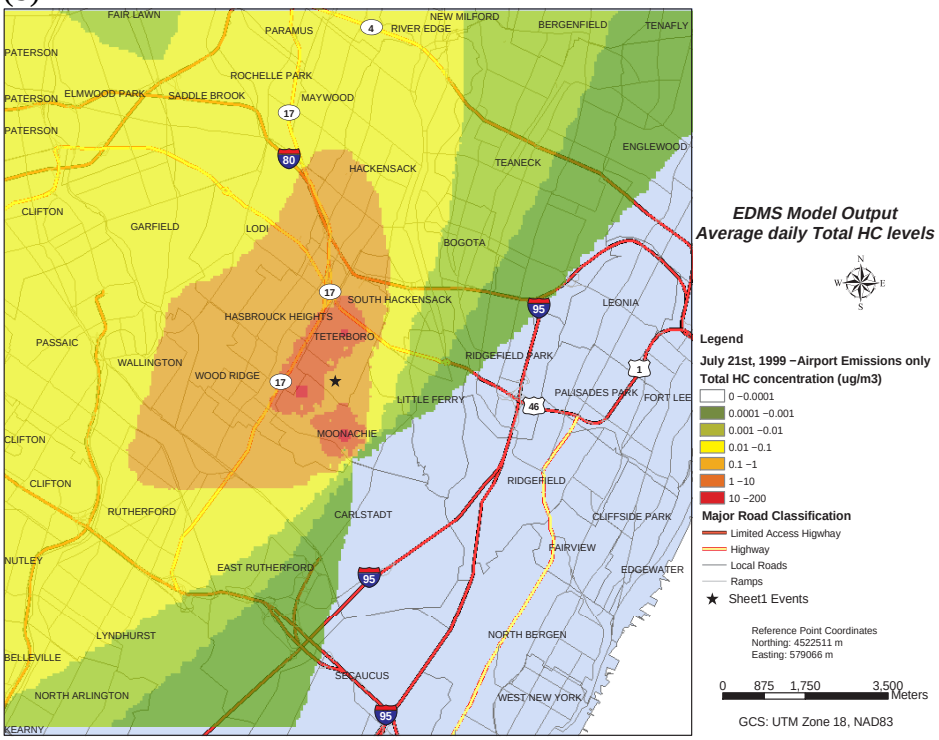
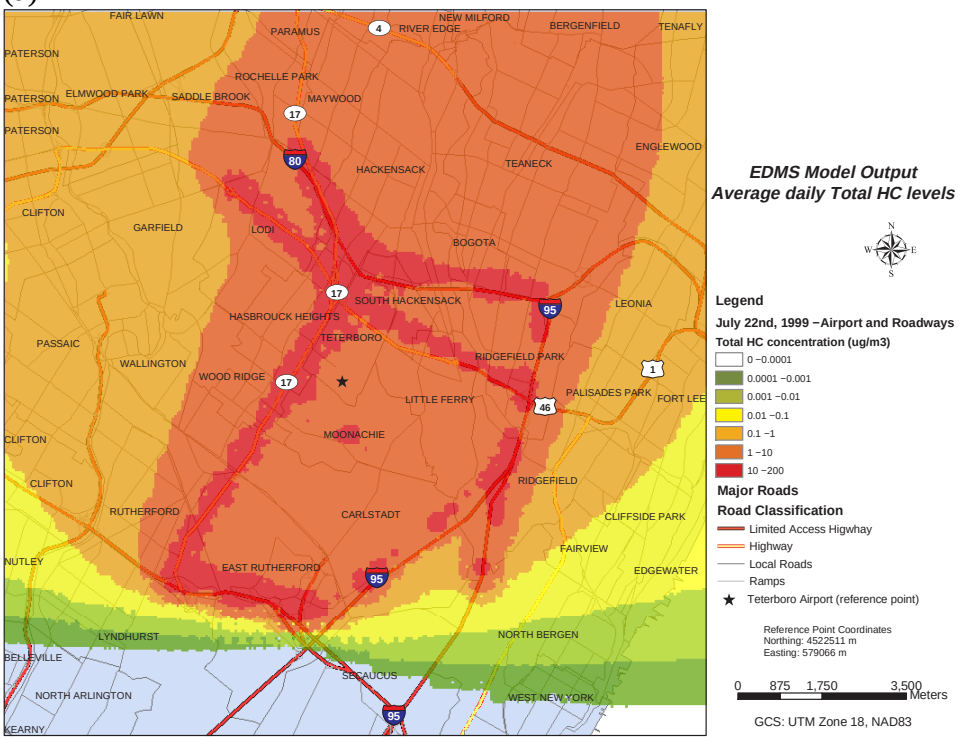


Figure 56. EDMS model output for July 21, 1999, within the 7x7km (2500 receptors) receptor domain of Teterboro Airport (a) using both airport and roadway emissions; (b) using airport emissions only

(a)



(b)

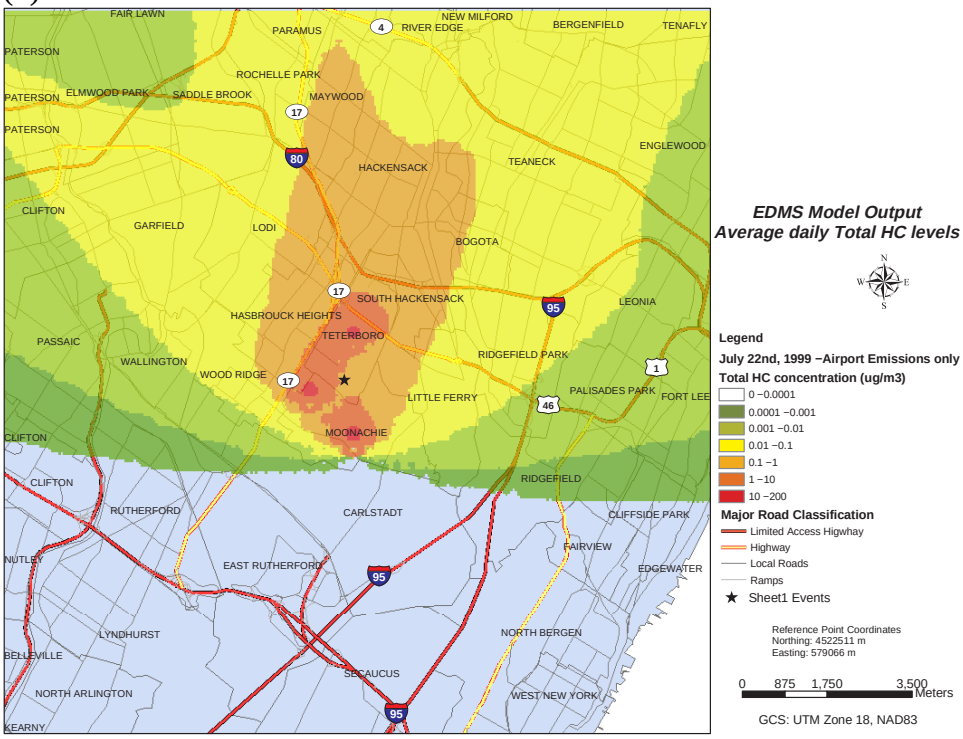
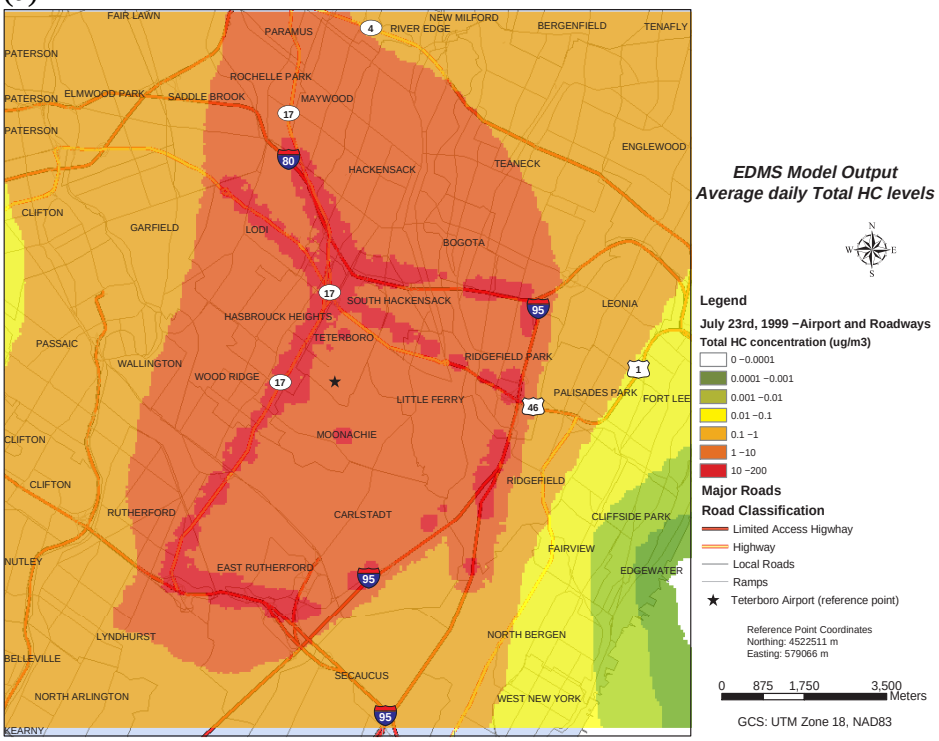


Figure 57. EDMS model output for July 22, 1999, within the 7x7km (2500 receptors) receptor domain of Teterboro Airport (a) using both airport and roadway emissions; (b) using airport emissions only

(a)



(b)

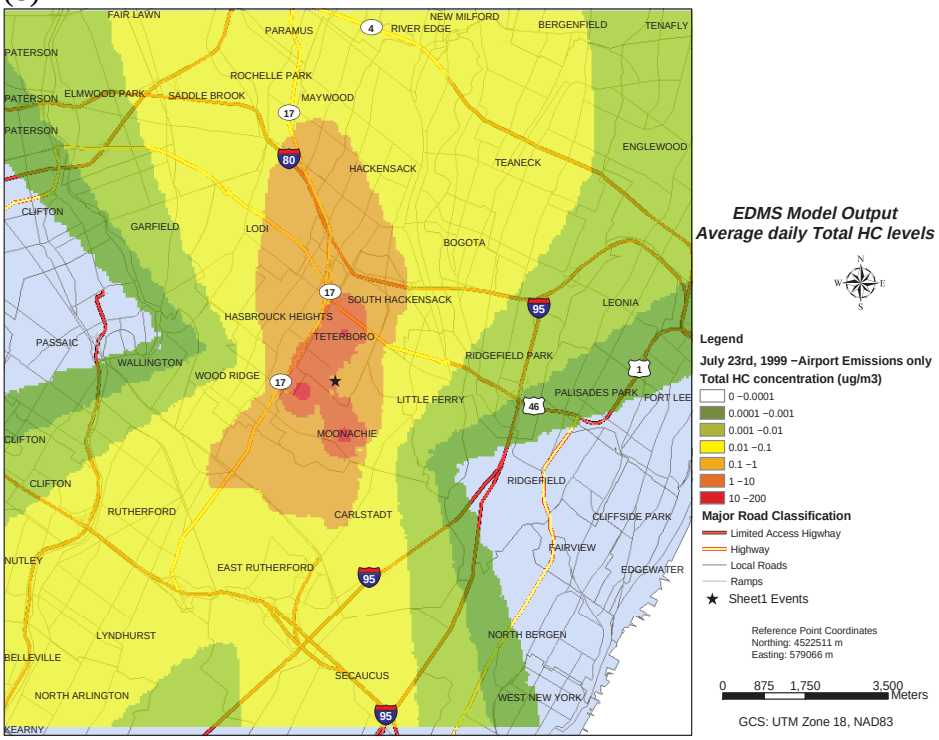
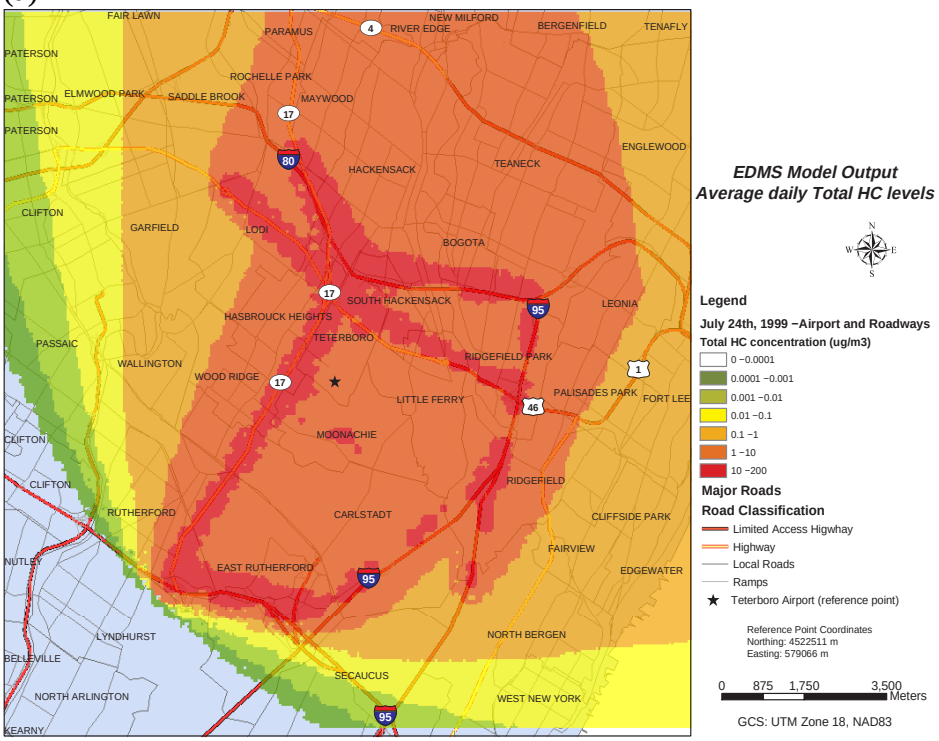


Figure 58. EDMS model output for July 23, 1999, within the 7x7km (2500 receptors) receptor domain of Teterboro Airport (a) using both airport and roadway emissions; (b) using airport emissions only

(a)



(b)

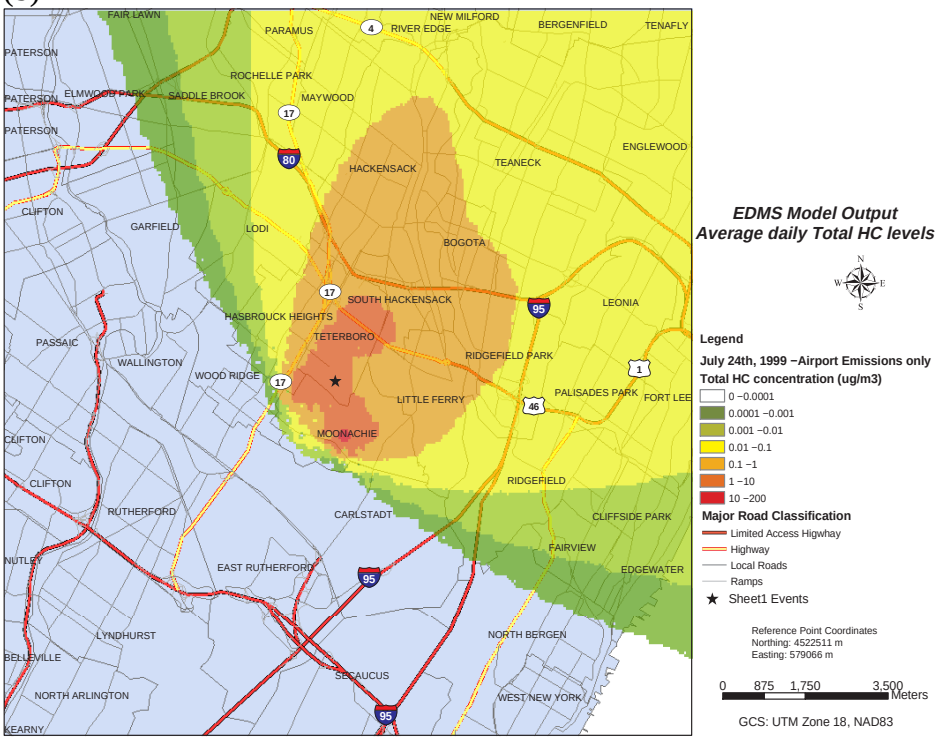
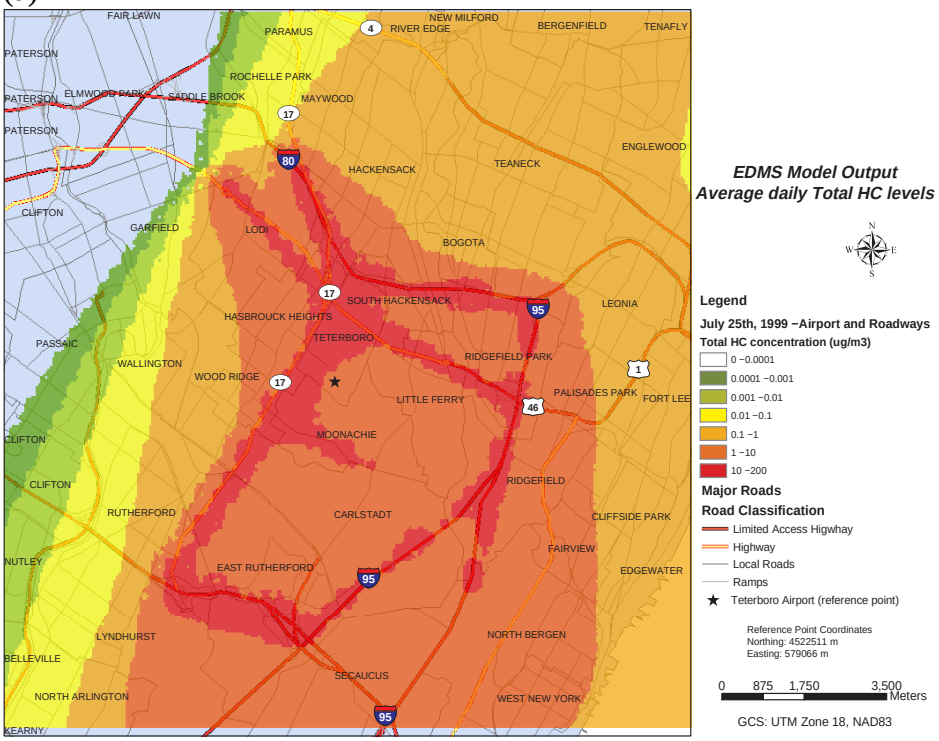


Figure 59. EDMS model output for July 24, 1999, within the 7x7km (2500 receptors) receptor domain of Teterboro Airport (a) using both airport and roadway emissions; (b) using airport emissions only

(a)



(b)

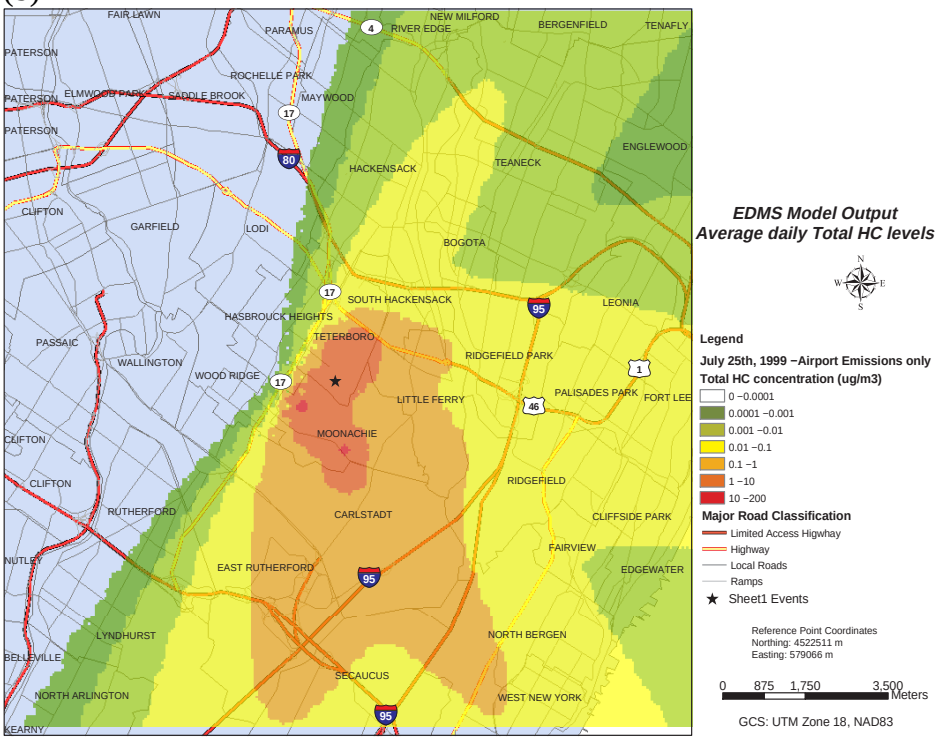
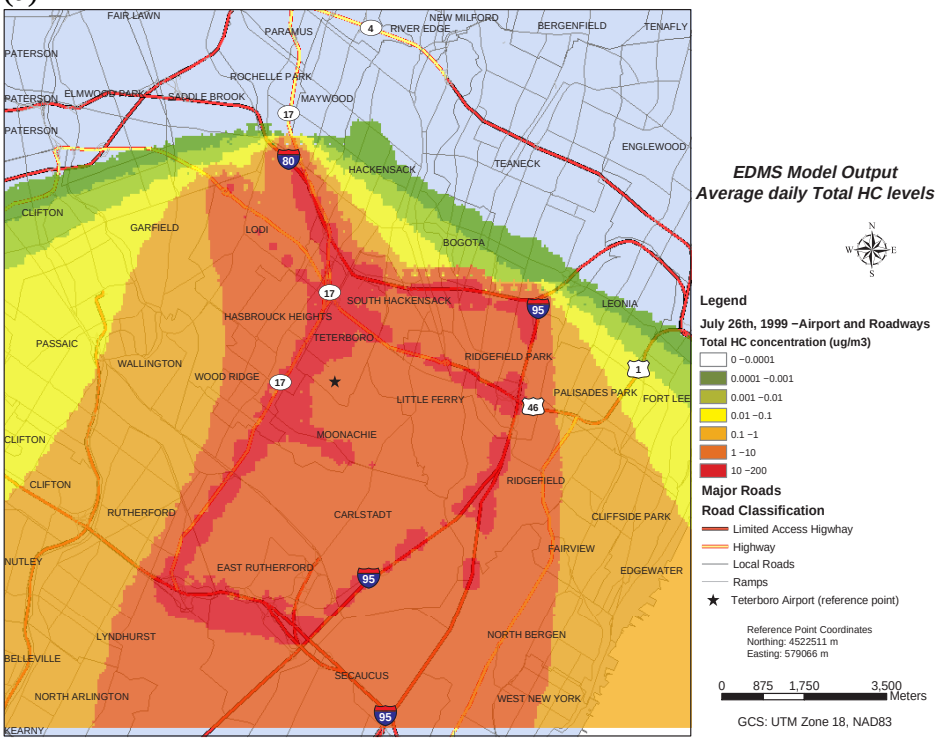


Figure 60. EDMS model output for July 25, 1999, within the 7x7km (2500 receptors) receptor domain of Teterboro Airport (a) using both airport and roadway emissions; (b) using airport emissions only

(a)



(b)

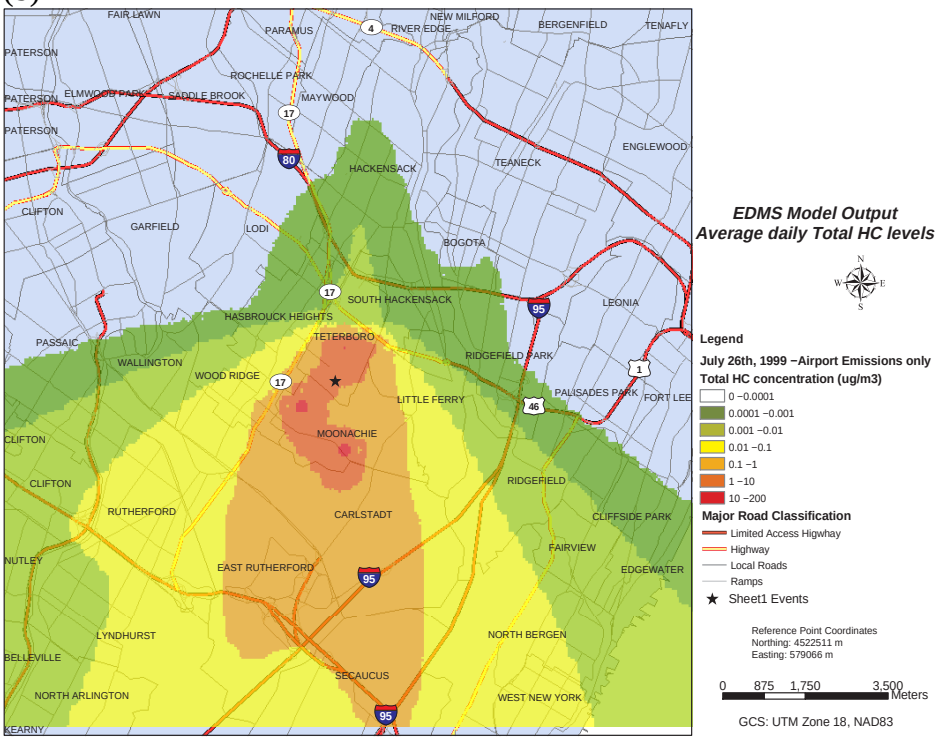
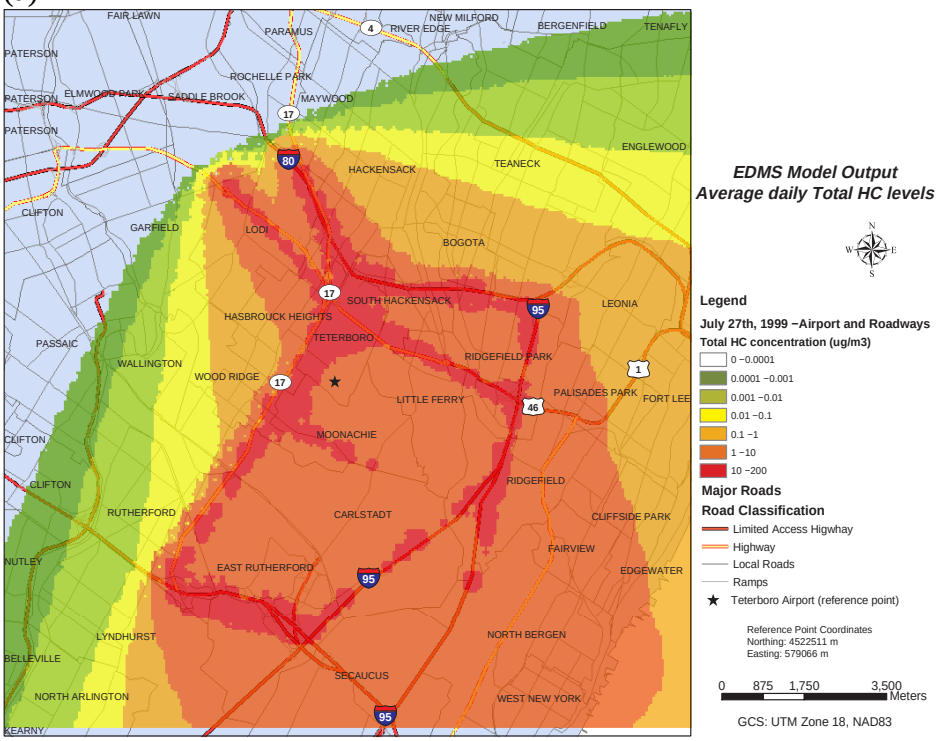


Figure 61. EDMS model output for July 26, 1999, within the 7x7km (2500 receptors) receptor domain of Teterboro Airport (a) using both airport and roadway emissions; (b) using airport emissions only

(a)



(b)

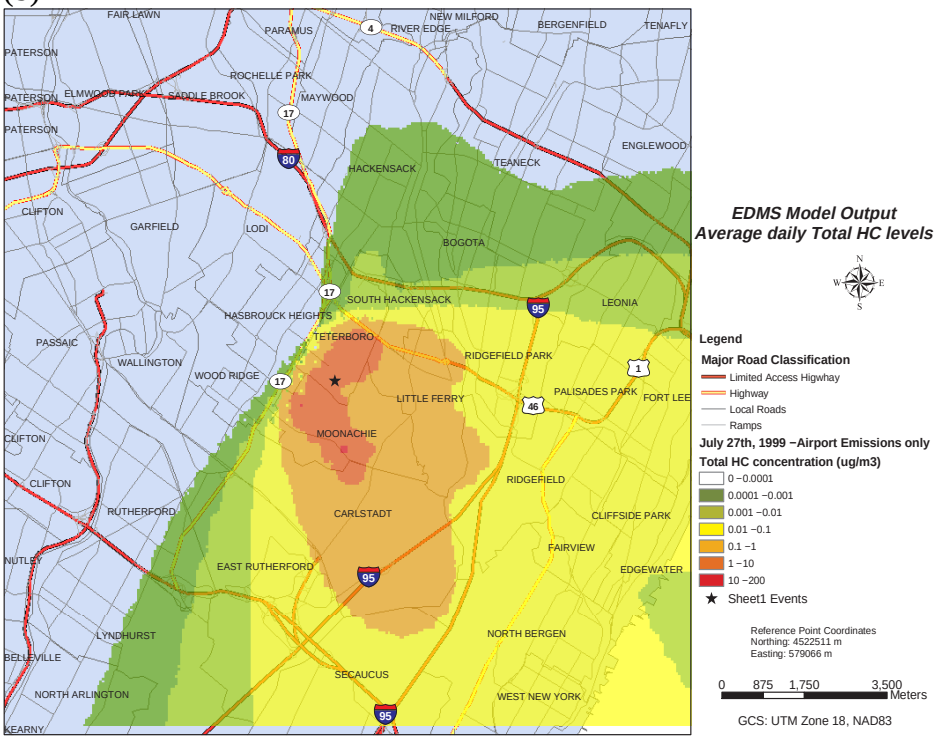
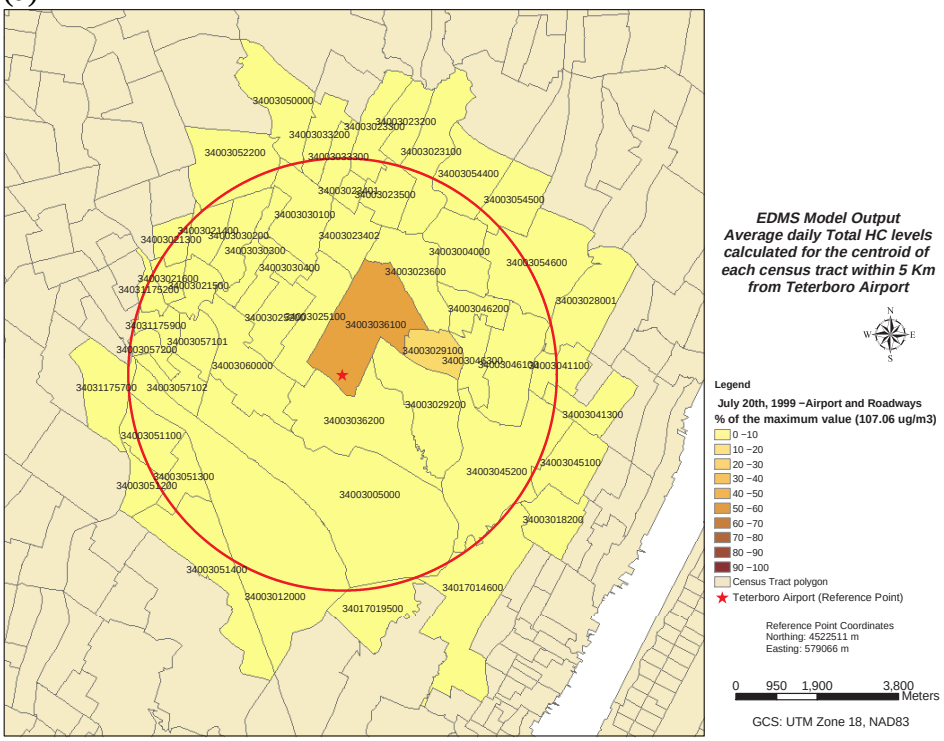


Figure 62. EDMS model output for July 27, 1999, within the 7x7km (2500 receptors) receptor domain of Teterboro Airport (a) using both airport and roadway emissions; (b) using airport emissions only

(a)



(b)

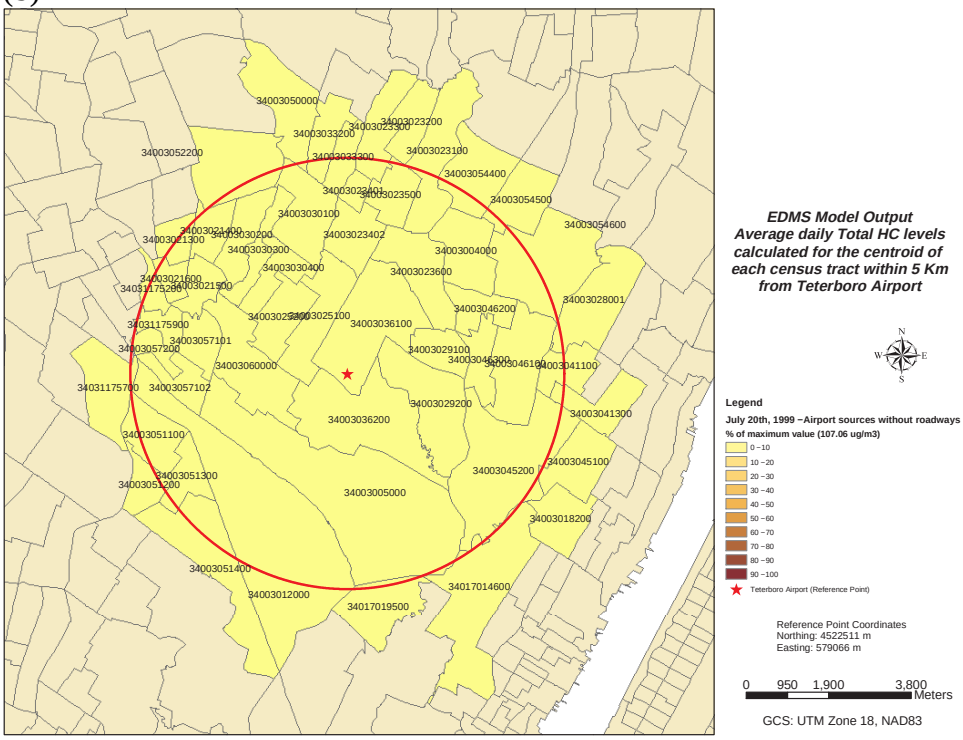
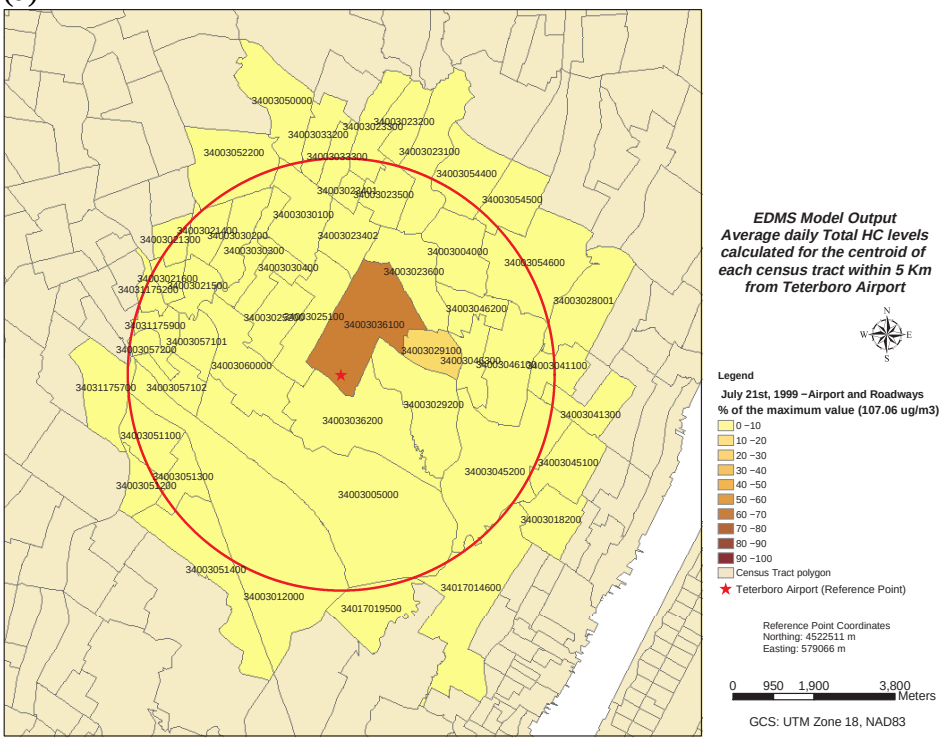


Figure 63. EDMS model output for July 20, 1999, with the receptor network representing all census tract centroids within 5km radius from Teterboro Airport (a) using airport and roadway emissions; (b) using airport emissions only

(a)



(b)

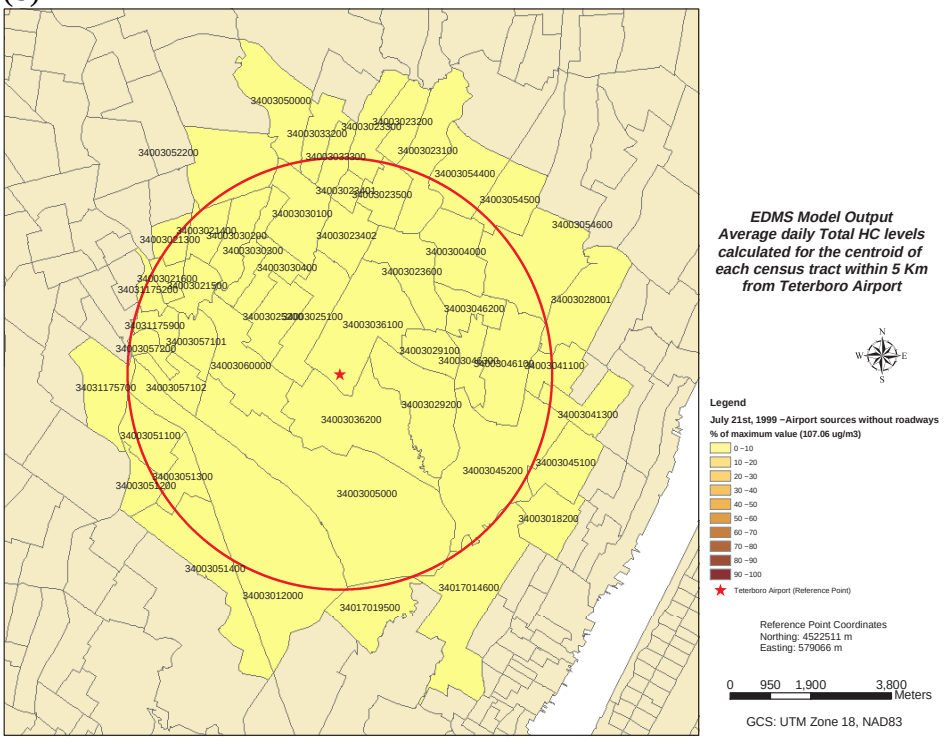
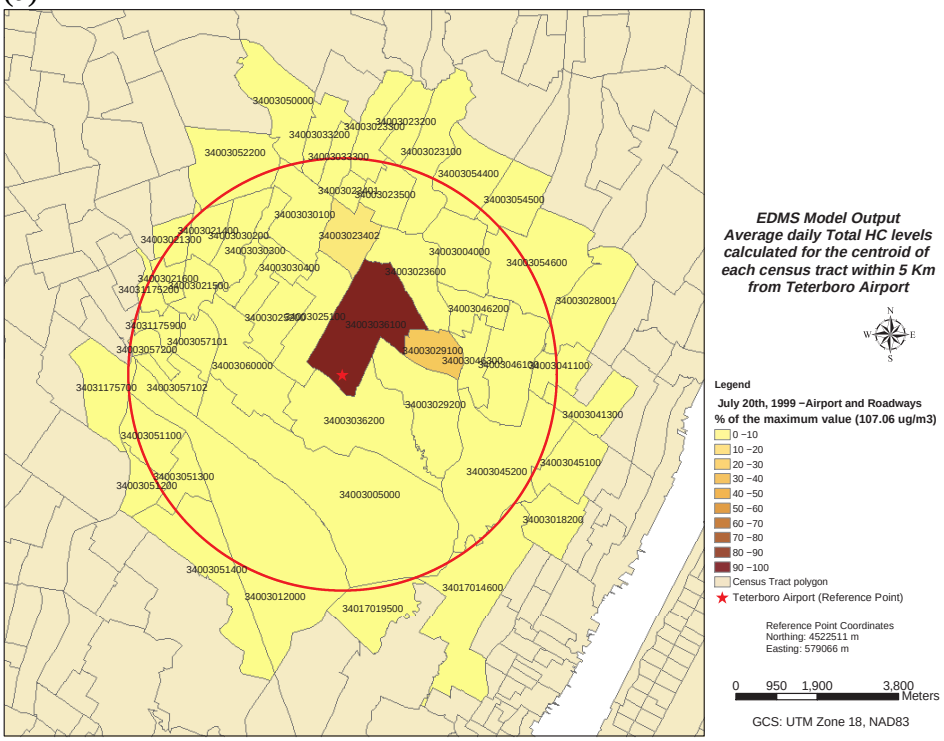


Figure 64. EDMS model output for July 21, 1999, with the receptor network representing all census tract centroids within 5km radius from Teterboro Airport (a) using airport and roadway emissions; (b) using airport emissions only

(a)



(b)

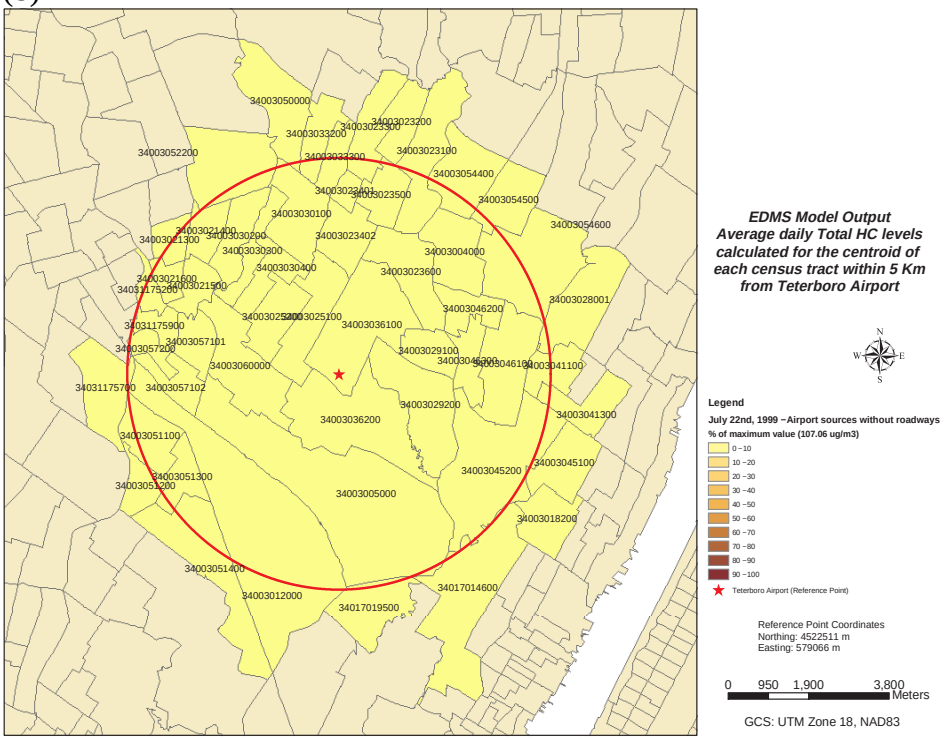
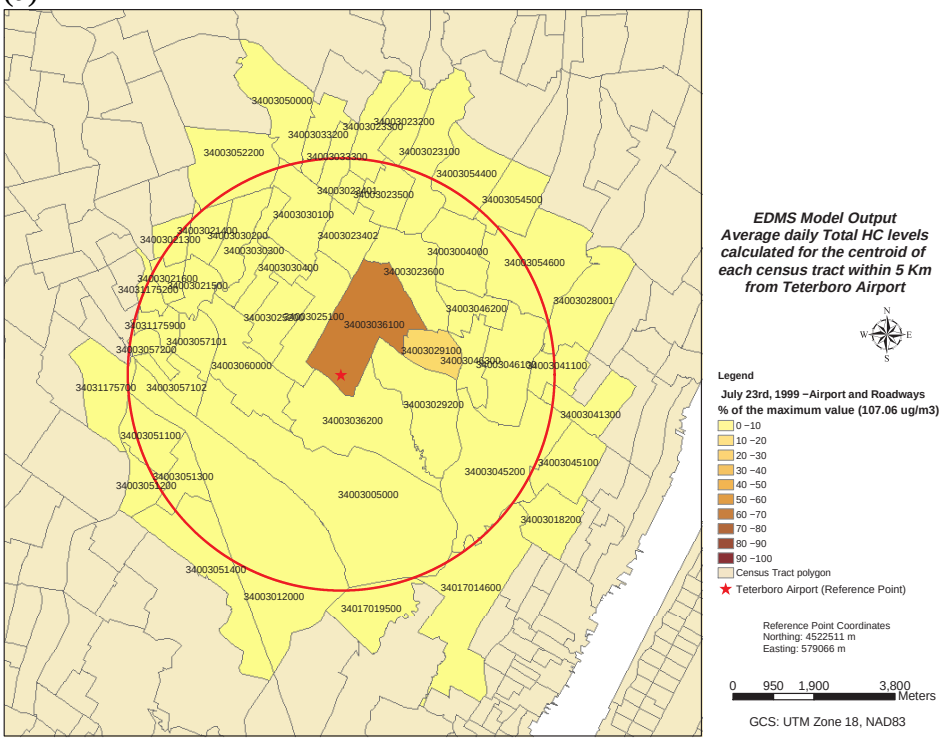


Figure 65. EDMS model output for July 22, 1999, with the receptor network representing all census tract centroids within 5km radius from Teterboro Airport (a) using airport and roadway emissions; (b) using airport emissions only

(a)



(b)

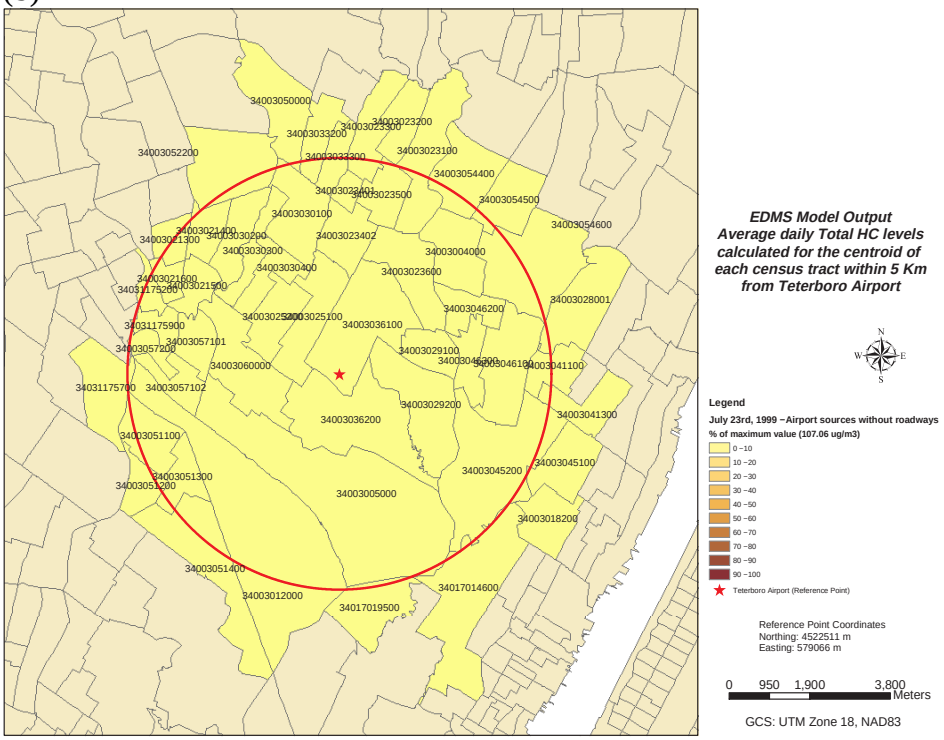
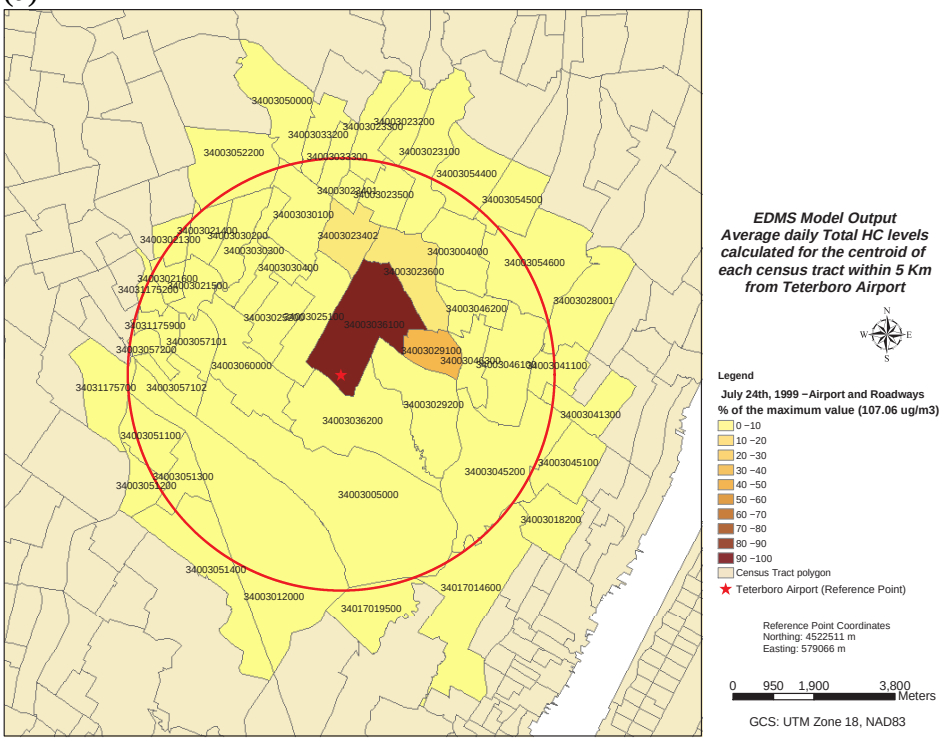


Figure 66. EDMS model output for July 23, 1999, with the receptor network representing all census tract centroids within 5km radius from Teterboro Airport (a) using airport and roadway emissions; (b) using airport emissions only

(a)



(b)

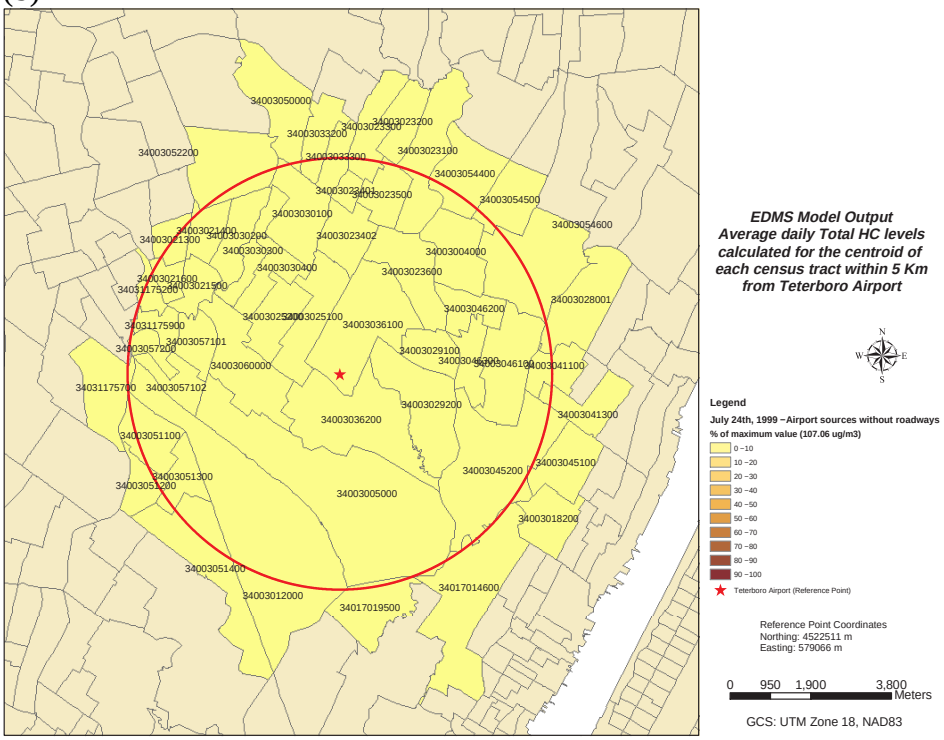
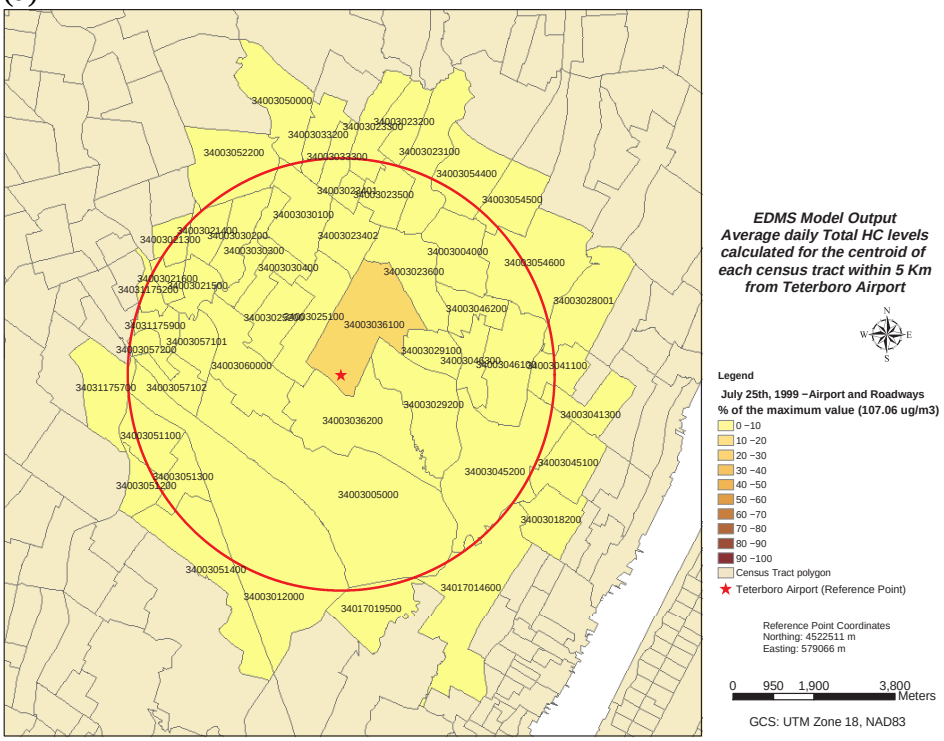


Figure 67. EDMS model output for July 24, 1999, with the receptor network representing all census tract centroids within 5km radius from Teterboro Airport (a) using airport and roadway emissions; (b) using airport emissions only

(a)



(b)

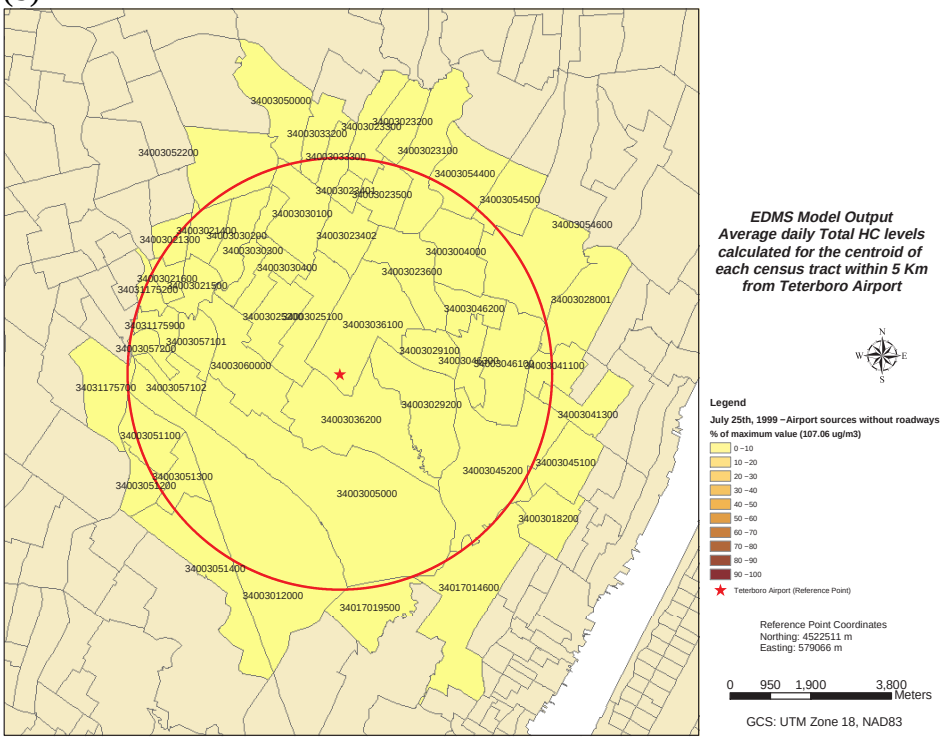
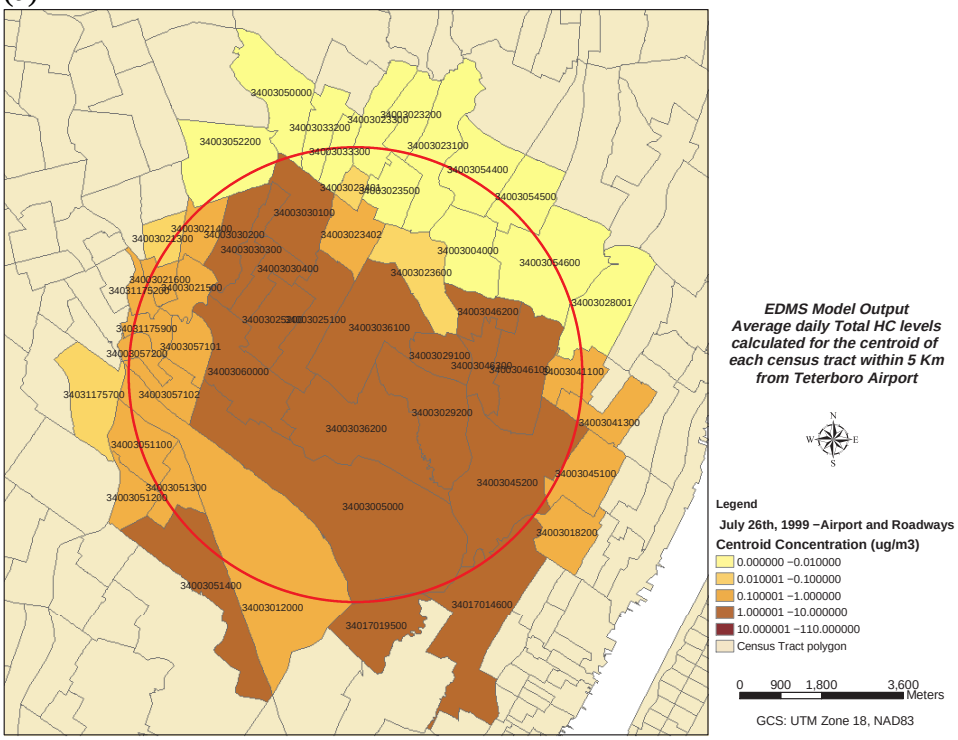


Figure 68. EDMS model output for July 25, 1999, with the receptor network representing all census tract centroids within 5km radius from Teterboro Airport (a) using airport and roadway emissions; (b) using airport emissions only

(a)



(b)

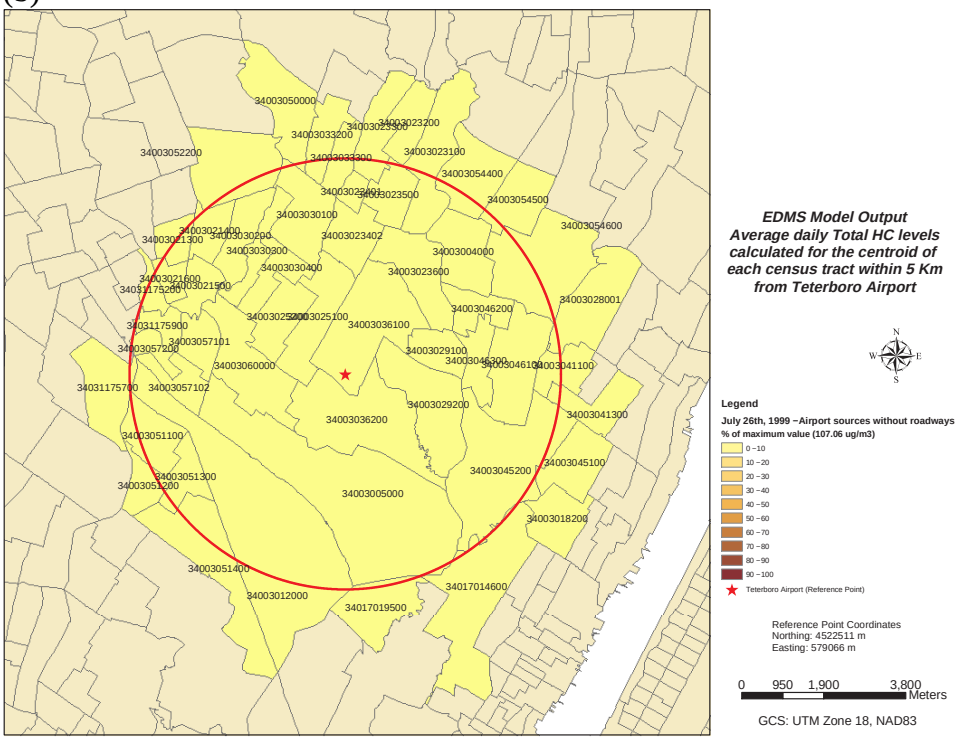
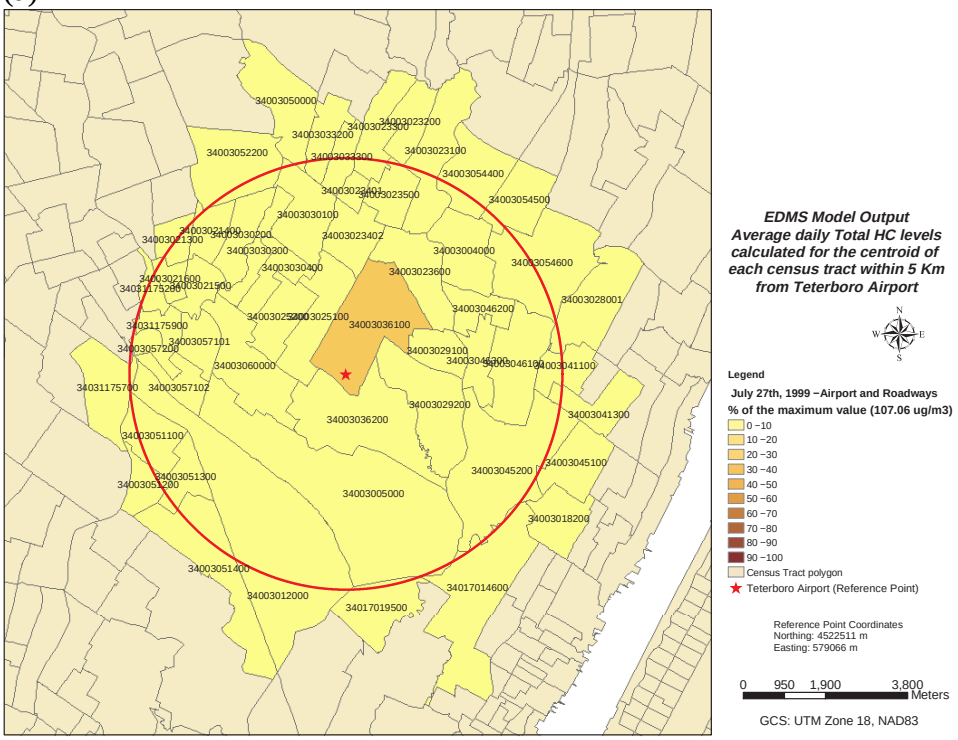


Figure 69. EDMS model output for July 26, 1999, with the receptor network representing all census tract centroids within 5km radius from Teterboro Airport (a) using airport and roadway emissions; (b) using airport emissions only

(a)



(b)

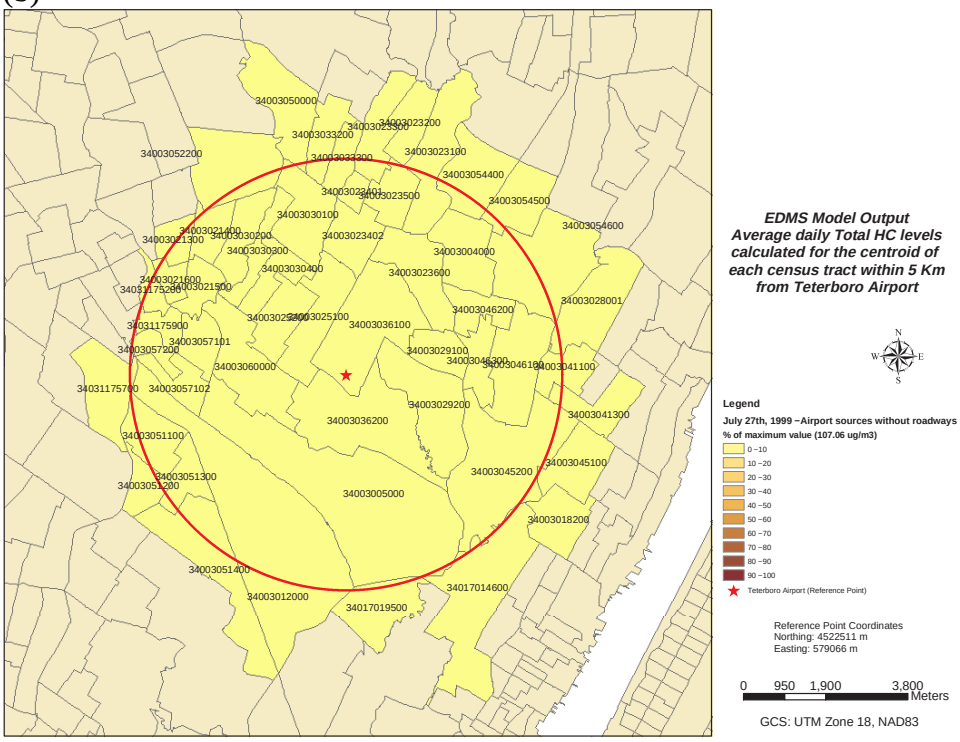


Figure 70. EDMS model output for July 27, 1999, with the receptor network representing all census tract centroids within 5km radius from Teterboro Airport (a) using airport and roadway emissions; (b) using airport emissions only

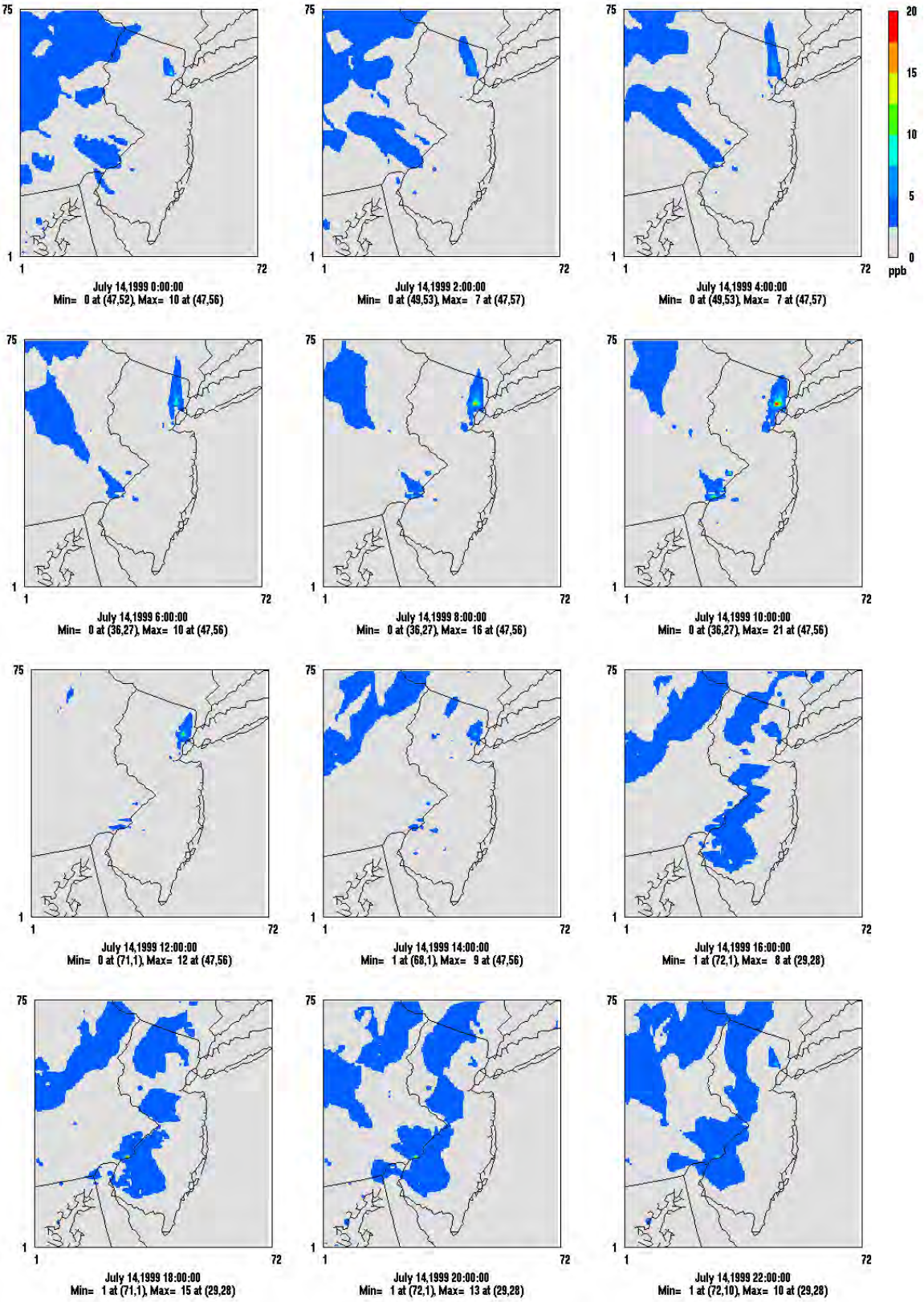


Figure 71. Temporal evolution of the spatial distribution of formaldehyde concentrations in the broader New Jersey area, calculated using Models-3/CMAQ for July 14, 1999

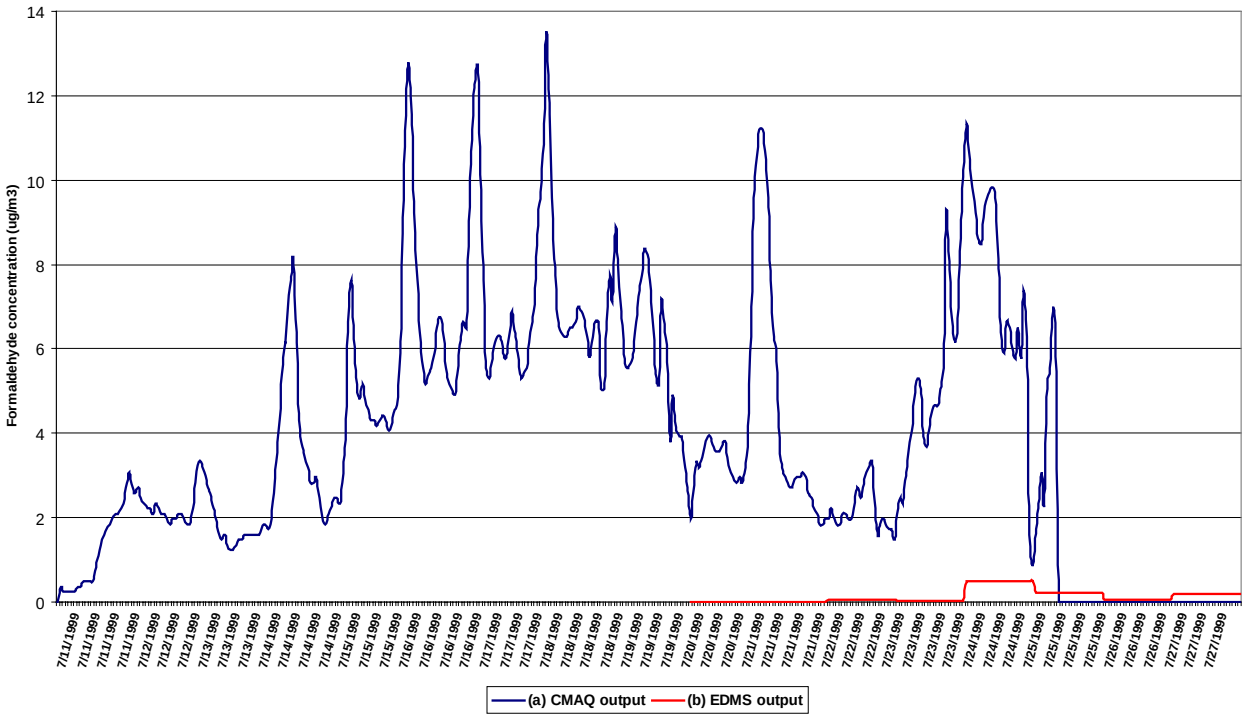


Figure 72. Timeseries of the ambient formaldehyde concentration estimates developed using (a) the CMAQ 4km resolution results for the grid cell that includes Teterboro Airport grid cell and (b) the EDMS results for the Moonachie census tract using Teterboro Airport sources only, speciated according to the USEPA methodology

4 DISCUSSION AND CONCLUSIONS

Modeling analyses were completed for year 1999 focusing on characterizing air quality with respect to the twelve air toxics (acetaldehyde, acrolein, benzene, 1,3-butadiene, ethylbenzene, formaldehyde, MTBE, naphthalene, propionaldehyde, styrene, toluene, and xylene) for the area within a 5km distance from Teterboro by considering, in addition to airport emissions, all emissions. The focus was on:

- Relative ranking of concentration levels in the area
- Spatial distribution and variability of ambient concentrations
- Relative contributions of different sources
- Variability of short-term to long-term averages

Limitations of the analysis performed are the:

- Uncertainties in emission inventories (though the inventories used represent available state-of-the-art)
- Simplified meteorology and physicochemical processes that could effect individual contaminant levels

Findings were as follows:

- Estimated total annual average concentration levels of individual air toxics were comparable to values estimated in the 1996 NATA (USEPA 2002) after accounting for increased emissions in the region 1996 and 1999
- Estimated total annual average concentration levels of individual air toxics in the area were comparable to the (short-term) measurements performed in 2000 at Teterboro (ENVIRON, 2000), after accounting for day-to-day variability
- Estimated air toxics concentrations are generally high, but consistent with the characteristics of the area modeled (Northeastern New Jersey)

The highest air toxics concentrations in the modeled area were generally found at locations not immediately adjacent to the airport but 2 to 4 miles to the east/southeast.

The relative contribution of Teterboro Airport operations to the ambient concentrations of air toxics in the modeled area was found to be minor, due to the presence of multiple other mobile, area, and point sources. In fact, Teterboro Airport's contribution to ambient air toxics concentration levels at 51 of the 53 census tracts within a 5 km radius from the airport estimated to be less than 1%. Naphthalene is an exception; however; its levels are very low (<0.1 mg/m^3; consistent with the 2000 ENVIRON measurements).

The contributions of airport operations to air toxics levels in the Moonachie and Teterboro census tracts are generally on the order of 1-5% (except for naphthalene). Higher contributions to the levels of aromatic hydrocarbons (up to a maximum of 17% for benzene in Moonachie) were estimated, if the national inventory estimates are not adjusted for actual fuel usage at Teterboro

airport. However, the actual levels of aromatic hydrocarbons should be closer to the estimates obtained with the adjusted inventory.

At any location there is significant day-to-day variability of individual air toxics levels and of the relative contributions of individual sources. The area modeled is clearly affected by a multitude of sources present in the region, and pollution patterns/levels are dominated by on-road mobile source emissions.

Future studies for further analysis of air quality issues in the area of Teterboro Airport can utilize the findings of the present modeling analysis, as summarized in the previous section and in the appendices that follow to further focus on issues of spatial and temporal variability of the impact from different source categories. In particular, field monitoring studies could utilize the patterns of concentration distributions identified in the present work in order to design monitor deployment.[20]

[20] Nevertheless, it should be clear that in order to characterize the contribution of airport operations to ambient air quality via field monitors, it is necessary to perform multiple, simultaneous, measurements of air toxics at both upwind and downwind locations relevant to the airport.

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APPENDIX A SUMMARY TABLES OF AIR TOXICS EMISSIONS FOR COUNTY SECTIONS LOCATED WITHIN A 25KM RADIUS FROM TETERBORO AIRPORT

These Emissions, from 1999 NEI base inventory, were used in the ASPEN annual modeling analysis.

APPENDIX B CALCULATED ANNUAL AVERAGE AMBIENT CONCENTRATIONS FOR EACH CENSUS TRACT LOCATED WITHIN 5KM FROM TETERBORO AIRPORT

Census tract IDs are shown on the map in Figure 4(b).

APPENDIX C CALCULATED PERCENTAGE CONTRIBUTIONS TO LOCAL ANNUAL AVERAGE AMBIENT CONCENTRATIONS OF AIR TOXICS FROM DIFFERENT EMISSION SOURCE CATEGORIES BASED ON 1999 NEI INVENTORY

APPENDIX D CALCULATED PERCENTAGE CONTRIBUTIONS TO LOCAL ANNUAL AVERAGE AMBIENT CONCENTRATIONS OF AIR TOXICS FROM DIFFERENT EMISSION SOURCE CATEGORIES BASED ON 1999 NEI ADJUSTED WITH LOCAL INFORMATION

APPENDIX E EDMS INPUT PARAMETERSFOR JULY 1999 STUDY

APPENDIX A. SUMMARY TABLES OF AIR TOXICS EMISSIONS FOR COUNTY SECTIONS LOCATED WITHIN A 25KM RADIUS FROM TETERBORO AIRPORT

These Emissions, from 1999 NEI base inventory, were used in the ASPEN annual modeling analysis.

Table A.1. Summary Emissions for ACETALDEHYDE (in tons/year*)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	2.540	52.368	31.199	0.000	0.323	86.429
HUDSON	NJ	1.105	36.815	18.237	0.205	0.000	56.363
ESSEX	NJ	0.924	51.786	19.016	0.001	33.180	104.907
MORRIS	NJ	0.052	6.461	3.320	0.000	0.000	9.833
PASSAIC	NJ	0.363	25.846	10.257	0.000	0.000	36.466
UNION	NJ	0.120	12.335	6.393	0.004	0.000	18.852
BRONX	NY	0.333	53.205	15.501	0.000	0.000	69.039
KINGS	NY	0.724	65.104	18.893	17.551	0.000	102.271
NEW YORK	NY	0.717	65.769	90.268	7.736	0.000	164.489
QUEENS	NY	0.451	47.054	30.710	2.441	27.420	108.075
RICHMOND	NY	0.041	1.176	2.122	0.000	0.000	3.338
ROCKLAND	NY	0.203	2.539	1.965	0.000	0.000	4.706
WESTCHESTER	NY	0.170	11.350	12.465	0.000	0.000	23.985

Table A.2. Summary Emissions for ACROLEIN (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	4.349	7.720	3.059	0.000	0.075	15.203
HUDSON	NJ	2.995	5.426	1.223	0.104	0.000	9.749
ESSEX	NJ	4.235	7.633	1.580	0.000	15.645	29.093
MORRIS	NJ	0.356	0.946	0.367	0.000	0.000	1.669
PASSAIC	NJ	2.123	3.810	0.785	0.000	0.000	6.719
UNION	NJ	0.963	1.816	0.474	0.000	0.000	3.253
BRONX	NY	12.127	7.946	1.098	0.000	0.000	21.172
KINGS	NY	14.739	9.703	1.484	0.000	0.000	25.926
NEW YORK	NY	15.759	9.822	6.816	0.000	0.000	32.397
QUEENS	NY	12.150	7.029	2.156	0.000	12.772	34.108
RICHMOND	NY	0.876	0.180	0.156	0.000	0.000	1.213
ROCKLAND	NY	0.276	0.378	0.199	0.000	0.000	0.853
WESTCHESTER	NY	1.424	1.701	0.979	0.000	0.000	4.104

* 1 ton = 2000 lbs

Table A.3. Summary Emissions for BENZENE (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	15.412	305.139	143.227	0.000	14.187	477.965
HUDSON	NJ	6.319	214.563	40.430	0.485	0.000	261.796
ESSEX	NJ	5.225	301.812	62.151	0.000	23.718	392.905
MORRIS	NJ	0.689	37.773	19.370	0.000	0.000	57.832
PASSAIC	NJ	2.408	150.632	32.437	0.000	0.000	185.476
UNION	NJ	3.274	71.939	16.886	0.002	0.000	92.101
BRONX	NY	52.179	305.135	32.707	0.712	0.000	390.733
KINGS	NY	99.388	374.071	53.933	7.130	0.000	534.522
NEW YORK	NY	235.170	377.193	214.905	3.143	0.000	830.410
QUEENS	NY	97.338	269.924	58.533	0.992	13.677	440.463
RICHMOND	NY	68.317	6.626	5.583	0.000	0.000	80.527
ROCKLAND	NY	12.339	14.583	11.084	0.150	0.000	38.156
WESTCHESTER	NY	34.038	65.060	35.215	0.000	0.000	134.313

Table A.4. Summary Emissions for _1_3_BUTADIENE (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	0.244	50.913	24.363	0.000	0.216	75.736
HUDSON	NJ	0.087	35.803	6.057	0.000	0.000	41.947
ESSEX	NJ	0.452	50.358	10.241	0.000	12.700	73.751
MORRIS	NJ	0.027	6.304	3.313	0.000	0.000	9.644
PASSAIC	NJ	0.126	25.132	5.344	0.000	0.000	30.602
UNION	NJ	0.075	12.003	2.658	0.000	0.000	14.736
BRONX	NY	124.787	51.191	5.041	0.000	0.000	181.019
KINGS	NY	108.811	62.741	9.021	0.000	0.000	180.573
NEW YORK	NY	109.178	63.280	35.883	0.000	0.000	208.341
QUEENS	NY	139.296	45.275	9.316	0.000	10.366	204.252
RICHMOND	NY	11.270	1.111	0.873	0.000	0.000	13.254
ROCKLAND	NY	7.625	2.447	1.842	0.000	0.000	11.914
WESTCHESTER	NY	64.436	10.906	5.740	0.000	0.000	81.082

Table A.5. Summary Emissions for ETHYLBENZENE (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	41.787	126.982	71.316	0.215	1.752	242.051
HUDSON	NJ	28.265	89.268	18.197	0.041	0.000	135.771
ESSEX	NJ	36.722	125.568	30.263	0.000	2.658	195.210
MORRIS	NJ	3.305	15.636	10.240	0.000	0.000	29.180
PASSAIC	NJ	20.746	62.683	14.914	3.725	0.000	102.068
UNION	NJ	9.114	29.910	8.065	0.000	0.000	47.089
BRONX	NY	36.529	128.139	14.849	0.402	0.000	179.918
KINGS	NY	61.437	156.971	24.080	0.373	0.000	242.860
NEW YORK	NY	263.197	158.398	90.318	0.000	0.000	511.914
QUEENS	NY	37.910	113.430	24.532	0.000	1.567	177.440
RICHMOND	NY	81.791	2.836	2.666	0.000	0.000	87.293
ROCKLAND	NY	2.565	6.110	5.802	0.000	0.000	14.476
WESTCHESTER	NY	15.509	27.434	16.919	0.000	0.000	59.862

Table A.6. Summary Emissions for FORMALDEHYDE (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	28.505	180.351	84.672	0.880	1.130	295.538
HUDSON	NJ	12.347	126.790	43.946	0.168	0.000	183.251
ESSEX	NJ	8.117	178.348	49.006	0.655	106.370	342.496
MORRIS	NJ	0.536	22.240	9.544	0.000	0.000	32.320
PASSAIC	NJ	2.549	89.015	26.340	0.000	0.000	117.904
UNION	NJ	1.333	42.480	15.923	0.085	0.000	59.821
BRONX	NY	6.357	185.072	37.683	0.000	0.000	229.112
KINGS	NY	11.864	226.460	47.681	209.109	0.000	495.114
NEW YORK	NY	16.429	228.777	221.970	92.746	0.000	559.923
QUEENS	NY	13.506	163.686	73.838	29.077	87.496	367.602
RICHMOND	NY	0.525	4.094	5.288	0.000	0.000	9.907
ROCKLAND	NY	1.334	8.829	5.634	0.319	0.000	16.115
WESTCHESTER	NY	1.788	39.493	31.254	0.000	0.000	72.535

Table A.7. Summary Emissions for MTBE (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	17.301	436.087	466.338	0.000	0.080	919.806
HUDSON	NJ	0.993	306.522	122.331	0.000	0.000	429.845
ESSEX	NJ	8.024	431.165	195.920	0.000	0.950	636.058
MORRIS	NJ	0.639	53.551	65.541	0.000	0.000	119.731
PASSAIC	NJ	0.787	215.275	98.353	0.000	0.000	314.415
UNION	NJ	2.711	102.671	51.840	0.089	0.000	157.310
BRONX	NY	1.536	436.064	95.165	0.000	0.000	532.764
KINGS	NY	7.486	534.180	157.498	0.000	0.000	699.164
NEW YORK	NY	4.975	539.040	586.166	0.000	0.000	1130.181
QUEENS	NY	3.349	386.263	155.827	0.000	1.163	546.602
RICHMOND	NY	0.070	9.747	17.286	0.000	0.000	27.103
ROCKLAND	NY	0.658	20.762	37.872	0.000	0.000	59.292
WESTCHESTER	NY	0.443	93.664	107.406	0.000	0.000	201.513

Table A.8. Summary Emissions for NAPHTHALENE (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	10.499	4.242	0.940	0.000	0.838	16.519
HUDSON	NJ	6.625	2.983	0.230	0.004	0.000	9.842
ESSEX	NJ	9.088	4.197	0.389	0.000	2.746	16.420
MORRIS	NJ	0.775	0.529	0.125	0.000	0.000	1.429
PASSAIC	NJ	5.137	2.094	0.204	0.008	0.000	7.442
UNION	NJ	2.119	1.001	0.105	0.000	0.000	3.226
BRONX	NY	33.964	4.247	0.203	0.000	0.000	38.414
KINGS	NY	34.548	5.216	0.351	0.000	0.000	40.115
NEW YORK	NY	55.670	5.250	1.461	0.000	0.000	62.381
QUEENS	NY	32.712	3.755	0.381	0.000	2.015	38.863
RICHMOND	NY	10.034	0.089	0.033	0.000	0.000	10.156
ROCKLAND	NY	3.518	0.204	0.069	0.000	0.000	3.791
WESTCHESTER	NY	14.447	0.901	0.226	0.000	0.000	15.574

Table A.9. Summary Emissions for PROPIONALDEHYDE (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	0.007	8.321	8.696	0.000	0.055	17.079
HUDSON	NJ	0.003	5.850	4.127	0.137	0.000	10.116
ESSEX	NJ	0.005	8.228	4.782	0.000	6.769	19.785
MORRIS	NJ	0.001	1.026	0.994	0.000	0.000	2.020
PASSAIC	NJ	0.010	4.107	2.522	0.000	0.000	6.638
UNION	NJ	0.002	1.960	1.532	0.000	0.000	3.493
BRONX	NY	0.003	8.451	3.576	0.000	0.000	12.030
KINGS	NY	0.005	10.337	4.697	0.000	0.000	15.039
NEW YORK	NY	0.012	10.447	21.978	0.000	0.000	32.436
QUEENS	NY	0.005	7.474	7.119	0.000	5.596	20.194
RICHMOND	NY	0.000	0.188	0.490	0.000	0.000	0.678
ROCKLAND	NY	0.001	0.403	0.565	0.000	0.000	0.969
WESTCHESTER	NY	0.002	1.804	3.059	0.000	0.000	4.866

Table A.10. Summary Emissions for STYRENE (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	0.759	24.556	3.365	0.000	0.063	28.743
HUDSON	NJ	0.512	17.268	1.036	0.009	0.000	18.826
ESSEX	NJ	0.664	24.290	1.372	0.000	2.794	29.120
MORRIS	NJ	0.073	3.043	0.475	0.000	0.000	3.591
PASSAIC	NJ	1.236	12.122	0.690	0.000	0.000	14.048
UNION	NJ	0.034	5.790	0.380	0.000	0.000	6.204
BRONX	NY	3.703	24.986	0.715	0.000	0.000	29.404
KINGS	NY	5.364	30.629	1.107	0.000	0.000	37.100
NEW YORK	NY	13.543	30.886	4.330	0.000	0.000	48.760
QUEENS	NY	4.814	22.097	1.218	0.000	2.282	30.411
RICHMOND	NY	3.620	0.541	0.136	0.000	0.000	4.298
ROCKLAND	NY	0.288	1.195	0.273	0.000	0.000	1.755
WESTCHESTER	NY	2.550	5.321	0.823	0.000	0.000	8.694

Table A.11. Summary Emissions for TOLUENE (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	348.686	826.249	282.081	6.148	21.173	1484.337
HUDSON	NJ	192.163	580.914	79.462	0.098	0.000	852.636
ESSEX	NJ	268.751	817.135	119.068	40.276	19.368	1264.598
MORRIS	NJ	26.921	101.975	40.051	0.000	0.000	168.948
PASSAIC	NJ	162.772	407.875	59.240	37.242	0.000	667.130
UNION	NJ	70.363	194.698	32.229	13.035	0.000	310.326
BRONX	NY	520.306	835.905	60.088	12.487	0.000	1428.786
KINGS	NY	727.359	1024.333	93.488	11.026	0.000	1856.206
NEW YORK	NY	1488.442	1033.303	348.019	0.000	0.000	2869.764
QUEENS	NY	572.328	739.730	96.148	0.000	7.415	1415.622
RICHMOND	NY	347.821	18.345	10.955	0.000	0.000	377.121
ROCKLAND	NY	31.098	39.897	23.421	71.189	0.000	165.605
WESTCHESTER	NY	203.936	178.640	67.118	0.000	0.000	449.694

Table A.12. Summary Emissions for XYLENE (in tons/year)

County	State	Area	On-Road	Non-Road	Point	Airport	Total
BERGEN	NJ	195.374	479.275	287.062	1.448	8.489	971.649
HUDSON	NJ	121.399	336.952	82.156	0.310	0.000	540.817
ESSEX	NJ	173.326	473.970	120.881	0.000	10.158	778.335
MORRIS	NJ	16.737	59.102	40.875	0.000	0.000	116.714
PASSAIC	NJ	91.019	236.592	59.419	20.241	0.000	407.270
UNION	NJ	40.447	112.920	32.555	0.000	0.000	185.922
BRONX	NY	615.057	484.397	60.828	1.055	0.000	1161.337
KINGS	NY	866.563	593.514	93.162	5.017	0.000	1558.256
NEW YORK	NY	1947.577	598.787	341.236	0.000	0.000	2887.600
QUEENS	NY	669.009	428.713	94.829	0.000	5.167	1197.717
RICHMOND	NY	472.482	10.664	11.205	0.000	0.000	494.352
ROCKLAND	NY	32.097	23.111	24.110	1.175	0.000	80.493
WESTCHESTER	NY	260.774	103.589	67.699	0.000	0.000	432.062

APPENDIX B CALCULATED ANNUAL AVERAGE AMBIENT CONCENTRATIONS FOR EACH CENSUS TRACT LOCATED WITHIN 5KM FROM TETERBORO AIRPORT

Census tract IDs are shown on the map in Figure 4(b).

Table B.1: Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.2957	34003025200	0.3397
34003023100	0.2495	34003046200	0.3752
34003023300	0.2403	34003060000	0.4209
34003023200	0.2568	34003046100	0.4048
34003033200	0.2647	34031175900	0.3665
34003033300	0.2517	34003057101	0.2772
34003054400	0.2150	34003046300	0.4579
34003052200	0.2493	34003057200	0.3282
34003023500	0.2956	34003029100	0.3163
34003030100	0.3622	34031175700	0.3920
34003054500	0.2286	34003029200	0.3085
34003023401	0.2912	34003041100	0.4123
34003030300	0.3147	34003057102	0.5745
34003030200	0.3085	34003012000	0.5498
34003023402	0.4284	34003036200	0.3535
34003021400	0.2491	34003005000	0.5410
34003004000	0.2635	34003041300	0.4493
34003054600	0.3488	34003045200	0.6776
34003021300	0.2487	34003051100	0.4087
34003023600	0.3444	34003045100	0.7738
34003030400	0.2908	34003051300	0.6208
34031175200	0.2929	34003051200	0.4644
34003028001	0.3415	34003018200	0.4360
34003025100	0.2779	34003051400	0.5227
34003021500	0.2735	34017014600	0.5985
34003021600	0.2855	34017019500	0.4190
34003036100	0.4348		

Table B.2: Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0581	34003025200	0.0730
34003023100	0.0566	34003046200	0.0757
34003023300	0.0534	34003060000	0.0839
34003023200	0.0580	34003046100	0.0790
34003033200	0.0557	34031175900	0.0789
34003033300	0.0533	34003057101	0.0605
34003054400	0.0500	34003046300	0.0906
34003052200	0.0520	34003057200	0.0678
34003023500	0.0674	34003029100	0.0696
34003030100	0.0693	34031175700	0.0786
34003054500	0.0522	34003029200	0.0681
34003023401	0.0632	34003041100	0.0872
34003030300	0.0689	34003057102	0.1094
34003030200	0.0679	34003012000	0.1019
34003023402	0.0834	34003036200	0.0773
34003021400	0.0542	34003005000	0.0998
34003004000	0.0595	34003041300	0.0961
34003054600	0.0698	34003045200	0.1251
34003021300	0.0540	34003051100	0.0815
34003023600	0.0730	34003045100	0.1558
34003030400	0.0629	34003051300	0.1169
34031175200	0.0649	34003051200	0.0905
34003028001	0.0718	34003018200	0.0951
34003025100	0.0595	34003051400	0.0982
34003021500	0.0604	34017014600	0.1263
34003021600	0.0619	34017019500	0.0881
34003036100	0.0878		

Table B.3: Annual Average Ambient Concentrations of Air Toxic (BENZENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	2.3700	34003025200	2.5350
34003023100	2.1075	34003046200	2.8129
34003023300	2.0044	34003060000	3.0552
34003023200	2.0467	34003046100	3.0252
34003033200	2.1992	34031175900	2.4872
34003033300	2.0385	34003057101	2.0612
34003054400	1.8598	34003046300	3.2838
34003052200	2.0289	34003057200	2.3317
34003023500	2.2729	34003029100	2.5313
34003030100	2.7276	34031175700	2.7702
34003054500	1.9142	34003029200	2.4759
34003023401	2.1755	34003041100	2.9818
34003030300	2.2491	34003057102	3.9089
34003030200	2.2014	34003012000	3.7881
34003023402	3.1594	34003036200	3.0851
34003021400	1.8880	34003005000	3.7553
34003004000	2.1191	34003041300	3.1404
34003054600	2.6850	34003045200	4.5950
34003021300	1.8647	34003051100	2.9230
34003023600	2.7162	34003045100	5.0743
34003030400	2.1738	34003051300	4.1411
34031175200	2.0439	34003051200	3.2649
34003028001	2.6115	34003018200	3.0804
34003025100	2.2422	34003051400	3.6582
34003021500	2.0328	34017014600	3.9599
34003021600	2.0294	34017019500	2.9831
34003036100	3.4014		

Table B.4: Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.1817	34003025200	0.1744
34003023100	0.1317	34003046200	0.2266
34003023300	0.1130	34003060000	0.2684
34003023200	0.1257	34003046100	0.2616
34003033200	0.1445	34031175900	0.2087
34003033300	0.1163	34003057101	0.1314
34003054400	0.0957	34003046300	0.2938
34003052200	0.1315	34003057200	0.1784
34003023500	0.1500	34003029100	0.1585
34003030100	0.2298	34031175700	0.2512
34003054500	0.1057	34003029200	0.1527
34003023401	0.1361	34003041100	0.2357
34003030300	0.1549	34003057102	0.4147
34003030200	0.1513	34003012000	0.3920
34003023402	0.2891	34003036200	0.1962
34003021400	0.1114	34003005000	0.3861
34003004000	0.1328	34003041300	0.2641
34003054600	0.2178	34003045200	0.4993
34003021300	0.1116	34003051100	0.2649
34003023600	0.2005	34003045100	0.5737
34003030400	0.1348	34003051300	0.4373
34031175200	0.1391	34003051200	0.3131
34003028001	0.2004	34003018200	0.2417
34003025100	0.1376	34003051400	0.3529
34003021500	0.1309	34017014600	0.3677
34003021600	0.1328	34017019500	0.1962
34003036100	0.2900		

Table B.5: Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.9072	34003025200	1.0044
34003023100	0.8168	34003046200	1.0932
34003023300	0.7596	34003060000	1.2211
34003023200	0.8033	34003046100	1.1801
34003033200	0.8502	34031175900	1.0517
34003033300	0.7664	34003057101	0.7998
34003054400	0.6906	34003046300	1.3234
34003052200	0.7552	34003057200	0.9135
34003023500	0.9160	34003029100	0.9662
34003030100	1.0427	34031175700	1.0971
34003054500	0.7252	34003029200	0.9531
34003023401	0.8552	34003041100	1.2323
34003030300	0.9147	34003057102	1.6297
34003030200	0.8951	34003012000	1.5366
34003023402	1.2386	34003036200	1.1321
34003021400	0.7199	34003005000	1.5134
34003004000	0.8200	34003041300	1.3188
34003054600	1.0351	34003045200	1.9196
34003021300	0.7094	34003051100	1.1665
34003023600	1.0554	34003045100	2.2623
34003030400	0.8471	34003051300	1.7249
34031175200	0.8356	34003051200	1.3009
34003028001	1.0250	34003018200	1.3143
34003025100	0.8363	34003051400	1.4507
34003021500	0.7997	34017014600	1.7078
34003021600	0.8050	34017019500	1.1549
34003036100	1.3314		

Table B.6: Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	1.2501	34003025200	1.3831
34003023100	1.0765	34003046200	1.5169
34003023300	1.0575	34003060000	1.6647
34003023200	1.0989	34003046100	1.6343
34003033200	1.1430	34031175900	1.4417
34003033300	1.0909	34003057101	1.1676
34003054400	0.9741	34003046300	1.7913
34003052200	1.0860	34003057200	1.3310
34003023500	1.2223	34003029100	1.3045
34003030100	1.4759	34031175700	1.5758
34003054500	1.0212	34003029200	1.2866
34003023401	1.2083	34003041100	1.6400
34003030300	1.2796	34003057102	2.1741
34003030200	1.2566	34003012000	2.1139
34003023402	1.6916	34003036200	1.4240
34003021400	1.0723	34003005000	2.0894
34003004000	1.1363	34003041300	1.7696
34003054600	1.4419	34003045200	2.5461
34003021300	1.0669	34003051100	1.6370
34003023600	1.4008	34003045100	2.8439
34003030400	1.2211	34003051300	2.3427
34031175200	1.1982	34003051200	1.8352
34003028001	1.4175	34003018200	1.7413
34003025100	1.1897	34003051400	2.0498
34003021500	1.1462	34017014600	2.3178
34003021600	1.1740	34017019500	1.7061
34003036100	1.6963		

Table B.7: Annual Average Ambient Concentrations of Air Toxic (MTBE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	3.3693	34003025200	3.4336
34003023100	2.9636	34003046200	3.5222
34003023300	2.5936	34003060000	4.3163
34003023200	2.7287	34003046100	3.7907
34003033200	3.1540	34031175900	3.4392
34003033300	2.6608	34003057101	2.6517
34003054400	2.2566	34003046300	4.3405
34003052200	2.6867	34003057200	3.0397
34003023500	3.0800	34003029100	3.1863
34003030100	3.6378	34031175700	3.5582
34003054500	2.3311	34003029200	3.1772
34003023401	2.7916	34003041100	3.9429
34003030300	3.0931	34003057102	5.7124
34003030200	3.0214	34003012000	5.4308
34003023402	4.2604	34003036200	3.9105
34003021400	2.3988	34003005000	5.3675
34003004000	2.6371	34003041300	4.0441
34003054600	3.3316	34003045200	6.4359
34003021300	2.3409	34003051100	3.8932
34003023600	3.6816	34003045100	7.4861
34003030400	2.8165	34003051300	6.0224
34031175200	2.6833	34003051200	4.4077
34003028001	3.2118	34003018200	3.9649
34003025100	2.8645	34003051400	5.0260
34003021500	2.7426	34017014600	5.2099
34003021600	2.6569	34017019500	3.7155
34003036100	4.7549		

Table B.8: Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0542	34003025200	0.0784
34003023100	0.0565	34003046200	0.0829
34003023300	0.0626	34003060000	0.0777
34003023200	0.0707	34003046100	0.0785
34003033200	0.0556	34031175900	0.0825
34003033300	0.0598	34003057101	0.0664
34003054400	0.0593	34003046300	0.0952
34003052200	0.0499	34003057200	0.0746
34003023500	0.0821	34003029100	0.0827
34003030100	0.0648	34031175700	0.0806
34003054500	0.0594	34003029200	0.0715
34003023401	0.0777	34003041100	0.0921
34003030300	0.0842	34003057102	0.0965
34003030200	0.0834	34003012000	0.0818
34003023402	0.0829	34003036200	0.0920
34003021400	0.0629	34003005000	0.0798
34003004000	0.0671	34003041300	0.1096
34003054600	0.0715	34003045200	0.1055
34003021300	0.0629	34003051100	0.0761
34003023600	0.0792	34003045100	0.1321
34003030400	0.0752	34003051300	0.1022
34031175200	0.0815	34003051200	0.0809
34003028001	0.0751	34003018200	0.1042
34003025100	0.0618	34003051400	0.0844
34003021500	0.0679	34017014600	0.1115
34003021600	0.0762	34017019500	0.0781
34003036100	0.0866		

Table B.9: Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0561	34003025200	0.0635
34003023100	0.0519	34003046200	0.0662
34003023300	0.0458	34003060000	0.0787
34003023200	0.0505	34003046100	0.0695
34003033200	0.0522	34031175900	0.0687
34003033300	0.0478	34003057101	0.0519
34003054400	0.0408	34003046300	0.0811
34003052200	0.0474	34003057200	0.0597
34003023500	0.0585	34003029100	0.0593
34003030100	0.0650	34031175700	0.0673
34003054500	0.0429	34003029200	0.0584
34003023401	0.0549	34003041100	0.0746
34003030300	0.0602	34003057102	0.1044
34003030200	0.0592	34003012000	0.0981
34003023402	0.0779	34003036200	0.0727
34003021400	0.0466	34003005000	0.0967
34003004000	0.0492	34003041300	0.0795
34003054600	0.0607	34003045200	0.1193
34003021300	0.0464	34003051100	0.0713
34003023600	0.0659	34003045100	0.1413
34003030400	0.0534	34003051300	0.1116
34031175200	0.0548	34003051200	0.0802
34003028001	0.0598	34003018200	0.0778
34003025100	0.0516	34003051400	0.0907
34003021500	0.0528	34017014600	0.1038
34003021600	0.0541	34017019500	0.0717
34003036100	0.0870		

Table B.10: Annual Average Ambient Concentrations of Air Toxic (STYRENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0694	34003025200	0.0655
34003023100	0.0377	34003046200	0.0931
34003023300	0.0395	34003060000	0.1040
34003023200	0.0417	34003046100	0.1096
34003033200	0.0493	34031175900	0.0841
34003033300	0.0416	34003057101	0.0491
34003054400	0.0314	34003046300	0.1205
34003052200	0.0485	34003057200	0.0733
34003023500	0.0500	34003029100	0.0554
34003030100	0.0959	34031175700	0.1121
34003054500	0.0349	34003029200	0.0512
34003023401	0.0505	34003041100	0.0861
34003030300	0.0564	34003057102	0.1730
34003030200	0.0552	34003012000	0.1657
34003023402	0.1192	34003036200	0.0550
34003021400	0.0420	34003005000	0.1624
34003004000	0.0473	34003041300	0.0992
34003054600	0.0902	34003045200	0.2063
34003021300	0.0435	34003051100	0.1145
34003023600	0.0726	34003045100	0.2261
34003030400	0.0517	34003051300	0.1837
34031175200	0.0558	34003051200	0.1372
34003028001	0.0777	34003018200	0.0845
34003025100	0.0507	34003051400	0.1522
34003021500	0.0460	34017014600	0.1485
34003021600	0.0505	34017019500	0.0780
34003036100	0.0989		

Table B.11: Annual Average Ambient Concentrations of Air Toxic (TOLUENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	5.5475	34003025200	6.3705
34003023100	4.8964	34003046200	6.9885
34003023300	4.7242	34003060000	7.5728
34003023200	4.9935	34003046100	7.4800
34003033200	5.1307	34031175900	6.6245
34003033300	4.7721	34003057101	5.1301
34003054400	4.3018	34003046300	8.4060
34003052200	4.6704	34003057200	5.9559
34003023500	5.7399	34003029100	6.1781
34003030100	6.5862	34031175700	7.2673
34003054500	4.4738	34003029200	5.9431
34003023401	5.4449	34003041100	7.6709
34003030300	5.9152	34003057102	10.1723
34003030200	5.7944	34003012000	9.6265
34003023402	7.8297	34003036200	7.1804
34003021400	4.6466	34003005000	9.4595
34003004000	5.1123	34003041300	8.3924
34003054600	6.5358	34003045200	11.8524
34003021300	4.6225	34003051100	7.4754
34003023600	6.5713	34003045100	13.5794
34003030400	5.5255	34003051300	10.8619
34031175200	5.5237	34003051200	8.4051
34003028001	6.4285	34003018200	8.1452
34003025100	5.3008	34003051400	9.2480
34003021500	5.1311	34017014600	10.5454
34003021600	5.2654	34017019500	7.4262
34003036100	8.0758		

Table B.12: Annual Average Ambient Concentrations of Air Toxic (XYLENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	3.6234	34003025200	4.0419
34003023100	3.4570	34003046200	4.4740
34003023300	3.0634	34003060000	4.7925
34003023200	3.2782	34003046100	4.8381
34003033200	3.4461	34031175900	4.1853
34003033300	3.0798	34003057101	3.2384
34003054400	2.8673	34003046300	5.4044
34003052200	3.0125	34003057200	3.7133
34003023500	3.7704	34003029100	4.0515
34003030100	4.1267	34031175700	4.3401
34003054500	3.0142	34003029200	3.9034
34003023401	3.4473	34003041100	5.1586
34003030300	3.7908	34003057102	6.3777
34003030200	3.7128	34003012000	5.9940
34003023402	4.8944	34003036200	4.6115
34003021400	2.9167	34003005000	5.8969
34003004000	3.3843	34003041300	5.5609
34003054600	4.2318	34003045200	7.7472
34003021300	2.8850	34003051100	4.6291
34003023600	4.2555	34003045100	8.9518
34003030400	3.4514	34003051300	6.7759
34031175200	3.5001	34003051200	5.1370
34003028001	4.2980	34003018200	5.5907
34003025100	3.3904	34003051400	5.7587
34003021500	3.3275	34017014600	6.9467
34003021600	3.3385	34017019500	4.6878
34003036100	5.2853		

Table B.13: Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.2953	34003025200	0.3389
34003023100	0.2475	34003046200	0.3732
34003023300	0.2390	34003060000	0.4191
34003023200	0.2554	34003046100	0.4034
34003033200	0.2639	34031175900	0.3661
34003033300	0.2506	34003057101	0.2765
34003054400	0.2136	34003046300	0.4561
34003052200	0.2492	34003057200	0.3277
34003023500	0.2934	34003029100	0.3126
34003030100	0.3615	34031175700	0.3916
34003054500	0.2278	34003029200	0.3054
34003023401	0.2896	34003041100	0.4115
34003030300	0.3144	34003057102	0.5738
34003030200	0.3082	34003012000	0.5494
34003023402	0.4260	34003036200	0.3413
34003021400	0.2489	34003005000	0.5405
34003004000	0.2621	34003041300	0.4487
34003054600	0.3477	34003045200	0.6770
34003021300	0.2485	34003051100	0.4084
34003023600	0.3404	34003045100	0.7733
34003030400	0.2904	34003051300	0.6200
34031175200	0.2926	34003051200	0.4639
34003028001	0.3408	34003018200	0.4354
34003025100	0.2767	34003051400	0.5214
34003021500	0.2731	34017014600	0.5974
34003021600	0.2852	34017019500	0.4173
34003036100	0.4272		

Table B.14: Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0580	34003025200	0.0728
34003023100	0.0561	34003046200	0.0752
34003023300	0.0530	34003060000	0.0835
34003023200	0.0577	34003046100	0.0786
34003033200	0.0555	34031175900	0.0788
34003033300	0.0530	34003057101	0.0604
34003054400	0.0496	34003046300	0.0902
34003052200	0.0519	34003057200	0.0677
34003023500	0.0668	34003029100	0.0687
34003030100	0.0692	34031175700	0.0785
34003054500	0.0520	34003029200	0.0673
34003023401	0.0628	34003041100	0.0870
34003030300	0.0688	34003057102	0.1092
34003030200	0.0678	34003012000	0.1018
34003023402	0.0828	34003036200	0.0745
34003021400	0.0542	34003005000	0.0997
34003004000	0.0592	34003041300	0.0959
34003054600	0.0695	34003045200	0.1250
34003021300	0.0539	34003051100	0.0815
34003023600	0.0720	34003045100	0.1557
34003030400	0.0628	34003051300	0.1167
34031175200	0.0648	34003051200	0.0904
34003028001	0.0716	34003018200	0.0949
34003025100	0.0592	34003051400	0.0979
34003021500	0.0603	34017014600	0.1260
34003021600	0.0619	34017019500	0.0877
34003036100	0.0860		

Table B.15: Annual Average Ambient Concentrations of Air Toxic (BENZENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	2.3499	34003025200	2.4982
34003023100	2.0127	34003046200	2.7192
34003023300	1.9399	34003060000	2.9728
34003023200	1.9805	34003046100	2.9574
34003033200	2.1610	34031175900	2.4675
34003033300	1.9850	34003057101	2.0292
34003054400	1.7902	34003046300	3.1967
34003052200	2.0206	34003057200	2.3069
34003023500	2.1647	34003029100	2.3601
34003030100	2.6947	34031175700	2.7518
34003054500	1.8752	34003029200	2.3282
34003023401	2.0979	34003041100	2.9452
34003030300	2.2339	34003057102	3.8749
34003030200	2.1888	34003012000	3.7722
34003023402	3.0432	34003036200	2.5395
34003021400	1.8779	34003005000	3.7316
34003004000	2.0536	34003041300	3.1132
34003054600	2.6341	34003045200	4.5678
34003021300	1.8542	34003051100	2.9093
34003023600	2.5271	34003045100	5.0542
34003030400	2.1528	34003051300	4.1017
34031175200	2.0290	34003051200	3.2430
34003028001	2.5744	34003018200	3.0520
34003025100	2.1874	34003051400	3.5938
34003021500	2.0165	34017014600	3.9095
34003021600	2.0153	34017019500	2.8997
34003036100	3.0504		

Table B.16: Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.1815	34003025200	0.1741
34003023100	0.1310	34003046200	0.2258
34003023300	0.1126	34003060000	0.2676
34003023200	0.1253	34003046100	0.2610
34003033200	0.1443	34031175900	0.2085
34003033300	0.1160	34003057101	0.1311
34003054400	0.0952	34003046300	0.2930
34003052200	0.1315	34003057200	0.1782
34003023500	0.1492	34003029100	0.1567
34003030100	0.2295	34031175700	0.2511
34003054500	0.1054	34003029200	0.1510
34003023401	0.1355	34003041100	0.2354
34003030300	0.1547	34003057102	0.4144
34003030200	0.1512	34003012000	0.3919
34003023402	0.2882	34003036200	0.1889
34003021400	0.1113	34003005000	0.3859
34003004000	0.1322	34003041300	0.2640
34003054600	0.2175	34003045200	0.4991
34003021300	0.1115	34003051100	0.2648
34003023600	0.1988	34003045100	0.5735
34003030400	0.1346	34003051300	0.4370
34031175200	0.1390	34003051200	0.3129
34003028001	0.2001	34003018200	0.2415
34003025100	0.1370	34003051400	0.3525
34003021500	0.1307	34017014600	0.3674
34003021600	0.1327	34017019500	0.1956
34003036100	0.2859		

Table B.17: Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.9048	34003025200	0.9999
34003023100	0.8053	34003046200	1.0818
34003023300	0.7519	34003060000	1.2110
34003023200	0.7953	34003046100	1.1719
34003033200	0.8456	34031175900	1.0494
34003033300	0.7600	34003057101	0.7960
34003054400	0.6822	34003046300	1.3128
34003052200	0.7542	34003057200	0.9105
34003023500	0.9029	34003029100	0.9453
34003030100	1.0387	34031175700	1.0949
34003054500	0.7205	34003029200	0.9351
34003023401	0.8458	34003041100	1.2279
34003030300	0.9129	34003057102	1.6256
34003030200	0.8936	34003012000	1.5347
34003023402	1.2246	34003036200	1.0651
34003021400	0.7187	34003005000	1.5105
34003004000	0.8121	34003041300	1.3155
34003054600	1.0290	34003045200	1.9163
34003021300	0.7082	34003051100	1.1649
34003023600	1.0324	34003045100	2.2598
34003030400	0.8445	34003051300	1.7201
34031175200	0.8338	34003051200	1.2983
34003028001	1.0205	34003018200	1.3108
34003025100	0.8296	34003051400	1.4429
34003021500	0.7977	34017014600	1.7018
34003021600	0.8033	34017019500	1.1449
34003036100	1.2886		

Table B.18: Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	1.2487	34003025200	1.3804
34003023100	1.0695	34003046200	1.5099
34003023300	1.0527	34003060000	1.6585
34003023200	1.0940	34003046100	1.6293
34003033200	1.1402	34031175900	1.4402
34003033300	1.0869	34003057101	1.1652
34003054400	0.9690	34003046300	1.7849
34003052200	1.0854	34003057200	1.3291
34003023500	1.2143	34003029100	1.2917
34003030100	1.4735	34031175700	1.5744
34003054500	1.0183	34003029200	1.2754
34003023401	1.2026	34003041100	1.6373
34003030300	1.2785	34003057102	2.1716
34003030200	1.2557	34003012000	2.1127
34003023402	1.6830	34003036200	1.3815
34003021400	1.0716	34003005000	2.0876
34003004000	1.1314	34003041300	1.7676
34003054600	1.4382	34003045200	2.5441
34003021300	1.0662	34003051100	1.6360
34003023600	1.3866	34003045100	2.8424
34003030400	1.2196	34003051300	2.3397
34031175200	1.1971	34003051200	1.8335
34003028001	1.4148	34003018200	1.7393
34003025100	1.1855	34003051400	2.0450
34003021500	1.1450	34017014600	2.3141
34003021600	1.1730	34017019500	1.7000
34003036100	1.6696		

Table B.19: Annual Average Ambient Concentrations of Air Toxic (MTBE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	3.3692	34003025200	3.4334
34003023100	2.9632	34003046200	3.5218
34003023300	2.5933	34003060000	4.3159
34003023200	2.7285	34003046100	3.7904
34003033200	3.1538	34031175900	3.4391
34003033300	2.6606	34003057101	2.6515
34003054400	2.2564	34003046300	4.3402
34003052200	2.6866	34003057200	3.0396
34003023500	3.0795	34003029100	3.1856
34003030100	3.6377	34031175700	3.5581
34003054500	2.3310	34003029200	3.1765
34003023401	2.7913	34003041100	3.9428
34003030300	3.0930	34003057102	5.7123
34003030200	3.0214	34003012000	5.4307
34003023402	4.2600	34003036200	3.9075
34003021400	2.3988	34003005000	5.3674
34003004000	2.6368	34003041300	4.0440
34003054600	3.3314	34003045200	6.4358
34003021300	2.3408	34003051100	3.8931
34003023600	3.6808	34003045100	7.4860
34003030400	2.8164	34003051300	6.0222
34031175200	2.6832	34003051200	4.4076
34003028001	3.2117	34003018200	3.9648
34003025100	2.8642	34003051400	5.0257
34003021500	2.7425	34017014600	5.2097
34003021600	2.6568	34017019500	3.7152
34003036100	4.7534		

Table B.20: Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0531	34003025200	0.0763
34003023100	0.0512	34003046200	0.0777
34003023300	0.0591	34003060000	0.0730
34003023200	0.0671	34003046100	0.0748
34003033200	0.0535	34031175900	0.0814
34003033300	0.0569	34003057101	0.0646
34003054400	0.0555	34003046300	0.0903
34003052200	0.0495	34003057200	0.0732
34003023500	0.0761	34003029100	0.0731
34003030100	0.0630	34031175700	0.0796
34003054500	0.0573	34003029200	0.0631
34003023401	0.0734	34003041100	0.0901
34003030300	0.0833	34003057102	0.0947
34003030200	0.0827	34003012000	0.0809
34003023402	0.0765	34003036200	0.0603
34003021400	0.0623	34003005000	0.0785
34003004000	0.0634	34003041300	0.1081
34003054600	0.0687	34003045200	0.1040
34003021300	0.0624	34003051100	0.0753
34003023600	0.0686	34003045100	0.1309
34003030400	0.0740	34003051300	0.1000
34031175200	0.0806	34003051200	0.0796
34003028001	0.0731	34003018200	0.1027
34003025100	0.0586	34003051400	0.0809
34003021500	0.0670	34017014600	0.1088
34003021600	0.0754	34017019500	0.0735
34003036100	0.0666		

Table B.21: Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0560	34003025200	0.0634
34003023100	0.0515	34003046200	0.0658
34003023300	0.0456	34003060000	0.0784
34003023200	0.0502	34003046100	0.0693
34003033200	0.0520	34031175900	0.0687
34003033300	0.0476	34003057101	0.0518
34003054400	0.0406	34003046300	0.0808
34003052200	0.0474	34003057200	0.0596
34003023500	0.0581	34003029100	0.0587
34003030100	0.0649	34031175700	0.0672
34003054500	0.0428	34003029200	0.0579
34003023401	0.0546	34003041100	0.0745
34003030300	0.0601	34003057102	0.1043
34003030200	0.0591	34003012000	0.0981
34003023402	0.0775	34003036200	0.0707
34003021400	0.0466	34003005000	0.0966
34003004000	0.0490	34003041300	0.0794
34003054600	0.0605	34003045200	0.1192
34003021300	0.0463	34003051100	0.0712
34003023600	0.0652	34003045100	0.1413
34003030400	0.0533	34003051300	0.1115
34031175200	0.0547	34003051200	0.0801
34003028001	0.0597	34003018200	0.0777
34003025100	0.0514	34003051400	0.0905
34003021500	0.0528	34017014600	0.1037
34003021600	0.0540	34017019500	0.0715
34003036100	0.0857		

Table B.22: Annual Average Ambient Concentrations of Air Toxic (STYRENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0694	34003025200	0.0654
34003023100	0.0375	34003046200	0.0929
34003023300	0.0394	34003060000	0.1037
34003023200	0.0416	34003046100	0.1094
34003033200	0.0493	34031175900	0.0840
34003033300	0.0415	34003057101	0.0490
34003054400	0.0313	34003046300	0.1202
34003052200	0.0485	34003057200	0.0732
34003023500	0.0498	34003029100	0.0549
34003030100	0.0958	34031175700	0.1120
34003054500	0.0348	34003029200	0.0508
34003023401	0.0503	34003041100	0.0860
34003030300	0.0564	34003057102	0.1729
34003030200	0.0551	34003012000	0.1657
34003023402	0.1190	34003036200	0.0528
34003021400	0.0419	34003005000	0.1623
34003004000	0.0471	34003041300	0.0992
34003054600	0.0901	34003045200	0.2062
34003021300	0.0435	34003051100	0.1145
34003023600	0.0721	34003045100	0.2260
34003030400	0.0517	34003051300	0.1836
34031175200	0.0558	34003051200	0.1371
34003028001	0.0776	34003018200	0.0845
34003025100	0.0505	34003051400	0.1521
34003021500	0.0460	34017014600	0.1485
34003021600	0.0504	34017019500	0.0779
34003036100	0.0978		

Table B.23: Annual Average Ambient Concentrations of Air Toxic (TOLUENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	5.5182	34003025200	6.3161
34003023100	4.7575	34003046200	6.8503
34003023300	4.6298	34003060000	7.4511
34003023200	4.8968	34003046100	7.3803
34003033200	5.0748	34031175900	6.5957
34003033300	4.6935	34003057101	5.0831
34003054400	4.1999	34003046300	8.2775
34003052200	4.6583	34003057200	5.9196
34003023500	5.5811	34003029100	5.9250
34003030100	6.5378	34031175700	7.2404
34003054500	4.4166	34003029200	5.7243
34003023401	5.3310	34003041100	7.6172
34003030300	5.8927	34003057102	10.1225
34003030200	5.7759	34003012000	9.6030
34003023402	7.6586	34003036200	6.3697
34003021400	4.6317	34003005000	9.4246
34003004000	5.0157	34003041300	8.3525
34003054600	6.4610	34003045200	11.8123
34003021300	4.6072	34003051100	7.4553
34003023600	6.2926	34003045100	13.5499
34003030400	5.4945	34003051300	10.8039
34031175200	5.5018	34003051200	8.3729
34003028001	6.3741	34003018200	8.1035
34003025100	5.2196	34003051400	9.1537
34003021500	5.1072	34017014600	10.4719
34003021600	5.2446	34017019500	7.3041
34003036100	7.5560		

Table B.24: Annual Average Ambient Concentrations of Air Toxic (XYLENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro airport emissions (based on 1999 NEI Inventory)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	3.6121	34003025200	4.0204
34003023100	3.4027	34003046200	4.4196
34003023300	3.0265	34003060000	4.7444
34003023200	3.2405	34003046100	4.7989
34003033200	3.4242	34031175900	4.1740
34003033300	3.0490	34003057101	3.2199
34003054400	2.8274	34003046300	5.3537
34003052200	3.0078	34003057200	3.6991
34003023500	3.7081	34003029100	3.9514
34003030100	4.1077	34031175700	4.3296
34003054500	2.9917	34003029200	3.8167
34003023401	3.4026	34003041100	5.1376
34003030300	3.7819	34003057102	6.3582
34003030200	3.7055	34003012000	5.9848
34003023402	4.8272	34003036200	4.2885
34003021400	2.9108	34003005000	5.8832
34003004000	3.3463	34003041300	5.5453
34003054600	4.2024	34003045200	7.7315
34003021300	2.8790	34003051100	4.6212
34003023600	4.1457	34003045100	8.9402
34003030400	3.4391	34003051300	6.7531
34031175200	3.4915	34003051200	5.1244
34003028001	4.2768	34003018200	5.5743
34003025100	3.3582	34003051400	5.7218
34003021500	3.3182	34017014600	6.9181
34003021600	3.3304	34017019500	4.6401
34003036100	5.0792		

Table B.25: Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.2957	34003025200	0.3397
34003023100	0.2495	34003046200	0.3752
34003023300	0.2403	34003060000	0.4209
34003023200	0.2568	34003046100	0.4048
34003033200	0.2647	34031175900	0.3665
34003033300	0.2517	34003057101	0.2772
34003054400	0.2150	34003046300	0.4579
34003052200	0.2493	34003057200	0.3282
34003023500	0.2956	34003029100	0.3163
34003030100	0.3622	34031175700	0.3920
34003054500	0.2286	34003029200	0.3085
34003023401	0.2912	34003041100	0.4123
34003030300	0.3147	34003057102	0.5745
34003030200	0.3085	34003012000	0.5498
34003023402	0.4284	34003036200	0.3535
34003021400	0.2491	34003005000	0.5410
34003004000	0.2635	34003041300	0.4493
34003054600	0.3488	34003045200	0.6776
34003021300	0.2487	34003051100	0.4087
34003023600	0.3444	34003045100	0.7738
34003030400	0.2908	34003051300	0.6208
34031175200	0.2929	34003051200	0.4644
34003028001	0.3415	34003018200	0.4360
34003025100	0.2779	34003051400	0.5227
34003021500	0.2735	34017014600	0.5985
34003021600	0.2855	34017019500	0.4190
34003036100	0.4348		

Table B.26: Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0581	34003025200	0.0730
34003023100	0.0566	34003046200	0.0757
34003023300	0.0534	34003060000	0.0839
34003023200	0.0580	34003046100	0.0790
34003033200	0.0557	34031175900	0.0789
34003033300	0.0533	34003057101	0.0605
34003054400	0.0500	34003046300	0.0906
34003052200	0.0520	34003057200	0.0678
34003023500	0.0674	34003029100	0.0696
34003030100	0.0693	34031175700	0.0786
34003054500	0.0522	34003029200	0.0681
34003023401	0.0632	34003041100	0.0872
34003030300	0.0689	34003057102	0.1094
34003030200	0.0679	34003012000	0.1019
34003023402	0.0834	34003036200	0.0773
34003021400	0.0542	34003005000	0.0998
34003004000	0.0595	34003041300	0.0961
34003054600	0.0698	34003045200	0.1251
34003021300	0.0540	34003051100	0.0815
34003023600	0.0730	34003045100	0.1558
34003030400	0.0629	34003051300	0.1169
34031175200	0.0649	34003051200	0.0905
34003028001	0.0718	34003018200	0.0951
34003025100	0.0595	34003051400	0.0982
34003021500	0.0604	34017014600	0.1263
34003021600	0.0619	34017019500	0.0881
34003036100	0.0878		

Table B.27: Annual Average Ambient Concentrations of Air Toxic (BENZENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	2.3511	34003025200	2.5004
34003023100	2.0182	34003046200	2.7246
34003023300	1.9437	34003060000	2.9777
34003023200	1.9844	34003046100	2.9613
34003033200	2.1632	34031175900	2.4687
34003033300	1.9881	34003057101	2.0312
34003054400	1.7943	34003046300	3.2017
34003052200	2.0211	34003057200	2.3084
34003023500	2.1710	34003029100	2.3700
34003030100	2.6966	34031175700	2.7529
34003054500	1.8775	34003029200	2.3369
34003023401	2.1024	34003041100	2.9473
34003030300	2.2347	34003057102	3.8769
34003030200	2.1895	34003012000	3.7731
34003023402	3.0499	34003036200	2.5725
34003021400	1.8784	34003005000	3.7330
34003004000	2.0574	34003041300	3.1148
34003054600	2.6370	34003045200	4.5693
34003021300	1.8548	34003051100	2.9101
34003023600	2.5381	34003045100	5.0554
34003030400	2.1540	34003051300	4.1040
34031175200	2.0299	34003051200	3.2442
34003028001	2.5765	34003018200	3.0536
34003025100	2.1907	34003051400	3.5976
34003021500	2.0175	34017014600	3.9125
34003021600	2.0161	34017019500	2.9046
34003036100	3.0710		

Table B.28: Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.1817	34003025200	0.1744
34003023100	0.1317	34003046200	0.2266
34003023300	0.1130	34003060000	0.2684
34003023200	0.1257	34003046100	0.2616
34003033200	0.1445	34031175900	0.2087
34003033300	0.1163	34003057101	0.1314
34003054400	0.0957	34003046300	0.2938
34003052200	0.1315	34003057200	0.1784
34003023500	0.1500	34003029100	0.1585
34003030100	0.2298	34031175700	0.2512
34003054500	0.1057	34003029200	0.1527
34003023401	0.1361	34003041100	0.2357
34003030300	0.1549	34003057102	0.4147
34003030200	0.1513	34003012000	0.3920
34003023402	0.2891	34003036200	0.1962
34003021400	0.1114	34003005000	0.3861
34003004000	0.1328	34003041300	0.2641
34003054600	0.2178	34003045200	0.4993
34003021300	0.1116	34003051100	0.2649
34003023600	0.2005	34003045100	0.5737
34003030400	0.1348	34003051300	0.4373
34031175200	0.1391	34003051200	0.3131
34003028001	0.2004	34003018200	0.2417
34003025100	0.1376	34003051400	0.3529
34003021500	0.1309	34017014600	0.3677
34003021600	0.1328	34017019500	0.1962
34003036100	0.2900		

Table B.29: Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.9057	34003025200	1.0015
34003023100	0.8094	34003046200	1.0859
34003023300	0.7547	34003060000	1.2147
34003023200	0.7982	34003046100	1.1748
34003033200	0.8472	34031175900	1.0502
34003033300	0.7623	34003057101	0.7974
34003054400	0.6852	34003046300	1.3166
34003052200	0.7546	34003057200	0.9116
34003023500	0.9076	34003029100	0.9528
34003030100	1.0401	34031175700	1.0957
34003054500	0.7222	34003029200	0.9416
34003023401	0.8492	34003041100	1.2295
34003030300	0.9136	34003057102	1.6271
34003030200	0.8941	34003012000	1.5354
34003023402	1.2296	34003036200	1.0896
34003021400	0.7192	34003005000	1.5115
34003004000	0.8149	34003041300	1.3167
34003054600	1.0312	34003045200	1.9175
34003021300	0.7086	34003051100	1.1655
34003023600	1.0407	34003045100	2.2607
34003030400	0.8454	34003051300	1.7218
34031175200	0.8344	34003051200	1.2992
34003028001	1.0221	34003018200	1.3121
34003025100	0.8320	34003051400	1.4457
34003021500	0.7984	34017014600	1.7040
34003021600	0.8039	34017019500	1.1485
34003036100	1.3041		

Table B.30: Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	1.2501	34003025200	1.3831
34003023100	1.0765	34003046200	1.5169
34003023300	1.0575	34003060000	1.6647
34003023200	1.0989	34003046100	1.6343
34003033200	1.1430	34031175900	1.4417
34003033300	1.0909	34003057101	1.1676
34003054400	0.9741	34003046300	1.7913
34003052200	1.0860	34003057200	1.3310
34003023500	1.2223	34003029100	1.3045
34003030100	1.4759	34031175700	1.5758
34003054500	1.0212	34003029200	1.2866
34003023401	1.2083	34003041100	1.6400
34003030300	1.2796	34003057102	2.1741
34003030200	1.2566	34003012000	2.1139
34003023402	1.6916	34003036200	1.4240
34003021400	1.0723	34003005000	2.0894
34003004000	1.1363	34003041300	1.7696
34003054600	1.4419	34003045200	2.5461
34003021300	1.0669	34003051100	1.6370
34003023600	1.4008	34003045100	2.8439
34003030400	1.2211	34003051300	2.3427
34031175200	1.1982	34003051200	1.8352
34003028001	1.4175	34003018200	1.7413
34003025100	1.1897	34003051400	2.0498
34003021500	1.1462	34017014600	2.3178
34003021600	1.1740	34017019500	1.7061
34003036100	1.6963		

Table B.31: Annual Average Ambient Concentrations of Air Toxic (MTBE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	3.3693	34003025200	3.4336
34003023100	2.9636	34003046200	3.5222
34003023300	2.5936	34003060000	4.3163
34003023200	2.7287	34003046100	3.7907
34003033200	3.1540	34031175900	3.4392
34003033300	2.6608	34003057101	2.6517
34003054400	2.2566	34003046300	4.3405
34003052200	2.6867	34003057200	3.0397
34003023500	3.0800	34003029100	3.1863
34003030100	3.6378	34031175700	3.5582
34003054500	2.3311	34003029200	3.1772
34003023401	2.7916	34003041100	3.9429
34003030300	3.0931	34003057102	5.7124
34003030200	3.0214	34003012000	5.4308
34003023402	4.2604	34003036200	3.9105
34003021400	2.3988	34003005000	5.3675
34003004000	2.6371	34003041300	4.0441
34003054600	3.3316	34003045200	6.4359
34003021300	2.3409	34003051100	3.8932
34003023600	3.6816	34003045100	7.4861
34003030400	2.8165	34003051300	6.0224
34031175200	2.6833	34003051200	4.4077
34003028001	3.2118	34003018200	3.9649
34003025100	2.8645	34003051400	5.0260
34003021500	2.7426	34017014600	5.2099
34003021600	2.6569	34017019500	3.7155
34003036100	4.7549		

Table B.32: Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0538	34003025200	0.0777
34003023100	0.0547	34003046200	0.0812
34003023300	0.0614	34003060000	0.0761
34003023200	0.0695	34003046100	0.0772
34003033200	0.0548	34031175900	0.0821
34003033300	0.0588	34003057101	0.0658
34003054400	0.0580	34003046300	0.0935
34003052200	0.0498	34003057200	0.0741
34003023500	0.0800	34003029100	0.0794
34003030100	0.0642	34031175700	0.0803
34003054500	0.0587	34003029200	0.0687
34003023401	0.0762	34003041100	0.0914
34003030300	0.0839	34003057102	0.0959
34003030200	0.0831	34003012000	0.0815
34003023402	0.0807	34003036200	0.0814
34003021400	0.0627	34003005000	0.0793
34003004000	0.0658	34003041300	0.1091
34003054600	0.0705	34003045200	0.1050
34003021300	0.0627	34003051100	0.0758
34003023600	0.0756	34003045100	0.1317
34003030400	0.0748	34003051300	0.1015
34031175200	0.0812	34003051200	0.0805
34003028001	0.0744	34003018200	0.1037
34003025100	0.0607	34003051400	0.0832
34003021500	0.0676	34017014600	0.1106
34003021600	0.0760	34017019500	0.0765
34003036100	0.0798		

Table B.33: Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0561	34003025200	0.0635
34003023100	0.0519	34003046200	0.0662
34003023300	0.0458	34003060000	0.0787
34003023200	0.0505	34003046100	0.0695
34003033200	0.0522	34031175900	0.0687
34003033300	0.0478	34003057101	0.0519
34003054400	0.0408	34003046300	0.0811
34003052200	0.0474	34003057200	0.0597
34003023500	0.0585	34003029100	0.0593
34003030100	0.0650	34031175700	0.0673
34003054500	0.0429	34003029200	0.0584
34003023401	0.0549	34003041100	0.0746
34003030300	0.0602	34003057102	0.1044
34003030200	0.0592	34003012000	0.0981
34003023402	0.0779	34003036200	0.0727
34003021400	0.0466	34003005000	0.0967
34003004000	0.0492	34003041300	0.0795
34003054600	0.0607	34003045200	0.1193
34003021300	0.0464	34003051100	0.0713
34003023600	0.0659	34003045100	0.1413
34003030400	0.0534	34003051300	0.1116
34031175200	0.0548	34003051200	0.0802
34003028001	0.0598	34003018200	0.0778
34003025100	0.0516	34003051400	0.0907
34003021500	0.0528	34017014600	0.1038
34003021600	0.0541	34017019500	0.0717
34003036100	0.0870		

Table B.34: Annual Average Ambient Concentrations of Air Toxic (STYRENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0694	34003025200	0.0655
34003023100	0.0377	34003046200	0.0931
34003023300	0.0395	34003060000	0.1040
34003023200	0.0417	34003046100	0.1096
34003033200	0.0493	34031175900	0.0841
34003033300	0.0416	34003057101	0.0491
34003054400	0.0314	34003046300	0.1205
34003052200	0.0485	34003057200	0.0733
34003023500	0.0500	34003029100	0.0554
34003030100	0.0959	34031175700	0.1121
34003054500	0.0349	34003029200	0.0512
34003023401	0.0505	34003041100	0.0861
34003030300	0.0564	34003057102	0.1730
34003030200	0.0552	34003012000	0.1657
34003023402	0.1192	34003036200	0.0550
34003021400	0.0420	34003005000	0.1624
34003004000	0.0473	34003041300	0.0992
34003054600	0.0902	34003045200	0.2063
34003021300	0.0435	34003051100	0.1145
34003023600	0.0726	34003045100	0.2261
34003030400	0.0517	34003051300	0.1837
34031175200	0.0558	34003051200	0.1372
34003028001	0.0777	34003018200	0.0845
34003025100	0.0507	34003051400	0.1522
34003021500	0.0460	34017014600	0.1485
34003021600	0.0505	34017019500	0.0780
34003036100	0.0989		

Table B.35: Annual Average Ambient Concentrations of Air Toxic (TOLUENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	5.5220	34003025200	6.3231
34003023100	4.7753	34003046200	6.8679
34003023300	4.6418	34003060000	7.4669
34003023200	4.9091	34003046100	7.3930
34003033200	5.0819	34031175900	6.5994
34003033300	4.7035	34003057101	5.0892
34003054400	4.2129	34003046300	8.2939
34003052200	4.6599	34003057200	5.9243
34003023500	5.6014	34003029100	5.9574
34003030100	6.5441	34031175700	7.2439
34003054500	4.4239	34003029200	5.7524
34003023401	5.3455	34003041100	7.6240
34003030300	5.8956	34003057102	10.1289
34003030200	5.7782	34003012000	9.6061
34003023402	7.6804	34003036200	6.4762
34003021400	4.6335	34003005000	9.4292
34003004000	5.0280	34003041300	8.3576
34003054600	6.4705	34003045200	11.8174
34003021300	4.6091	34003051100	7.4579
34003023600	6.3285	34003045100	13.5537
34003030400	5.4984	34003051300	10.8114
34031175200	5.5047	34003051200	8.3771
34003028001	6.3810	34003018200	8.1088
34003025100	5.2302	34003051400	9.1659
34003021500	5.1103	34017014600	10.4814
34003021600	5.2473	34017019500	7.3197
34003036100	7.6230		

Table B.36: Annual Average Ambient Concentrations of Air Toxic (XYLENE) calculated by ASPEN for each of 53 Census Tracts located within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	3.6160	34003025200	4.0277
34003023100	3.4213	34003046200	4.4381
34003023300	3.0391	34003060000	4.7609
34003023200	3.2534	34003046100	4.8123
34003033200	3.4317	34031175900	4.1779
34003033300	3.0595	34003057101	3.2263
34003054400	2.8410	34003046300	5.3710
34003052200	3.0094	34003057200	3.7040
34003023500	3.7294	34003029100	3.9856
34003030100	4.1142	34031175700	4.3332
34003054500	2.9994	34003029200	3.8464
34003023401	3.4179	34003041100	5.1448
34003030300	3.7850	34003057102	6.3649
34003030200	3.7080	34003012000	5.9880
34003023402	4.8501	34003036200	4.4002
34003021400	2.9128	34003005000	5.8879
34003004000	3.3593	34003041300	5.5507
34003054600	4.2125	34003045200	7.7368
34003021300	2.8811	34003051100	4.6239
34003023600	4.1833	34003045100	8.9442
34003030400	3.4433	34003051300	6.7609
34031175200	3.4945	34003051200	5.1287
34003028001	4.2840	34003018200	5.5799
34003025100	3.3693	34003051400	5.7345
34003021500	3.3214	34017014600	6.9279
34003021600	3.3332	34017019500	4.6564
34003036100	5.1499		

Table B.37: Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.2953	34003025200	0.3389
34003023100	0.2475	34003046200	0.3732
34003023300	0.2390	34003060000	0.4191
34003023200	0.2554	34003046100	0.4034
34003033200	0.2639	34031175900	0.3661
34003033300	0.2506	34003057101	0.2765
34003054400	0.2136	34003046300	0.4561
34003052200	0.2492	34003057200	0.3277
34003023500	0.2934	34003029100	0.3126
34003030100	0.3615	34031175700	0.3916
34003054500	0.2278	34003029200	0.3054
34003023401	0.2896	34003041100	0.4115
34003030300	0.3144	34003057102	0.5738
34003030200	0.3082	34003012000	0.5494
34003023402	0.4260	34003036200	0.3413
34003021400	0.2489	34003005000	0.5405
34003004000	0.2621	34003041300	0.4487
34003054600	0.3477	34003045200	0.6770
34003021300	0.2485	34003051100	0.4084
34003023600	0.3404	34003045100	0.7733
34003030400	0.2904	34003051300	0.6200
34031175200	0.2926	34003051200	0.4639
34003028001	0.3408	34003018200	0.4354
34003025100	0.2767	34003051400	0.5214
34003021500	0.2731	34017014600	0.5974
34003021600	0.2852	34017019500	0.4173
34003036100	0.4272		

Table B.38: Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0580	34003025200	0.0728
34003023100	0.0561	34003046200	0.0752
34003023300	0.0530	34003060000	0.0835
34003023200	0.0577	34003046100	0.0786
34003033200	0.0555	34031175900	0.0788
34003033300	0.0530	34003057101	0.0604
34003054400	0.0496	34003046300	0.0902
34003052200	0.0519	34003057200	0.0677
34003023500	0.0668	34003029100	0.0687
34003030100	0.0692	34031175700	0.0785
34003054500	0.0520	34003029200	0.0673
34003023401	0.0628	34003041100	0.0870
34003030300	0.0688	34003057102	0.1092
34003030200	0.0678	34003012000	0.1018
34003023402	0.0828	34003036200	0.0745
34003021400	0.0542	34003005000	0.0997
34003004000	0.0592	34003041300	0.0959
34003054600	0.0695	34003045200	0.1250
34003021300	0.0539	34003051100	0.0815
34003023600	0.0720	34003045100	0.1557
34003030400	0.0628	34003051300	0.1167
34031175200	0.0648	34003051200	0.0904
34003028001	0.0716	34003018200	0.0949
34003025100	0.0592	34003051400	0.0979
34003021500	0.0603	34017014600	0.1260
34003021600	0.0619	34017019500	0.0877
34003036100	0.0860		

Table B.39: Annual Average Ambient Concentrations of Air Toxic (BENZENE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	2.3499	34003025200	2.4982
34003023100	2.0127	34003046200	2.7192
34003023300	1.9399	34003060000	2.9728
34003023200	1.9805	34003046100	2.9574
34003033200	2.1610	34031175900	2.4675
34003033300	1.9850	34003057101	2.0292
34003054400	1.7902	34003046300	3.1967
34003052200	2.0206	34003057200	2.3069
34003023500	2.1647	34003029100	2.3601
34003030100	2.6947	34031175700	2.7518
34003054500	1.8752	34003029200	2.3282
34003023401	2.0979	34003041100	2.9452
34003030300	2.2339	34003057102	3.8749
34003030200	2.1888	34003012000	3.7722
34003023402	3.0432	34003036200	2.5395
34003021400	1.8779	34003005000	3.7316
34003004000	2.0536	34003041300	3.1132
34003054600	2.6341	34003045200	4.5678
34003021300	1.8542	34003051100	2.9093
34003023600	2.5271	34003045100	5.0542
34003030400	2.1528	34003051300	4.1017
34031175200	2.0290	34003051200	3.2430
34003028001	2.5744	34003018200	3.0520
34003025100	2.1874	34003051400	3.5938
34003021500	2.0165	34017014600	3.9095
34003021600	2.0153	34017019500	2.8997
34003036100	3.0504		

Table B.40: Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.1815	34003025200	0.1741
34003023100	0.1310	34003046200	0.2258
34003023300	0.1126	34003060000	0.2676
34003023200	0.1253	34003046100	0.2610
34003033200	0.1443	34031175900	0.2085
34003033300	0.1160	34003057101	0.1311
34003054400	0.0952	34003046300	0.2930
34003052200	0.1315	34003057200	0.1782
34003023500	0.1492	34003029100	0.1567
34003030100	0.2295	34031175700	0.2511
34003054500	0.1054	34003029200	0.1510
34003023401	0.1355	34003041100	0.2354
34003030300	0.1547	34003057102	0.4144
34003030200	0.1512	34003012000	0.3919
34003023402	0.2882	34003036200	0.1889
34003021400	0.1113	34003005000	0.3859
34003004000	0.1322	34003041300	0.2640
34003054600	0.2175	34003045200	0.4991
34003021300	0.1115	34003051100	0.2648
34003023600	0.1988	34003045100	0.5735
34003030400	0.1346	34003051300	0.4370
34031175200	0.1390	34003051200	0.3129
34003028001	0.2001	34003018200	0.2415
34003025100	0.1370	34003051400	0.3525
34003021500	0.1307	34017014600	0.3674
34003021600	0.1327	34017019500	0.1956
34003036100	0.2859		

Table B.41: Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.9048	34003025200	0.9999
34003023100	0.8053	34003046200	1.0818
34003023300	0.7519	34003060000	1.2110
34003023200	0.7953	34003046100	1.1719
34003033200	0.8456	34031175900	1.0494
34003033300	0.7600	34003057101	0.7960
34003054400	0.6822	34003046300	1.3128
34003052200	0.7542	34003057200	0.9105
34003023500	0.9029	34003029100	0.9453
34003030100	1.0387	34031175700	1.0949
34003054500	0.7205	34003029200	0.9351
34003023401	0.8458	34003041100	1.2279
34003030300	0.9129	34003057102	1.6256
34003030200	0.8936	34003012000	1.5347
34003023402	1.2246	34003036200	1.0651
34003021400	0.7187	34003005000	1.5105
34003004000	0.8121	34003041300	1.3155
34003054600	1.0290	34003045200	1.9163
34003021300	0.7082	34003051100	1.1649
34003023600	1.0324	34003045100	2.2598
34003030400	0.8445	34003051300	1.7201
34031175200	0.8338	34003051200	1.2983
34003028001	1.0205	34003018200	1.3108
34003025100	0.8296	34003051400	1.4429
34003021500	0.7977	34017014600	1.7018
34003021600	0.8033	34017019500	1.1449
34003036100	1.2886		

Table B.42: Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	1.2487	34003025200	1.3804
34003023100	1.0695	34003046200	1.5099
34003023300	1.0527	34003060000	1.6585
34003023200	1.0940	34003046100	1.6293
34003033200	1.1402	34031175900	1.4402
34003033300	1.0869	34003057101	1.1652
34003054400	0.9690	34003046300	1.7849
34003052200	1.0854	34003057200	1.3291
34003023500	1.2143	34003029100	1.2917
34003030100	1.4735	34031175700	1.5744
34003054500	1.0183	34003029200	1.2754
34003023401	1.2026	34003041100	1.6373
34003030300	1.2785	34003057102	2.1716
34003030200	1.2557	34003012000	2.1127
34003023402	1.6830	34003036200	1.3815
34003021400	1.0716	34003005000	2.0876
34003004000	1.1314	34003041300	1.7676
34003054600	1.4382	34003045200	2.5441
34003021300	1.0662	34003051100	1.6360
34003023600	1.3866	34003045100	2.8424
34003030400	1.2196	34003051300	2.3397
34031175200	1.1971	34003051200	1.8335
34003028001	1.4148	34003018200	1.7393
34003025100	1.1855	34003051400	2.0450
34003021500	1.1450	34017014600	2.3141
34003021600	1.1730	34017019500	1.7000
34003036100	1.6696		

Table B.43: Annual Average Ambient Concentrations of Air Toxic (MTBE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	3.3692	34003025200	3.4334
34003023100	2.9632	34003046200	3.5218
34003023300	2.5933	34003060000	4.3159
34003023200	2.7285	34003046100	3.7904
34003033200	3.1538	34031175900	3.4391
34003033300	2.6606	34003057101	2.6515
34003054400	2.2564	34003046300	4.3402
34003052200	2.6866	34003057200	3.0396
34003023500	3.0795	34003029100	3.1856
34003030100	3.6377	34031175700	3.5581
34003054500	2.3310	34003029200	3.1765
34003023401	2.7913	34003041100	3.9428
34003030300	3.0930	34003057102	5.7123
34003030200	3.0214	34003012000	5.4307
34003023402	4.2600	34003036200	3.9075
34003021400	2.3988	34003005000	5.3674
34003004000	2.6368	34003041300	4.0440
34003054600	3.3314	34003045200	6.4358
34003021300	2.3408	34003051100	3.8931
34003023600	3.6808	34003045100	7.4860
34003030400	2.8164	34003051300	6.0222
34031175200	2.6832	34003051200	4.4076
34003028001	3.2117	34003018200	3.9648
34003025100	2.8642	34003051400	5.0257
34003021500	2.7425	34017014600	5.2097
34003021600	2.6568	34017019500	3.7152
34003036100	4.7534		

Table B.44: Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0531	34003025200	0.0763
34003023100	0.0512	34003046200	0.0777
34003023300	0.0591	34003060000	0.0730
34003023200	0.0671	34003046100	0.0748
34003033200	0.0535	34031175900	0.0814
34003033300	0.0569	34003057101	0.0646
34003054400	0.0555	34003046300	0.0903
34003052200	0.0495	34003057200	0.0732
34003023500	0.0761	34003029100	0.0731
34003030100	0.0630	34031175700	0.0796
34003054500	0.0573	34003029200	0.0631
34003023401	0.0734	34003041100	0.0901
34003030300	0.0833	34003057102	0.0947
34003030200	0.0827	34003012000	0.0809
34003023402	0.0765	34003036200	0.0603
34003021400	0.0623	34003005000	0.0785
34003004000	0.0634	34003041300	0.1081
34003054600	0.0687	34003045200	0.1040
34003021300	0.0624	34003051100	0.0753
34003023600	0.0686	34003045100	0.1309
34003030400	0.0740	34003051300	0.1000
34031175200	0.0806	34003051200	0.0796
34003028001	0.0731	34003018200	0.1027
34003025100	0.0586	34003051400	0.0809
34003021500	0.0670	34017014600	0.1088
34003021600	0.0754	34017019500	0.0735
34003036100	0.0666		

Table B.45: Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0560	34003025200	0.0634
34003023100	0.0515	34003046200	0.0658
34003023300	0.0456	34003060000	0.0784
34003023200	0.0502	34003046100	0.0693
34003033200	0.0520	34031175900	0.0687
34003033300	0.0476	34003057101	0.0518
34003054400	0.0406	34003046300	0.0808
34003052200	0.0474	34003057200	0.0596
34003023500	0.0581	34003029100	0.0587
34003030100	0.0649	34031175700	0.0672
34003054500	0.0428	34003029200	0.0579
34003023401	0.0546	34003041100	0.0745
34003030300	0.0601	34003057102	0.1043
34003030200	0.0591	34003012000	0.0981
34003023402	0.0775	34003036200	0.0707
34003021400	0.0466	34003005000	0.0966
34003004000	0.0490	34003041300	0.0794
34003054600	0.0605	34003045200	0.1192
34003021300	0.0463	34003051100	0.0712
34003023600	0.0652	34003045100	0.1413
34003030400	0.0533	34003051300	0.1115
34031175200	0.0547	34003051200	0.0801
34003028001	0.0597	34003018200	0.0777
34003025100	0.0514	34003051400	0.0905
34003021500	0.0528	34017014600	0.1037
34003021600	0.0540	34017019500	0.0715
34003036100	0.0857		

Table B.46: Annual Average Ambient Concentrations of Air Toxic (STYRENE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	0.0694	34003025200	0.0654
34003023100	0.0375	34003046200	0.0929
34003023300	0.0394	34003060000	0.1037
34003023200	0.0416	34003046100	0.1094
34003033200	0.0493	34031175900	0.0840
34003033300	0.0415	34003057101	0.0490
34003054400	0.0313	34003046300	0.1202
34003052200	0.0485	34003057200	0.0732
34003023500	0.0498	34003029100	0.0549
34003030100	0.0958	34031175700	0.1120
34003054500	0.0348	34003029200	0.0508
34003023401	0.0503	34003041100	0.0860
34003030300	0.0564	34003057102	0.1729
34003030200	0.0551	34003012000	0.1657
34003023402	0.1190	34003036200	0.0528
34003021400	0.0419	34003005000	0.1623
34003004000	0.0471	34003041300	0.0992
34003054600	0.0901	34003045200	0.2062
34003021300	0.0435	34003051100	0.1145
34003023600	0.0721	34003045100	0.2260
34003030400	0.0517	34003051300	0.1836
34031175200	0.0558	34003051200	0.1371
34003028001	0.0776	34003018200	0.0845
34003025100	0.0505	34003051400	0.1521
34003021500	0.0460	34017014600	0.1485
34003021600	0.0504	34017019500	0.0779
34003036100	0.0978		

Table B.47: Annual Average Ambient Concentrations of Air Toxic (TOLUENE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	5.5182	34003025200	6.3161
34003023100	4.7575	34003046200	6.8503
34003023300	4.6298	34003060000	7.4511
34003023200	4.8968	34003046100	7.3803
34003033200	5.0748	34031175900	6.5957
34003033300	4.6935	34003057101	5.0831
34003054400	4.1999	34003046300	8.2775
34003052200	4.6583	34003057200	5.9196
34003023500	5.5811	34003029100	5.9250
34003030100	6.5378	34031175700	7.2404
34003054500	4.4166	34003029200	5.7243
34003023401	5.3310	34003041100	7.6172
34003030300	5.8927	34003057102	10.1225
34003030200	5.7759	34003012000	9.6030
34003023402	7.6586	34003036200	6.3697
34003021400	4.6317	34003005000	9.4246
34003004000	5.0157	34003041300	8.3525
34003054600	6.4610	34003045200	11.8123
34003021300	4.6072	34003051100	7.4553
34003023600	6.2926	34003045100	13.5499
34003030400	5.4945	34003051300	10.8039
34031175200	5.5018	34003051200	8.3729
34003028001	6.3741	34003018200	8.1035
34003025100	5.2196	34003051400	9.1537
34003021500	5.1072	34017014600	10.4719
34003021600	5.2446	34017019500	7.3041
34003036100	7.5560		

Table B.48: Annual Average Ambient Concentrations of Air Toxic (XYLENE) calculated by ASPEN for each of 53 Census Tracts within a 5km radius from Teterboro Airport, considering all source emissions within a 25km radius from Teterboro Airport but excluding Teterboro Airport emissions (based on 1999 NEI adjusted with local information)

Census Tract ID	Concentration (μg/m^3)	Census Tract ID	Concentration (μg/m^3)
34003050000	3.6121	34003025200	4.0204
34003023100	3.4027	34003046200	4.4196
34003023300	3.0265	34003060000	4.7444
34003023200	3.2405	34003046100	4.7989
34003033200	3.4242	34031175900	4.1740
34003033300	3.0490	34003057101	3.2199
34003054400	2.8274	34003046300	5.3537
34003052200	3.0078	34003057200	3.6991
34003023500	3.7081	34003029100	3.9514
34003030100	4.1077	34031175700	4.3296
34003054500	2.9917	34003029200	3.8167
34003023401	3.4026	34003041100	5.1376
34003030300	3.7819	34003057102	6.3582
34003030200	3.7055	34003012000	5.9848
34003023402	4.8272	34003036200	4.2885
34003021400	2.9108	34003005000	5.8832
34003004000	3.3463	34003041300	5.5453
34003054600	4.2024	34003045200	7.7315
34003021300	2.8790	34003051100	4.6212
34003023600	4.1457	34003045100	8.9402
34003030400	3.4391	34003051300	6.7531
34031175200	3.4915	34003051200	5.1244
34003028001	4.2768	34003018200	5.5743
34003025100	3.3582	34003051400	5.7218
34003021500	3.3182	34017014600	6.9181
34003021600	3.3304	34017019500	4.6401
34003036100	5.0792		

APPENDIX C CALCULATED PERCENTAGE CONTRIBUTIONS TO LOCAL ANNUAL AVERAGE AMBIENT CONCENTRATIONS OF AIR TOXICS FROM DIFFERENT EMISSION SOURCE CATEGORIES BASED ON 1999 NEI INVENTORY

Table C.1: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.25	0.34	51.83	22.15	0.14
34003023100	0.37	0.64	27.65	35.46	0.79
34003023300	0.37	0.51	39.00	26.03	0.55
34003023200	0.34	0.61	34.77	32.23	0.53
34003033200	0.30	0.55	42.86	27.10	0.30
34003033300	0.34	0.59	40.01	26.67	0.44
34003054400	0.38	0.59	29.78	24.50	0.67
34003052200	0.25	0.49	42.22	24.02	0.07
34003023500	0.33	0.61	34.62	33.81	0.76
34003030100	0.25	0.55	57.82	17.40	0.19
34003054500	0.31	0.54	29.95	22.44	0.35
34003023401	0.32	0.52	39.66	29.93	0.55
34003030300	0.25	0.75	38.61	31.98	0.10
34003030200	0.23	0.75	37.58	32.40	0.08
34003023402	0.24	0.39	57.81	19.89	0.57
34003021400	0.23	0.53	35.57	26.14	0.08
34003004000	0.29	0.53	34.95	22.65	0.52
34003054600	0.19	0.32	52.98	12.00	0.30
34003021300	0.20	0.56	32.28	24.68	0.09
34003023600	0.28	0.67	41.62	26.24	1.16
34003030400	0.32	0.64	41.96	24.54	0.15
34031175200	0.17	0.23	17.53	8.80	0.11
34003028001	0.18	0.36	44.74	12.30	0.22
34003025100	0.48	0.56	39.65	22.11	0.43
34003021500	0.19	0.62	31.79	29.66	0.12
34003021600	0.17	0.58	28.80	28.06	0.10
34003036100	0.26	0.83	41.18	29.54	1.73

Table C.2: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.34	0.63	43.33	25.96	0.23
34003046200	0.19	0.38	49.30	16.06	0.52
34003060000	0.26	0.61	49.75	22.71	0.42
34003046100	0.19	0.29	52.10	10.40	0.35
34031175900	0.14	0.19	15.15	7.38	0.11
34003057101	0.21	0.64	34.09	25.24	0.25
34003046300	0.16	0.40	49.89	16.97	0.40
34003057200	0.16	0.33	35.14	19.86	0.16
34003029100	0.25	0.52	31.67	24.49	1.15
34031175700	0.12	0.12	9.65	4.07	0.10
34003029200	0.31	0.77	28.19	23.31	1.02
34003041100	0.17	0.60	38.13	18.67	0.18
34003057102	0.11	0.58	58.97	18.90	0.12
34003012000	0.16	0.50	60.77	15.92	0.06
34003036200	0.40	1.18	21.44	33.50	3.43
34003005000	0.24	0.50	61.21	16.20	0.09
34003041300	0.15	0.46	36.45	16.47	0.12
34003045200	0.10	0.57	57.64	12.38	0.08
34003051100	0.16	0.41	51.73	12.65	0.07
34003045100	0.09	0.58	52.49	18.10	0.05
34003051300	0.20	0.55	58.92	18.71	0.13
34003051200	0.15	0.36	56.57	11.59	0.10
34003018200	0.14	0.40	28.56	14.27	0.13
34003051400	0.50	0.37	58.23	12.51	0.26
34017014600	0.12	0.10	6.52	2.77	0.17
34017019500	0.31	0.19	11.48	4.89	0.41

Table C.3: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	18.29	38.15	12.36	0.18
34003023100	0.00	27.36	17.85	16.14	0.88
34003023300	0.00	25.51	25.75	11.37	0.63
34003023200	0.00	29.27	22.80	13.30	0.60
34003033200	0.00	22.61	29.63	14.15	0.36
34003033300	0.00	23.41	27.56	11.90	0.53
34003054400	0.00	23.93	18.89	10.03	0.73
34003052200	0.00	20.98	29.38	11.50	0.08
34003023500	0.00	31.00	22.51	13.69	0.84
34003030100	0.00	17.06	43.66	8.79	0.25
34003054500	0.00	21.21	19.24	9.23	0.39
34003023401	0.00	28.24	26.93	11.64	0.65
34003030300	0.00	29.90	26.19	12.38	0.11
34003030200	0.00	30.16	25.42	12.42	0.10
34003023402	0.00	20.25	42.97	9.63	0.73
34003021400	0.00	24.28	24.05	10.18	0.10
34003004000	0.00	22.94	22.67	9.34	0.58
34003054600	0.00	13.90	38.17	5.63	0.38
34003021300	0.00	22.14	21.92	9.52	0.10
34003023600	0.00	23.65	28.52	11.99	1.37
34003030400	0.00	25.47	28.46	9.57	0.17
34031175200	0.00	8.25	11.49	3.72	0.12
34003028001	0.00	13.38	30.87	5.43	0.27
34003025100	0.00	21.05	27.20	9.75	0.48
34003021500	0.00	25.84	21.23	11.87	0.14
34003021600	0.00	23.50	19.75	10.52	0.12
34003036100	0.00	21.61	29.59	15.20	2.10

Table C.4: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	26.11	29.65	10.77	0.26
34003046200	0.00	16.77	35.40	6.95	0.65
34003060000	0.00	20.50	36.19	11.04	0.51
34003046100	0.00	11.23	38.48	4.92	0.45
34031175900	0.00	7.24	10.20	3.18	0.13
34003057101	0.00	23.36	22.87	9.99	0.27
34003046300	0.00	16.81	36.56	7.59	0.50
34003057200	0.00	17.14	24.84	7.81	0.19
34003029100	0.00	22.12	21.23	9.99	1.29
34031175700	0.00	4.21	6.96	2.01	0.12
34003029200	0.00	20.46	18.60	10.24	1.14
34003041100	0.00	17.75	26.23	8.05	0.22
34003057102	0.00	18.83	44.73	9.56	0.16
34003012000	0.00	14.81	47.17	8.45	0.08
34003036200	0.00	23.01	14.19	15.80	3.65
34003005000	0.00	14.86	47.75	8.69	0.12
34003041300	0.00	17.52	25.27	6.44	0.15
34003045200	0.00	10.46	45.25	6.93	0.11
34003051100	0.00	15.47	37.38	5.88	0.09
34003045100	0.00	19.56	38.00	8.90	0.07
34003051300	0.00	17.77	45.14	9.25	0.18
34003051200	0.00	14.27	41.79	5.54	0.13
34003018200	0.00	13.81	19.16	5.97	0.16
34003051400	0.00	12.16	44.54	6.48	0.35
34017014600	0.00	2.99	4.46	1.28	0.21
34017019500	0.00	5.09	7.85	2.31	0.49

Table C.5: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.04	1.62	41.15	15.86	0.84
34003023100	0.07	2.05	21.41	22.12	4.50
34003023300	0.05	1.74	30.30	14.55	3.21
34003023200	0.05	2.11	28.02	17.20	3.23
34003033200	0.04	1.68	33.41	18.81	1.74
34003033300	0.05	1.79	32.12	14.47	2.63
34003054400	0.06	1.89	22.41	12.79	3.74
34003052200	0.04	2.74	33.51	14.49	0.41
34003023500	0.05	1.85	28.82	18.37	4.76
34003030100	0.04	2.06	48.40	10.84	1.20
34003054500	0.04	1.30	23.34	11.94	2.04
34003023401	0.05	1.53	34.07	13.79	3.56
34003030300	0.05	3.27	34.38	15.82	0.68
34003030200	0.04	3.31	33.49	15.87	0.57
34003023402	0.04	2.06	48.94	11.90	3.68
34003021400	0.05	1.33	30.38	12.34	0.54
34003004000	0.05	1.36	27.79	12.16	3.09
34003054600	0.02	0.97	43.33	7.08	1.90
34003021300	0.04	1.30	27.83	11.28	0.56
34003023600	0.25	1.59	33.52	15.75	6.96
34003030400	0.05	2.30	36.16	11.73	0.97
34031175200	0.04	0.77	16.72	5.82	0.73
34003028001	0.02	0.87	37.01	7.04	1.42
34003025100	0.07	3.93	31.54	12.32	2.44
34003021500	0.04	2.18	27.68	15.50	0.80
34003021600	0.04	2.38	25.97	12.74	0.70
34003036100	0.04	1.33	32.68	20.24	10.32

Table C.6: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.06	4.24	37.07	13.91	1.45
34003046200	0.03	1.68	41.25	8.04	3.33
34003060000	0.05	1.92	42.81	14.96	2.70
34003046100	0.03	0.73	43.62	6.31	2.24
34031175900	0.03	0.69	14.82	4.96	0.79
34003057101	0.05	1.23	29.66	12.51	1.55
34003046300	0.03	1.52	43.38	9.33	2.65
34003057200	0.04	1.94	31.22	9.19	1.06
34003029100	0.04	3.32	25.26	12.56	6.77
34031175700	0.03	0.36	9.15	3.08	0.66
34003029200	0.04	1.50	22.80	14.12	5.97
34003041100	0.02	1.60	33.62	10.64	1.23
34003057102	0.03	1.52	53.77	13.09	0.87
34003012000	0.05	1.30	54.87	11.50	0.42
34003036200	0.04	1.90	16.12	20.45	17.68
34003005000	0.05	1.33	54.88	11.73	0.63
34003041300	0.02	1.69	32.70	8.18	0.87
34003045200	0.02	0.79	51.75	9.45	0.59
34003051100	0.05	1.35	45.40	7.82	0.47
34003045100	0.01	1.31	48.58	13.18	0.40
34003051300	0.06	1.46	54.91	12.36	0.95
34003051200	0.06	0.89	50.39	7.67	0.67
34003018200	0.02	1.19	25.84	8.45	0.92
34003051400	0.14	1.13	52.00	8.89	1.76
34017014600	0.02	0.27	6.74	2.27	1.27
34017019500	0.04	0.46	10.97	3.76	2.79

Table C.7: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.05	61.23	25.61	0.06
34003023100	0.00	0.11	27.10	49.86	0.48
34003023300	0.00	0.08	47.21	29.04	0.35
34003023200	0.00	0.10	42.55	35.84	0.31
34003033200	0.00	0.13	46.92	35.92	0.15
34003033300	0.00	0.14	49.06	28.11	0.29
34003054400	0.00	0.12	35.87	28.88	0.47
34003052200	0.00	0.11	51.00	28.18	0.04
34003023500	0.00	0.11	42.81	36.84	0.52
34003030100	0.00	0.16	71.78	15.52	0.12
34003054500	0.00	0.10	36.28	26.37	0.24
34003023401	0.00	0.09	53.99	25.05	0.40
34003030300	0.00	0.19	50.61	29.78	0.08
34003030200	0.00	0.19	49.63	30.13	0.06
34003023402	0.00	0.06	71.99	17.12	0.32
34003021400	0.00	0.12	46.37	24.19	0.06
34003004000	0.00	0.11	46.57	23.24	0.39
34003054600	0.00	0.05	69.13	9.54	0.16
34003021300	0.00	0.14	42.62	22.05	0.06
34003023600	0.00	0.19	52.51	28.28	0.85
34003030400	0.00	0.12	55.01	20.92	0.13
34031175200	0.00	0.05	17.08	7.67	0.08
34003028001	0.00	0.09	57.59	10.04	0.11
34003025100	0.00	0.17	49.51	24.26	0.46
34003021500	0.00	0.12	38.75	32.12	0.10
34003021600	0.00	0.18	38.16	24.48	0.08
34003036100	0.00	0.32	47.99	36.03	1.40

Table C.8: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.16	54.33	25.46	0.21
34003046200	0.00	0.07	67.02	11.25	0.34
34003060000	0.00	0.23	60.78	24.14	0.32
34003046100	0.00	0.09	68.45	7.83	0.21
34031175900	0.00	0.03	13.04	5.34	0.07
34003057101	0.00	0.24	43.88	24.66	0.21
34003046300	0.00	0.10	66.28	13.30	0.26
34003057200	0.00	0.05	49.16	14.59	0.11
34003029100	0.00	0.17	41.30	25.68	1.12
34031175700	0.00	0.02	6.30	2.60	0.05
34003029200	0.00	0.38	33.44	29.33	1.11
34003041100	0.00	0.27	46.97	17.76	0.11
34003057102	0.00	0.18	70.34	18.00	0.07
34003012000	0.00	0.16	72.70	15.57	0.03
34003036200	0.00	0.68	20.33	48.41	3.69
34003005000	0.00	0.16	73.00	15.96	0.06
34003041300	0.00	0.14	47.02	12.23	0.07
34003045200	0.00	0.25	68.39	12.74	0.04
34003051100	0.00	0.10	67.09	10.76	0.04
34003045100	0.00	0.22	62.36	18.17	0.02
34003051300	0.00	0.16	71.93	16.77	0.07
34003051200	0.00	0.09	72.27	9.91	0.05
34003018200	0.00	0.11	34.97	13.95	0.08
34003051400	0.00	0.14	73.05	11.88	0.12
34017014600	0.00	0.02	3.74	1.76	0.08
34017019500	0.00	0.05	9.31	4.45	0.27

Table C.9: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.13	8.32	44.12	21.08	0.27
34003023100	0.17	13.64	22.66	27.15	1.40
34003023300	0.16	12.40	32.94	19.02	1.02
34003023200	0.14	15.23	29.59	20.99	0.99
34003033200	0.15	10.53	35.47	24.49	0.54
34003033300	0.18	11.48	35.10	18.91	0.84
34003054400	0.15	12.04	24.88	16.60	1.22
34003052200	0.17	10.86	36.93	18.74	0.13
34003023500	0.14	16.37	29.70	21.42	1.43
34003030100	0.17	8.39	52.00	13.53	0.38
34003054500	0.11	10.43	25.35	14.99	0.65
34003023401	0.16	14.75	35.90	16.62	1.10
34003030300	0.21	17.06	35.14	17.97	0.20
34003030200	0.21	17.34	34.28	18.01	0.17
34003023402	0.12	10.10	51.42	14.24	1.14
34003021400	0.23	13.01	32.92	15.07	0.17
34003004000	0.13	11.53	29.64	14.79	0.97
34003054600	0.06	6.32	46.18	8.77	0.60
34003021300	0.20	12.10	30.24	13.70	0.18
34003023600	0.47	11.75	35.52	18.94	2.18
34003030400	0.25	13.65	38.34	13.95	0.30
34031175200	0.18	4.22	16.66	6.74	0.22
34003028001	0.06	6.30	38.76	8.49	0.44
34003025100	0.25	11.65	34.78	15.44	0.80
34003021500	0.26	14.40	29.09	18.16	0.25
34003021600	0.21	13.87	27.20	14.62	0.21
34003036100	0.11	11.61	34.26	23.95	3.22

Table C.10: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.23	14.55	38.63	16.20	0.45
34003046200	0.09	8.33	43.73	9.67	1.04
34003060000	0.30	10.89	44.05	17.45	0.82
34003046100	0.07	5.08	45.95	7.74	0.70
34031175900	0.19	3.57	14.28	5.52	0.23
34003057101	0.50	12.62	31.53	14.76	0.49
34003046300	0.07	8.42	44.40	10.89	0.80
34003057200	0.26	9.64	32.89	10.73	0.33
34003029100	0.12	12.06	27.35	15.20	2.16
34031175700	0.09	1.99	9.33	3.67	0.20
34003029200	0.12	10.34	24.28	17.05	1.89
34003041100	0.06	9.03	33.51	11.96	0.36
34003057102	0.49	9.81	53.09	14.57	0.25
34003012000	0.42	7.55	55.54	13.23	0.13
34003036200	0.12	12.89	17.92	25.68	5.92
34003005000	0.32	7.60	55.91	13.59	0.19
34003041300	0.05	9.22	32.32	8.84	0.25
34003045200	0.04	5.38	50.90	10.63	0.17
34003051100	1.19	7.90	46.78	9.14	0.14
34003045100	0.03	10.32	44.89	13.68	0.11
34003051300	0.51	9.30	54.26	13.79	0.28
34003051200	0.34	7.05	52.01	9.09	0.20
34003018200	0.05	7.17	24.93	9.07	0.26
34003051400	0.75	6.07	53.81	10.72	0.54
34017014600	0.04	1.44	6.27	2.40	0.35
34017019500	0.12	2.54	11.39	4.44	0.87

Table C.11: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.76	1.01	42.55	14.78	0.12
34003023100	1.04	1.57	22.35	22.85	0.65
34003023300	1.05	1.49	30.90	15.93	0.45
34003023200	1.00	1.81	28.35	20.03	0.44
34003033200	0.93	1.37	34.55	17.75	0.24
34003033300	1.03	1.45	32.16	16.40	0.36
34003054400	1.01	1.47	22.94	14.45	0.53
34003052200	0.78	1.23	33.71	15.07	0.06
34003023500	0.98	1.82	29.22	21.70	0.66
34003030100	0.84	1.02	49.22	11.54	0.17
34003054500	0.84	1.30	23.39	13.42	0.28
34003023401	0.98	1.68	33.33	18.47	0.47
34003030300	0.92	1.99	33.11	20.27	0.09
34003030200	0.81	2.01	32.19	20.48	0.07
34003023402	0.77	1.11	50.74	13.49	0.51
34003021400	0.78	1.50	28.82	15.63	0.07
34003004000	0.83	1.38	28.22	13.96	0.43
34003054600	0.56	0.80	44.40	7.74	0.26
34003021300	0.62	1.45	26.25	14.72	0.07
34003023600	0.87	1.50	35.54	17.52	1.01
34003030400	1.15	1.71	34.82	15.01	0.13
34031175200	0.50	0.58	14.94	5.72	0.09
34003028001	0.54	0.81	37.42	7.83	0.19
34003025100	1.45	1.27	32.27	13.84	0.35
34003021500	0.71	1.66	26.46	18.53	0.11
34003021600	0.57	1.54	24.44	17.31	0.09
34003036100	0.85	1.47	36.53	21.25	1.57

Table C.12: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	1.18	1.63	37.06	16.75	0.20
34003046200	0.58	1.02	42.28	10.27	0.46
34003060000	1.12	1.31	43.57	15.61	0.38
34003046100	0.56	0.70	44.69	6.81	0.31
34031175900	0.44	0.51	13.43	4.98	0.10
34003057101	0.95	1.49	28.20	15.52	0.21
34003046300	0.51	1.07	44.19	11.29	0.36
34003057200	0.51	1.07	30.10	12.43	0.14
34003029100	0.77	1.32	26.76	15.64	0.98
34031175700	0.39	0.29	8.35	2.75	0.09
34003029200	0.94	1.41	23.53	15.19	0.87
34003041100	0.52	1.22	33.33	12.37	0.16
34003057102	0.40	1.18	53.92	13.53	0.12
34003012000	0.84	0.93	54.66	11.31	0.06
34003036200	1.23	1.83	18.51	23.29	2.99
34003005000	1.10	0.92	54.84	11.49	0.09
34003041300	0.47	1.14	32.24	10.72	0.11
34003045200	0.32	0.76	52.98	9.11	0.08
34003051100	0.52	0.94	44.74	8.37	0.06
34003045100	0.29	1.11	49.34	13.45	0.05
34003051300	0.95	1.15	54.04	13.23	0.13
34003051200	0.71	0.85	49.57	7.79	0.09
34003018200	0.42	0.90	24.88	9.45	0.12
34003051400	1.70	0.76	51.37	8.61	0.23
34017014600	0.36	0.22	5.86	1.94	0.16
34017019500	0.93	0.36	9.82	3.28	0.36

Table C.13: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.01	1.51	41.27	37.15	0.00
34003023100	0.37	1.58	21.95	49.97	0.01
34003023300	0.03	1.69	33.87	36.67	0.01
34003023200	0.12	1.99	30.63	40.78	0.01
34003033200	0.01	1.39	33.42	43.40	0.00
34003033300	0.03	1.69	35.46	35.90	0.01
34003054400	0.33	2.06	26.82	33.89	0.01
34003052200	0.02	1.33	36.23	35.06	0.00
34003023500	0.09	1.40	31.02	42.23	0.01
34003030100	0.04	1.49	51.65	25.93	0.00
34003054500	0.18	1.19	27.72	31.23	0.01
34003023401	0.06	1.13	38.57	33.44	0.01
34003030300	0.03	2.98	36.47	35.18	0.00
34003030200	0.02	2.99	35.65	35.28	0.00
34003023402	0.08	2.02	51.70	27.58	0.01
34003021400	0.02	0.83	34.75	30.06	0.00
34003004000	0.30	1.14	32.23	30.84	0.01
34003054600	0.06	0.96	49.69	18.44	0.01
34003021300	0.02	0.72	32.23	27.60	0.00
34003023600	2.57	1.19	35.41	36.46	0.02
34003030400	0.02	2.19	40.46	28.05	0.00
34031175200	0.01	0.59	18.30	14.33	0.00
34003028001	0.02	0.76	42.91	18.50	0.00
34003025100	0.09	3.06	35.47	30.37	0.01
34003021500	0.01	1.95	29.85	35.31	0.00
34003021600	0.01	1.59	29.04	29.60	0.00
34003036100	0.13	0.64	33.19	45.14	0.03

Table C.14: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.04	3.25	39.46	31.82	0.00
34003046200	0.16	1.95	47.03	20.21	0.01
34003060000	0.04	1.33	43.16	33.40	0.01
34003046100	0.08	0.63	49.44	16.57	0.01
34031175900	0.01	0.57	15.39	11.54	0.00
34003057101	0.02	0.83	33.39	29.84	0.01
34003046300	0.10	1.54	46.84	22.52	0.01
34003057200	0.01	2.19	34.46	21.56	0.00
34003029100	0.19	4.04	29.00	31.06	0.02
34031175700	0.01	0.29	10.19	7.87	0.00
34003029200	0.12	0.95	25.53	34.82	0.02
34003041100	0.03	1.28	36.44	25.28	0.00
34003057102	0.01	1.00	52.30	28.20	0.00
34003012000	0.02	0.82	54.24	25.58	0.00
34003036200	0.06	0.51	18.24	50.25	0.08
34003005000	0.03	0.83	54.40	26.14	0.00
34003041300	0.02	1.19	36.64	19.38	0.00
34003045200	0.02	0.51	52.22	21.58	0.00
34003051100	0.02	1.35	48.54	18.74	0.00
34003045100	0.02	0.91	46.71	27.90	0.00
34003051300	0.02	0.99	53.66	26.83	0.00
34003051200	0.02	0.70	53.06	18.61	0.00
34003018200	0.03	1.16	28.82	20.40	0.00
34003051400	0.02	0.96	53.64	21.42	0.01
34017014600	0.02	0.20	7.33	5.60	0.00
34017019500	0.03	0.31	12.57	9.74	0.01

Table C.15: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.32	32.82	23.70	4.41	2.01
34003023100	0.31	31.17	10.24	5.42	9.25
34003023300	0.33	42.73	12.48	2.93	5.64
34003023200	0.26	48.42	10.45	3.25	5.11
34003033200	0.36	36.55	17.10	4.77	3.75
34003033300	0.39	41.02	14.08	3.13	4.91
34003054400	0.24	36.25	9.00	2.54	6.45
34003052200	0.38	35.46	17.67	3.81	0.91
34003023500	0.26	49.27	10.31	3.37	7.29
34003030100	0.44	32.06	27.07	2.92	2.83
34003054500	0.18	32.61	9.64	2.43	3.61
34003023401	0.32	49.89	12.34	2.50	5.50
34003030300	0.34	57.16	11.89	2.76	1.01
34003030200	0.31	57.67	11.44	2.74	0.84
34003023402	0.32	34.90	24.97	2.98	7.77
34003021400	0.36	47.74	11.71	2.36	0.88
34003004000	0.20	35.44	11.45	2.48	5.43
34003054600	0.14	24.81	21.67	1.62	3.93
34003021300	0.31	44.35	10.59	2.16	0.91
34003023600	0.24	32.72	15.14	3.53	13.36
34003030400	0.46	50.92	13.49	2.14	1.56
34031175200	0.25	12.38	5.31	0.87	1.03
34003028001	0.14	22.10	17.04	1.50	2.70
34003025100	0.60	35.32	14.85	2.87	5.07
34003021500	0.39	47.32	10.63	3.04	1.33
34003021600	0.29	48.06	8.89	2.20	1.04
34003036100	0.25	20.40	17.24	5.32	23.01

Table C.16: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.55	46.75	15.59	2.91	2.64
34003046200	0.15	31.95	18.64	1.74	6.29
34003060000	0.78	33.11	22.50	3.80	6.02
34003046100	0.17	20.42	22.50	1.42	4.79
34031175900	0.29	12.78	5.67	0.90	1.33
34003057101	0.55	42.56	11.86	2.54	2.71
34003046300	0.16	32.57	20.01	2.02	5.11
34003057200	0.36	36.70	12.86	1.85	1.85
34003029100	0.19	34.78	10.04	2.48	11.65
34031175700	0.13	6.74	3.95	0.61	1.26
34003029200	0.26	25.96	10.18	3.10	11.71
34003041100	0.13	29.71	14.25	2.23	2.19
34003057102	0.43	34.77	29.31	3.44	1.96
34003012000	0.82	25.10	34.22	3.39	1.09
34003036200	0.26	17.76	6.91	4.56	34.49
34003005000	0.97	24.46	34.78	3.53	1.67
34003041300	0.12	34.87	12.34	1.52	1.36
34003045200	0.14	15.05	30.82	2.72	1.43
34003051100	0.47	31.16	23.25	1.88	1.00
34003045100	0.10	25.22	25.52	3.42	0.84
34003051300	0.88	33.99	29.91	3.22	2.15
34003051200	0.37	29.08	27.22	1.84	1.51
34003018200	0.13	22.28	9.96	1.62	1.50
34003051400	2.79	21.86	30.20	2.31	4.22
34017014600	0.10	4.77	2.96	0.45	2.46
34017019500	0.32	7.23	5.22	0.83	5.86

Table C.17: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.02	42.18	34.64	0.12
34003023100	0.00	0.04	20.39	49.79	0.64
34003023300	0.00	0.03	31.44	37.66	0.49
34003023200	0.00	0.03	27.24	44.55	0.46
34003033200	0.00	0.04	33.41	41.00	0.25
34003033300	0.00	0.04	32.38	38.16	0.39
34003054400	0.00	0.04	24.06	35.26	0.60
34003052200	0.00	0.04	34.14	35.78	0.06
34003023500	0.00	0.04	26.94	46.38	0.65
34003030100	0.00	0.07	49.93	26.98	0.18
34003054500	0.00	0.03	24.45	32.61	0.32
34003023401	0.00	0.03	32.40	40.55	0.49
34003030300	0.00	0.06	31.12	43.18	0.09
34003030200	0.00	0.06	30.22	43.55	0.07
34003023402	0.00	0.03	49.34	30.14	0.53
34003021400	0.00	0.04	29.23	35.95	0.07
34003004000	0.00	0.03	28.86	32.84	0.47
34003054600	0.00	0.02	47.16	18.72	0.29
34003021300	0.00	0.05	26.62	33.79	0.08
34003023600	0.00	0.06	33.60	38.41	1.03
34003030400	0.00	0.04	35.16	34.26	0.14
34031175200	0.00	0.02	14.33	12.74	0.10
34003028001	0.00	0.03	39.51	18.79	0.22
34003025100	0.00	0.05	32.87	32.74	0.39
34003021500	0.00	0.04	25.29	40.75	0.11
34003021600	0.00	0.05	23.43	37.26	0.09
34003036100	0.00	0.08	32.10	43.77	1.47

Table C.18: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.05	35.69	36.96	0.21
34003046200	0.00	0.03	43.35	23.59	0.50
34003060000	0.00	0.06	41.37	34.11	0.38
34003046100	0.00	0.02	47.08	16.16	0.34
34031175900	0.00	0.01	12.36	10.60	0.10
34003057101	0.00	0.06	28.00	35.18	0.22
34003046300	0.00	0.03	43.70	25.01	0.38
34003057200	0.00	0.02	29.92	27.24	0.15
34003029100	0.00	0.04	26.04	34.82	1.04
34031175700	0.00	0.01	8.62	6.62	0.10
34003029200	0.00	0.08	22.90	34.51	0.92
34003041100	0.00	0.06	32.48	27.59	0.17
34003057102	0.00	0.07	50.49	29.07	0.12
34003012000	0.00	0.06	52.96	25.19	0.06
34003036200	0.00	0.11	16.00	48.04	2.84
34003005000	0.00	0.06	53.29	25.72	0.09
34003041300	0.00	0.05	31.77	23.79	0.12
34003045200	0.00	0.08	51.35	20.27	0.08
34003051100	0.00	0.04	45.97	19.53	0.07
34003045100	0.00	0.07	45.05	28.12	0.05
34003051300	0.00	0.05	50.97	28.37	0.13
34003051200	0.00	0.03	50.83	18.06	0.10
34003018200	0.00	0.04	24.66	21.55	0.13
34003051400	0.00	0.04	52.12	19.89	0.25
34017014600	0.00	0.01	5.74	4.44	0.17
34017019500	0.00	0.02	10.26	8.06	0.41

Table C.19: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	1.90	77.49	9.10	0.05
34003023100	0.00	8.69	45.70	21.17	0.49
34003023300	0.00	2.35	65.09	11.45	0.29
34003023200	0.00	4.35	61.78	13.99	0.27
34003033200	0.00	3.55	66.39	13.96	0.13
34003033300	0.00	2.66	66.19	10.83	0.24
34003054400	0.00	3.40	52.73	11.91	0.42
34003052200	0.00	3.43	66.78	9.60	0.03
34003023500	0.00	5.35	61.92	13.85	0.46
34003030100	0.00	2.18	83.21	4.69	0.08
34003054500	0.00	3.52	53.07	10.24	0.21
34003023401	0.00	2.66	70.22	9.29	0.31
34003030300	0.00	4.44	66.92	10.33	0.06
34003030200	0.00	4.53	65.57	10.44	0.05
34003023402	0.00	2.19	84.41	5.09	0.23
34003021400	0.00	3.05	59.36	8.38	0.04
34003004000	0.00	3.13	63.17	8.38	0.32
34003054600	0.00	1.02	80.79	3.13	0.12
34003021300	0.00	2.86	52.69	7.45	0.05
34003023600	0.00	4.26	70.05	9.47	0.68
34003030400	0.00	2.60	69.12	7.20	0.10
34031175200	0.00	0.82	20.57	2.59	0.06
34003028001	0.00	1.29	71.84	3.69	0.08
34003025100	0.00	3.69	64.93	8.20	0.36
34003021500	0.00	4.84	53.10	11.22	0.08
34003021600	0.00	3.51	48.34	8.63	0.06
34003036100	0.00	5.60	67.96	11.93	1.19

Table C.20: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	3.78	69.84	8.47	0.16
34003046200	0.00	1.33	78.86	3.84	0.24
34003060000	0.00	3.31	75.83	7.72	0.24
34003046100	0.00	0.86	79.03	2.87	0.15
34031175900	0.00	0.59	15.63	1.78	0.05
34003057101	0.00	3.92	56.67	8.39	0.16
34003046300	0.00	1.63	78.14	4.73	0.19
34003057200	0.00	1.74	57.83	4.76	0.07
34003029100	0.00	4.15	56.95	9.26	0.93
34031175700	0.00	0.21	6.83	0.79	0.03
34003029200	0.00	5.28	48.12	10.94	0.96
34003041100	0.00	2.93	62.14	6.40	0.09
34003057102	0.00	2.61	81.54	5.41	0.05
34003012000	0.00	2.15	83.20	4.71	0.02
34003036200	0.00	9.57	35.07	19.59	3.84
34003005000	0.00	2.20	84.01	4.80	0.04
34003041300	0.00	2.32	60.44	4.18	0.05
34003045200	0.00	2.00	80.02	3.97	0.03
34003051100	0.00	1.52	75.07	3.42	0.03
34003045100	0.00	2.88	76.43	5.63	0.02
34003051300	0.00	2.29	82.85	5.21	0.05
34003051200	0.00	1.33	79.84	3.41	0.03
34003018200	0.00	2.40	48.30	4.94	0.07
34003051400	0.00	1.39	81.93	4.17	0.08
34017014600	0.00	0.18	4.47	0.57	0.06
34017019500	0.00	0.52	11.30	1.43	0.20

Table C.21: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.74	10.81	47.09	13.39	0.53
34003023100	1.12	17.37	24.60	17.59	2.84
34003023300	1.03	15.66	34.45	11.95	2.00
34003023200	0.93	19.73	30.89	13.14	1.94
34003033200	0.88	13.58	38.31	15.75	1.09
34003033300	1.06	14.58	36.71	11.87	1.65
34003054400	1.14	15.03	25.95	10.50	2.37
34003052200	0.84	13.09	38.94	11.77	0.26
34003023500	1.04	21.11	30.75	13.29	2.77
34003030100	0.87	10.35	53.76	8.35	0.73
34003054500	0.84	13.08	26.73	9.54	1.28
34003023401	1.03	18.72	36.63	10.23	2.09
34003030300	0.87	23.14	35.26	10.87	0.38
34003030200	0.76	23.55	34.34	10.87	0.32
34003023402	0.85	12.11	53.09	8.76	2.19
34003021400	0.88	17.24	33.14	9.16	0.32
34003004000	1.11	14.15	30.93	9.30	1.89
34003054600	0.52	7.98	47.77	5.53	1.15
34003021300	0.78	16.04	30.14	8.25	0.33
34003023600	1.76	13.70	37.18	11.83	4.24
34003030400	1.09	18.51	38.21	8.44	0.56
34031175200	0.53	5.35	16.42	4.04	0.40
34003028001	0.45	7.80	40.33	5.48	0.85
34003025100	1.63	14.18	35.74	9.53	1.53
34003021500	0.84	19.45	29.44	11.04	0.47
34003021600	0.66	18.85	26.96	8.90	0.39
34003036100	2.14	11.58	36.87	15.19	6.44

Table C.22: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	1.01	18.07	39.62	10.02	0.85
34003046200	0.72	10.78	44.62	6.04	1.98
34003060000	1.24	12.08	46.33	11.11	1.61
34003046100	0.64	6.35	47.35	5.03	1.33
34031175900	0.48	4.75	14.78	3.48	0.44
34003057101	1.23	15.92	31.96	9.05	0.92
34003046300	0.68	10.77	45.57	7.00	1.53
34003057200	0.58	13.08	32.84	6.54	0.61
34003029100	1.23	15.57	27.81	9.38	4.10
34031175700	0.43	2.37	9.19	2.20	0.37
34003029200	2.27	11.53	25.37	10.81	3.68
34003041100	0.48	11.40	35.08	7.66	0.70
34003057102	0.52	11.25	55.54	9.28	0.49
34003012000	1.07	8.15	57.94	8.46	0.24
34003036200	5.11	12.38	18.42	15.63	11.29
34003005000	1.17	8.10	58.44	8.67	0.37
34003041300	0.40	12.49	33.03	5.51	0.48
34003045200	0.35	5.87	53.87	6.84	0.34
34003051100	0.82	9.44	47.66	5.78	0.27
34003045100	0.27	9.90	48.83	8.95	0.22
34003051300	1.06	10.68	56.27	8.80	0.53
34003051200	0.96	8.28	52.56	5.89	0.38
34003018200	0.55	8.99	26.20	5.75	0.51
34003051400	1.32	6.99	55.15	7.01	1.02
34017014600	0.46	1.74	6.63	1.55	0.70
34017019500	1.82	2.84	11.56	2.74	1.64

Table C.23: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.23	10.17	41.21	20.23	0.31
34003023100	0.42	17.66	19.73	24.46	1.57
34003023300	0.37	13.13	30.17	18.02	1.20
34003023200	0.34	16.81	26.77	19.58	1.15
34003033200	0.29	12.96	32.42	23.10	0.63
34003033300	0.38	12.45	32.29	17.94	1.00
34003054400	0.46	12.77	22.06	15.38	1.39
34003052200	0.28	12.29	34.38	17.80	0.16
34003023500	0.38	18.85	26.69	19.74	1.65
34003030100	0.32	9.47	49.18	12.98	0.46
34003054500	0.38	10.56	22.51	13.85	0.74
34003023401	0.38	15.89	32.99	15.70	1.30
34003030300	0.34	21.38	31.40	16.50	0.23
34003030200	0.32	21.80	30.60	16.50	0.20
34003023402	0.30	10.76	48.79	13.64	1.37
34003021400	0.35	15.24	30.01	14.11	0.20
34003004000	0.40	12.24	26.65	13.64	1.12
34003054600	0.34	6.67	42.33	8.35	0.69
34003021300	0.30	14.30	27.45	12.76	0.21
34003023600	1.01	12.04	32.85	17.81	2.58
34003030400	0.43	16.33	34.83	13.06	0.35
34031175200	0.26	4.68	14.59	6.09	0.24
34003028001	0.45	6.46	34.53	8.04	0.49
34003025100	0.61	13.00	31.81	14.46	0.95
34003021500	0.39	18.75	25.80	16.55	0.28
34003021600	0.31	17.32	24.19	13.66	0.24
34003036100	1.24	10.56	32.27	22.73	3.90

Table C.24: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.43	16.35	35.61	15.36	0.53
34003046200	0.36	9.15	40.00	9.19	1.22
34003060000	0.55	10.52	41.95	17.30	1.00
34003046100	0.30	5.38	42.04	7.70	0.81
34031175900	0.28	4.17	13.20	5.26	0.27
34003057101	0.75	14.26	28.80	13.89	0.57
34003046300	0.29	9.09	40.76	10.81	0.94
34003057200	0.38	11.95	30.13	10.16	0.38
34003029100	0.47	14.12	24.17	13.94	2.47
34031175700	0.14	2.16	8.61	3.47	0.24
34003029200	0.70	10.09	21.92	16.10	2.22
34003041100	0.25	9.86	29.82	11.20	0.41
34003057102	0.76	10.01	50.94	14.64	0.31
34003012000	0.68	7.22	53.49	13.46	0.15
34003036200	1.18	12.24	16.22	23.83	7.00
34003005000	0.56	7.18	53.88	13.74	0.23
34003041300	0.21	10.27	28.59	8.08	0.28
34003045200	0.15	5.44	47.41	10.39	0.20
34003051100	1.83	8.21	44.19	9.18	0.17
34003045100	0.11	8.47	42.65	13.43	0.13
34003051300	0.81	9.58	51.86	14.01	0.34
34003051200	0.53	7.22	49.43	9.62	0.25
34003018200	0.16	7.42	21.77	8.15	0.29
34003051400	1.09	6.30	50.87	11.32	0.64
34017014600	0.14	1.42	5.59	2.19	0.41
34017019500	0.45	2.45	10.23	4.08	1.02

Table C.25: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.09	0.02	3.16	0.54
34003023100	0.13	0.04	6.39	1.14
34003023300	0.12	0.04	5.55	0.98
34003023200	0.11	0.03	5.36	0.97
34003033200	0.10	0.03	4.22	0.72
34003033300	0.12	0.03	5.00	0.85
34003054400	0.17	0.05	8.42	1.55
34003052200	0.11	0.02	3.44	0.59
34003023500	0.12	0.03	5.37	0.92
34003030100	0.09	0.02	3.51	0.57
34003054500	0.18	0.06	9.20	1.74
34003023401	0.11	0.03	4.84	0.81
34003030300	0.11	0.02	3.60	0.59
34003030200	0.11	0.02	3.33	0.56
34003023402	0.09	0.02	3.68	0.60
34003021400	0.13	0.02	3.57	0.62
34003004000	0.17	0.05	8.77	1.56
34003054600	0.14	0.05	7.23	1.37
34003021300	0.12	0.02	3.05	0.56
34003023600	0.13	0.04	6.12	1.02
34003030400	0.13	0.03	4.42	0.72
34031175200	0.11	0.02	2.48	0.50
34003028001	0.16	0.05	7.42	1.73
34003025100	0.16	0.04	6.11	0.96
34003021500	0.13	0.02	3.34	0.59
34003021600	0.11	0.02	2.75	0.52
34003036100	0.12	0.03	5.54	0.87

Table C.26: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.13	0.03	4.34	0.69
34003046200	0.14	0.05	7.63	1.35
34003060000	0.12	0.02	3.61	0.58
34003046100	0.15	0.05	8.19	1.53
34031175900	0.10	0.02	2.15	0.43
34003057101	0.15	0.03	3.63	0.66
34003046300	0.14	0.04	7.69	1.32
34003057200	0.12	0.02	2.61	0.51
34003029100	0.19	0.06	9.74	1.58
34031175700	0.10	0.02	2.19	0.43
34003029200	0.22	0.06	11.32	1.73
34003041100	0.16	0.05	7.49	1.77
34003057102	0.08	0.01	1.72	0.33
34003012000	0.10	0.02	2.21	0.42
34003036200	0.20	0.05	9.63	1.39
34003005000	0.11	0.02	2.70	0.47
34003041300	0.15	0.05	6.89	1.89
34003045200	0.12	0.04	5.70	1.40
34003051100	0.12	0.02	2.77	0.52
34003045100	0.10	0.04	4.82	1.48
34003051300	0.10	0.02	2.27	0.42
34003051200	0.13	0.02	2.90	0.54
34003018200	0.19	0.09	10.67	4.02
34003051400	0.16	0.02	3.57	0.65
34017014600	0.20	0.26	47.10	11.11
34017019500	0.40	0.19	39.05	8.12

Table C.27: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.86	2.28	0.20
34003023100	0.00	1.60	4.00	0.36
34003023300	0.00	1.39	3.55	0.32
34003023200	0.00	1.35	3.37	0.30
34003033200	0.00	1.09	2.85	0.25
34003033300	0.00	1.27	3.35	0.29
34003054400	0.00	2.11	5.15	0.47
34003052200	0.00	0.86	2.35	0.21
34003023500	0.00	1.28	3.35	0.29
34003030100	0.00	0.94	2.60	0.22
34003054500	0.00	2.40	5.74	0.54
34003023401	0.00	1.19	3.16	0.27
34003030300	0.00	0.83	2.34	0.20
34003030200	0.00	0.76	2.15	0.19
34003023402	0.00	0.99	2.68	0.23
34003021400	0.00	0.84	2.34	0.21
34003004000	0.00	2.19	5.52	0.49
34003054600	0.00	2.14	5.15	0.48
34003021300	0.00	0.74	2.01	0.19
34003023600	0.00	1.53	4.10	0.35
34003030400	0.00	1.02	2.90	0.24
34031175200	0.00	0.61	1.61	0.16
34003028001	0.00	2.45	5.06	0.56
34003025100	0.00	1.41	4.05	0.33
34003021500	0.00	0.78	2.17	0.20
34003021600	0.00	0.67	1.82	0.18
34003036100	0.00	1.38	3.89	0.32

Table C.28: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.99	2.86	0.24
34003046200	0.00	2.11	5.38	0.48
34003060000	0.00	0.88	2.58	0.22
34003046100	0.00	2.45	5.99	0.56
34031175900	0.00	0.54	1.44	0.14
34003057101	0.00	0.85	2.38	0.22
34003046300	0.00	2.11	5.53	0.48
34003057200	0.00	0.68	1.82	0.18
34003029100	0.00	2.29	6.29	0.52
34031175700	0.00	0.58	1.58	0.16
34003029200	0.00	2.52	7.27	0.58
34003041100	0.00	2.50	5.08	0.57
34003057102	0.00	0.48	1.30	0.13
34003012000	0.00	0.62	1.72	0.17
34003036200	0.00	2.04	6.23	0.47
34003005000	0.00	0.72	2.09	0.19
34003041300	0.00	2.58	4.64	0.60
34003045200	0.00	2.27	4.44	0.52
34003051100	0.00	0.72	2.00	0.19
34003045100	0.00	2.13	3.46	0.49
34003051300	0.00	0.61	1.74	0.16
34003051200	0.00	0.75	2.14	0.20
34003018200	0.00	5.15	7.12	1.19
34003051400	0.00	0.94	2.73	0.25
34017014600	0.00	14.56	32.62	4.19
34017019500	0.00	9.61	26.45	2.82

Table C.29: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.03	2.79	0.24
34003023100	0.01	0.05	5.32	0.46
34003023300	0.01	0.04	4.70	0.40
34003023200	0.01	0.04	4.76	0.41
34003033200	0.01	0.04	3.60	0.31
34003033300	0.01	0.04	4.35	0.37
34003054400	0.01	0.06	6.85	0.59
34003052200	0.01	0.03	2.96	0.27
34003023500	0.01	0.04	4.90	0.41
34003030100	0.01	0.03	3.24	0.27
34003054500	0.01	0.07	7.70	0.67
34003023401	0.01	0.04	4.54	0.38
34003030300	0.01	0.04	3.50	0.30
34003030200	0.01	0.04	3.23	0.28
34003023402	0.01	0.03	3.48	0.29
34003021400	0.01	0.04	3.25	0.30
34003004000	0.01	0.07	7.57	0.64
34003054600	0.01	0.06	6.52	0.56
34003021300	0.01	0.04	2.80	0.27
34003023600	0.01	0.05	5.37	0.44
34003030400	0.01	0.04	4.08	0.34
34031175200	0.01	0.04	2.41	0.25
34003028001	0.01	0.07	6.71	0.65
34003025100	0.01	0.05	5.22	0.42
34003021500	0.01	0.04	3.08	0.29
34003021600	0.01	0.04	2.65	0.26
34003036100	0.01	0.04	4.86	0.38

Table C.30: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.04	3.99	0.33
34003046200	0.01	0.06	7.00	0.58
34003060000	0.01	0.04	3.38	0.29
34003046100	0.01	0.06	7.51	0.64
34031175900	0.01	0.03	2.14	0.22
34003057101	0.01	0.04	3.31	0.31
34003046300	0.01	0.06	7.33	0.59
34003057200	0.01	0.04	2.48	0.25
34003029100	0.01	0.07	8.33	0.66
34031175700	0.01	0.03	2.08	0.21
34003029200	0.02	0.07	9.59	0.74
34003041100	0.01	0.07	7.08	0.69
34003057102	0.01	0.02	1.70	0.17
34003012000	0.01	0.03	2.15	0.21
34003036200	0.01	0.06	7.47	0.56
34003005000	0.01	0.03	2.62	0.23
34003041300	0.01	0.07	6.71	0.71
34003045200	0.01	0.05	5.68	0.55
34003051100	0.01	0.03	2.58	0.25
34003045100	0.01	0.05	4.94	0.55
34003051300	0.01	0.03	2.27	0.22
34003051200	0.01	0.03	2.74	0.26
34003018200	0.02	0.11	10.02	1.20
34003051400	0.01	0.04	3.37	0.31
34017014600	0.02	0.30	43.63	5.92
34017019500	0.03	0.22	35.47	3.30

Table C.31: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	1.20	0.15
34003023100	0.00	0.01	3.01	0.38
34003023300	0.00	0.01	2.84	0.36
34003023200	0.00	0.00	2.62	0.33
34003033200	0.00	0.00	1.80	0.23
34003033300	0.00	0.00	2.61	0.32
34003054400	0.00	0.01	4.80	0.61
34003052200	0.00	0.00	1.63	0.20
34003023500	0.00	0.00	2.69	0.33
34003030100	0.00	0.00	1.42	0.17
34003054500	0.00	0.01	5.20	0.67
34003023401	0.00	0.00	2.58	0.31
34003030300	0.00	0.00	1.94	0.23
34003030200	0.00	0.00	1.80	0.21
34003023402	0.00	0.00	1.42	0.17
34003021400	0.00	0.00	2.14	0.26
34003004000	0.00	0.01	4.78	0.58
34003054600	0.00	0.01	3.19	0.40
34003021300	0.00	0.00	1.88	0.23
34003023600	0.00	0.01	2.91	0.34
34003030400	0.00	0.01	2.62	0.30
34031175200	0.00	0.00	1.58	0.20
34003028001	0.00	0.01	3.61	0.50
34003025100	0.00	0.01	3.49	0.39
34003021500	0.00	0.00	1.99	0.24
34003021600	0.00	0.00	1.71	0.21
34003036100	0.00	0.00	2.46	0.27

Table C.32: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	2.42	0.27
34003046200	0.00	0.01	3.71	0.44
34003060000	0.00	0.00	1.77	0.19
34003046100	0.00	0.01	3.93	0.47
34031175900	0.00	0.00	1.17	0.14
34003057101	0.00	0.00	2.35	0.28
34003046300	0.00	0.01	3.76	0.43
34003057200	0.00	0.00	1.54	0.19
34003029100	0.00	0.01	6.02	0.68
34031175700	0.00	0.00	1.16	0.14
34003029200	0.00	0.01	7.55	0.81
34003041100	0.00	0.01	4.08	0.56
34003057102	0.00	0.00	0.78	0.09
34003012000	0.00	0.00	1.07	0.12
34003036200	0.00	0.01	6.02	0.61
34003005000	0.00	0.00	1.26	0.14
34003041300	0.00	0.01	3.81	0.56
34003045200	0.00	0.01	2.72	0.36
34003051100	0.00	0.00	1.50	0.17
34003045100	0.00	0.00	2.39	0.35
34003051300	0.00	0.00	1.17	0.13
34003051200	0.00	0.00	1.60	0.18
34003018200	0.00	0.02	8.17	1.25
34003051400	0.00	0.00	2.07	0.22
34017014600	0.00	0.10	61.95	9.45
34017019500	0.00	0.11	51.83	6.05

Table C.33: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.32	2.88	0.27
34003023100	0.00	0.63	5.44	0.50
34003023300	0.00	0.56	4.91	0.45
34003023200	0.00	0.56	4.79	0.44
34003033200	0.00	0.41	3.68	0.34
34003033300	0.00	0.51	4.58	0.42
34003054400	0.00	0.86	7.31	0.67
34003052200	0.00	0.36	3.15	0.31
34003023500	0.00	0.53	4.83	0.44
34003030100	0.00	0.36	3.38	0.31
34003054500	0.00	0.97	8.07	0.75
34003023401	0.00	0.50	4.59	0.42
34003030300	0.00	0.37	3.42	0.32
34003030200	0.00	0.35	3.16	0.31
34003023402	0.00	0.38	3.53	0.32
34003021400	0.00	0.39	3.39	0.34
34003004000	0.00	0.89	7.80	0.70
34003054600	0.00	0.81	6.74	0.62
34003021300	0.00	0.35	2.92	0.32
34003023600	0.00	0.59	5.52	0.49
34003030400	0.00	0.44	4.18	0.39
34031175200	0.00	0.31	2.35	0.28
34003028001	0.00	0.98	6.83	0.70
34003025100	0.00	0.57	5.60	0.49
34003021500	0.00	0.36	3.12	0.32
34003021600	0.00	0.33	2.65	0.29
34003036100	0.00	0.50	4.98	0.43

Table C.34: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.42	4.03	0.37
34003046200	0.00	0.81	7.21	0.64
34003060000	0.00	0.35	3.39	0.32
34003046100	0.00	0.90	7.72	0.70
34031175900	0.00	0.26	2.02	0.23
34003057101	0.00	0.40	3.41	0.36
34003046300	0.00	0.79	7.30	0.64
34003057200	0.00	0.32	2.53	0.29
34003029100	0.00	0.91	8.76	0.76
34031175700	0.00	0.26	2.11	0.24
34003029200	0.00	0.99	10.02	0.85
34003041100	0.00	0.99	6.88	0.71
34003057102	0.00	0.20	1.63	0.18
34003012000	0.00	0.25	2.13	0.23
34003036200	0.00	0.76	8.21	0.68
34003005000	0.00	0.29	2.61	0.26
34003041300	0.00	1.06	6.44	0.71
34003045200	0.00	0.82	5.49	0.57
34003051100	0.00	0.31	2.60	0.29
34003045100	0.00	0.82	4.50	0.52
34003051300	0.00	0.25	2.19	0.24
34003051200	0.00	0.32	2.77	0.30
34003018200	0.00	2.07	9.58	1.18
34003051400	0.00	0.38	3.44	0.36
34017014600	0.00	7.29	41.72	6.20
34017019500	0.00	4.29	37.47	3.98

Table C.35: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.24	0.05	2.60	0.32
34003023100	0.36	0.09	5.15	0.65
34003023300	0.33	0.08	4.39	0.55
34003023200	0.31	0.08	4.35	0.56
34003033200	0.28	0.06	3.40	0.41
34003033300	0.33	0.07	4.01	0.48
34003054400	0.44	0.12	6.47	0.84
34003052200	0.29	0.05	2.75	0.34
34003023500	0.33	0.08	4.52	0.55
34003030100	0.27	0.05	2.99	0.35
34003054500	0.47	0.13	7.16	0.96
34003023401	0.32	0.07	4.05	0.48
34003030300	0.32	0.05	3.08	0.36
34003030200	0.31	0.05	2.84	0.34
34003023402	0.25	0.05	3.24	0.38
34003021400	0.34	0.05	2.88	0.36
34003004000	0.47	0.12	7.07	0.89
34003054600	0.39	0.11	6.08	0.81
34003021300	0.33	0.04	2.47	0.32
34003023600	0.37	0.09	5.23	0.62
34003030400	0.37	0.06	3.66	0.42
34031175200	0.32	0.04	2.10	0.30
34003028001	0.45	0.13	6.22	1.01
34003025100	0.44	0.08	4.96	0.56
34003021500	0.36	0.05	2.77	0.35
34003021600	0.33	0.04	2.32	0.31
34003036100	0.35	0.08	4.93	0.55

Table C.36: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.37	0.06	3.70	0.42
34003046200	0.41	0.11	6.56	0.82
34003060000	0.36	0.05	3.17	0.37
34003046100	0.45	0.13	7.06	0.93
34031175900	0.29	0.04	1.89	0.27
34003057101	0.42	0.05	2.99	0.39
34003046300	0.41	0.11	6.83	0.83
34003057200	0.35	0.04	2.24	0.31
34003029100	0.53	0.13	8.21	0.95
34031175700	0.29	0.03	1.89	0.26
34003029200	0.61	0.15	9.43	1.03
34003041100	0.47	0.14	6.55	1.08
34003057102	0.25	0.03	1.57	0.22
34003012000	0.31	0.04	2.00	0.27
34003036200	0.59	0.13	8.30	0.86
34003005000	0.32	0.04	2.43	0.30
34003041300	0.46	0.14	6.10	1.16
34003045200	0.36	0.11	5.28	0.91
34003051100	0.37	0.04	2.40	0.32
34003045100	0.32	0.12	4.57	0.97
34003051300	0.33	0.04	2.09	0.28
34003051200	0.39	0.05	2.55	0.34
34003018200	0.56	0.28	9.31	2.40
34003051400	0.49	0.06	3.16	0.41
34017014600	0.62	0.69	42.11	7.44
34017019500	1.17	0.53	33.25	4.94

Table C.37: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	2.79	0.56
34003023100	0.00	0.01	5.39	1.03
34003023300	0.00	0.01	5.17	1.00
34003023200	0.00	0.01	5.08	0.99
34003033200	0.00	0.01	3.56	0.69
34003033300	0.00	0.01	4.73	0.91
34003054400	0.00	0.01	8.03	1.54
34003052200	0.00	0.00	3.18	0.66
34003023500	0.00	0.01	5.14	0.97
34003030100	0.00	0.00	3.46	0.66
34003054500	0.00	0.02	9.00	1.73
34003023401	0.00	0.01	5.03	0.95
34003030300	0.00	0.01	3.61	0.71
34003030200	0.00	0.00	3.34	0.68
34003023402	0.00	0.01	3.67	0.68
34003021400	0.00	0.01	3.64	0.77
34003004000	0.00	0.01	8.65	1.61
34003054600	0.00	0.01	7.48	1.42
34003021300	0.00	0.00	3.17	0.72
34003023600	0.00	0.01	5.64	1.04
34003030400	0.00	0.01	4.48	0.87
34031175200	0.00	0.00	2.61	0.64
34003028001	0.00	0.02	7.78	1.64
34003025100	0.00	0.01	5.80	1.06
34003021500	0.00	0.00	3.25	0.71
34003021600	0.00	0.00	2.87	0.66
34003036100	0.00	0.01	4.94	0.89

Table C.38: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	4.19	0.80
34003046200	0.00	0.01	7.95	1.46
34003060000	0.00	0.00	3.39	0.67
34003046100	0.00	0.02	8.52	1.59
34031175900	0.00	0.00	2.20	0.53
34003057101	0.00	0.01	3.66	0.81
34003046300	0.00	0.01	7.88	1.41
34003057200	0.00	0.00	2.71	0.65
34003029100	0.00	0.01	9.41	1.68
34031175700	0.00	0.00	2.31	0.55
34003029200	0.00	0.02	10.62	1.85
34003041100	0.00	0.02	7.64	1.60
34003057102	0.00	0.00	1.65	0.39
34003012000	0.00	0.00	2.13	0.49
34003036200	0.00	0.01	8.37	1.43
34003005000	0.00	0.00	2.60	0.54
34003041300	0.00	0.02	7.45	1.67
34003045200	0.00	0.01	5.79	1.21
34003051100	0.00	0.00	2.76	0.63
34003045100	0.00	0.01	4.80	1.11
34003051300	0.00	0.00	2.21	0.49
34003051200	0.00	0.00	2.88	0.64
34003018200	0.00	0.04	11.18	2.72
34003051400	0.00	0.01	3.48	0.75
34017014600	0.00	0.15	47.13	13.87
34017019500	0.00	0.12	40.48	8.47

Table C.39: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	1.07	1.46	0.05
34003023100	0.00	1.88	2.40	0.08
34003023300	0.00	1.38	1.81	0.06
34003023200	0.00	1.31	1.65	0.05
34003033200	0.00	1.26	1.71	0.05
34003033300	0.00	1.29	1.79	0.06
34003054400	0.00	2.13	2.59	0.08
34003052200	0.00	1.06	1.45	0.05
34003023500	0.00	1.21	1.64	0.05
34003030100	0.00	1.14	1.66	0.05
34003054500	0.00	2.56	3.00	0.10
34003023401	0.00	1.10	1.54	0.05
34003030300	0.00	0.79	1.14	0.04
34003030200	0.00	0.73	1.04	0.03
34003023402	0.00	1.11	1.61	0.05
34003021400	0.00	0.88	1.19	0.04
34003004000	0.00	2.28	2.92	0.09
34003054600	0.00	2.55	2.99	0.10
34003021300	0.00	0.81	1.02	0.04
34003023600	0.00	1.59	2.26	0.07
34003030400	0.00	0.98	1.45	0.05
34031175200	0.00	0.66	0.75	0.03
34003028001	0.00	3.17	2.86	0.11
34003025100	0.00	1.50	2.33	0.07
34003021500	0.00	0.86	1.14	0.04
34003021600	0.00	0.71	0.87	0.03
34003036100	0.00	1.51	2.36	0.07

Table C.40: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.04	1.59	0.05
34003046200	0.00	2.24	2.93	0.09
34003060000	0.00	1.10	1.65	0.05
34003046100	0.00	2.99	3.58	0.12
34031175900	0.00	0.70	0.80	0.03
34003057101	0.00	0.99	1.28	0.04
34003046300	0.00	2.31	3.14	0.10
34003057200	0.00	0.82	0.97	0.04
34003029100	0.00	2.12	3.16	0.10
34031175700	0.00	0.76	0.90	0.03
34003029200	0.00	2.54	4.14	0.13
34003041100	0.00	3.22	2.84	0.11
34003057102	0.00	0.72	0.86	0.03
34003012000	0.00	1.01	1.25	0.04
34003036200	0.00	1.77	3.14	0.09
34003005000	0.00	1.12	1.55	0.05
34003041300	0.00	3.27	2.39	0.10
34003045200	0.00	3.71	3.10	0.12
34003051100	0.00	1.01	1.25	0.04
34003045100	0.00	3.77	2.39	0.11
34003051300	0.00	0.92	1.16	0.04
34003051200	0.00	1.09	1.40	0.05
34003018200	0.00	7.59	3.76	0.19
34003051400	0.00	1.41	1.86	0.06
34017014600	0.00	18.46	20.90	1.27
34017019500	0.00	14.98	17.66	0.71

Table C.41: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	2.54	0.66
34003023100	0.00	0.00	4.68	1.27
34003023300	0.00	0.00	4.44	1.19
34003023200	0.00	0.00	4.15	1.14
34003033200	0.00	0.00	3.26	0.85
34003033300	0.00	0.00	4.01	1.04
34003054400	0.00	0.00	6.76	1.89
34003052200	0.00	0.00	2.77	0.72
34003023500	0.00	0.00	4.14	1.08
34003030100	0.00	0.00	2.98	0.75
34003054500	0.00	0.00	7.47	2.14
34003023401	0.00	0.00	3.91	1.01
34003030300	0.00	0.00	2.88	0.72
34003030200	0.00	0.00	2.65	0.68
34003023402	0.00	0.00	3.09	0.78
34003021400	0.00	0.00	2.92	0.77
34003004000	0.00	0.00	7.16	1.94
34003054600	0.00	0.00	6.34	1.82
34003021300	0.00	0.00	2.51	0.70
34003023600	0.00	0.00	4.88	1.24
34003030400	0.00	0.00	3.68	0.91
34031175200	0.00	0.00	2.04	0.62
34003028001	0.00	0.00	6.47	2.25
34003025100	0.00	0.00	5.02	1.21
34003021500	0.00	0.00	2.66	0.71
34003021600	0.00	0.00	2.23	0.64
34003036100	0.00	0.00	4.23	1.02

Table C.42: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	3.54	0.86
34003046200	0.00	0.00	6.60	1.77
34003060000	0.00	0.00	2.96	0.73
34003046100	0.00	0.00	7.29	2.07
34031175900	0.00	0.00	1.77	0.53
34003057101	0.00	0.00	2.98	0.82
34003046300	0.00	0.00	6.63	1.73
34003057200	0.00	0.00	2.21	0.65
34003029100	0.00	0.00	7.94	1.97
34031175700	0.00	0.00	1.97	0.58
34003029200	0.00	0.00	9.14	2.16
34003041100	0.00	0.00	6.32	2.23
34003057102	0.00	0.00	1.46	0.42
34003012000	0.00	0.00	1.91	0.55
34003036200	0.00	0.00	7.15	1.60
34003005000	0.00	0.00	2.32	0.61
34003041300	0.00	0.00	5.94	2.42
34003045200	0.00	0.00	4.95	1.82
34003051100	0.00	0.00	2.45	0.70
34003045100	0.00	0.00	4.03	1.83
34003051300	0.00	0.00	1.95	0.55
34003051200	0.00	0.00	2.59	0.72
34003018200	0.00	0.01	9.13	5.01
34003051400	0.00	0.00	3.16	0.87
34017014600	0.00	0.03	42.39	16.15
34017019500	0.00	0.01	35.09	10.98

Table C.43: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.02	1.51	0.06
34003023100	0.01	0.06	5.08	0.20
34003023300	0.01	0.05	3.91	0.15
34003023200	0.01	0.05	3.80	0.15
34003033200	0.01	0.04	2.54	0.10
34003033300	0.01	0.05	3.51	0.14
34003054400	0.01	0.08	7.05	0.28
34003052200	0.01	0.03	2.12	0.09
34003023500	0.01	0.05	3.89	0.15
34003030100	0.00	0.02	1.64	0.06
34003054500	0.01	0.08	7.60	0.30
34003023401	0.01	0.05	3.35	0.13
34003030300	0.01	0.04	2.57	0.10
34003030200	0.01	0.04	2.38	0.09
34003023402	0.00	0.02	1.65	0.06
34003021400	0.01	0.04	2.74	0.11
34003004000	0.01	0.07	6.47	0.24
34003054600	0.00	0.04	3.72	0.14
34003021300	0.01	0.04	2.33	0.10
34003023600	0.01	0.05	3.87	0.14
34003030400	0.01	0.05	3.29	0.12
34031175200	0.01	0.03	1.90	0.08
34003028001	0.01	0.05	4.48	0.20
34003025100	0.01	0.06	4.58	0.16
34003021500	0.01	0.04	2.73	0.11
34003021600	0.01	0.03	2.17	0.09
34003036100	0.01	0.04	3.48	0.12

Table C.44: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.04	3.10	0.11
34003046200	0.01	0.04	4.35	0.16
34003060000	0.01	0.03	2.20	0.08
34003046100	0.01	0.04	4.52	0.16
34031175900	0.01	0.02	1.40	0.06
34003057101	0.01	0.05	3.03	0.12
34003046300	0.01	0.04	4.43	0.15
34003057200	0.01	0.03	1.80	0.08
34003029100	0.01	0.08	8.30	0.28
34031175700	0.00	0.01	1.25	0.05
34003029200	0.01	0.10	10.85	0.35
34003041100	0.01	0.06	5.39	0.23
34003057102	0.00	0.01	0.90	0.04
34003012000	0.01	0.02	1.23	0.05
34003036200	0.01	0.10	10.37	0.32
34003005000	0.01	0.02	1.45	0.05
34003041300	0.01	0.06	4.89	0.22
34003045200	0.00	0.03	3.18	0.13
34003051100	0.01	0.02	1.67	0.07
34003045100	0.00	0.03	2.93	0.14
34003051300	0.01	0.02	1.34	0.05
34003051200	0.01	0.02	1.76	0.07
34003018200	0.02	0.12	11.27	0.55
34003051400	0.01	0.03	2.32	0.09
34017014600	0.02	0.63	74.04	2.94
34017019500	0.04	0.27	63.00	2.47

Table C.45: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.38	3.08	0.20
34003023100	0.00	0.77	5.93	0.37
34003023300	0.00	0.66	5.16	0.32
34003023200	0.00	0.66	5.04	0.31
34003033200	0.00	0.49	3.98	0.25
34003033300	0.00	0.59	4.81	0.30
34003054400	0.00	1.03	7.67	0.47
34003052200	0.00	0.40	3.33	0.22
34003023500	0.00	0.62	5.03	0.31
34003030100	0.00	0.41	3.50	0.22
34003054500	0.00	1.19	8.55	0.53
34003023401	0.00	0.57	4.71	0.29
34003030300	0.00	0.40	3.46	0.22
34003030200	0.00	0.38	3.19	0.21
34003023402	0.00	0.43	3.65	0.22
34003021400	0.00	0.42	3.44	0.24
34003004000	0.00	1.06	8.17	0.49
34003054600	0.00	0.96	6.97	0.43
34003021300	0.00	0.38	2.93	0.22
34003023600	0.00	0.70	5.79	0.34
34003030400	0.00	0.48	4.19	0.26
34031175200	0.00	0.32	2.32	0.19
34003028001	0.00	1.20	7.11	0.49
34003025100	0.00	0.64	5.78	0.34
34003021500	0.00	0.39	3.18	0.23
34003021600	0.00	0.35	2.65	0.20
34003036100	0.00	0.60	5.37	0.31

Table C.46: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.47	4.16	0.26
34003046200	0.00	0.95	7.37	0.44
34003060000	0.00	0.40	3.57	0.23
34003046100	0.00	1.08	7.96	0.48
34031175900	0.00	0.29	2.10	0.17
34003057101	0.00	0.44	3.48	0.26
34003046300	0.00	0.93	7.51	0.43
34003057200	0.00	0.34	2.54	0.20
34003029100	0.00	1.05	8.95	0.51
34031175700	0.00	0.28	2.08	0.16
34003029200	0.00	1.15	10.51	0.59
34003041100	0.00	1.24	7.22	0.49
34003057102	0.00	0.23	1.71	0.13
34003012000	0.00	0.29	2.22	0.17
34003036200	0.00	0.87	8.46	0.47
34003005000	0.00	0.32	2.73	0.19
34003041300	0.00	1.31	6.60	0.49
34003045200	0.00	1.04	5.80	0.40
34003051100	0.00	0.34	2.65	0.20
34003045100	0.00	1.09	4.89	0.38
34003051300	0.00	0.29	2.27	0.17
34003051200	0.00	0.35	2.80	0.21
34003018200	0.01	2.75	10.08	0.83
34003051400	0.00	0.43	3.52	0.25
34017014600	0.01	7.90	44.09	4.03
34017019500	0.01	5.07	38.08	2.63

Table C.47: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.04	0.30	2.59	0.29
34003023100	0.06	0.54	4.63	0.49
34003023300	0.06	0.51	4.38	0.47
34003023200	0.05	0.50	4.22	0.45
34003033200	0.05	0.37	3.26	0.35
34003033300	0.06	0.46	4.11	0.44
34003054400	0.07	0.76	6.34	0.67
34003052200	0.05	0.33	2.84	0.33
34003023500	0.05	0.47	4.23	0.44
34003030100	0.05	0.34	3.09	0.33
34003054500	0.07	0.86	6.99	0.74
34003023401	0.06	0.45	4.11	0.43
34003030300	0.05	0.33	2.99	0.33
34003030200	0.05	0.31	2.75	0.32
34003023402	0.04	0.35	3.24	0.34
34003021400	0.06	0.36	3.02	0.37
34003004000	0.07	0.79	6.84	0.71
34003054600	0.06	0.73	5.96	0.63
34003021300	0.06	0.33	2.59	0.34
34003023600	0.06	0.54	4.97	0.51
34003030400	0.06	0.40	3.73	0.41
34031175200	0.05	0.28	2.02	0.29
34003028001	0.07	0.89	5.90	0.70
34003025100	0.07	0.52	5.03	0.52
34003021500	0.06	0.33	2.71	0.34
34003021600	0.05	0.30	2.31	0.31
34003036100	0.05	0.46	4.57	0.46

Table C.48: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.06	0.39	3.64	0.39
34003046200	0.06	0.73	6.40	0.65
34003060000	0.05	0.34	3.15	0.36
34003046100	0.06	0.82	6.85	0.72
34031175900	0.05	0.25	1.83	0.26
34003057101	0.07	0.38	3.06	0.40
34003046300	0.06	0.72	6.51	0.65
34003057200	0.05	0.30	2.25	0.32
34003029100	0.07	0.80	7.61	0.76
34031175700	0.04	0.26	1.93	0.27
34003029200	0.08	0.88	8.95	0.87
34003041100	0.07	0.91	5.98	0.71
34003057102	0.04	0.20	1.51	0.21
34003012000	0.04	0.25	1.99	0.27
34003036200	0.07	0.69	7.39	0.71
34003005000	0.05	0.28	2.45	0.30
34003041300	0.07	0.99	5.56	0.71
34003045200	0.06	0.79	4.98	0.59
34003051100	0.05	0.30	2.39	0.32
34003045100	0.05	0.83	4.16	0.55
34003051300	0.04	0.25	2.04	0.27
34003051200	0.05	0.31	2.57	0.34
34003018200	0.10	2.01	8.29	1.17
34003051400	0.06	0.37	3.18	0.41
34017014600	0.14	5.97	38.48	6.13
34017019500	0.15	4.06	34.41	4.25

Table C.49: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.01	0.09	3.89	0.98	2.74
34003023100	0.02	0.10	4.63	1.09	3.97
34003023300	0.02	0.10	4.74	1.15	3.74
34003023200	0.02	0.09	4.28	1.03	3.51
34003033200	0.01	0.10	4.31	1.07	3.20
34003033300	0.02	0.10	4.75	1.16	3.60
34003054400	0.02	0.11	5.34	1.22	4.90
34003052200	0.02	0.12	5.26	1.34	3.49
34003023500	0.02	0.09	4.17	0.99	3.44
34003030100	0.01	0.08	3.75	0.91	2.74
34003054500	0.02	0.10	5.09	1.12	5.00
34003023401	0.02	0.09	4.27	1.03	3.31
34003030300	0.02	0.10	4.62	1.13	3.21
34003030200	0.02	0.10	4.75	1.18	3.20
34003023402	0.01	0.06	3.10	0.74	2.46
34003021400	0.02	0.13	6.04	1.52	3.89
34003004000	0.02	0.09	4.89	1.08	4.67
34003054600	0.02	0.07	3.55	0.76	3.66
34003021300	0.02	0.14	6.37	1.62	3.85
34003023600	0.02	0.08	3.96	0.90	3.50
34003030400	0.02	0.11	5.27	1.28	3.72
34031175200	0.02	0.13	6.27	1.57	3.57
34003028001	0.02	0.07	3.61	0.73	4.18
34003025100	0.02	0.11	5.64	1.33	4.32
34003021500	0.02	0.13	6.09	1.51	3.83
34003021600	0.02	0.13	6.00	1.50	3.59
34003036100	0.01	0.07	3.47	0.78	3.08

Table C.50: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.02	0.09	4.75	1.14	3.43
34003046200	0.02	0.07	3.66	0.79	3.69
34003060000	0.02	0.08	4.39	1.05	3.10
34003046100	0.02	0.06	3.51	0.73	3.80
34031175900	0.02	0.10	5.25	1.29	3.01
34003057101	0.02	0.13	6.80	1.64	4.26
34003046300	0.01	0.06	3.20	0.67	3.38
34003057200	0.02	0.12	6.33	1.53	3.57
34003029100	0.02	0.09	4.74	1.03	4.66
34031175700	0.02	0.12	6.55	1.57	3.09
34003029200	0.02	0.10	5.24	1.12	5.18
34003041100	0.02	0.06	3.31	0.66	3.92
34003057102	0.01	0.07	3.64	0.88	2.21
34003012000	0.01	0.07	4.07	0.98	2.61
34003036200	0.02	0.09	5.01	1.09	4.72
34003005000	0.01	0.07	3.78	0.90	2.62
34003041300	0.02	0.06	3.10	0.60	3.86
34003045200	0.01	0.04	2.24	0.43	2.74
34003051100	0.02	0.11	6.06	1.47	3.44
34003045100	0.01	0.03	1.97	0.37	2.53
34003051300	0.01	0.07	4.02	0.96	2.53
34003051200	0.02	0.10	6.02	1.46	3.39
34003018200	0.02	0.06	3.67	0.68	5.06
34003051400	0.02	0.09	5.34	1.25	3.49
34017014600	0.02	0.06	3.40	0.61	4.86
34017019500	0.03	0.09	5.69	1.07	6.68

Table C.51: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	2.03	2.87	0.43	6.62
34003023100	0.00	1.93	2.96	0.40	8.33
34003023300	0.00	2.09	3.10	0.44	8.02
34003023200	0.00	1.84	2.75	0.39	7.38
34003033200	0.00	2.06	2.97	0.43	7.24
34003033300	0.00	2.22	3.25	0.47	8.07
34003054400	0.00	2.11	3.32	0.44	10.03
34003052200	0.00	2.59	3.67	0.55	7.95
34003023500	0.00	1.74	2.65	0.36	7.18
34003030100	0.00	1.92	2.84	0.40	6.80
34003054500	0.00	1.98	3.22	0.41	10.42
34003023401	0.00	1.91	2.85	0.40	7.26
34003030300	0.00	2.08	3.06	0.43	6.96
34003030200	0.00	2.14	3.14	0.45	6.92
34003023402	0.00	1.52	2.31	0.32	6.01
34003021400	0.00	2.79	4.03	0.59	8.48
34003004000	0.00	1.93	3.13	0.40	9.83
34003054600	0.00	1.53	2.56	0.32	8.72
34003021300	0.00	2.99	4.27	0.63	8.43
34003023600	0.00	1.70	2.70	0.35	7.87
34003030400	0.00	2.36	3.53	0.49	8.17
34031175200	0.00	2.82	4.12	0.59	7.66
34003028001	0.00	1.41	2.47	0.29	9.47
34003025100	0.00	2.48	3.81	0.51	9.59
34003021500	0.00	2.72	4.01	0.57	8.25
34003021600	0.00	2.76	4.02	0.58	7.85
34003036100	0.00	1.54	2.48	0.32	7.26

Table C.52: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	2.11	3.20	0.44	7.58
34003046200	0.00	1.57	2.61	0.32	8.71
34003060000	0.00	2.09	3.19	0.43	7.40
34003046100	0.00	1.50	2.59	0.31	9.28
34031175900	0.00	2.38	3.54	0.50	6.64
34003057101	0.00	2.98	4.52	0.62	9.27
34003046300	0.00	1.36	2.33	0.28	8.12
34003057200	0.00	2.94	4.45	0.61	8.20
34003029100	0.00	1.86	3.11	0.39	10.08
34031175700	0.00	3.09	4.75	0.63	7.30
34003029200	0.00	2.03	3.43	0.42	11.17
34003041100	0.00	1.26	2.25	0.26	8.83
34003057102	0.00	1.82	2.77	0.38	5.51
34003012000	0.00	2.08	3.19	0.43	6.68
34003036200	0.00	1.97	3.30	0.41	10.26
34003005000	0.00	1.92	2.97	0.40	6.74
34003041300	0.00	1.13	2.08	0.23	8.58
34003045200	0.00	0.95	1.75	0.20	7.07
34003051100	0.00	2.89	4.41	0.59	8.19
34003045100	0.00	0.74	1.41	0.15	5.98
34003051300	0.00	1.98	3.09	0.41	6.37
34003051200	0.00	2.89	4.48	0.59	8.26
34003018200	0.00	1.26	2.42	0.26	11.03
34003051400	0.00	2.55	4.12	0.53	8.83
34017014600	0.00	1.16	2.31	0.24	10.96
34017019500	0.00	2.02	3.88	0.42	15.11

Table C.53: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.01	0.06	3.48	0.55	0.36
34003023100	0.01	0.07	3.97	0.56	0.40
34003023300	0.01	0.07	4.11	0.61	0.41
34003023200	0.01	0.07	3.90	0.57	0.40
34003033200	0.01	0.07	3.74	0.57	0.38
34003033300	0.01	0.08	4.21	0.63	0.41
34003054400	0.01	0.08	4.48	0.61	0.45
34003052200	0.01	0.08	4.58	0.71	0.45
34003023500	0.01	0.07	3.90	0.55	0.38
34003030100	0.01	0.06	3.54	0.51	0.32
34003054500	0.01	0.08	4.41	0.58	0.45
34003023401	0.01	0.07	4.10	0.59	0.39
34003030300	0.01	0.08	4.56	0.66	0.40
34003030200	0.01	0.08	4.69	0.68	0.41
34003023402	0.01	0.05	3.00	0.42	0.28
34003021400	0.01	0.10	5.60	0.83	0.49
34003004000	0.01	0.08	4.38	0.57	0.43
34003054600	0.01	0.06	3.33	0.42	0.34
34003021300	0.01	0.10	5.94	0.89	0.51
34003023600	0.01	0.07	3.59	0.47	0.34
34003030400	0.01	0.09	4.96	0.69	0.42
34031175200	0.01	0.10	6.21	0.88	0.48
34003028001	0.01	0.07	3.42	0.42	0.37
34003025100	0.01	0.09	4.92	0.66	0.42
34003021500	0.01	0.10	5.71	0.81	0.47
34003021600	0.01	0.10	5.87	0.85	0.47
34003036100	0.01	0.06	3.14	0.40	0.29

Table C.54: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.01	0.08	4.46	0.61	0.37
34003046200	0.01	0.07	3.49	0.44	0.34
34003060000	0.01	0.07	4.21	0.55	0.32
34003046100	0.01	0.07	3.35	0.41	0.34
34031175900	0.01	0.09	5.34	0.74	0.40
34003057101	0.01	0.10	6.33	0.85	0.47
34003046300	0.01	0.06	3.18	0.39	0.32
34003057200	0.01	0.10	6.12	0.81	0.43
34003029100	0.01	0.08	4.21	0.52	0.40
34031175700	0.01	0.09	6.27	0.79	0.37
34003029200	0.01	0.09	4.61	0.56	0.43
34003041100	0.01	0.07	3.28	0.39	0.35
34003057102	0.01	0.06	3.67	0.48	0.26
34003012000	0.01	0.07	4.05	0.51	0.28
34003036200	0.01	0.08	4.02	0.49	0.36
34003005000	0.01	0.06	3.76	0.48	0.27
34003041300	0.01	0.07	3.18	0.37	0.35
34003045200	0.01	0.05	2.35	0.27	0.25
34003051100	0.01	0.09	5.76	0.72	0.36
34003045100	0.01	0.05	2.14	0.24	0.24
34003051300	0.01	0.07	4.10	0.50	0.26
34003051200	0.01	0.09	5.77	0.70	0.34
34003018200	0.01	0.08	3.68	0.40	0.43
34003051400	0.01	0.08	5.16	0.61	0.33
34017014600	0.02	0.08	3.57	0.37	0.42
34017019500	0.02	0.12	5.51	0.58	0.54

Table C.55: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.01	1.60	0.40	0.33
34003023100	0.00	0.02	2.18	0.48	0.56
34003023300	0.00	0.02	2.51	0.58	0.58
34003023200	0.00	0.02	2.15	0.49	0.52
34003033200	0.00	0.02	1.98	0.48	0.43
34003033300	0.00	0.02	2.61	0.60	0.58
34003054400	0.00	0.02	2.96	0.62	0.83
34003052200	0.00	0.02	2.65	0.64	0.51
34003023500	0.00	0.02	2.09	0.45	0.51
34003030100	0.00	0.01	1.57	0.34	0.33
34003054500	0.00	0.02	2.71	0.54	0.82
34003023401	0.00	0.02	2.35	0.52	0.53
34003030300	0.00	0.02	2.58	0.55	0.51
34003030200	0.00	0.02	2.68	0.58	0.52
34003023402	0.00	0.01	1.20	0.25	0.28
34003021400	0.00	0.03	3.80	0.84	0.70
34003004000	0.00	0.02	2.47	0.48	0.72
34003054600	0.00	0.01	1.42	0.27	0.45
34003021300	0.00	0.04	4.12	0.91	0.70
34003023600	0.00	0.01	1.77	0.35	0.47
34003030400	0.00	0.02	3.17	0.65	0.63
34031175200	0.00	0.03	4.11	0.83	0.64
34003028001	0.00	0.01	1.52	0.27	0.56
34003025100	0.00	0.02	3.16	0.62	0.69
34003021500	0.00	0.03	3.74	0.78	0.66
34003021600	0.00	0.03	3.87	0.81	0.64
34003036100	0.00	0.01	1.40	0.27	0.37

Table C.56: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.02	2.62	0.52	0.53
34003046200	0.00	0.01	1.56	0.29	0.49
34003060000	0.00	0.01	2.06	0.39	0.40
34003046100	0.00	0.01	1.40	0.25	0.48
34031175900	0.00	0.02	2.93	0.57	0.45
34003057101	0.00	0.03	4.44	0.84	0.76
34003046300	0.00	0.01	1.30	0.24	0.43
34003057200	0.00	0.03	3.84	0.70	0.57
34003029100	0.00	0.01	2.51	0.46	0.75
34031175700	0.00	0.03	3.85	0.62	0.44
34003029200	0.00	0.02	2.88	0.52	0.87
34003041100	0.00	0.01	1.46	0.26	0.55
34003057102	0.00	0.01	1.65	0.30	0.26
34003012000	0.00	0.01	1.91	0.33	0.32
34003036200	0.00	0.01	2.55	0.45	0.72
34003005000	0.00	0.01	1.67	0.30	0.31
34003041300	0.00	0.01	1.33	0.23	0.54
34003045200	0.00	0.00	0.79	0.13	0.31
34003051100	0.00	0.02	3.38	0.56	0.48
34003045100	0.00	0.00	0.69	0.11	0.29
34003051300	0.00	0.01	2.02	0.33	0.32
34003051200	0.00	0.02	3.46	0.53	0.47
34003018200	0.00	0.01	1.76	0.28	0.79
34003051400	0.00	0.02	2.94	0.45	0.48
34017014600	0.00	0.01	1.64	0.23	0.75
34017019500	0.00	0.02	3.78	0.55	1.37

Table C.57: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.05	0.73	3.56	0.64	0.10
34003023100	0.05	0.79	3.99	0.63	0.11
34003023300	0.06	0.85	4.22	0.70	0.11
34003023200	0.05	0.77	3.86	0.63	0.11
34003033200	0.05	0.77	3.77	0.65	0.10
34003033300	0.06	0.88	4.38	0.73	0.12
34003054400	0.06	0.92	4.69	0.71	0.13
34003052200	0.07	0.99	4.85	0.86	0.13
34003023500	0.05	0.75	3.78	0.59	0.10
34003030100	0.05	0.73	3.64	0.59	0.09
34003054500	0.06	0.87	4.52	0.66	0.12
34003023401	0.06	0.82	4.08	0.66	0.10
34003030300	0.06	0.89	4.43	0.72	0.11
34003030200	0.07	0.92	4.56	0.75	0.11
34003023402	0.04	0.60	3.00	0.47	0.07
34003021400	0.09	1.17	5.81	0.97	0.14
34003004000	0.06	0.85	4.42	0.63	0.12
34003054600	0.05	0.64	3.37	0.47	0.09
34003021300	0.09	1.26	6.19	1.05	0.14
34003023600	0.05	0.70	3.62	0.53	0.09
34003030400	0.07	1.00	5.03	0.79	0.11
34031175200	0.09	1.21	6.06	0.98	0.13
34003028001	0.06	0.62	3.39	0.45	0.10
34003025100	0.07	1.03	5.21	0.78	0.12
34003021500	0.09	1.15	5.76	0.93	0.13
34003021600	0.09	1.18	5.88	0.96	0.13
34003036100	0.04	0.61	3.16	0.45	0.08

Table C.58: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.06	0.89	4.46	0.67	0.10
34003046200	0.05	0.67	3.52	0.49	0.09
34003060000	0.05	0.83	4.19	0.61	0.09
34003046100	0.05	0.63	3.37	0.45	0.09
34031175900	0.08	1.00	5.04	0.78	0.10
34003057101	0.10	1.28	6.51	0.98	0.13
34003046300	0.05	0.58	3.10	0.42	0.08
34003057200	0.10	1.22	6.25	0.93	0.12
34003029100	0.06	0.82	4.34	0.59	0.11
34031175700	0.10	1.22	6.38	0.90	0.10
34003029200	0.07	0.89	4.73	0.64	0.12
34003041100	0.05	0.57	3.11	0.40	0.09
34003057102	0.05	0.69	3.53	0.51	0.07
34003012000	0.05	0.79	4.00	0.56	0.07
34003036200	0.06	0.82	4.34	0.58	0.10
34003005000	0.05	0.74	3.73	0.53	0.07
34003041300	0.05	0.53	2.96	0.37	0.09
34003045200	0.04	0.40	2.22	0.28	0.06
34003051100	0.10	1.14	5.80	0.81	0.10
34003045100	0.04	0.33	1.89	0.23	0.06
34003051300	0.06	0.77	3.95	0.54	0.07
34003051200	0.09	1.15	5.85	0.78	0.09
34003018200	0.07	0.59	3.40	0.41	0.10
34003051400	0.09	1.01	5.25	0.68	0.09
34017014600	0.07	0.57	3.29	0.37	0.10
34017019500	0.10	1.02	5.68	0.65	0.15

Table C.59: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.03	0.16	3.21	0.60	2.08
34003023100	0.03	0.17	3.74	0.65	2.96
34003023300	0.03	0.18	3.76	0.67	2.74
34003023200	0.03	0.16	3.49	0.62	2.64
34003033200	0.03	0.17	3.48	0.64	2.39
34003033300	0.03	0.18	3.82	0.69	2.67
34003054400	0.04	0.18	4.11	0.69	3.48
34003052200	0.03	0.21	4.21	0.80	2.57
34003023500	0.03	0.16	3.51	0.61	2.68
34003030100	0.03	0.15	3.21	0.58	2.16
34003054500	0.04	0.16	3.97	0.65	3.60
34003023401	0.03	0.17	3.59	0.64	2.57
34003030300	0.03	0.19	3.96	0.72	2.54
34003030200	0.03	0.19	4.06	0.75	2.53
34003023402	0.02	0.12	2.74	0.48	2.00
34003021400	0.04	0.24	4.89	0.91	2.90
34003004000	0.04	0.16	3.95	0.65	3.48
34003054600	0.03	0.12	2.99	0.47	2.85
34003021300	0.04	0.26	5.18	0.98	2.89
34003023600	0.03	0.14	3.39	0.57	2.77
34003030400	0.04	0.20	4.37	0.78	2.85
34031175200	0.04	0.25	5.34	0.99	2.81
34003028001	0.04	0.11	3.03	0.45	3.24
34003025100	0.04	0.20	4.59	0.80	3.24
34003021500	0.04	0.24	5.06	0.93	2.94
34003021600	0.04	0.24	5.09	0.94	2.80
34003036100	0.03	0.13	3.10	0.51	2.54

Table C.60: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.04	0.18	4.06	0.72	2.71
34003046200	0.03	0.12	3.15	0.50	2.94
34003060000	0.03	0.17	3.87	0.68	2.52
34003046100	0.04	0.11	3.02	0.46	3.03
34031175900	0.03	0.21	4.65	0.84	2.46
34003057101	0.04	0.25	5.63	1.00	3.25
34003046300	0.03	0.11	2.85	0.44	2.78
34003057200	0.04	0.24	5.44	0.97	2.83
34003029100	0.04	0.15	4.00	0.64	3.63
34031175700	0.04	0.24	5.68	1.00	2.47
34003029200	0.05	0.17	4.38	0.69	3.99
34003041100	0.04	0.10	2.90	0.43	3.17
34003057102	0.03	0.15	3.35	0.59	1.88
34003012000	0.03	0.16	3.69	0.65	2.18
34003036200	0.04	0.16	4.33	0.69	3.77
34003005000	0.03	0.14	3.42	0.60	2.18
34003041300	0.04	0.09	2.74	0.39	3.15
34003045200	0.03	0.07	2.08	0.30	2.35
34003051100	0.04	0.22	5.27	0.93	2.76
34003045100	0.03	0.06	1.87	0.26	2.21
34003051300	0.03	0.15	3.71	0.65	2.15
34003051200	0.04	0.22	5.31	0.93	2.75
34003018200	0.05	0.10	3.20	0.44	4.07
34003051400	0.04	0.18	4.74	0.81	2.86
34017014600	0.05	0.09	3.05	0.41	4.03
34017019500	0.07	0.15	4.86	0.67	5.27

Table C.61: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.03	0.01	3.51	1.26	0.01
34003023100	0.04	0.01	4.04	1.28	0.01
34003023300	0.05	0.01	4.54	1.51	0.01
34003023200	0.04	0.01	4.18	1.39	0.01
34003033200	0.04	0.01	3.73	1.29	0.01
34003033300	0.05	0.01	4.62	1.55	0.01
34003054400	0.06	0.01	5.28	1.62	0.01
34003052200	0.04	0.01	4.96	1.75	0.01
34003023500	0.04	0.01	4.11	1.30	0.01
34003030100	0.04	0.01	3.80	1.23	0.01
34003054500	0.07	0.01	5.17	1.53	0.01
34003023401	0.05	0.01	4.57	1.48	0.01
34003030300	0.04	0.01	4.75	1.53	0.01
34003030200	0.04	0.01	4.89	1.60	0.01
34003023402	0.03	0.01	3.18	0.99	0.01
34003021400	0.05	0.02	6.31	2.10	0.01
34003004000	0.06	0.01	5.03	1.46	0.01
34003054600	0.05	0.01	3.84	1.09	0.01
34003021300	0.05	0.02	6.77	2.28	0.01
34003023600	0.04	0.01	3.78	1.11	0.01
34003030400	0.05	0.01	5.48	1.70	0.01
34031175200	0.05	0.02	6.78	2.15	0.01
34003028001	0.06	0.01	3.97	1.08	0.01
34003025100	0.06	0.01	5.51	1.64	0.01
34003021500	0.05	0.02	6.06	1.93	0.01
34003021600	0.05	0.02	6.42	2.07	0.01
34003036100	0.04	0.01	3.21	0.92	0.01

Table C.62: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.05	0.01	4.72	1.42	0.01
34003046200	0.05	0.01	3.98	1.12	0.01
34003060000	0.04	0.01	4.26	1.23	0.01
34003046100	0.06	0.01	3.82	1.04	0.01
34031175900	0.04	0.02	5.53	1.70	0.01
34003057101	0.06	0.02	7.05	2.09	0.01
34003046300	0.05	0.01	3.44	0.93	0.01
34003057200	0.05	0.02	6.72	1.98	0.01
34003029100	0.06	0.01	4.78	1.32	0.01
34031175700	0.04	0.02	6.99	1.94	0.01
34003029200	0.07	0.01	5.14	1.39	0.01
34003041100	0.06	0.01	3.54	0.94	0.01
34003057102	0.03	0.01	3.60	1.03	0.00
34003012000	0.04	0.01	4.05	1.12	0.01
34003036200	0.06	0.01	4.53	1.22	0.01
34003005000	0.04	0.01	3.77	1.06	0.01
34003041300	0.06	0.01	3.52	0.91	0.01
34003045200	0.04	0.00	2.40	0.61	0.01
34003051100	0.05	0.02	6.19	1.70	0.01
34003045100	0.04	0.00	2.07	0.51	0.01
34003051300	0.04	0.01	4.03	1.08	0.01
34003051200	0.05	0.02	6.13	1.61	0.01
34003018200	0.09	0.01	4.08	1.00	0.01
34003051400	0.05	0.01	5.38	1.38	0.01
34017014600	0.10	0.01	3.87	0.88	0.01
34017019500	0.12	0.01	6.31	1.46	0.02

Table C.63: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.06	2.87	1.79	0.12	1.41
34003023100	0.07	2.66	1.73	0.10	1.50
34003023300	0.06	2.41	1.54	0.09	1.27
34003023200	0.05	2.04	1.31	0.08	1.12
34003033200	0.06	2.76	1.73	0.11	1.39
34003033300	0.06	2.69	1.69	0.10	1.35
34003054400	0.07	2.45	1.64	0.09	1.48
34003052200	0.07	3.61	2.22	0.14	1.64
34003023500	0.05	1.97	1.27	0.07	1.06
34003030100	0.06	2.84	1.77	0.10	1.34
34003054500	0.08	2.40	1.66	0.09	1.57
34003023401	0.05	2.13	1.35	0.08	1.08
34003030300	0.05	2.36	1.46	0.09	1.05
34003030200	0.05	2.41	1.48	0.09	1.06
34003023402	0.05	2.13	1.35	0.08	1.08
34003021400	0.06	3.31	2.02	0.12	1.40
34003004000	0.07	2.38	1.63	0.09	1.49
34003054600	0.07	2.07	1.46	0.07	1.43
34003021300	0.06	3.52	2.13	0.13	1.40
34003023600	0.06	2.19	1.45	0.08	1.25
34003030400	0.06	2.77	1.72	0.10	1.24
34031175200	0.05	3.14	1.90	0.11	1.15
34003028001	0.08	1.85	1.39	0.07	1.49
34003025100	0.08	3.39	2.14	0.12	1.62
34003021500	0.06	3.39	2.07	0.12	1.36
34003021600	0.05	3.13	1.90	0.11	1.21
34003036100	0.06	2.21	1.47	0.08	1.25

Table C.64: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.06	2.80	1.74	0.10	1.25
34003046200	0.07	1.99	1.40	0.07	1.33
34003060000	0.07	3.26	2.01	0.11	1.38
34003046100	0.08	2.10	1.53	0.08	1.54
34031175900	0.05	3.23	1.97	0.11	1.18
34003057101	0.07	3.90	2.40	0.13	1.52
34003046300	0.07	1.81	1.30	0.06	1.28
34003057200	0.06	3.84	2.35	0.13	1.36
34003029100	0.07	2.21	1.53	0.08	1.41
34031175700	0.06	4.39	2.68	0.15	1.29
34003029200	0.09	2.74	1.91	0.10	1.76
34003041100	0.07	1.64	1.25	0.06	1.36
34003057102	0.05	3.00	1.83	0.10	1.10
34003012000	0.07	3.83	2.31	0.12	1.43
34003036200	0.07	2.37	1.63	0.08	1.42
34003005000	0.07	3.53	2.17	0.12	1.44
34003041300	0.07	1.36	1.08	0.05	1.22
34003045200	0.08	1.56	1.22	0.06	1.35
34003051100	0.07	4.61	2.75	0.15	1.52
34003045100	0.06	1.21	0.98	0.04	1.13
34003051300	0.06	3.40	2.06	0.11	1.23
34003051200	0.08	4.91	2.91	0.15	1.56
34003018200	0.09	1.60	1.30	0.06	1.60
34003051400	0.09	4.53	2.79	0.14	1.70
34017014600	0.12	1.87	1.54	0.07	1.95
34017019500	0.16	3.27	2.58	0.11	2.70

Table C.65: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.00	3.13	1.32	2.94
34003023100	0.00	0.00	3.41	1.32	3.90
34003023300	0.00	0.00	3.80	1.52	4.01
34003023200	0.00	0.00	3.33	1.32	3.64
34003033200	0.00	0.00	3.34	1.37	3.31
34003033300	0.00	0.00	3.83	1.55	3.86
34003054400	0.00	0.00	4.30	1.61	5.26
34003052200	0.00	0.00	4.22	1.79	3.74
34003023500	0.00	0.00	3.22	1.25	3.55
34003030100	0.00	0.00	3.19	1.28	3.11
34003054500	0.00	0.00	4.14	1.50	5.43
34003023401	0.00	0.00	3.47	1.37	3.58
34003030300	0.00	0.00	3.69	1.49	3.42
34003030200	0.00	0.00	3.79	1.55	3.41
34003023402	0.00	0.00	2.61	1.02	2.76
34003021400	0.00	0.01	4.94	2.04	4.23
34003004000	0.00	0.00	4.00	1.45	5.10
34003054600	0.00	0.00	3.12	1.10	4.30
34003021300	0.00	0.01	5.23	2.19	4.22
34003023600	0.00	0.00	3.16	1.17	3.73
34003030400	0.00	0.00	4.39	1.74	4.13
34031175200	0.00	0.01	5.13	2.10	3.89
34003028001	0.00	0.00	3.15	1.05	4.87
34003025100	0.00	0.00	4.64	1.79	4.74
34003021500	0.00	0.01	4.82	1.96	4.04
34003021600	0.00	0.01	4.85	1.99	3.86
34003036100	0.00	0.00	2.65	0.97	3.14

Table C.66: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.00	3.88	1.52	3.73
34003046200	0.00	0.00	3.17	1.11	4.27
34003060000	0.00	0.00	3.59	1.39	3.38
34003046100	0.00	0.00	3.12	1.06	4.52
34031175900	0.00	0.00	4.28	1.72	3.27
34003057101	0.00	0.01	5.56	2.18	4.64
34003046300	0.00	0.00	2.76	0.95	3.89
34003057200	0.00	0.01	5.33	2.10	4.00
34003029100	0.00	0.00	3.87	1.37	5.07
34031175700	0.00	0.01	5.84	2.26	3.67
34003029200	0.00	0.00	4.23	1.48	5.58
34003041100	0.00	0.00	2.79	0.91	4.42
34003057102	0.00	0.00	3.06	1.20	2.48
34003012000	0.00	0.00	3.49	1.36	2.98
34003036200	0.00	0.00	3.72	1.31	4.68
34003005000	0.00	0.00	3.24	1.25	2.98
34003041300	0.00	0.00	2.67	0.85	4.44
34003045200	0.00	0.00	1.95	0.62	3.18
34003051100	0.00	0.01	5.32	2.08	4.02
34003045100	0.00	0.00	1.65	0.51	2.82
34003051300	0.00	0.00	3.42	1.31	2.86
34003051200	0.00	0.01	5.34	2.06	4.00
34003018200	0.00	0.00	3.14	0.96	5.78
34003051400	0.00	0.00	4.71	1.76	4.10
34017014600	0.00	0.00	2.99	0.88	5.71
34017019500	0.00	0.01	5.08	1.56	7.95

Table C.67: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.05	2.01	0.14	0.19
34003023100	0.00	0.11	3.68	0.22	0.43
34003023300	0.00	0.09	3.46	0.22	0.37
34003023200	0.00	0.08	3.12	0.20	0.35
34003033200	0.00	0.07	2.79	0.19	0.28
34003033300	0.00	0.09	3.51	0.23	0.35
34003054400	0.00	0.13	4.34	0.25	0.55
34003052200	0.00	0.08	3.46	0.23	0.31
34003023500	0.00	0.08	3.02	0.18	0.34
34003030100	0.00	0.05	1.81	0.11	0.17
34003054500	0.00	0.13	3.95	0.22	0.55
34003023401	0.00	0.08	3.05	0.19	0.31
34003030300	0.00	0.09	3.41	0.20	0.31
34003030200	0.00	0.09	3.54	0.21	0.31
34003023402	0.00	0.04	1.40	0.08	0.15
34003021400	0.00	0.12	4.86	0.30	0.41
34003004000	0.00	0.11	3.33	0.18	0.44
34003054600	0.00	0.06	1.65	0.09	0.24
34003021300	0.00	0.12	5.08	0.31	0.40
34003023600	0.00	0.07	2.35	0.13	0.28
34003030400	0.00	0.10	3.98	0.23	0.36
34031175200	0.00	0.11	4.94	0.28	0.35
34003028001	0.00	0.08	1.88	0.09	0.32
34003025100	0.00	0.11	4.14	0.23	0.41
34003021500	0.00	0.12	5.12	0.30	0.41
34003021600	0.00	0.11	4.90	0.28	0.37
34003036100	0.00	0.06	1.97	0.10	0.24

Table C.68: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.09	3.36	0.19	0.31
34003046200	0.00	0.07	1.83	0.09	0.26
34003060000	0.00	0.07	2.57	0.13	0.23
34003046100	0.00	0.07	1.61	0.08	0.25
34031175900	0.00	0.08	3.50	0.19	0.25
34003057101	0.00	0.14	5.73	0.30	0.44
34003046300	0.00	0.06	1.53	0.08	0.23
34003057200	0.00	0.10	4.51	0.23	0.30
34003029100	0.00	0.13	3.46	0.18	0.47
34031175700	0.00	0.08	4.16	0.19	0.22
34003029200	0.00	0.16	4.14	0.21	0.57
34003041100	0.00	0.09	1.93	0.09	0.33
34003057102	0.00	0.05	1.90	0.09	0.14
34003012000	0.00	0.06	2.18	0.10	0.17
34003036200	0.00	0.17	4.38	0.21	0.56
34003005000	0.00	0.05	1.91	0.09	0.16
34003041300	0.00	0.08	1.71	0.08	0.31
34003045200	0.00	0.05	0.93	0.04	0.17
34003051100	0.00	0.09	3.77	0.17	0.25
34003045100	0.00	0.04	0.84	0.04	0.16
34003051300	0.00	0.06	2.31	0.10	0.17
34003051200	0.00	0.09	3.81	0.16	0.24
34003018200	0.00	0.13	2.42	0.11	0.49
34003051400	0.00	0.10	3.29	0.14	0.25
34017014600	0.00	0.13	1.95	0.08	0.41
34017019500	0.00	0.29	4.58	0.19	0.76

Table C.69: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.40	0.85	3.79	0.42	0.14
34003023100	0.34	0.93	4.34	0.42	0.14
34003023300	0.36	0.97	4.43	0.45	0.15
34003023200	0.31	0.88	4.05	0.41	0.14
34003033200	0.34	0.90	4.08	0.43	0.14
34003033300	0.39	1.01	4.59	0.47	0.15
34003054400	0.37	1.03	4.91	0.46	0.15
34003052200	0.64	1.16	5.11	0.55	0.18
34003023500	0.33	0.85	3.93	0.38	0.12
34003030100	0.36	0.83	3.76	0.37	0.11
34003054500	0.35	0.97	4.78	0.43	0.14
34003023401	0.36	0.91	4.18	0.41	0.13
34003030300	0.45	0.99	4.47	0.44	0.13
34003030200	0.47	1.02	4.59	0.46	0.14
34003023402	0.28	0.67	3.10	0.29	0.09
34003021400	0.68	1.32	5.87	0.60	0.18
34003004000	0.37	0.94	4.62	0.41	0.13
34003054600	0.25	0.69	3.48	0.30	0.10
34003021300	0.93	1.41	6.19	0.64	0.19
34003023600	0.32	0.79	3.79	0.34	0.10
34003030400	0.54	1.11	5.03	0.48	0.14
34031175200	0.88	1.34	5.98	0.59	0.16
34003028001	0.22	0.66	3.53	0.29	0.10
34003025100	0.56	1.16	5.36	0.49	0.14
34003021500	0.69	1.31	5.86	0.57	0.16
34003021600	0.78	1.32	5.86	0.58	0.16
34003036100	0.30	0.70	3.40	0.30	0.09

Table C.70: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.51	1.01	4.59	0.42	0.12
34003046200	0.27	0.71	3.59	0.30	0.10
34003060000	0.53	0.97	4.40	0.39	0.10
34003046100	0.23	0.66	3.47	0.28	0.09
34031175900	0.73	1.16	5.22	0.49	0.13
34003057101	0.90	1.46	6.61	0.60	0.15
34003046300	0.22	0.62	3.18	0.26	0.08
34003057200	0.97	1.38	6.25	0.57	0.14
34003029100	0.34	0.88	4.43	0.37	0.11
34031175700	1.38	1.37	6.28	0.54	0.12
34003029200	0.37	0.98	4.95	0.41	0.12
34003041100	0.19	0.60	3.26	0.26	0.09
34003057102	0.59	0.81	3.68	0.33	0.08
34003012000	0.57	0.92	4.16	0.36	0.08
34003036200	0.34	0.89	4.47	0.37	0.10
34003005000	0.46	0.85	3.89	0.34	0.08
34003041300	0.17	0.54	3.04	0.24	0.08
34003045200	0.13	0.42	2.34	0.18	0.06
34003051100	1.05	1.32	5.90	0.50	0.11
34003045100	0.11	0.35	2.05	0.15	0.05
34003051300	0.49	0.90	4.10	0.34	0.07
34003051200	0.79	1.32	5.90	0.48	0.09
34003018200	0.17	0.61	3.58	0.27	0.09
34003051400	0.44	1.16	5.37	0.43	0.09
34017014600	0.15	0.58	3.48	0.24	0.09
34017019500	0.25	1.00	5.77	0.41	0.13

Table C.71: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.08	0.71	3.15	0.58	0.10
34003023100	0.09	0.76	3.33	0.53	0.09
34003023300	0.10	0.84	3.70	0.62	0.11
34003023200	0.09	0.76	3.34	0.56	0.10
34003033200	0.09	0.75	3.29	0.58	0.10
34003033300	0.10	0.88	3.86	0.65	0.11
34003054400	0.11	0.90	3.99	0.61	0.11
34003052200	0.11	0.98	4.32	0.78	0.12
34003023500	0.09	0.74	3.25	0.52	0.09
34003030100	0.09	0.75	3.27	0.54	0.08
34003054500	0.12	0.86	3.85	0.56	0.11
34003023401	0.10	0.82	3.59	0.59	0.10
34003030300	0.10	0.87	3.81	0.63	0.09
34003030200	0.10	0.89	3.92	0.66	0.10
34003023402	0.07	0.61	2.70	0.43	0.07
34003021400	0.12	1.16	5.12	0.87	0.13
34003004000	0.11	0.86	3.80	0.55	0.10
34003054600	0.10	0.65	2.92	0.41	0.08
34003021300	0.13	1.23	5.45	0.94	0.14
34003023600	0.09	0.72	3.19	0.47	0.08
34003030400	0.11	1.00	4.41	0.70	0.10
34031175200	0.12	1.16	5.20	0.85	0.11
34003028001	0.11	0.64	2.87	0.39	0.08
34003025100	0.12	1.05	4.59	0.69	0.11
34003021500	0.12	1.12	4.97	0.81	0.11
34003021600	0.12	1.14	5.09	0.85	0.12
34003036100	0.08	0.64	2.84	0.41	0.07

Table C.72: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.10	0.91	3.97	0.61	0.09
34003046200	0.10	0.69	3.06	0.43	0.08
34003060000	0.10	0.88	3.83	0.57	0.08
34003046100	0.10	0.66	2.93	0.40	0.08
34031175900	0.11	1.01	4.56	0.72	0.09
34003057101	0.14	1.29	5.78	0.88	0.12
34003046300	0.09	0.61	2.71	0.37	0.07
34003057200	0.13	1.22	5.55	0.85	0.11
34003029100	0.12	0.83	3.69	0.51	0.09
34031175700	0.12	1.26	5.86	0.85	0.09
34003029200	0.13	0.94	4.13	0.57	0.10
34003041100	0.10	0.59	2.64	0.35	0.07
34003057102	0.08	0.73	3.25	0.48	0.06
34003012000	0.09	0.85	3.71	0.53	0.07
34003036200	0.12	0.87	3.82	0.52	0.09
34003005000	0.09	0.79	3.45	0.50	0.07
34003041300	0.10	0.56	2.50	0.32	0.07
34003045200	0.08	0.44	1.96	0.25	0.05
34003051100	0.13	1.20	5.31	0.76	0.09
34003045100	0.07	0.37	1.70	0.21	0.05
34003051300	0.09	0.83	3.65	0.51	0.06
34003051200	0.12	1.22	5.39	0.74	0.08
34003018200	0.13	0.63	2.86	0.35	0.08
34003051400	0.13	1.10	4.81	0.64	0.08
34017014600	0.15	0.66	2.92	0.34	0.08
34017019500	0.20	1.17	5.07	0.61	0.12

Table C.73: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.60	0.22
34003023100	0.00	0.01	0.61	0.22
34003023300	0.00	0.01	0.66	0.24
34003023200	0.00	0.01	0.60	0.22
34003033200	0.00	0.01	0.64	0.23
34003033300	0.00	0.01	0.67	0.24
34003054400	0.00	0.01	0.67	0.24
34003052200	0.00	0.01	0.78	0.28
34003023500	0.00	0.01	0.54	0.20
34003030100	0.00	0.01	0.50	0.18
34003054500	0.00	0.01	0.61	0.22
34003023401	0.00	0.01	0.57	0.21
34003030300	0.00	0.01	0.61	0.22
34003030200	0.00	0.01	0.64	0.23
34003023402	0.00	0.00	0.39	0.14
34003021400	0.00	0.01	0.83	0.30
34003004000	0.00	0.01	0.56	0.20
34003054600	0.00	0.00	0.40	0.14
34003021300	0.00	0.01	0.88	0.32
34003023600	0.00	0.01	0.46	0.17
34003030400	0.00	0.01	0.66	0.24
34031175200	0.00	0.01	0.78	0.29
34003028001	0.00	0.00	0.38	0.14
34003025100	0.00	0.01	0.65	0.24
34003021500	0.00	0.01	0.78	0.28
34003021600	0.00	0.01	0.78	0.28
34003036100	0.00	0.00	0.38	0.14

Table C.74: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.56	0.20
34003046200	0.00	0.00	0.39	0.14
34003060000	0.00	0.00	0.47	0.17
34003046100	0.00	0.00	0.35	0.13
34031175900	0.00	0.01	0.62	0.23
34003057101	0.00	0.01	0.77	0.28
34003046300	0.00	0.00	0.32	0.12
34003057200	0.00	0.01	0.69	0.25
34003029100	0.00	0.01	0.49	0.18
34031175700	0.00	0.01	0.64	0.24
34003029200	0.00	0.01	0.51	0.19
34003041100	0.00	0.00	0.32	0.12
34003057102	0.00	0.00	0.38	0.14
34003012000	0.00	0.00	0.38	0.14
34003036200	0.00	0.00	0.46	0.17
34003005000	0.00	0.00	0.36	0.14
34003041300	0.00	0.00	0.29	0.10
34003045200	0.00	0.00	0.19	0.07
34003051100	0.00	0.01	0.55	0.21
34003045100	0.00	0.00	0.16	0.06
34003051300	0.00	0.00	0.33	0.13
34003051200	0.00	0.01	0.47	0.18
34003018200	0.00	0.00	0.28	0.11
34003051400	0.00	0.00	0.37	0.15
34017014600	0.00	0.00	0.19	0.08
34017019500	0.00	0.00	0.33	0.13

Table C.75: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.23	0.43	0.12
34003023100	0.00	0.20	0.38	0.11
34003023300	0.00	0.23	0.42	0.12
34003023200	0.00	0.20	0.38	0.10
34003033200	0.00	0.23	0.43	0.12
34003033300	0.00	0.24	0.45	0.12
34003054400	0.00	0.22	0.41	0.11
34003052200	0.00	0.28	0.53	0.15
34003023500	0.00	0.18	0.34	0.09
34003030100	0.00	0.19	0.37	0.10
34003054500	0.00	0.20	0.38	0.10
34003023401	0.00	0.20	0.37	0.10
34003030300	0.00	0.21	0.40	0.11
34003030200	0.00	0.21	0.41	0.11
34003023402	0.00	0.15	0.29	0.08
34003021400	0.00	0.28	0.54	0.15
34003004000	0.00	0.18	0.35	0.10
34003054600	0.00	0.15	0.28	0.08
34003021300	0.00	0.30	0.57	0.16
34003023600	0.00	0.16	0.31	0.09
34003030400	0.00	0.22	0.43	0.12
34031175200	0.00	0.26	0.50	0.14
34003028001	0.00	0.13	0.26	0.07
34003025100	0.00	0.22	0.43	0.12
34003021500	0.00	0.26	0.50	0.14
34003021600	0.00	0.26	0.51	0.14
34003036100	0.00	0.14	0.27	0.07

Table C.76: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.19	0.37	0.10
34003046200	0.00	0.14	0.28	0.08
34003060000	0.00	0.17	0.33	0.09
34003046100	0.00	0.13	0.26	0.07
34031175900	0.00	0.21	0.41	0.11
34003057101	0.00	0.25	0.50	0.14
34003046300	0.00	0.12	0.23	0.06
34003057200	0.00	0.24	0.48	0.13
34003029100	0.00	0.16	0.32	0.09
34031175700	0.00	0.23	0.45	0.13
34003029200	0.00	0.17	0.33	0.09
34003041100	0.00	0.11	0.22	0.06
34003057102	0.00	0.14	0.28	0.08
34003012000	0.00	0.15	0.29	0.08
34003036200	0.00	0.15	0.30	0.09
34003005000	0.00	0.14	0.28	0.08
34003041300	0.00	0.10	0.19	0.05
34003045200	0.00	0.08	0.15	0.04
34003051100	0.00	0.20	0.39	0.11
34003045100	0.00	0.06	0.11	0.03
34003051300	0.00	0.13	0.25	0.07
34003051200	0.00	0.18	0.34	0.10
34003018200	0.00	0.10	0.18	0.05
34003051400	0.00	0.15	0.28	0.08
34017014600	0.00	0.07	0.13	0.04
34017019500	0.00	0.12	0.22	0.07

Table C.77: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.54	0.19
34003023100	0.00	0.01	0.53	0.19
34003023300	0.00	0.01	0.58	0.20
34003023200	0.00	0.01	0.55	0.19
34003033200	0.00	0.01	0.55	0.19
34003033300	0.00	0.01	0.59	0.21
34003054400	0.00	0.01	0.57	0.20
34003052200	0.00	0.01	0.68	0.24
34003023500	0.00	0.01	0.51	0.18
34003030100	0.00	0.01	0.47	0.17
34003054500	0.00	0.01	0.53	0.19
34003023401	0.00	0.01	0.55	0.19
34003030300	0.00	0.01	0.61	0.21
34003030200	0.00	0.01	0.64	0.22
34003023402	0.00	0.01	0.38	0.14
34003021400	0.00	0.01	0.78	0.27
34003004000	0.00	0.01	0.51	0.18
34003054600	0.00	0.01	0.38	0.14
34003021300	0.00	0.01	0.83	0.29
34003023600	0.00	0.01	0.42	0.15
34003030400	0.00	0.01	0.63	0.22
34031175200	0.00	0.01	0.79	0.28
34003028001	0.00	0.01	0.36	0.13
34003025100	0.00	0.01	0.58	0.21
34003021500	0.00	0.01	0.74	0.26
34003021600	0.00	0.01	0.77	0.27
34003036100	0.00	0.01	0.35	0.12

Table C.78: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.54	0.19
34003046200	0.00	0.01	0.38	0.14
34003060000	0.00	0.01	0.46	0.16
34003046100	0.00	0.01	0.35	0.12
34031175900	0.00	0.01	0.65	0.23
34003057101	0.00	0.01	0.73	0.26
34003046300	0.00	0.01	0.33	0.12
34003057200	0.00	0.01	0.69	0.24
34003029100	0.00	0.01	0.44	0.16
34031175700	0.00	0.01	0.64	0.22
34003029200	0.00	0.01	0.46	0.17
34003041100	0.00	0.01	0.33	0.12
34003057102	0.00	0.01	0.40	0.14
34003012000	0.00	0.01	0.39	0.14
34003036200	0.00	0.01	0.38	0.14
34003005000	0.00	0.01	0.37	0.14
34003041300	0.00	0.00	0.30	0.11
34003045200	0.00	0.00	0.21	0.08
34003051100	0.00	0.01	0.54	0.20
34003045100	0.00	0.00	0.18	0.07
34003051300	0.00	0.01	0.35	0.13
34003051200	0.00	0.01	0.47	0.17
34003018200	0.00	0.00	0.29	0.11
34003051400	0.00	0.01	0.37	0.14
34017014600	0.00	0.00	0.21	0.08
34017019500	0.00	0.01	0.33	0.13

Table C.79: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.20	0.13
34003023100	0.00	0.00	0.23	0.15
34003023300	0.00	0.00	0.28	0.18
34003023200	0.00	0.00	0.24	0.16
34003033200	0.00	0.00	0.24	0.15
34003033300	0.00	0.00	0.29	0.19
34003054400	0.00	0.00	0.29	0.19
34003052200	0.00	0.00	0.32	0.20
34003023500	0.00	0.00	0.21	0.14
34003030100	0.00	0.00	0.16	0.10
34003054500	0.00	0.00	0.25	0.16
34003023401	0.00	0.00	0.25	0.16
34003030300	0.00	0.00	0.26	0.17
34003030200	0.00	0.00	0.28	0.18
34003023402	0.00	0.00	0.12	0.08
34003021400	0.00	0.00	0.40	0.25
34003004000	0.00	0.00	0.21	0.14
34003054600	0.00	0.00	0.12	0.08
34003021300	0.00	0.00	0.44	0.27
34003023600	0.00	0.00	0.16	0.10
34003030400	0.00	0.00	0.30	0.19
34031175200	0.00	0.00	0.37	0.23
34003028001	0.00	0.00	0.12	0.08
34003025100	0.00	0.00	0.27	0.18
34003021500	0.00	0.00	0.36	0.22
34003021600	0.00	0.00	0.37	0.23
34003036100	0.00	0.00	0.11	0.07

Table C.80: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.23	0.15
34003046200	0.00	0.00	0.12	0.08
34003060000	0.00	0.00	0.16	0.10
34003046100	0.00	0.00	0.10	0.07
34031175900	0.00	0.00	0.25	0.15
34003057101	0.00	0.00	0.36	0.22
34003046300	0.00	0.00	0.10	0.06
34003057200	0.00	0.00	0.29	0.18
34003029100	0.00	0.00	0.19	0.13
34031175700	0.00	0.00	0.23	0.14
34003029200	0.00	0.00	0.20	0.13
34003041100	0.00	0.00	0.10	0.07
34003057102	0.00	0.00	0.12	0.07
34003012000	0.00	0.00	0.12	0.08
34003036200	0.00	0.00	0.17	0.11
34003005000	0.00	0.00	0.11	0.07
34003041300	0.00	0.00	0.09	0.06
34003045200	0.00	0.00	0.05	0.03
34003051100	0.00	0.00	0.19	0.12
34003045100	0.00	0.00	0.04	0.03
34003051300	0.00	0.00	0.10	0.07
34003051200	0.00	0.00	0.16	0.10
34003018200	0.00	0.00	0.09	0.07
34003051400	0.00	0.00	0.12	0.08
34017014600	0.00	0.00	0.06	0.04
34017019500	0.00	0.00	0.14	0.10

Table C.81: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.09	0.55	0.23
34003023100	0.00	0.08	0.53	0.22
34003023300	0.00	0.09	0.60	0.25
34003023200	0.00	0.08	0.54	0.23
34003033200	0.00	0.09	0.56	0.24
34003033300	0.00	0.10	0.62	0.26
34003054400	0.00	0.09	0.60	0.25
34003052200	0.00	0.11	0.72	0.30
34003023500	0.00	0.08	0.50	0.21
34003030100	0.00	0.07	0.49	0.21
34003054500	0.00	0.08	0.55	0.23
34003023401	0.00	0.08	0.55	0.23
34003030300	0.00	0.09	0.59	0.25
34003030200	0.00	0.09	0.62	0.26
34003023402	0.00	0.06	0.39	0.16
34003021400	0.00	0.12	0.80	0.34
34003004000	0.00	0.08	0.51	0.22
34003054600	0.00	0.06	0.38	0.16
34003021300	0.00	0.13	0.86	0.36
34003023600	0.00	0.06	0.43	0.18
34003030400	0.00	0.10	0.64	0.27
34031175200	0.00	0.12	0.77	0.32
34003028001	0.00	0.05	0.36	0.16
34003025100	0.00	0.09	0.61	0.26
34003021500	0.00	0.11	0.75	0.32
34003021600	0.00	0.12	0.77	0.32
34003036100	0.00	0.05	0.35	0.15

Table C.82: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.08	0.53	0.23
34003046200	0.00	0.06	0.38	0.16
34003060000	0.00	0.07	0.45	0.20
34003046100	0.00	0.05	0.35	0.15
34031175900	0.00	0.09	0.61	0.26
34003057101	0.00	0.11	0.75	0.32
34003046300	0.00	0.05	0.32	0.14
34003057200	0.00	0.11	0.70	0.30
34003029100	0.00	0.07	0.46	0.20
34031175700	0.00	0.10	0.64	0.27
34003029200	0.00	0.07	0.47	0.20
34003041100	0.00	0.05	0.31	0.13
34003057102	0.00	0.06	0.38	0.16
34003012000	0.00	0.06	0.38	0.17
34003036200	0.00	0.06	0.41	0.18
34003005000	0.00	0.06	0.37	0.16
34003041300	0.00	0.04	0.28	0.12
34003045200	0.00	0.03	0.20	0.09
34003051100	0.00	0.08	0.54	0.24
34003045100	0.00	0.02	0.16	0.07
34003051300	0.00	0.05	0.33	0.15
34003051200	0.00	0.07	0.47	0.21
34003018200	0.00	0.04	0.26	0.12
34003051400	0.00	0.06	0.37	0.17
34017014600	0.00	0.03	0.19	0.09
34017019500	0.00	0.06	0.33	0.16

Table C.83: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.02	0.49	0.15
34003023100	0.00	0.02	0.49	0.15
34003023300	0.00	0.02	0.53	0.16
34003023200	0.00	0.02	0.49	0.14
34003033200	0.00	0.02	0.51	0.15
34003033300	0.00	0.02	0.54	0.16
34003054400	0.00	0.02	0.52	0.15
34003052200	0.00	0.02	0.62	0.18
34003023500	0.00	0.01	0.46	0.14
34003030100	0.00	0.01	0.43	0.13
34003054500	0.00	0.01	0.47	0.14
34003023401	0.00	0.01	0.48	0.14
34003030300	0.00	0.02	0.52	0.16
34003030200	0.00	0.02	0.55	0.16
34003023402	0.00	0.01	0.35	0.10
34003021400	0.00	0.02	0.67	0.20
34003004000	0.00	0.01	0.45	0.13
34003054600	0.00	0.01	0.34	0.10
34003021300	0.00	0.02	0.71	0.21
34003023600	0.00	0.01	0.40	0.12
34003030400	0.00	0.02	0.55	0.16
34031175200	0.00	0.02	0.67	0.20
34003028001	0.00	0.01	0.32	0.09
34003025100	0.00	0.02	0.53	0.16
34003021500	0.00	0.02	0.65	0.19
34003021600	0.00	0.02	0.66	0.20
34003036100	0.00	0.01	0.34	0.10

Table C.84: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.48	0.14
34003046200	0.00	0.01	0.34	0.10
34003060000	0.00	0.01	0.41	0.12
34003046100	0.00	0.01	0.30	0.09
34031175900	0.00	0.02	0.55	0.16
34003057101	0.00	0.02	0.64	0.19
34003046300	0.00	0.01	0.29	0.09
34003057200	0.00	0.02	0.60	0.18
34003029100	0.00	0.01	0.41	0.12
34031175700	0.00	0.02	0.55	0.17
34003029200	0.00	0.01	0.43	0.13
34003041100	0.00	0.01	0.28	0.08
34003057102	0.00	0.01	0.35	0.11
34003012000	0.00	0.01	0.34	0.11
34003036200	0.00	0.01	0.40	0.12
34003005000	0.00	0.01	0.33	0.10
34003041300	0.00	0.01	0.25	0.08
34003045200	0.00	0.01	0.18	0.05
34003051100	0.00	0.01	0.47	0.15
34003045100	0.00	0.00	0.15	0.05
34003051300	0.00	0.01	0.31	0.10
34003051200	0.00	0.01	0.41	0.13
34003018200	0.00	0.01	0.24	0.08
34003051400	0.00	0.01	0.33	0.11
34017014600	0.00	0.01	0.17	0.06
34017019500	0.00	0.01	0.28	0.09

Table C.85: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.54	0.45
34003023100	0.00	0.00	0.53	0.45
34003023300	0.00	0.01	0.63	0.53
34003023200	0.00	0.01	0.58	0.48
34003033200	0.00	0.01	0.55	0.45
34003033300	0.00	0.01	0.65	0.54
34003054400	0.00	0.01	0.67	0.56
34003052200	0.00	0.01	0.73	0.61
34003023500	0.00	0.00	0.54	0.45
34003030100	0.00	0.00	0.51	0.42
34003054500	0.00	0.01	0.62	0.52
34003023401	0.00	0.01	0.61	0.51
34003030300	0.00	0.01	0.63	0.52
34003030200	0.00	0.01	0.66	0.55
34003023402	0.00	0.00	0.41	0.34
34003021400	0.00	0.01	0.87	0.72
34003004000	0.00	0.01	0.58	0.49
34003054600	0.00	0.00	0.43	0.37
34003021300	0.00	0.01	0.94	0.77
34003023600	0.00	0.00	0.45	0.38
34003030400	0.00	0.01	0.69	0.58
34031175200	0.00	0.01	0.86	0.71
34003028001	0.00	0.00	0.42	0.36
34003025100	0.00	0.01	0.65	0.54
34003021500	0.00	0.01	0.78	0.65
34003021600	0.00	0.01	0.84	0.69
34003036100	0.00	0.00	0.36	0.30

Table C.86: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.56	0.47
34003046200	0.00	0.00	0.43	0.37
34003060000	0.00	0.00	0.46	0.39
34003046100	0.00	0.00	0.39	0.34
34031175900	0.00	0.01	0.66	0.55
34003057101	0.00	0.01	0.81	0.68
34003046300	0.00	0.00	0.35	0.30
34003057200	0.00	0.01	0.75	0.63
34003029100	0.00	0.00	0.50	0.43
34031175700	0.00	0.01	0.70	0.59
34003029200	0.00	0.00	0.51	0.44
34003041100	0.00	0.00	0.35	0.30
34003057102	0.00	0.00	0.39	0.33
34003012000	0.00	0.00	0.39	0.33
34003036200	0.00	0.00	0.43	0.37
34003005000	0.00	0.00	0.37	0.32
34003041300	0.00	0.00	0.33	0.29
34003045200	0.00	0.00	0.21	0.19
34003051100	0.00	0.01	0.58	0.50
34003045100	0.00	0.00	0.18	0.16
34003051300	0.00	0.00	0.34	0.30
34003051200	0.00	0.00	0.50	0.43
34003018200	0.00	0.00	0.32	0.29
34003051400	0.00	0.00	0.39	0.35
34017014600	0.00	0.00	0.23	0.22
34017019500	0.00	0.00	0.38	0.36

Table C.87: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.36	0.28	0.04
34003023100	0.00	0.28	0.23	0.04
34003023300	0.00	0.27	0.22	0.03
34003023200	0.00	0.23	0.19	0.03
34003033200	0.00	0.32	0.26	0.04
34003033300	0.00	0.30	0.24	0.04
34003054400	0.00	0.25	0.21	0.03
34003052200	0.00	0.41	0.33	0.05
34003023500	0.00	0.20	0.17	0.03
34003030100	0.00	0.29	0.24	0.04
34003054500	0.00	0.24	0.20	0.03
34003023401	0.00	0.22	0.18	0.03
34003030300	0.00	0.24	0.19	0.03
34003030200	0.00	0.25	0.20	0.03
34003023402	0.00	0.21	0.17	0.03
34003021400	0.00	0.34	0.28	0.04
34003004000	0.00	0.22	0.19	0.03
34003054600	0.00	0.20	0.17	0.03
34003021300	0.00	0.36	0.29	0.05
34003023600	0.00	0.20	0.17	0.03
34003030400	0.00	0.26	0.22	0.03
34031175200	0.00	0.29	0.24	0.04
34003028001	0.00	0.17	0.15	0.02
34003025100	0.00	0.29	0.25	0.04
34003021500	0.00	0.32	0.27	0.04
34003021600	0.00	0.30	0.25	0.04
34003036100	0.00	0.19	0.16	0.03

Table C.88: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.24	0.21	0.03
34003046200	0.00	0.18	0.15	0.02
34003060000	0.00	0.25	0.22	0.03
34003046100	0.00	0.18	0.16	0.02
34031175900	0.00	0.28	0.23	0.04
34003057101	0.00	0.32	0.27	0.04
34003046300	0.00	0.15	0.13	0.02
34003057200	0.00	0.31	0.26	0.04
34003029100	0.00	0.18	0.16	0.02
34031175700	0.00	0.32	0.26	0.04
34003029200	0.00	0.22	0.19	0.03
34003041100	0.00	0.14	0.12	0.02
34003057102	0.00	0.23	0.19	0.03
34003012000	0.00	0.26	0.22	0.03
34003036200	0.00	0.18	0.15	0.02
34003005000	0.00	0.25	0.21	0.03
34003041300	0.00	0.11	0.10	0.02
34003045200	0.00	0.12	0.11	0.02
34003051100	0.00	0.31	0.25	0.04
34003045100	0.00	0.09	0.08	0.01
34003051300	0.00	0.21	0.17	0.03
34003051200	0.00	0.29	0.23	0.04
34003018200	0.00	0.12	0.10	0.02
34003051400	0.00	0.25	0.19	0.03
34017014600	0.00	0.11	0.09	0.02
34017019500	0.00	0.19	0.15	0.03

Table C.89: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.48	0.34
34003023100	0.00	0.00	0.45	0.31
34003023300	0.00	0.00	0.53	0.37
34003023200	0.00	0.00	0.46	0.32
34003033200	0.00	0.00	0.49	0.34
34003033300	0.00	0.00	0.53	0.38
34003054400	0.00	0.00	0.54	0.38
34003052200	0.00	0.00	0.62	0.44
34003023500	0.00	0.00	0.42	0.29
34003030100	0.00	0.00	0.42	0.30
34003054500	0.00	0.00	0.49	0.35
34003023401	0.00	0.00	0.46	0.32
34003030300	0.00	0.00	0.49	0.34
34003030200	0.00	0.00	0.51	0.36
34003023402	0.00	0.00	0.33	0.23
34003021400	0.00	0.00	0.67	0.47
34003004000	0.00	0.00	0.46	0.32
34003054600	0.00	0.00	0.35	0.25
34003021300	0.00	0.00	0.72	0.50
34003023600	0.00	0.00	0.37	0.26
34003030400	0.00	0.00	0.55	0.38
34031175200	0.00	0.00	0.64	0.45
34003028001	0.00	0.00	0.33	0.23
34003025100	0.00	0.00	0.54	0.38
34003021500	0.00	0.00	0.61	0.43
34003021600	0.00	0.00	0.62	0.44
34003036100	0.00	0.00	0.29	0.20

Table C.90: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.46	0.32
34003046200	0.00	0.00	0.34	0.24
34003060000	0.00	0.00	0.38	0.27
34003046100	0.00	0.00	0.31	0.22
34031175900	0.00	0.00	0.50	0.36
34003057101	0.00	0.00	0.62	0.44
34003046300	0.00	0.00	0.28	0.20
34003057200	0.00	0.00	0.58	0.41
34003029100	0.00	0.00	0.40	0.28
34031175700	0.00	0.00	0.57	0.41
34003029200	0.00	0.00	0.41	0.29
34003041100	0.00	0.00	0.27	0.19
34003057102	0.00	0.00	0.32	0.23
34003012000	0.00	0.00	0.32	0.24
34003036200	0.00	0.00	0.34	0.25
34003005000	0.00	0.00	0.31	0.23
34003041300	0.00	0.00	0.24	0.18
34003045200	0.00	0.00	0.17	0.12
34003051100	0.00	0.00	0.48	0.35
34003045100	0.00	0.00	0.14	0.10
34003051300	0.00	0.00	0.28	0.21
34003051200	0.00	0.00	0.41	0.31
34003018200	0.00	0.00	0.24	0.18
34003051400	0.00	0.00	0.32	0.25
34017014600	0.00	0.00	0.17	0.13
34017019500	0.00	0.00	0.29	0.23

Table C.91: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.25	0.05
34003023100	0.00	0.01	0.38	0.07
34003023300	0.00	0.01	0.39	0.07
34003023200	0.00	0.01	0.35	0.07
34003033200	0.00	0.01	0.33	0.06
34003033300	0.00	0.01	0.39	0.07
34003054400	0.00	0.01	0.42	0.08
34003052200	0.00	0.01	0.41	0.08
34003023500	0.00	0.01	0.31	0.06
34003030100	0.00	0.00	0.19	0.04
34003054500	0.00	0.01	0.36	0.07
34003023401	0.00	0.01	0.32	0.06
34003030300	0.00	0.01	0.35	0.06
34003030200	0.00	0.01	0.37	0.07
34003023402	0.00	0.00	0.14	0.03
34003021400	0.00	0.01	0.52	0.09
34003004000	0.00	0.01	0.29	0.06
34003054600	0.00	0.00	0.14	0.03
34003021300	0.00	0.01	0.54	0.10
34003023600	0.00	0.00	0.21	0.04
34003030400	0.00	0.01	0.38	0.07
34031175200	0.00	0.01	0.45	0.08
34003028001	0.00	0.00	0.15	0.03
34003025100	0.00	0.01	0.36	0.07
34003021500	0.00	0.01	0.49	0.09
34003021600	0.00	0.01	0.47	0.09
34003036100	0.00	0.00	0.16	0.03

Table C.92: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.29	0.06
34003046200	0.00	0.00	0.15	0.03
34003060000	0.00	0.00	0.19	0.04
34003046100	0.00	0.00	0.12	0.02
34031175900	0.00	0.01	0.29	0.05
34003057101	0.00	0.01	0.46	0.08
34003046300	0.00	0.00	0.11	0.02
34003057200	0.00	0.01	0.34	0.06
34003029100	0.00	0.01	0.26	0.05
34031175700	0.00	0.01	0.25	0.05
34003029200	0.00	0.01	0.29	0.06
34003041100	0.00	0.00	0.14	0.03
34003057102	0.00	0.00	0.14	0.03
34003012000	0.00	0.00	0.13	0.03
34003036200	0.00	0.01	0.29	0.06
34003005000	0.00	0.00	0.13	0.02
34003041300	0.00	0.00	0.11	0.02
34003045200	0.00	0.00	0.06	0.01
34003051100	0.00	0.00	0.21	0.04
34003045100	0.00	0.00	0.05	0.01
34003051300	0.00	0.00	0.12	0.02
34003051200	0.00	0.00	0.17	0.03
34003018200	0.00	0.00	0.13	0.03
34003051400	0.00	0.00	0.13	0.03
34017014600	0.00	0.00	0.07	0.02
34017019500	0.00	0.00	0.17	0.04

Table C.93: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.12	0.59	0.15
34003023100	0.00	0.12	0.58	0.15
34003023300	0.00	0.13	0.63	0.16
34003023200	0.00	0.12	0.57	0.14
34003033200	0.00	0.12	0.61	0.15
34003033300	0.00	0.13	0.65	0.16
34003054400	0.00	0.13	0.63	0.16
34003052200	0.00	0.16	0.76	0.19
34003023500	0.00	0.10	0.52	0.13
34003030100	0.00	0.10	0.50	0.13
34003054500	0.00	0.12	0.58	0.15
34003023401	0.00	0.11	0.57	0.14
34003030300	0.00	0.12	0.60	0.15
34003030200	0.00	0.13	0.63	0.16
34003023402	0.00	0.08	0.40	0.10
34003021400	0.00	0.16	0.81	0.21
34003004000	0.00	0.11	0.54	0.14
34003054600	0.00	0.08	0.40	0.10
34003021300	0.00	0.17	0.86	0.22
34003023600	0.00	0.09	0.45	0.11
34003030400	0.00	0.13	0.64	0.16
34031175200	0.00	0.15	0.76	0.19
34003028001	0.00	0.07	0.38	0.10
34003025100	0.00	0.12	0.63	0.16
34003021500	0.00	0.15	0.76	0.19
34003021600	0.00	0.15	0.77	0.19
34003036100	0.00	0.07	0.38	0.10

Table C.94: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.11	0.55	0.14
34003046200	0.00	0.08	0.39	0.10
34003060000	0.00	0.09	0.48	0.12
34003046100	0.00	0.07	0.36	0.09
34031175900	0.00	0.12	0.63	0.16
34003057101	0.00	0.15	0.76	0.20
34003046300	0.00	0.06	0.33	0.08
34003057200	0.00	0.14	0.70	0.18
34003029100	0.00	0.09	0.47	0.12
34031175700	0.00	0.12	0.63	0.16
34003029200	0.00	0.09	0.49	0.13
34003041100	0.00	0.06	0.32	0.08
34003057102	0.00	0.08	0.39	0.10
34003012000	0.00	0.08	0.40	0.11
34003036200	0.00	0.08	0.42	0.11
34003005000	0.00	0.08	0.38	0.10
34003041300	0.00	0.05	0.29	0.07
34003045200	0.00	0.04	0.21	0.06
34003051100	0.00	0.11	0.55	0.14
34003045100	0.00	0.03	0.17	0.05
34003051300	0.00	0.07	0.35	0.09
34003051200	0.00	0.10	0.47	0.13
34003018200	0.00	0.06	0.28	0.08
34003051400	0.00	0.08	0.38	0.11
34017014600	0.00	0.04	0.20	0.06
34017019500	0.00	0.07	0.34	0.10

Table C.95: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.09	0.50	0.21
34003023100	0.00	0.08	0.45	0.19
34003023300	0.00	0.10	0.53	0.22
34003023200	0.00	0.09	0.48	0.20
34003033200	0.00	0.09	0.49	0.21
34003033300	0.00	0.10	0.55	0.23
34003054400	0.00	0.09	0.51	0.22
34003052200	0.00	0.12	0.65	0.27
34003023500	0.00	0.08	0.43	0.18
34003030100	0.00	0.08	0.44	0.19
34003054500	0.00	0.09	0.47	0.20
34003023401	0.00	0.09	0.49	0.21
34003030300	0.00	0.09	0.51	0.22
34003030200	0.00	0.10	0.54	0.23
34003023402	0.00	0.06	0.35	0.15
34003021400	0.00	0.13	0.71	0.30
34003004000	0.00	0.08	0.44	0.19
34003054600	0.00	0.06	0.33	0.14
34003021300	0.00	0.14	0.76	0.32
34003023600	0.00	0.07	0.38	0.16
34003030400	0.00	0.10	0.56	0.24
34031175200	0.00	0.12	0.66	0.28
34003028001	0.00	0.05	0.31	0.13
34003025100	0.00	0.10	0.54	0.23
34003021500	0.00	0.12	0.65	0.27
34003021600	0.00	0.12	0.67	0.28
34003036100	0.00	0.06	0.32	0.13

Table C.96: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.09	0.48	0.20
34003046200	0.00	0.06	0.33	0.14
34003060000	0.00	0.07	0.41	0.18
34003046100	0.00	0.05	0.30	0.13
34031175900	0.00	0.10	0.55	0.23
34003057101	0.00	0.12	0.67	0.29
34003046300	0.00	0.05	0.28	0.12
34003057200	0.00	0.11	0.62	0.27
34003029100	0.00	0.07	0.39	0.17
34031175700	0.00	0.11	0.58	0.25
34003029200	0.00	0.07	0.41	0.18
34003041100	0.00	0.05	0.26	0.11
34003057102	0.00	0.06	0.35	0.15
34003012000	0.00	0.07	0.35	0.16
34003036200	0.00	0.07	0.36	0.16
34003005000	0.00	0.06	0.34	0.15
34003041300	0.00	0.04	0.23	0.10
34003045200	0.00	0.03	0.17	0.08
34003051100	0.00	0.09	0.49	0.22
34003045100	0.00	0.03	0.14	0.06
34003051300	0.00	0.06	0.31	0.14
34003051200	0.00	0.08	0.43	0.19
34003018200	0.00	0.04	0.22	0.10
34003051400	0.00	0.07	0.34	0.16
34017014600	0.00	0.03	0.17	0.08
34017019500	0.00	0.06	0.29	0.14

Table C.97: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.06	4.14	1.16
34003023100	0.00	0.04	2.76	0.78
34003023300	0.00	0.05	3.31	0.94
34003023200	0.00	0.05	2.84	0.80
34003033200	0.00	0.06	3.69	1.03
34003033300	0.00	0.06	3.61	1.04
34003054400	0.00	0.04	2.78	0.78
34003052200	0.00	0.10	6.61	2.02
34003023500	0.00	0.04	2.56	0.74
34003030100	0.00	0.05	2.86	0.91
34003054500	0.00	0.04	2.28	0.63
34003023401	0.00	0.05	2.92	0.86
34003030300	0.00	0.07	4.06	1.37
34003030200	0.00	0.08	4.77	1.62
34003023402	0.00	0.03	1.94	0.59
34003021400	0.00	0.12	7.68	2.74
34003004000	0.00	0.03	2.13	0.60
34003054600	0.00	0.02	1.37	0.38
34003021300	0.00	0.18	10.99	4.53
34003023600	0.00	0.03	1.91	0.56
34003030400	0.00	0.07	4.08	1.38
34031175200	0.00	0.40	24.23	24.02
34003028001	0.00	0.02	1.10	0.30
34003025100	0.00	0.05	3.35	1.03
34003021500	0.00	0.12	7.94	3.07
34003021600	0.00	0.18	11.96	5.50
34003036100	0.00	0.03	1.53	0.45

Table C.98: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.05	3.29	1.04
34003046200	0.00	0.02	1.34	0.38
34003060000	0.00	0.05	3.04	0.93
34003046100	0.00	0.02	1.07	0.31
34031175900	0.00	0.55	31.90	23.93
34003057101	0.00	0.11	7.49	2.65
34003046300	0.00	0.02	1.01	0.30
34003057200	0.00	0.20	13.69	5.89
34003029100	0.00	0.03	1.70	0.50
34031175700	0.00	0.34	52.60	10.68
34003029200	0.00	0.03	1.76	0.52
34003041100	0.00	0.02	0.87	0.25
34003057102	0.00	0.07	4.59	1.61
34003012000	0.00	0.06	3.67	1.17
34003036200	0.00	0.03	1.79	0.54
34003005000	0.00	0.04	2.62	0.84
34003041300	0.00	0.01	0.72	0.21
34003045200	0.00	0.01	0.51	0.15
34003051100	0.00	0.11	8.80	2.39
34003045100	0.00	0.01	0.41	0.12
34003051300	0.00	0.05	3.27	0.98
34003051200	0.00	0.08	6.13	1.67
34003018200	0.00	0.01	0.72	0.23
34003051400	0.00	0.05	3.44	0.98
34017014600	0.00	0.01	0.73	0.23
34017019500	0.00	0.03	1.48	0.47

Table C.99: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	2.05	3.05	0.43
34003023100	0.00	1.20	1.77	0.25
34003023300	0.00	1.48	2.16	0.31
34003023200	0.00	1.24	1.82	0.26
34003033200	0.00	1.70	2.54	0.36
34003033300	0.00	1.70	2.47	0.36
34003054400	0.00	1.17	1.74	0.24
34003052200	0.00	3.28	4.61	0.70
34003023500	0.00	1.13	1.63	0.24
34003030100	0.00	1.61	2.18	0.34
34003054500	0.00	0.96	1.45	0.20
34003023401	0.00	1.37	1.95	0.29
34003030300	0.00	2.09	2.70	0.45
34003030200	0.00	2.45	3.16	0.53
34003023402	0.00	1.04	1.45	0.22
34003021400	0.00	4.10	5.14	0.90
34003004000	0.00	0.93	1.37	0.19
34003054600	0.00	0.66	0.99	0.14
34003021300	0.00	6.44	7.41	1.48
34003023600	0.00	0.91	1.31	0.19
34003030400	0.00	2.13	2.75	0.46
34031175200	0.00	24.30	16.48	7.57
34003028001	0.00	0.51	0.76	0.11
34003025100	0.00	1.65	2.27	0.35
34003021500	0.00	4.40	5.25	1.00
34003021600	0.00	7.45	8.08	1.81
34003036100	0.00	0.78	1.10	0.16

Table C.100: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.64	2.22	0.35
34003046200	0.00	0.66	0.97	0.14
34003060000	0.00	1.57	2.22	0.34
34003046100	0.00	0.56	0.80	0.12
34031175900	0.00	24.89	21.77	8.32
34003057101	0.00	3.85	4.99	0.88
34003046300	0.00	0.52	0.74	0.11
34003057200	0.00	8.32	9.66	2.07
34003029100	0.00	0.79	1.12	0.17
34031175700	0.00	16.97	38.04	3.84
34003029200	0.00	0.82	1.16	0.17
34003041100	0.00	0.42	0.60	0.09
34003057102	0.00	2.68	3.51	0.61
34003012000	0.00	2.05	2.88	0.46
34003036200	0.00	0.84	1.19	0.18
34003005000	0.00	1.49	2.07	0.33
34003041300	0.00	0.34	0.49	0.07
34003045200	0.00	0.29	0.40	0.06
34003051100	0.00	3.96	6.38	0.87
34003045100	0.00	0.21	0.29	0.05
34003051300	0.00	1.75	2.52	0.38
34003051200	0.00	2.92	4.56	0.62
34003018200	0.00	0.36	0.48	0.08
34003051400	0.00	1.80	2.65	0.38
34017014600	0.00	0.38	0.50	0.08
34017019500	0.00	0.77	1.02	0.16

Table C.101: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.05	3.51	0.46
34003023100	0.00	0.03	2.27	0.31
34003023300	0.00	0.04	2.74	0.37
34003023200	0.00	0.03	2.47	0.34
34003033200	0.00	0.04	3.04	0.40
34003033300	0.00	0.04	3.05	0.42
34003054400	0.00	0.03	2.26	0.31
34003052200	0.00	0.08	5.43	0.75
34003023500	0.00	0.03	2.29	0.32
34003030100	0.00	0.04	2.56	0.37
34003054500	0.00	0.03	1.92	0.26
34003023401	0.00	0.04	2.67	0.37
34003030300	0.00	0.06	3.79	0.58
34003030200	0.00	0.07	4.44	0.68
34003023402	0.00	0.03	1.80	0.26
34003021400	0.00	0.11	6.69	1.05
34003004000	0.00	0.03	1.85	0.26
34003054600	0.00	0.02	1.26	0.17
34003021300	0.01	0.16	9.57	1.66
34003023600	0.00	0.02	1.67	0.24
34003030400	0.00	0.06	3.64	0.56
34031175200	0.01	0.70	21.56	8.70
34003028001	0.00	0.01	1.03	0.14
34003025100	0.00	0.04	2.79	0.41
34003021500	0.00	0.12	6.98	1.19
34003021600	0.01	0.21	10.86	2.17
34003036100	0.00	0.02	1.34	0.19

Table C.102: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.04	2.94	0.43
34003046200	0.00	0.02	1.25	0.18
34003060000	0.00	0.04	2.78	0.40
34003046100	0.00	0.01	1.00	0.15
34031175900	0.01	0.85	29.03	11.01
34003057101	0.00	0.10	6.58	1.05
34003046300	0.00	0.01	0.98	0.14
34003057200	0.01	0.23	12.38	2.42
34003029100	0.00	0.02	1.47	0.21
34031175700	0.00	0.39	46.19	4.00
34003029200	0.00	0.02	1.50	0.22
34003041100	0.00	0.01	0.86	0.13
34003057102	0.00	0.07	4.40	0.70
34003012000	0.00	0.05	3.51	0.52
34003036200	0.00	0.02	1.39	0.21
34003005000	0.00	0.04	2.50	0.38
34003041300	0.00	0.01	0.74	0.11
34003045200	0.00	0.01	0.53	0.08
34003051100	0.00	0.10	8.00	1.00
34003045100	0.00	0.01	0.44	0.07
34003051300	0.00	0.05	3.24	0.46
34003051200	0.00	0.07	5.72	0.73
34003018200	0.00	0.01	0.72	0.12
34003051400	0.00	0.05	3.28	0.45
34017014600	0.00	0.01	0.77	0.13
34017019500	0.00	0.02	1.43	0.23

Table C.103: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	2.53	0.47
34003023100	0.00	0.01	1.69	0.34
34003023300	0.00	0.01	2.37	0.46
34003023200	0.00	0.01	1.87	0.37
34003033200	0.00	0.01	2.40	0.45
34003033300	0.00	0.01	2.80	0.54
34003054400	0.00	0.01	1.92	0.38
34003052200	0.00	0.02	5.42	1.02
34003023500	0.00	0.01	1.72	0.34
34003030100	0.00	0.01	1.80	0.36
34003054500	0.00	0.00	1.45	0.29
34003023401	0.00	0.01	2.24	0.44
34003030300	0.00	0.01	3.61	0.74
34003030200	0.00	0.02	4.42	0.89
34003023402	0.00	0.00	1.06	0.21
34003021400	0.00	0.03	8.44	1.74
34003004000	0.00	0.00	1.34	0.27
34003054600	0.00	0.00	0.65	0.13
34003021300	0.00	0.05	13.46	3.00
34003023600	0.00	0.00	1.12	0.22
34003030400	0.00	0.01	3.88	0.80
34031175200	0.00	0.12	39.56	18.79
34003028001	0.00	0.00	0.52	0.11
34003025100	0.00	0.01	2.77	0.54
34003021500	0.00	0.03	9.06	1.97
34003021600	0.00	0.05	16.05	4.03
34003036100	0.00	0.00	0.82	0.16

Table C.104: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	2.81	0.54
34003046200	0.00	0.00	0.70	0.14
34003060000	0.00	0.01	2.23	0.40
34003046100	0.00	0.00	0.52	0.11
34031175900	0.00	0.19	48.85	20.63
34003057101	0.00	0.03	8.79	1.71
34003046300	0.00	0.00	0.50	0.11
34003057200	0.00	0.05	17.12	3.97
34003029100	0.00	0.00	1.14	0.23
34031175700	0.00	0.06	73.20	5.99
34003029200	0.00	0.00	1.23	0.25
34003041100	0.00	0.00	0.45	0.10
34003057102	0.00	0.01	3.73	0.70
34003012000	0.00	0.01	2.69	0.46
34003036200	0.00	0.00	1.19	0.24
34003005000	0.00	0.01	1.75	0.32
34003041300	0.00	0.00	0.36	0.08
34003045200	0.00	0.00	0.21	0.05
34003051100	0.00	0.02	8.54	1.13
34003045100	0.00	0.00	0.16	0.04
34003051300	0.00	0.01	2.38	0.38
34003051200	0.00	0.01	5.09	0.71
34003018200	0.00	0.00	0.39	0.09
34003051400	0.00	0.01	2.35	0.38
34017014600	0.00	0.00	0.36	0.08
34017019500	0.00	0.00	1.07	0.23

Table C.105: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.33	0.86	3.69	0.51
34003023100	0.15	0.56	2.33	0.33
34003023300	0.21	0.69	2.89	0.41
34003023200	0.19	0.60	2.51	0.35
34003033200	0.26	0.73	3.15	0.43
34003033300	0.23	0.78	3.25	0.46
34003054400	0.15	0.57	2.41	0.34
34003052200	0.43	1.46	5.93	0.86
34003023500	0.14	0.55	2.27	0.33
34003030100	0.13	0.70	2.71	0.41
34003054500	0.11	0.47	2.00	0.28
34003023401	0.17	0.67	2.73	0.40
34003030300	0.22	1.03	3.79	0.61
34003030200	0.26	1.21	4.45	0.71
34003023402	0.09	0.46	1.84	0.28
34003021400	0.47	2.01	7.17	1.18
34003004000	0.09	0.45	1.90	0.27
34003054600	0.06	0.30	1.29	0.18
34003021300	0.76	3.20	10.34	1.88
34003023600	0.08	0.42	1.72	0.25
34003030400	0.24	1.04	3.80	0.62
34031175200	0.86	14.38	22.25	9.34
34003028001	0.05	0.24	1.03	0.15
34003025100	0.19	0.78	3.03	0.46
34003021500	0.51	2.18	7.29	1.30
34003021600	0.72	3.84	11.31	2.37
34003036100	0.08	0.34	1.37	0.21

Table C.106: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.20	0.78	3.01	0.47
34003046200	0.05	0.31	1.28	0.19
34003060000	0.22	0.71	2.83	0.43
34003046100	0.05	0.25	1.02	0.15
34031175900	0.59	14.69	28.60	11.34
34003057101	0.52	1.93	6.96	1.16
34003046300	0.05	0.24	0.97	0.15
34003057200	0.63	4.19	13.05	2.67
34003029100	0.09	0.38	1.53	0.23
34031175700	0.52	8.67	48.23	4.55
34003029200	0.10	0.39	1.56	0.24
34003041100	0.04	0.20	0.81	0.12
34003057102	0.27	1.19	4.33	0.72
34003012000	0.24	0.90	3.53	0.54
34003036200	0.11	0.39	1.52	0.24
34003005000	0.19	0.65	2.53	0.40
34003041300	0.04	0.17	0.69	0.11
34003045200	0.03	0.13	0.50	0.08
34003051100	0.35	1.82	8.22	1.07
34003045100	0.03	0.10	0.39	0.06
34003051300	0.19	0.78	3.17	0.46
34003051200	0.26	1.33	5.87	0.78
34003018200	0.05	0.18	0.67	0.11
34003051400	0.19	0.81	3.36	0.48
34017014600	0.05	0.19	0.71	0.12
34017019500	0.12	0.40	1.48	0.24

Table C.107: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.10	3.41	0.69
34003023100	0.00	0.07	2.23	0.46
34003023300	0.00	0.08	2.62	0.54
34003023200	0.00	0.07	2.31	0.47
34003033200	0.00	0.09	2.98	0.60
34003033300	0.00	0.09	2.90	0.61
34003054400	0.00	0.06	2.14	0.43
34003052200	0.00	0.16	5.29	1.17
34003023500	0.00	0.06	2.15	0.45
34003030100	0.00	0.08	2.45	0.56
34003054500	0.00	0.05	1.78	0.35
34003023401	0.00	0.07	2.45	0.52
34003030300	0.00	0.11	3.48	0.85
34003030200	0.00	0.13	4.08	1.00
34003023402	0.00	0.05	1.71	0.37
34003021400	0.00	0.21	6.22	1.60
34003004000	0.00	0.05	1.72	0.35
34003054600	0.00	0.03	1.16	0.23
34003021300	0.00	0.32	8.93	2.63
34003023600	0.00	0.05	1.64	0.35
34003030400	0.00	0.11	3.39	0.82
34031175200	0.00	1.20	20.68	14.56
34003028001	0.00	0.03	0.93	0.18
34003025100	0.00	0.08	2.72	0.61
34003021500	0.00	0.23	6.60	1.84
34003021600	0.00	0.38	10.13	3.35
34003036100	0.00	0.04	1.36	0.29

Table C.108: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.09	2.81	0.64
34003046200	0.00	0.03	1.16	0.24
34003060000	0.00	0.08	2.68	0.60
34003046100	0.00	0.03	0.93	0.19
34031175900	0.00	1.19	28.16	15.60
34003057101	0.00	0.20	6.20	1.58
34003046300	0.00	0.03	0.90	0.19
34003057200	0.00	0.40	11.76	3.66
34003029100	0.00	0.04	1.43	0.31
34031175700	0.00	0.92	45.36	6.61
34003029200	0.00	0.05	1.47	0.32
34003041100	0.00	0.02	0.76	0.16
34003057102	0.00	0.13	4.22	1.07
34003012000	0.00	0.10	3.32	0.76
34003036200	0.00	0.05	1.54	0.34
34003005000	0.00	0.07	2.37	0.55
34003041300	0.00	0.02	0.64	0.14
34003045200	0.00	0.01	0.47	0.10
34003051100	0.00	0.20	7.64	1.50
34003045100	0.00	0.01	0.39	0.09
34003051300	0.00	0.09	3.02	0.66
34003051200	0.00	0.15	5.40	1.06
34003018200	0.00	0.02	0.63	0.14
34003051400	0.00	0.09	3.06	0.63
34017014600	0.00	0.02	0.65	0.15
34017019500	0.00	0.04	1.26	0.29

Table C.109: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	3.54	0.96
34003023100	0.00	0.01	2.32	0.66
34003023300	0.00	0.01	3.03	0.85
34003023200	0.00	0.01	2.66	0.75
34003033200	0.00	0.01	3.04	0.83
34003033300	0.00	0.01	3.35	0.94
34003054400	0.00	0.01	2.67	0.76
34003052200	0.00	0.02	5.89	1.67
34003023500	0.00	0.01	2.42	0.70
34003030100	0.00	0.01	2.76	0.83
34003054500	0.00	0.01	2.26	0.64
34003023401	0.00	0.01	2.99	0.86
34003030300	0.00	0.01	3.96	1.24
34003030200	0.00	0.02	4.65	1.44
34003023402	0.00	0.01	1.91	0.56
34003021400	0.00	0.03	7.58	2.42
34003004000	0.00	0.01	2.13	0.61
34003054600	0.00	0.00	1.45	0.42
34003021300	0.00	0.04	11.00	3.85
34003023600	0.00	0.01	1.77	0.52
34003030400	0.00	0.01	4.04	1.28
34031175200	0.00	0.18	24.29	19.17
34003028001	0.00	0.00	1.20	0.35
34003025100	0.00	0.01	3.13	0.95
34003021500	0.00	0.03	7.46	2.58
34003021600	0.00	0.04	11.99	4.82
34003036100	0.00	0.00	1.37	0.41

Table C.110: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	3.11	0.95
34003046200	0.00	0.00	1.43	0.42
34003060000	0.00	0.01	2.83	0.84
34003046100	0.00	0.00	1.15	0.35
34031175900	0.00	0.05	30.33	23.21
34003057101	0.00	0.03	7.36	2.38
34003046300	0.00	0.00	1.06	0.33
34003057200	0.00	0.04	13.69	5.40
34003029100	0.00	0.01	1.67	0.51
34031175700	0.00	0.18	51.38	9.26
34003029200	0.00	0.01	1.68	0.52
34003041100	0.00	0.00	0.93	0.29
34003057102	0.00	0.01	4.33	1.40
34003012000	0.00	0.01	3.51	1.06
34003036200	0.00	0.01	1.58	0.49
34003005000	0.00	0.01	2.52	0.78
34003041300	0.00	0.00	0.82	0.26
34003045200	0.00	0.00	0.54	0.18
34003051100	0.00	0.03	8.61	2.20
34003045100	0.00	0.00	0.43	0.14
34003051300	0.00	0.01	3.20	0.92
34003051200	0.00	0.02	6.08	1.59
34003018200	0.00	0.00	0.81	0.27
34003051400	0.00	0.01	3.43	0.97
34017014600	0.00	0.00	0.84	0.29
34017019500	0.00	0.01	1.65	0.55

Table C.111: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	3.93	1.90	0.11
34003023100	0.01	2.14	1.03	0.06
34003023300	0.01	2.23	1.07	0.06
34003023200	0.00	1.81	0.87	0.05
34003033200	0.01	3.02	1.48	0.09
34003033300	0.01	2.70	1.28	0.08
34003054400	0.00	1.74	0.85	0.05
34003052200	0.02	6.22	2.78	0.18
34003023500	0.00	1.65	0.78	0.05
34003030100	0.00	3.15	1.35	0.09
34003054500	0.00	1.48	0.74	0.04
34003023401	0.00	2.00	0.92	0.06
34003030300	0.01	3.18	1.28	0.09
34003030200	0.01	3.73	1.48	0.10
34003023402	0.00	1.87	0.85	0.05
34003021400	0.01	6.66	2.56	0.19
34003004000	0.00	1.44	0.71	0.04
34003054600	0.00	1.12	0.56	0.03
34003021300	0.02	11.01	3.64	0.30
34003023600	0.00	1.49	0.70	0.04
34003030400	0.01	3.30	1.33	0.09
34031175200	0.02	49.57	7.10	1.38
34003028001	0.00	0.83	0.42	0.02
34003025100	0.01	2.87	1.27	0.08
34003021500	0.01	7.61	2.68	0.21
34003021600	0.02	12.16	3.75	0.35
34003036100	0.00	1.39	0.65	0.04

Table C.112: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	2.78	1.20	0.08
34003046200	0.00	1.06	0.51	0.03
34003060000	0.01	3.07	1.39	0.09
34003046100	0.00	0.97	0.47	0.03
34031175900	0.02	42.37	11.72	2.09
34003057101	0.01	6.72	2.63	0.19
34003046300	0.00	0.86	0.41	0.03
34003057200	0.02	14.29	5.05	0.46
34003029100	0.00	1.16	0.55	0.03
34031175700	0.02	39.38	21.33	0.88
34003029200	0.00	1.36	0.64	0.04
34003041100	0.00	0.68	0.33	0.02
34003057102	0.01	5.75	2.30	0.17
34003012000	0.01	4.73	2.08	0.14
34003036200	0.00	1.25	0.58	0.04
34003005000	0.01	3.41	1.50	0.10
34003041300	0.00	0.52	0.25	0.02
34003045200	0.00	0.59	0.28	0.02
34003051100	0.01	7.99	3.98	0.23
34003045100	0.00	0.43	0.20	0.01
34003051300	0.01	3.72	1.67	0.11
34003051200	0.01	6.06	2.96	0.17
34003018200	0.00	0.56	0.25	0.02
34003051400	0.01	3.81	1.79	0.11
34017014600	0.00	0.75	0.33	0.02
34017019500	0.00	1.55	0.67	0.05

Table C.113: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	3.34	1.46
34003023100	0.00	0.01	2.03	0.90
34003023300	0.00	0.01	2.66	1.18
34003023200	0.00	0.01	2.21	0.97
34003033200	0.00	0.01	2.87	1.24
34003033300	0.00	0.01	2.91	1.31
34003054400	0.00	0.01	2.25	0.98
34003052200	0.00	0.01	5.32	2.53
34003023500	0.00	0.01	1.98	0.90
34003030100	0.00	0.01	2.44	1.20
34003054500	0.00	0.01	1.86	0.80
34003023401	0.00	0.01	2.37	1.09
34003030300	0.00	0.01	3.25	1.70
34003030200	0.00	0.01	3.81	2.00
34003023402	0.00	0.00	1.64	0.77
34003021400	0.00	0.02	6.29	3.47
34003004000	0.00	0.00	1.75	0.77
34003054600	0.00	0.00	1.21	0.52
34003021300	0.00	0.02	9.03	5.71
34003023600	0.00	0.00	1.53	0.70
34003030400	0.00	0.01	3.41	1.79
34031175200	0.00	0.04	20.05	29.98
34003028001	0.00	0.00	0.97	0.41
34003025100	0.00	0.01	2.76	1.33
34003021500	0.00	0.02	6.30	3.77
34003021600	0.00	0.02	9.69	6.89
34003036100	0.00	0.00	1.17	0.54

Table C.114: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	2.69	1.32
34003046200	0.00	0.00	1.17	0.52
34003060000	0.00	0.01	2.50	1.19
34003046100	0.00	0.00	0.96	0.44
34031175900	0.00	0.06	26.43	31.35
34003057101	0.00	0.01	6.14	3.36
34003046300	0.00	0.00	0.87	0.40
34003057200	0.00	0.02	11.56	7.75
34003029100	0.00	0.00	1.39	0.64
34031175700	0.00	0.03	47.59	14.61
34003029200	0.00	0.00	1.42	0.66
34003041100	0.00	0.00	0.74	0.33
34003057102	0.00	0.01	3.87	2.11
34003012000	0.00	0.01	3.15	1.56
34003036200	0.00	0.00	1.33	0.63
34003005000	0.00	0.01	2.25	1.12
34003041300	0.00	0.00	0.63	0.29
34003045200	0.00	0.00	0.45	0.21
34003051100	0.00	0.01	7.75	3.26
34003045100	0.00	0.00	0.34	0.16
34003051300	0.00	0.01	2.79	1.30
34003051200	0.00	0.01	5.45	2.30
34003018200	0.00	0.00	0.62	0.30
34003051400	0.00	0.01	3.04	1.35
34017014600	0.00	0.00	0.64	0.32
34017019500	0.00	0.00	1.32	0.66

Table C.115: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.28	0.12	3.20	0.15
34003023100	0.21	0.10	2.84	0.15
34003023300	0.27	0.12	3.27	0.17
34003023200	0.22	0.10	2.72	0.14
34003033200	0.30	0.13	3.39	0.17
34003033300	0.35	0.14	3.77	0.19
34003054400	0.19	0.10	2.82	0.15
34003052200	0.93	0.29	7.08	0.35
34003023500	0.19	0.09	2.49	0.13
34003030100	0.22	0.09	2.08	0.11
34003054500	0.13	0.07	2.12	0.11
34003023401	0.25	0.11	2.91	0.15
34003030300	0.55	0.22	4.78	0.26
34003030200	0.78	0.27	5.85	0.31
34003023402	0.10	0.05	1.23	0.06
34003021400	1.82	0.53	10.82	0.59
34003004000	0.11	0.06	1.81	0.09
34003054600	0.04	0.03	0.76	0.04
34003021300	3.68	0.92	16.67	0.99
34003023600	0.10	0.06	1.49	0.08
34003030400	0.39	0.22	4.88	0.26
34031175200	4.16	4.90	47.52	6.31
34003028001	0.03	0.02	0.65	0.04
34003025100	0.21	0.15	3.63	0.18
34003021500	1.24	0.67	12.45	0.71
34003021600	2.51	1.32	20.39	1.34
34003036100	0.07	0.04	1.16	0.06

Table C.116: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.25	0.15	3.62	0.18
34003046200	0.05	0.03	0.83	0.04
34003060000	0.23	0.11	2.78	0.13
34003046100	0.03	0.02	0.59	0.03
34031175900	1.70	6.37	58.57	6.00
34003057101	1.14	0.53	11.37	0.58
34003046300	0.03	0.02	0.59	0.03
34003057200	1.32	1.26	20.14	1.20
34003029100	0.09	0.06	1.57	0.08
34031175700	0.62	1.30	79.39	1.95
34003029200	0.11	0.07	1.77	0.09
34003041100	0.03	0.02	0.59	0.03
34003057102	0.32	0.20	4.33	0.21
34003012000	0.20	0.12	3.08	0.14
34003036200	0.14	0.08	2.05	0.11
34003005000	0.16	0.08	2.01	0.10
34003041300	0.02	0.02	0.46	0.03
34003045200	0.01	0.01	0.25	0.01
34003051100	0.34	0.31	9.56	0.33
34003045100	0.01	0.01	0.20	0.01
34003051300	0.14	0.10	2.74	0.11
34003051200	0.19	0.18	5.62	0.20
34003018200	0.03	0.02	0.54	0.03
34003051400	0.12	0.09	2.63	0.11
34017014600	0.03	0.02	0.44	0.03
34017019500	0.08	0.05	1.29	0.07

Table C.117: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.62	1.11	3.93	0.33
34003023100	0.40	0.72	2.54	0.22
34003023300	0.50	0.86	3.03	0.26
34003023200	0.44	0.75	2.63	0.23
34003033200	0.56	0.95	3.41	0.29
34003033300	0.56	0.98	3.41	0.30
34003054400	0.39	0.71	2.52	0.22
34003052200	0.96	1.88	6.24	0.55
34003023500	0.37	0.69	2.36	0.21
34003030100	0.43	0.88	2.80	0.26
34003054500	0.32	0.59	2.12	0.18
34003023401	0.45	0.82	2.79	0.25
34003030300	0.56	1.27	3.81	0.37
34003030200	0.65	1.50	4.47	0.44
34003023402	0.28	0.57	1.90	0.17
34003021400	1.02	2.51	7.24	0.73
34003004000	0.29	0.56	1.99	0.17
34003054600	0.19	0.37	1.33	0.12
34003021300	1.39	4.09	10.33	1.15
34003023600	0.26	0.52	1.80	0.16
34003030400	0.55	1.27	3.79	0.38
34031175200	1.31	19.62	21.76	5.70
34003028001	0.15	0.29	1.07	0.09
34003025100	0.43	0.96	3.11	0.29
34003021500	0.96	2.79	7.39	0.81
34003021600	1.18	4.87	11.24	1.44
34003036100	0.20	0.44	1.47	0.14

Table C.118: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.42	0.97	3.09	0.29
34003046200	0.18	0.37	1.30	0.12
34003060000	0.34	0.90	2.98	0.27
34003046100	0.14	0.30	1.05	0.10
34031175900	0.91	16.83	29.51	7.10
34003057101	0.79	2.42	7.06	0.72
34003046300	0.14	0.29	0.99	0.09
34003057200	0.87	5.10	13.04	1.62
34003029100	0.22	0.46	1.56	0.14
34031175700	1.24	10.89	47.49	2.78
34003029200	0.22	0.48	1.63	0.15
34003041100	0.12	0.25	0.85	0.08
34003057102	0.42	1.53	4.52	0.46
34003012000	0.43	1.14	3.67	0.34
34003036200	0.20	0.47	1.57	0.15
34003005000	0.32	0.83	2.64	0.25
34003041300	0.10	0.21	0.71	0.07
34003045200	0.07	0.16	0.53	0.05
34003051100	0.77	2.27	8.36	0.67
34003045100	0.06	0.13	0.42	0.04
34003051300	0.40	0.99	3.28	0.29
34003051200	0.69	1.63	5.92	0.48
34003018200	0.10	0.22	0.70	0.07
34003051400	0.47	1.00	3.43	0.30
34017014600	0.12	0.24	0.74	0.08
34017019500	0.23	0.48	1.49	0.15

Table C.119: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.61	0.92	3.35	0.47
34003023100	0.25	0.55	1.98	0.28
34003023300	0.38	0.71	2.58	0.36
34003023200	0.33	0.61	2.21	0.31
34003033200	0.46	0.76	2.81	0.39
34003033300	0.41	0.82	2.93	0.42
34003054400	0.25	0.56	2.07	0.29
34003052200	0.81	1.59	5.43	0.80
34003023500	0.23	0.56	1.99	0.29
34003030100	0.24	0.76	2.49	0.39
34003054500	0.19	0.46	1.72	0.24
34003023401	0.30	0.70	2.44	0.36
34003030300	0.38	1.08	3.34	0.54
34003030200	0.46	1.28	3.93	0.64
34003023402	0.16	0.49	1.69	0.25
34003021400	0.85	2.20	6.51	1.10
34003004000	0.16	0.45	1.65	0.24
34003054600	0.11	0.30	1.12	0.16
34003021300	1.41	3.64	9.39	1.76
34003023600	0.13	0.43	1.53	0.23
34003030400	0.43	1.10	3.41	0.56
34031175200	1.50	18.39	19.76	8.88
34003028001	0.08	0.23	0.87	0.12
34003025100	0.34	0.81	2.72	0.42
34003021500	0.90	2.37	6.46	1.18
34003021600	1.28	4.30	10.10	2.19
34003036100	0.13	0.36	1.24	0.19

Table C.120: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.36	0.83	2.74	0.43
34003046200	0.09	0.31	1.12	0.16
34003060000	0.39	0.77	2.65	0.40
34003046100	0.09	0.25	0.89	0.13
34031175900	1.07	15.29	26.93	11.02
34003057101	0.91	2.11	6.35	1.08
34003046300	0.09	0.24	0.85	0.13
34003057200	1.11	4.57	11.93	2.51
34003029100	0.14	0.37	1.31	0.20
34031175700	0.93	9.72	45.84	4.60
34003029200	0.18	0.39	1.37	0.21
34003041100	0.06	0.19	0.69	0.10
34003057102	0.49	1.34	4.09	0.69
34003012000	0.42	1.00	3.33	0.52
34003036200	0.19	0.39	1.35	0.21
34003005000	0.35	0.72	2.38	0.38
34003041300	0.06	0.16	0.58	0.09
34003045200	0.05	0.13	0.44	0.07
34003051100	0.62	2.00	7.68	1.02
34003045100	0.04	0.10	0.35	0.06
34003051300	0.34	0.86	2.96	0.44
34003051200	0.46	1.45	5.48	0.73
34003018200	0.08	0.17	0.56	0.09
34003051400	0.32	0.86	3.09	0.44
34017014600	0.09	0.19	0.62	0.10
34017019500	0.19	0.40	1.30	0.21

Table C.121: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.50	0.13
34003023100	0.00	0.01	0.70	0.18
34003023300	0.00	0.01	0.68	0.18
34003023200	0.00	0.01	0.63	0.17
34003033200	0.00	0.01	0.58	0.16
34003033300	0.00	0.01	0.65	0.18
34003054400	0.00	0.01	0.84	0.22
34003052200	0.00	0.01	0.64	0.17
34003023500	0.00	0.01	0.61	0.16
34003030100	0.00	0.01	0.50	0.13
34003054500	0.00	0.01	0.83	0.21
34003023401	0.00	0.01	0.60	0.16
34003030300	0.00	0.01	0.59	0.16
34003030200	0.00	0.01	0.59	0.16
34003023402	0.00	0.01	0.44	0.12
34003021400	0.00	0.01	0.71	0.19
34003004000	0.00	0.01	0.77	0.20
34003054600	0.00	0.01	0.59	0.15
34003021300	0.00	0.01	0.71	0.19
34003023600	0.00	0.01	0.60	0.16
34003030400	0.00	0.01	0.68	0.18
34031175200	0.00	0.01	0.66	0.18
34003028001	0.00	0.01	0.64	0.16
34003025100	0.00	0.01	0.77	0.21
34003021500	0.00	0.01	0.70	0.19
34003021600	0.00	0.01	0.66	0.18
34003036100	0.00	0.01	0.52	0.13

Table C.122: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.62	0.17
34003046200	0.00	0.01	0.59	0.15
34003060000	0.00	0.01	0.55	0.15
34003046100	0.00	0.01	0.59	0.15
34031175900	0.00	0.01	0.56	0.15
34003057101	0.00	0.01	0.78	0.21
34003046300	0.00	0.01	0.53	0.13
34003057200	0.00	0.01	0.66	0.18
34003029100	0.00	0.01	0.75	0.19
34031175700	0.00	0.01	0.58	0.16
34003029200	0.00	0.01	0.82	0.21
34003041100	0.00	0.01	0.59	0.14
34003057102	0.00	0.00	0.40	0.11
34003012000	0.00	0.01	0.47	0.13
34003036200	0.00	0.01	0.76	0.19
34003005000	0.00	0.01	0.46	0.13
34003041300	0.00	0.01	0.56	0.14
34003045200	0.00	0.00	0.40	0.10
34003051100	0.00	0.01	0.63	0.17
34003045100	0.00	0.00	0.36	0.09
34003051300	0.00	0.01	0.45	0.12
34003051200	0.00	0.01	0.61	0.16
34003018200	0.00	0.01	0.69	0.16
34003051400	0.00	0.01	0.60	0.16
34017014600	0.00	0.01	0.67	0.15
34017019500	0.00	0.01	0.91	0.22

Table C.123: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.23	0.37	0.05
34003023100	0.00	0.28	0.44	0.06
34003023300	0.00	0.27	0.44	0.06
34003023200	0.00	0.25	0.40	0.06
34003033200	0.00	0.25	0.40	0.06
34003033300	0.00	0.28	0.44	0.06
34003054400	0.00	0.32	0.51	0.07
34003052200	0.00	0.27	0.44	0.06
34003023500	0.00	0.24	0.38	0.05
34003030100	0.00	0.23	0.37	0.05
34003054500	0.00	0.33	0.52	0.07
34003023401	0.00	0.25	0.40	0.06
34003030300	0.00	0.24	0.38	0.05
34003030200	0.00	0.24	0.38	0.05
34003023402	0.00	0.20	0.32	0.05
34003021400	0.00	0.29	0.47	0.07
34003004000	0.00	0.31	0.49	0.07
34003054600	0.00	0.27	0.42	0.06
34003021300	0.00	0.29	0.47	0.07
34003023600	0.00	0.25	0.40	0.06
34003030400	0.00	0.28	0.45	0.06
34031175200	0.00	0.26	0.43	0.06
34003028001	0.00	0.28	0.43	0.06
34003025100	0.00	0.32	0.51	0.07
34003021500	0.00	0.28	0.46	0.07
34003021600	0.00	0.27	0.44	0.06
34003036100	0.00	0.23	0.37	0.05

Table C.124: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.26	0.41	0.06
34003046200	0.00	0.27	0.42	0.06
34003060000	0.00	0.25	0.40	0.06
34003046100	0.00	0.27	0.43	0.06
34031175900	0.00	0.23	0.37	0.05
34003057101	0.00	0.31	0.51	0.07
34003046300	0.00	0.24	0.38	0.05
34003057200	0.00	0.28	0.46	0.07
34003029100	0.00	0.31	0.49	0.07
34031175700	0.00	0.25	0.41	0.06
34003029200	0.00	0.34	0.53	0.07
34003041100	0.00	0.25	0.39	0.05
34003057102	0.00	0.19	0.30	0.04
34003012000	0.00	0.22	0.36	0.05
34003036200	0.00	0.31	0.49	0.07
34003005000	0.00	0.23	0.36	0.05
34003041300	0.00	0.24	0.37	0.05
34003045200	0.00	0.19	0.31	0.04
34003051100	0.00	0.28	0.45	0.06
34003045100	0.00	0.16	0.25	0.03
34003051300	0.00	0.21	0.34	0.05
34003051200	0.00	0.28	0.45	0.06
34003018200	0.00	0.28	0.45	0.06
34003051400	0.00	0.29	0.46	0.07
34017014600	0.00	0.28	0.45	0.06
34017019500	0.00	0.39	0.62	0.08

Table C.125: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.02	0.47	0.07
34003023100	0.00	0.03	0.62	0.09
34003023300	0.00	0.03	0.61	0.09
34003023200	0.00	0.02	0.60	0.09
34003033200	0.00	0.02	0.53	0.08
34003033300	0.00	0.02	0.61	0.09
34003054400	0.00	0.03	0.73	0.10
34003052200	0.00	0.02	0.59	0.09
34003023500	0.00	0.02	0.59	0.09
34003030100	0.00	0.02	0.49	0.07
34003054500	0.00	0.03	0.75	0.11
34003023401	0.00	0.02	0.60	0.09
34003030300	0.00	0.02	0.61	0.09
34003030200	0.00	0.02	0.61	0.09
34003023402	0.00	0.02	0.44	0.06
34003021400	0.00	0.03	0.70	0.10
34003004000	0.00	0.03	0.72	0.10
34003054600	0.00	0.02	0.58	0.08
34003021300	0.00	0.03	0.70	0.10
34003023600	0.00	0.02	0.56	0.08
34003030400	0.00	0.03	0.67	0.10
34031175200	0.00	0.03	0.70	0.10
34003028001	0.00	0.03	0.62	0.09
34003025100	0.00	0.03	0.70	0.10
34003021500	0.00	0.03	0.70	0.10
34003021600	0.00	0.03	0.69	0.10
34003036100	0.00	0.02	0.49	0.07

Table C.126: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.03	0.61	0.09
34003046200	0.00	0.02	0.59	0.08
34003060000	0.00	0.02	0.56	0.08
34003046100	0.00	0.02	0.58	0.08
34031175900	0.00	0.02	0.60	0.09
34003057101	0.00	0.03	0.77	0.11
34003046300	0.00	0.02	0.54	0.07
34003057200	0.00	0.03	0.67	0.10
34003029100	0.00	0.03	0.69	0.10
34031175700	0.00	0.02	0.59	0.08
34003029200	0.00	0.03	0.75	0.10
34003041100	0.00	0.02	0.60	0.08
34003057102	0.00	0.02	0.43	0.06
34003012000	0.00	0.02	0.49	0.07
34003036200	0.00	0.03	0.63	0.09
34003005000	0.00	0.02	0.49	0.07
34003041300	0.00	0.02	0.59	0.08
34003045200	0.00	0.02	0.43	0.06
34003051100	0.00	0.03	0.63	0.09
34003045100	0.00	0.02	0.40	0.05
34003051300	0.00	0.02	0.48	0.07
34003051200	0.00	0.03	0.62	0.09
34003018200	0.00	0.03	0.71	0.09
34003051400	0.00	0.03	0.61	0.09
34017014600	0.00	0.03	0.71	0.09
34017019500	0.00	0.04	0.91	0.12

Table C.127: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.18	0.04
34003023100	0.00	0.00	0.30	0.06
34003023300	0.00	0.00	0.32	0.07
34003023200	0.00	0.00	0.28	0.06
34003033200	0.00	0.00	0.24	0.05
34003033300	0.00	0.00	0.32	0.07
34003054400	0.00	0.00	0.43	0.09
34003052200	0.00	0.00	0.28	0.06
34003023500	0.00	0.00	0.27	0.06
34003030100	0.00	0.00	0.18	0.04
34003054500	0.00	0.00	0.41	0.08
34003023401	0.00	0.00	0.29	0.06
34003030300	0.00	0.00	0.28	0.06
34003030200	0.00	0.00	0.28	0.06
34003023402	0.00	0.00	0.15	0.03
34003021400	0.00	0.00	0.37	0.08
34003004000	0.00	0.00	0.36	0.07
34003054600	0.00	0.00	0.22	0.04
34003021300	0.00	0.00	0.38	0.08
34003023600	0.00	0.00	0.24	0.05
34003030400	0.00	0.00	0.34	0.07
34031175200	0.00	0.00	0.34	0.07
34003028001	0.00	0.00	0.25	0.05
34003025100	0.00	0.00	0.37	0.08
34003021500	0.00	0.00	0.35	0.07
34003021600	0.00	0.00	0.34	0.07
34003036100	0.00	0.00	0.18	0.04

Table C.128: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.29	0.06
34003046200	0.00	0.00	0.23	0.05
34003060000	0.00	0.00	0.21	0.04
34003046100	0.00	0.00	0.22	0.04
34031175900	0.00	0.00	0.24	0.05
34003057101	0.00	0.00	0.40	0.08
34003046300	0.00	0.00	0.20	0.04
34003057200	0.00	0.00	0.30	0.06
34003029100	0.00	0.00	0.36	0.07
34031175700	0.00	0.00	0.23	0.05
34003029200	0.00	0.00	0.41	0.08
34003041100	0.00	0.00	0.24	0.05
34003057102	0.00	0.00	0.14	0.03
34003012000	0.00	0.00	0.17	0.03
34003036200	0.00	0.00	0.34	0.07
34003005000	0.00	0.00	0.16	0.03
34003041300	0.00	0.00	0.23	0.05
34003045200	0.00	0.00	0.13	0.03
34003051100	0.00	0.00	0.25	0.05
34003045100	0.00	0.00	0.12	0.02
34003051300	0.00	0.00	0.16	0.03
34003051200	0.00	0.00	0.24	0.05
34003018200	0.00	0.00	0.31	0.06
34003051400	0.00	0.00	0.24	0.05
34017014600	0.00	0.00	0.29	0.05
34017019500	0.00	0.00	0.52	0.10

Table C.129: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.09	0.47	0.07
34003023100	0.00	0.12	0.61	0.09
34003023300	0.00	0.12	0.61	0.09
34003023200	0.00	0.11	0.57	0.09
34003033200	0.00	0.10	0.52	0.08
34003033300	0.00	0.12	0.61	0.09
34003054400	0.00	0.15	0.74	0.11
34003052200	0.00	0.12	0.60	0.09
34003023500	0.00	0.11	0.56	0.08
34003030100	0.00	0.10	0.49	0.07
34003054500	0.00	0.15	0.75	0.11
34003023401	0.00	0.12	0.58	0.09
34003030300	0.00	0.11	0.57	0.09
34003030200	0.00	0.11	0.57	0.09
34003023402	0.00	0.09	0.43	0.06
34003021400	0.00	0.14	0.70	0.11
34003004000	0.00	0.14	0.71	0.10
34003054600	0.00	0.11	0.57	0.08
34003021300	0.00	0.14	0.71	0.11
34003023600	0.00	0.11	0.55	0.08
34003030400	0.00	0.13	0.66	0.10
34031175200	0.00	0.13	0.66	0.10
34003028001	0.00	0.12	0.61	0.09
34003025100	0.00	0.14	0.72	0.11
34003021500	0.00	0.13	0.68	0.10
34003021600	0.00	0.13	0.66	0.10
34003036100	0.00	0.09	0.48	0.07

Table C.130: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.12	0.59	0.09
34003046200	0.00	0.11	0.58	0.08
34003060000	0.00	0.11	0.54	0.08
34003046100	0.00	0.11	0.57	0.08
34031175900	0.00	0.11	0.55	0.08
34003057101	0.00	0.15	0.76	0.11
34003046300	0.00	0.10	0.52	0.08
34003057200	0.00	0.13	0.67	0.10
34003029100	0.00	0.14	0.70	0.10
34031175700	0.00	0.11	0.58	0.09
34003029200	0.00	0.15	0.75	0.11
34003041100	0.00	0.11	0.56	0.08
34003057102	0.00	0.08	0.40	0.06
34003012000	0.00	0.09	0.47	0.07
34003036200	0.00	0.13	0.67	0.10
34003005000	0.00	0.09	0.47	0.07
34003041300	0.00	0.10	0.54	0.08
34003045200	0.00	0.08	0.40	0.06
34003051100	0.00	0.12	0.61	0.09
34003045100	0.00	0.07	0.35	0.05
34003051300	0.00	0.09	0.45	0.07
34003051200	0.00	0.12	0.61	0.09
34003018200	0.00	0.12	0.65	0.09
34003051400	0.00	0.12	0.61	0.09
34017014600	0.00	0.12	0.65	0.09
34017019500	0.00	0.18	0.92	0.13

Table C.131: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.41	0.08
34003023100	0.00	0.02	0.56	0.11
34003023300	0.00	0.02	0.53	0.10
34003023200	0.00	0.02	0.51	0.10
34003033200	0.00	0.02	0.47	0.09
34003033300	0.00	0.02	0.52	0.10
34003054400	0.00	0.02	0.64	0.12
34003052200	0.00	0.02	0.51	0.10
34003023500	0.00	0.02	0.51	0.10
34003030100	0.00	0.01	0.42	0.08
34003054500	0.00	0.02	0.64	0.12
34003023401	0.00	0.02	0.50	0.10
34003030300	0.00	0.02	0.50	0.10
34003030200	0.00	0.02	0.50	0.10
34003023402	0.00	0.01	0.39	0.07
34003021400	0.00	0.02	0.58	0.11
34003004000	0.00	0.02	0.62	0.12
34003054600	0.00	0.02	0.50	0.09
34003021300	0.00	0.02	0.58	0.11
34003023600	0.00	0.02	0.51	0.10
34003030400	0.00	0.02	0.56	0.11
34031175200	0.00	0.02	0.56	0.11
34003028001	0.00	0.02	0.54	0.10
34003025100	0.00	0.02	0.62	0.12
34003021500	0.00	0.02	0.58	0.11
34003021600	0.00	0.02	0.56	0.11
34003036100	0.00	0.02	0.46	0.09

Table C.132: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.02	0.53	0.10
34003046200	0.00	0.02	0.51	0.09
34003060000	0.00	0.02	0.49	0.09
34003046100	0.00	0.02	0.51	0.09
34031175900	0.00	0.02	0.49	0.10
34003057101	0.00	0.02	0.64	0.12
34003046300	0.00	0.02	0.47	0.09
34003057200	0.00	0.02	0.56	0.11
34003029100	0.00	0.02	0.63	0.12
34031175700	0.00	0.02	0.50	0.10
34003029200	0.00	0.02	0.69	0.13
34003041100	0.00	0.02	0.51	0.09
34003057102	0.00	0.01	0.37	0.07
34003012000	0.00	0.01	0.42	0.08
34003036200	0.00	0.02	0.65	0.12
34003005000	0.00	0.01	0.42	0.08
34003041300	0.00	0.02	0.49	0.09
34003045200	0.00	0.01	0.37	0.07
34003051100	0.00	0.02	0.54	0.11
34003045100	0.00	0.01	0.34	0.06
34003051300	0.00	0.01	0.41	0.08
34003051200	0.00	0.02	0.54	0.10
34003018200	0.00	0.02	0.60	0.10
34003051400	0.00	0.02	0.53	0.10
34017014600	0.00	0.02	0.60	0.10
34017019500	0.00	0.03	0.78	0.14

Table C.133: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.47	0.15
34003023100	0.01	0.01	0.63	0.20
34003023300	0.01	0.01	0.68	0.21
34003023200	0.01	0.01	0.64	0.20
34003033200	0.00	0.01	0.53	0.17
34003033300	0.01	0.01	0.66	0.21
34003054400	0.01	0.01	0.86	0.27
34003052200	0.01	0.01	0.63	0.20
34003023500	0.01	0.01	0.63	0.20
34003030100	0.00	0.01	0.53	0.17
34003054500	0.01	0.01	0.87	0.27
34003023401	0.01	0.01	0.67	0.21
34003030300	0.01	0.01	0.63	0.20
34003030200	0.01	0.01	0.63	0.20
34003023402	0.00	0.00	0.47	0.15
34003021400	0.01	0.01	0.78	0.25
34003004000	0.01	0.01	0.82	0.26
34003054600	0.01	0.01	0.66	0.20
34003021300	0.01	0.01	0.80	0.25
34003023600	0.01	0.01	0.59	0.18
34003030400	0.01	0.01	0.74	0.23
34031175200	0.01	0.01	0.76	0.24
34003028001	0.01	0.01	0.72	0.22
34003025100	0.01	0.01	0.78	0.24
34003021500	0.01	0.01	0.74	0.23
34003021600	0.01	0.01	0.75	0.24
34003036100	0.00	0.00	0.50	0.15

Table C.134: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.01	0.64	0.20
34003046200	0.01	0.01	0.67	0.21
34003060000	0.01	0.01	0.56	0.18
34003046100	0.01	0.01	0.66	0.20
34031175900	0.01	0.01	0.62	0.19
34003057101	0.01	0.01	0.85	0.26
34003046300	0.00	0.00	0.59	0.18
34003057200	0.01	0.01	0.74	0.23
34003029100	0.01	0.01	0.78	0.24
34031175700	0.01	0.01	0.65	0.20
34003029200	0.01	0.01	0.84	0.25
34003041100	0.01	0.01	0.64	0.19
34003057102	0.00	0.00	0.42	0.13
34003012000	0.00	0.00	0.49	0.15
34003036200	0.01	0.01	0.71	0.22
34003005000	0.00	0.00	0.48	0.15
34003041300	0.01	0.01	0.65	0.20
34003045200	0.00	0.00	0.44	0.13
34003051100	0.01	0.01	0.67	0.21
34003045100	0.00	0.00	0.38	0.11
34003051300	0.00	0.00	0.47	0.15
34003051200	0.01	0.01	0.65	0.20
34003018200	0.01	0.01	0.79	0.23
34003051400	0.01	0.01	0.64	0.19
34017014600	0.01	0.01	0.77	0.22
34017019500	0.01	0.01	1.04	0.30

Table C.135: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.27	0.23	0.01
34003023100	0.00	0.30	0.26	0.01
34003023300	0.00	0.26	0.22	0.01
34003023200	0.00	0.22	0.19	0.01
34003033200	0.00	0.28	0.23	0.01
34003033300	0.00	0.27	0.23	0.01
34003054400	0.00	0.29	0.26	0.01
34003052200	0.00	0.31	0.27	0.02
34003023500	0.00	0.21	0.19	0.01
34003030100	0.00	0.28	0.23	0.01
34003054500	0.00	0.30	0.27	0.01
34003023401	0.00	0.22	0.19	0.01
34003030300	0.00	0.22	0.18	0.01
34003030200	0.00	0.21	0.18	0.01
34003023402	0.00	0.22	0.19	0.01
34003021400	0.00	0.28	0.24	0.01
34003004000	0.00	0.29	0.26	0.01
34003054600	0.00	0.27	0.24	0.01
34003021300	0.00	0.28	0.24	0.01
34003023600	0.00	0.25	0.22	0.01
34003030400	0.00	0.26	0.22	0.01
34031175200	0.00	0.24	0.20	0.01
34003028001	0.00	0.26	0.25	0.01
34003025100	0.00	0.34	0.29	0.02
34003021500	0.00	0.28	0.24	0.01
34003021600	0.00	0.24	0.21	0.01
34003036100	0.00	0.25	0.22	0.01

Table C.136: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.27	0.23	0.01
34003046200	0.00	0.25	0.23	0.01
34003060000	0.00	0.30	0.25	0.01
34003046100	0.00	0.28	0.26	0.01
34031175900	0.00	0.24	0.21	0.01
34003057101	0.00	0.32	0.27	0.02
34003046300	0.00	0.23	0.21	0.01
34003057200	0.00	0.29	0.24	0.01
34003029100	0.00	0.27	0.24	0.01
34031175700	0.00	0.28	0.24	0.01
34003029200	0.00	0.33	0.30	0.02
34003041100	0.00	0.23	0.22	0.01
34003057102	0.00	0.24	0.20	0.01
34003012000	0.00	0.31	0.27	0.01
34003036200	0.00	0.27	0.25	0.01
34003005000	0.00	0.31	0.27	0.01
34003041300	0.00	0.20	0.19	0.01
34003045200	0.00	0.22	0.22	0.01
34003051100	0.00	0.33	0.28	0.02
34003045100	0.00	0.18	0.18	0.01
34003051300	0.00	0.27	0.23	0.01
34003051200	0.00	0.35	0.30	0.02
34003018200	0.00	0.24	0.25	0.01
34003051400	0.00	0.37	0.32	0.02
34017014600	0.00	0.28	0.30	0.01
34017019500	0.00	0.43	0.41	0.02

Table C.137: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.40	0.17
34003023100	0.00	0.00	0.51	0.21
34003023300	0.00	0.00	0.54	0.23
34003023200	0.00	0.00	0.49	0.21
34003033200	0.00	0.00	0.45	0.19
34003033300	0.00	0.00	0.53	0.22
34003054400	0.00	0.00	0.67	0.28
34003052200	0.00	0.00	0.52	0.22
34003023500	0.00	0.00	0.47	0.20
34003030100	0.00	0.00	0.42	0.18
34003054500	0.00	0.00	0.67	0.28
34003023401	0.00	0.00	0.49	0.21
34003030300	0.00	0.00	0.47	0.20
34003030200	0.00	0.00	0.47	0.20
34003023402	0.00	0.00	0.37	0.16
34003021400	0.00	0.00	0.59	0.25
34003004000	0.00	0.00	0.63	0.26
34003054600	0.00	0.00	0.52	0.21
34003021300	0.00	0.00	0.59	0.25
34003023600	0.00	0.00	0.48	0.20
34003030400	0.00	0.00	0.56	0.24
34031175200	0.00	0.00	0.54	0.23
34003028001	0.00	0.00	0.56	0.22
34003025100	0.00	0.00	0.63	0.27
34003021500	0.00	0.00	0.56	0.24
34003021600	0.00	0.00	0.54	0.23
34003036100	0.00	0.00	0.40	0.16

Table C.138: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.51	0.22
34003046200	0.00	0.00	0.52	0.21
34003060000	0.00	0.00	0.45	0.19
34003046100	0.00	0.00	0.52	0.21
34031175900	0.00	0.00	0.46	0.19
34003057101	0.00	0.00	0.64	0.27
34003046300	0.00	0.00	0.46	0.18
34003057200	0.00	0.00	0.55	0.24
34003029100	0.00	0.00	0.61	0.25
34031175700	0.00	0.00	0.51	0.22
34003029200	0.00	0.00	0.67	0.27
34003041100	0.00	0.00	0.49	0.19
34003057102	0.00	0.00	0.34	0.14
34003012000	0.00	0.00	0.40	0.17
34003036200	0.00	0.00	0.56	0.23
34003005000	0.00	0.00	0.40	0.17
34003041300	0.00	0.00	0.48	0.19
34003045200	0.00	0.00	0.34	0.13
34003051100	0.00	0.00	0.55	0.23
34003045100	0.00	0.00	0.30	0.11
34003051300	0.00	0.00	0.38	0.16
34003051200	0.00	0.00	0.54	0.23
34003018200	0.00	0.00	0.59	0.22
34003051400	0.00	0.00	0.53	0.23
34017014600	0.00	0.00	0.59	0.21
34017019500	0.00	0.00	0.81	0.32

Table C.139: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.23	0.01
34003023100	0.00	0.00	0.50	0.03
34003023300	0.00	0.00	0.44	0.03
34003023200	0.00	0.00	0.41	0.02
34003033200	0.00	0.00	0.33	0.02
34003033300	0.00	0.00	0.43	0.03
34003054400	0.00	0.00	0.62	0.04
34003052200	0.00	0.00	0.36	0.02
34003023500	0.00	0.00	0.39	0.02
34003030100	0.00	0.00	0.21	0.01
34003054500	0.00	0.00	0.60	0.04
34003023401	0.00	0.00	0.38	0.02
34003030300	0.00	0.00	0.37	0.02
34003030200	0.00	0.00	0.37	0.02
34003023402	0.00	0.00	0.17	0.01
34003021400	0.00	0.00	0.48	0.03
34003004000	0.00	0.00	0.48	0.03
34003054600	0.00	0.00	0.25	0.02
34003021300	0.00	0.00	0.46	0.03
34003023600	0.00	0.00	0.32	0.02
34003030400	0.00	0.00	0.43	0.03
34031175200	0.00	0.00	0.40	0.02
34003028001	0.00	0.00	0.31	0.02
34003025100	0.00	0.00	0.48	0.03
34003021500	0.00	0.00	0.48	0.03
34003021600	0.00	0.00	0.43	0.03
34003036100	0.00	0.00	0.26	0.02

Table C.140: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.37	0.02
34003046200	0.00	0.00	0.27	0.02
34003060000	0.00	0.00	0.26	0.02
34003046100	0.00	0.00	0.25	0.01
34031175900	0.00	0.00	0.28	0.02
34003057101	0.00	0.00	0.52	0.03
34003046300	0.00	0.00	0.23	0.01
34003057200	0.00	0.00	0.35	0.02
34003029100	0.00	0.00	0.49	0.03
34031175700	0.00	0.00	0.25	0.01
34003029200	0.00	0.00	0.58	0.03
34003041100	0.00	0.00	0.32	0.02
34003057102	0.00	0.00	0.16	0.01
34003012000	0.00	0.00	0.19	0.01
34003036200	0.00	0.00	0.58	0.03
34003005000	0.00	0.00	0.19	0.01
34003041300	0.00	0.00	0.29	0.02
34003045200	0.00	0.00	0.15	0.01
34003051100	0.00	0.00	0.28	0.02
34003045100	0.00	0.00	0.14	0.01
34003051300	0.00	0.00	0.19	0.01
34003051200	0.00	0.00	0.26	0.02
34003018200	0.00	0.00	0.43	0.02
34003051400	0.00	0.00	0.26	0.02
34017014600	0.00	0.00	0.34	0.02
34017019500	0.00	0.00	0.63	0.04

Table C.141: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.03	0.11	0.50	0.05
34003023100	0.04	0.14	0.66	0.06
34003023300	0.04	0.14	0.64	0.06
34003023200	0.03	0.13	0.60	0.06
34003033200	0.03	0.12	0.56	0.05
34003033300	0.04	0.14	0.64	0.06
34003054400	0.04	0.16	0.78	0.07
34003052200	0.04	0.13	0.64	0.06
34003023500	0.03	0.12	0.58	0.05
34003030100	0.03	0.11	0.51	0.05
34003054500	0.04	0.16	0.79	0.07
34003023401	0.03	0.13	0.60	0.06
34003030300	0.03	0.12	0.58	0.05
34003030200	0.03	0.12	0.58	0.05
34003023402	0.03	0.09	0.45	0.04
34003021400	0.04	0.15	0.71	0.07
34003004000	0.04	0.15	0.74	0.07
34003054600	0.03	0.12	0.59	0.05
34003021300	0.04	0.15	0.71	0.07
34003023600	0.03	0.12	0.58	0.05
34003030400	0.04	0.14	0.66	0.06
34031175200	0.04	0.14	0.65	0.06
34003028001	0.03	0.13	0.63	0.06
34003025100	0.05	0.16	0.74	0.07
34003021500	0.04	0.15	0.69	0.07
34003021600	0.04	0.14	0.66	0.06
34003036100	0.03	0.11	0.52	0.05

Table C.142: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.04	0.13	0.61	0.06
34003046200	0.03	0.12	0.59	0.05
34003060000	0.04	0.12	0.57	0.05
34003046100	0.03	0.12	0.59	0.05
34031175900	0.03	0.12	0.57	0.05
34003057101	0.05	0.16	0.77	0.07
34003046300	0.03	0.11	0.53	0.05
34003057200	0.04	0.14	0.67	0.06
34003029100	0.04	0.14	0.71	0.07
34031175700	0.04	0.12	0.57	0.05
34003029200	0.04	0.16	0.79	0.07
34003041100	0.03	0.11	0.58	0.05
34003057102	0.03	0.09	0.42	0.04
34003012000	0.03	0.10	0.49	0.05
34003036200	0.04	0.14	0.69	0.06
34003005000	0.03	0.10	0.49	0.05
34003041300	0.02	0.11	0.56	0.05
34003045200	0.02	0.08	0.42	0.04
34003051100	0.04	0.13	0.63	0.06
34003045100	0.02	0.07	0.38	0.03
34003051300	0.03	0.10	0.47	0.04
34003051200	0.04	0.13	0.61	0.06
34003018200	0.03	0.13	0.68	0.06
34003051400	0.04	0.13	0.62	0.06
34017014600	0.03	0.12	0.69	0.06
34017019500	0.04	0.18	0.94	0.08

Table C.143: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.07	0.41	0.06
34003023100	0.00	0.09	0.50	0.07
34003023300	0.00	0.09	0.53	0.08
34003023200	0.00	0.09	0.49	0.07
34003033200	0.00	0.08	0.45	0.07
34003033300	0.00	0.09	0.53	0.08
34003054400	0.00	0.11	0.63	0.09
34003052200	0.00	0.09	0.53	0.08
34003023500	0.00	0.08	0.47	0.07
34003030100	0.00	0.08	0.43	0.07
34003054500	0.00	0.11	0.63	0.09
34003023401	0.00	0.09	0.50	0.08
34003030300	0.00	0.08	0.48	0.07
34003030200	0.00	0.08	0.48	0.07
34003023402	0.00	0.07	0.38	0.06
34003021400	0.00	0.11	0.61	0.09
34003004000	0.00	0.10	0.60	0.09
34003054600	0.00	0.08	0.49	0.07
34003021300	0.00	0.11	0.61	0.09
34003023600	0.00	0.08	0.48	0.07
34003030400	0.00	0.10	0.57	0.09
34031175200	0.00	0.10	0.55	0.08
34003028001	0.00	0.08	0.51	0.07
34003025100	0.00	0.11	0.63	0.09
34003021500	0.00	0.10	0.57	0.09
34003021600	0.00	0.10	0.56	0.09
34003036100	0.00	0.07	0.42	0.06

Table C.144: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.09	0.52	0.08
34003046200	0.00	0.08	0.50	0.07
34003060000	0.00	0.09	0.48	0.07
34003046100	0.00	0.08	0.49	0.07
34031175900	0.00	0.09	0.48	0.07
34003057101	0.00	0.12	0.66	0.10
34003046300	0.00	0.07	0.45	0.07
34003057200	0.00	0.10	0.58	0.09
34003029100	0.00	0.10	0.58	0.09
34031175700	0.00	0.09	0.51	0.08
34003029200	0.00	0.11	0.65	0.10
34003041100	0.00	0.08	0.47	0.07
34003057102	0.00	0.06	0.36	0.05
34003012000	0.00	0.08	0.42	0.07
34003036200	0.00	0.10	0.58	0.09
34003005000	0.00	0.08	0.42	0.06
34003041300	0.00	0.07	0.45	0.07
34003045200	0.00	0.06	0.35	0.05
34003051100	0.00	0.10	0.55	0.08
34003045100	0.00	0.05	0.31	0.05
34003051300	0.00	0.07	0.41	0.06
34003051200	0.00	0.10	0.55	0.08
34003018200	0.00	0.08	0.54	0.08
34003051400	0.00	0.10	0.54	0.08
34017014600	0.00	0.08	0.57	0.08
34017019500	0.00	0.13	0.81	0.12

Table C.145: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	1.03	0.13
34003023100	0.00	0.01	2.03	0.25
34003023300	0.00	0.01	1.74	0.22
34003023200	0.00	0.01	1.60	0.20
34003033200	0.00	0.01	1.33	0.17
34003033300	0.00	0.01	1.68	0.22
34003054400	0.00	0.01	2.73	0.33
34003052200	0.00	0.01	1.45	0.19
34003023500	0.00	0.01	1.79	0.23
34003030100	0.00	0.01	1.36	0.19
34003054500	0.00	0.02	3.22	0.39
34003023401	0.00	0.01	1.67	0.22
34003030300	0.00	0.01	1.57	0.22
34003030200	0.00	0.01	1.52	0.21
34003023402	0.00	0.01	1.31	0.18
34003021400	0.00	0.01	1.79	0.25
34003004000	0.00	0.02	2.97	0.39
34003054600	0.00	0.01	2.67	0.34
34003021300	0.00	0.01	1.76	0.25
34003023600	0.00	0.01	2.06	0.28
34003030400	0.00	0.01	1.96	0.28
34031175200	0.00	0.01	1.71	0.25
34003028001	0.00	0.02	4.11	0.53
34003025100	0.00	0.01	2.50	0.35
34003021500	0.00	0.01	1.88	0.27
34003021600	0.00	0.01	1.72	0.25
34003036100	0.00	0.01	1.91	0.27

Table C.146: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	1.93	0.27
34003046200	0.00	0.01	2.56	0.35
34003060000	0.00	0.01	1.77	0.25
34003046100	0.00	0.02	3.00	0.42
34031175900	0.00	0.01	1.48	0.22
34003057101	0.00	0.01	2.22	0.32
34003046300	0.00	0.01	2.55	0.35
34003057200	0.00	0.01	1.78	0.26
34003029100	0.00	0.02	3.20	0.44
34031175700	0.00	0.01	1.48	0.22
34003029200	0.00	0.02	3.56	0.50
34003041100	0.00	0.02	3.73	0.53
34003057102	0.00	0.01	1.14	0.17
34003012000	0.00	0.01	1.35	0.20
34003036200	0.00	0.02	3.03	0.43
34003005000	0.00	0.01	1.45	0.21
34003041300	0.00	0.02	4.27	0.59
34003045200	0.00	0.01	2.73	0.37
34003051100	0.00	0.01	1.68	0.25
34003045100	0.00	0.02	2.84	0.38
34003051300	0.00	0.01	1.25	0.18
34003051200	0.00	0.01	1.57	0.23
34003018200	0.00	0.03	5.31	0.73
34003051400	0.00	0.01	1.58	0.23
34017014600	0.00	0.02	2.90	0.43
34017019500	0.00	0.02	3.18	0.46

Table C.147: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.92	0.77	0.05
34003023100	0.00	1.54	1.31	0.09
34003023300	0.00	1.35	1.15	0.08
34003023200	0.00	1.20	1.03	0.07
34003033200	0.00	1.10	0.93	0.06
34003033300	0.00	1.41	1.16	0.08
34003054400	0.00	2.00	1.72	0.11
34003052200	0.00	1.28	1.02	0.07
34003023500	0.00	1.42	1.15	0.08
34003030100	0.00	1.35	1.04	0.07
34003054500	0.00	2.42	2.06	0.13
34003023401	0.00	1.39	1.12	0.08
34003030300	0.00	1.39	1.05	0.07
34003030200	0.00	1.34	1.01	0.07
34003023402	0.00	1.27	0.99	0.07
34003021400	0.00	1.60	1.20	0.09
34003004000	0.00	2.43	1.92	0.13
34003054600	0.00	2.43	1.95	0.13
34003021300	0.00	1.58	1.18	0.08
34003023600	0.00	1.85	1.42	0.10
34003030400	0.00	1.77	1.33	0.09
34031175200	0.00	1.54	1.13	0.08
34003028001	0.00	3.63	2.86	0.19
34003025100	0.00	2.28	1.71	0.12
34003021500	0.00	1.67	1.25	0.09
34003021600	0.00	1.56	1.16	0.08
34003036100	0.00	1.83	1.38	0.10

Table C.148: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.76	1.31	0.09
34003046200	0.00	2.45	1.85	0.13
34003060000	0.00	1.76	1.29	0.09
34003046100	0.00	3.00	2.25	0.15
34031175900	0.00	1.37	1.01	0.07
34003057101	0.00	2.02	1.48	0.11
34003046300	0.00	2.50	1.88	0.13
34003057200	0.00	1.73	1.26	0.09
34003029100	0.00	2.82	2.12	0.15
34031175700	0.00	1.49	1.07	0.08
34003029200	0.00	3.13	2.36	0.16
34003041100	0.00	3.50	2.58	0.18
34003057102	0.00	1.20	0.87	0.06
34003012000	0.00	1.46	1.06	0.08
34003036200	0.00	2.71	2.02	0.14
34003005000	0.00	1.57	1.15	0.08
34003041300	0.00	3.86	2.92	0.20
34003045200	0.00	2.80	2.16	0.14
34003051100	0.00	1.70	1.23	0.09
34003045100	0.00	2.63	2.06	0.13
34003051300	0.00	1.34	0.97	0.07
34003051200	0.00	1.63	1.17	0.09
34003018200	0.00	4.64	3.54	0.24
34003051400	0.00	1.71	1.23	0.09
34017014600	0.00	2.79	2.00	0.15
34017019500	0.00	3.06	2.20	0.16

Table C.149: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.09	0.89	0.06
34003023100	0.01	0.16	1.62	0.10
34003023300	0.01	0.14	1.42	0.09
34003023200	0.01	0.13	1.36	0.08
34003033200	0.01	0.11	1.10	0.07
34003033300	0.01	0.14	1.42	0.09
34003054400	0.01	0.20	2.12	0.12
34003052200	0.00	0.13	1.24	0.08
34003023500	0.01	0.16	1.58	0.09
34003030100	0.00	0.13	1.25	0.08
34003054500	0.02	0.25	2.56	0.15
34003023401	0.01	0.16	1.52	0.09
34003030300	0.00	0.16	1.52	0.09
34003030200	0.00	0.16	1.48	0.09
34003023402	0.01	0.13	1.22	0.07
34003021400	0.00	0.18	1.65	0.10
34003004000	0.01	0.26	2.49	0.14
34003054600	0.01	0.24	2.31	0.13
34003021300	0.00	0.17	1.65	0.10
34003023600	0.01	0.19	1.78	0.10
34003030400	0.00	0.19	1.82	0.11
34031175200	0.00	0.18	1.73	0.11
34003028001	0.02	0.37	3.56	0.19
34003025100	0.01	0.22	2.14	0.13
34003021500	0.00	0.19	1.77	0.11
34003021600	0.00	0.18	1.70	0.10
34003036100	0.01	0.17	1.67	0.10

Table C.150: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.19	1.80	0.11
34003046200	0.01	0.24	2.30	0.13
34003060000	0.00	0.18	1.70	0.10
34003046100	0.01	0.28	2.70	0.15
34031175900	0.00	0.17	1.54	0.09
34003057101	0.00	0.22	2.09	0.13
34003046300	0.01	0.24	2.40	0.13
34003057200	0.00	0.19	1.77	0.11
34003029100	0.01	0.28	2.71	0.15
34031175700	0.00	0.17	1.49	0.09
34003029200	0.01	0.31	3.03	0.17
34003041100	0.02	0.36	3.44	0.19
34003057102	0.00	0.13	1.18	0.07
34003012000	0.00	0.15	1.38	0.08
34003036200	0.01	0.25	2.38	0.13
34003005000	0.00	0.16	1.46	0.09
34003041300	0.02	0.40	4.05	0.21
34003045200	0.01	0.26	2.69	0.14
34003051100	0.00	0.19	1.67	0.10
34003045100	0.01	0.27	2.88	0.14
34003051300	0.00	0.15	1.33	0.08
34003051200	0.00	0.18	1.59	0.10
34003018200	0.02	0.51	5.03	0.26
34003051400	0.00	0.18	1.61	0.10
34017014600	0.01	0.35	3.01	0.18
34017019500	0.01	0.35	3.10	0.18

Table C.151: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.65	0.40	0.03
34003023100	0.00	1.62	1.08	0.08
34003023300	0.00	1.51	0.99	0.08
34003023200	0.00	1.32	0.90	0.07
34003033200	0.00	0.97	0.62	0.05
34003033300	0.00	1.49	0.93	0.07
34003054400	0.00	2.66	1.84	0.13
34003052200	0.00	1.10	0.63	0.05
34003023500	0.00	1.51	0.95	0.07
34003030100	0.00	0.92	0.53	0.04
34003054500	0.00	3.17	2.21	0.16
34003023401	0.00	1.51	0.93	0.07
34003030300	0.00	1.37	0.76	0.06
34003030200	0.00	1.31	0.72	0.06
34003023402	0.00	0.85	0.50	0.04
34003021400	0.00	1.67	0.91	0.07
34003004000	0.00	2.76	1.74	0.13
34003054600	0.00	2.07	1.37	0.10
34003021300	0.00	1.62	0.87	0.07
34003023600	0.00	1.64	0.98	0.07
34003030400	0.00	1.84	1.02	0.08
34031175200	0.00	1.50	0.80	0.06
34003028001	0.00	3.67	2.50	0.17
34003025100	0.00	2.25	1.27	0.10
34003021500	0.00	1.66	0.90	0.07
34003021600	0.00	1.54	0.82	0.07
34003036100	0.00	1.33	0.78	0.06

Table C.152: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.65	0.92	0.07
34003046200	0.00	2.10	1.26	0.09
34003060000	0.00	1.22	0.67	0.05
34003046100	0.00	2.36	1.44	0.10
34031175900	0.00	1.09	0.58	0.05
34003057101	0.00	1.99	1.08	0.09
34003046300	0.00	1.97	1.20	0.08
34003057200	0.00	1.38	0.73	0.06
34003029100	0.00	3.07	1.83	0.13
34031175700	0.00	0.95	0.50	0.04
34003029200	0.00	3.43	2.05	0.15
34003041100	0.00	3.58	2.22	0.15
34003057102	0.00	0.67	0.36	0.03
34003012000	0.00	0.81	0.44	0.04
34003036200	0.00	2.53	1.49	0.11
34003005000	0.00	0.89	0.49	0.04
34003041300	0.00	3.98	2.65	0.16
34003045200	0.00	1.91	1.28	0.08
34003051100	0.00	1.10	0.59	0.05
34003045100	0.00	1.99	1.40	0.08
34003051300	0.00	0.76	0.41	0.03
34003051200	0.00	0.99	0.53	0.04
34003018200	0.00	4.99	3.39	0.21
34003051400	0.00	1.02	0.55	0.05
34017014600	0.00	2.39	1.42	0.11
34017019500	0.00	3.23	1.84	0.15

Table C.153: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.14	0.92	0.06
34003023100	0.01	0.24	1.68	0.11
34003023300	0.01	0.22	1.50	0.10
34003023200	0.01	0.20	1.39	0.09
34003033200	0.01	0.17	1.13	0.08
34003033300	0.01	0.23	1.51	0.10
34003054400	0.02	0.33	2.30	0.15
34003052200	0.01	0.21	1.32	0.09
34003023500	0.01	0.24	1.57	0.10
34003030100	0.01	0.21	1.30	0.09
34003054500	0.02	0.39	2.73	0.17
34003023401	0.01	0.24	1.55	0.10
34003030300	0.00	0.24	1.49	0.10
34003030200	0.00	0.23	1.44	0.10
34003023402	0.01	0.19	1.24	0.08
34003021400	0.00	0.28	1.71	0.11
34003004000	0.02	0.39	2.59	0.16
34003054600	0.02	0.36	2.43	0.15
34003021300	0.00	0.28	1.71	0.11
34003023600	0.01	0.29	1.84	0.12
34003030400	0.01	0.30	1.86	0.12
34031175200	0.00	0.28	1.67	0.11
34003028001	0.02	0.55	3.69	0.22
34003025100	0.01	0.37	2.29	0.14
34003021500	0.00	0.29	1.79	0.12
34003021600	0.00	0.28	1.69	0.11
34003036100	0.01	0.27	1.71	0.11

Table C.154: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.29	1.80	0.11
34003046200	0.02	0.38	2.39	0.15
34003060000	0.00	0.28	1.69	0.11
34003046100	0.02	0.44	2.80	0.17
34031175900	0.00	0.24	1.44	0.09
34003057101	0.00	0.35	2.13	0.14
34003046300	0.01	0.38	2.40	0.14
34003057200	0.00	0.30	1.78	0.11
34003029100	0.02	0.45	2.86	0.17
34031175700	0.00	0.25	1.48	0.10
34003029200	0.02	0.50	3.16	0.19
34003041100	0.02	0.54	3.38	0.20
34003057102	0.00	0.19	1.12	0.07
34003012000	0.00	0.23	1.35	0.08
34003036200	0.01	0.42	2.60	0.15
34003005000	0.00	0.24	1.44	0.09
34003041300	0.02	0.62	3.92	0.22
34003045200	0.02	0.40	2.61	0.14
34003051100	0.00	0.28	1.64	0.10
34003045100	0.02	0.40	2.62	0.14
34003051300	0.00	0.21	1.26	0.08
34003051200	0.00	0.27	1.57	0.10
34003018200	0.03	0.75	4.78	0.26
34003051400	0.00	0.27	1.60	0.10
34017014600	0.02	0.47	2.80	0.17
34017019500	0.01	0.53	3.19	0.20

Table C.155: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.02	0.86	0.08
34003023100	0.00	0.04	1.65	0.15
34003023300	0.00	0.03	1.39	0.12
34003023200	0.00	0.03	1.31	0.12
34003033200	0.00	0.03	1.08	0.10
34003033300	0.00	0.04	1.36	0.12
34003054400	0.00	0.05	2.12	0.19
34003052200	0.00	0.03	1.17	0.11
34003023500	0.00	0.04	1.52	0.14
34003030100	0.00	0.03	1.18	0.11
34003054500	0.00	0.06	2.53	0.22
34003023401	0.00	0.04	1.41	0.13
34003030300	0.00	0.04	1.35	0.13
34003030200	0.00	0.04	1.31	0.13
34003023402	0.00	0.03	1.17	0.11
34003021400	0.00	0.04	1.46	0.14
34003004000	0.00	0.07	2.42	0.22
34003054600	0.00	0.06	2.27	0.20
34003021300	0.00	0.04	1.44	0.14
34003023600	0.00	0.05	1.78	0.17
34003030400	0.00	0.05	1.64	0.16
34031175200	0.00	0.04	1.47	0.15
34003028001	0.00	0.09	3.48	0.32
34003025100	0.00	0.06	2.05	0.20
34003021500	0.00	0.05	1.58	0.16
34003021600	0.00	0.04	1.47	0.15
34003036100	0.00	0.05	1.72	0.17

Table C.156: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.05	1.67	0.16
34003046200	0.00	0.06	2.22	0.21
34003060000	0.00	0.05	1.57	0.16
34003046100	0.00	0.07	2.61	0.25
34031175900	0.00	0.04	1.33	0.13
34003057101	0.00	0.05	1.85	0.19
34003046300	0.00	0.06	2.29	0.22
34003057200	0.00	0.05	1.55	0.16
34003029100	0.00	0.08	2.73	0.26
34031175700	0.00	0.04	1.29	0.13
34003029200	0.00	0.09	3.00	0.29
34003041100	0.00	0.10	3.30	0.32
34003057102	0.00	0.03	1.06	0.11
34003012000	0.00	0.04	1.23	0.13
34003036200	0.00	0.08	2.64	0.26
34003005000	0.00	0.04	1.32	0.13
34003041300	0.00	0.11	3.81	0.37
34003045200	0.00	0.07	2.55	0.24
34003051100	0.00	0.04	1.48	0.15
34003045100	0.00	0.07	2.71	0.25
34003051300	0.00	0.03	1.17	0.12
34003051200	0.00	0.04	1.40	0.14
34003018200	0.00	0.13	4.67	0.45
34003051400	0.00	0.04	1.42	0.15
34017014600	0.00	0.08	2.63	0.27
34017019500	0.00	0.08	2.74	0.28

Table C.157: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.89	0.12
34003023100	0.00	0.00	1.64	0.22
34003023300	0.00	0.00	1.56	0.21
34003023200	0.00	0.00	1.45	0.20
34003033200	0.00	0.00	1.09	0.15
34003033300	0.00	0.00	1.55	0.21
34003054400	0.00	0.00	2.48	0.32
34003052200	0.00	0.00	1.33	0.18
34003023500	0.00	0.00	1.66	0.22
34003030100	0.00	0.00	1.33	0.18
34003054500	0.00	0.01	2.99	0.38
34003023401	0.00	0.00	1.69	0.22
34003030300	0.00	0.00	1.58	0.21
34003030200	0.00	0.00	1.54	0.20
34003023402	0.00	0.00	1.29	0.17
34003021400	0.00	0.00	1.85	0.25
34003004000	0.00	0.01	2.85	0.36
34003054600	0.00	0.01	2.66	0.33
34003021300	0.00	0.00	1.87	0.25
34003023600	0.00	0.00	1.87	0.24
34003030400	0.00	0.00	2.01	0.26
34031175200	0.00	0.00	1.88	0.25
34003028001	0.00	0.01	4.13	0.48
34003025100	0.00	0.01	2.39	0.30
34003021500	0.00	0.00	1.88	0.25
34003021600	0.00	0.00	1.85	0.24
34003036100	0.00	0.00	1.70	0.21

Table C.158: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	1.89	0.24
34003046200	0.00	0.01	2.62	0.32
34003060000	0.00	0.00	1.72	0.22
34003046100	0.00	0.01	3.08	0.36
34031175900	0.00	0.00	1.59	0.21
34003057101	0.00	0.01	2.32	0.30
34003046300	0.00	0.01	2.59	0.30
34003057200	0.00	0.00	1.94	0.25
34003029100	0.00	0.01	3.08	0.37
34031175700	0.00	0.00	1.65	0.22
34003029200	0.00	0.01	3.37	0.39
34003041100	0.00	0.01	3.71	0.43
34003057102	0.00	0.00	1.15	0.15
34003012000	0.00	0.00	1.37	0.18
34003036200	0.00	0.01	2.68	0.32
34003005000	0.00	0.00	1.46	0.18
34003041300	0.00	0.01	4.49	0.48
34003045200	0.00	0.01	2.74	0.29
34003051100	0.00	0.00	1.79	0.23
34003045100	0.00	0.01	2.78	0.29
34003051300	0.00	0.00	1.30	0.17
34003051200	0.00	0.00	1.68	0.22
34003018200	0.00	0.01	5.58	0.60
34003051400	0.00	0.00	1.67	0.22
34017014600	0.00	0.01	3.26	0.40
34017019500	0.00	0.01	3.55	0.44

Table C.159: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	1.66	0.47	0.01
34003023100	0.00	2.55	0.75	0.02
34003023300	0.00	1.92	0.56	0.01
34003023200	0.00	1.64	0.48	0.01
34003033200	0.00	1.85	0.53	0.01
34003033300	0.00	2.09	0.59	0.01
34003054400	0.00	2.77	0.82	0.02
34003052200	0.00	2.25	0.60	0.01
34003023500	0.00	1.93	0.54	0.01
34003030100	0.00	2.44	0.63	0.02
34003054500	0.00	3.47	1.03	0.02
34003023401	0.00	1.89	0.52	0.01
34003030300	0.00	1.94	0.49	0.01
34003030200	0.00	1.86	0.47	0.01
34003023402	0.00	2.14	0.57	0.01
34003021400	0.00	2.35	0.59	0.01
34003004000	0.00	3.57	0.97	0.02
34003054600	0.00	3.89	1.08	0.02
34003021300	0.00	2.32	0.58	0.01
34003023600	0.00	2.86	0.75	0.02
34003030400	0.00	2.53	0.63	0.01
34031175200	0.00	2.11	0.51	0.01
34003028001	0.00	5.70	1.56	0.03
34003025100	0.00	3.75	0.94	0.02
34003021500	0.00	2.55	0.63	0.01
34003021600	0.00	2.17	0.54	0.01
34003036100	0.00	3.16	0.80	0.02

Table C.160: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	2.80	0.70	0.02
34003046200	0.00	3.76	0.96	0.02
34003060000	0.00	3.27	0.80	0.02
34003046100	0.00	5.10	1.29	0.03
34031175900	0.00	2.26	0.55	0.01
34003057101	0.00	3.16	0.77	0.02
34003046300	0.00	4.04	1.02	0.02
34003057200	0.00	2.71	0.65	0.02
34003029100	0.00	4.03	1.02	0.02
34031175700	0.00	2.50	0.60	0.01
34003029200	0.00	5.11	1.28	0.03
34003041100	0.00	5.63	1.39	0.03
34003057102	0.00	2.34	0.57	0.01
34003012000	0.00	3.13	0.76	0.02
34003036200	0.00	3.90	0.97	0.02
34003005000	0.00	3.37	0.82	0.02
34003041300	0.00	5.81	1.46	0.03
34003045200	0.00	5.71	1.46	0.03
34003051100	0.00	3.13	0.75	0.02
34003045100	0.00	5.33	1.39	0.03
34003051300	0.00	2.62	0.63	0.01
34003051200	0.00	3.12	0.75	0.02
34003018200	0.00	7.28	1.85	0.04
34003051400	0.00	3.39	0.82	0.02
34017014600	0.00	5.37	1.30	0.03
34017019500	0.00	5.84	1.42	0.03

Table C.161: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.84	0.17
34003023100	0.00	0.00	1.50	0.29
34003023300	0.00	0.00	1.41	0.28
34003023200	0.00	0.00	1.25	0.24
34003033200	0.00	0.00	1.04	0.21
34003033300	0.00	0.00	1.37	0.27
34003054400	0.00	0.00	2.21	0.42
34003052200	0.00	0.00	1.17	0.24
34003023500	0.00	0.00	1.39	0.28
34003030100	0.00	0.00	1.17	0.25
34003054500	0.00	0.00	2.63	0.50
34003023401	0.00	0.00	1.36	0.27
34003030300	0.00	0.00	1.26	0.27
34003030200	0.00	0.00	1.21	0.26
34003023402	0.00	0.00	1.11	0.23
34003021400	0.00	0.00	1.47	0.32
34003004000	0.00	0.00	2.44	0.49
34003054600	0.00	0.00	2.36	0.47
34003021300	0.00	0.00	1.45	0.31
34003023600	0.00	0.00	1.65	0.34
34003030400	0.00	0.00	1.64	0.35
34031175200	0.00	0.00	1.41	0.31
34003028001	0.00	0.00	3.60	0.71
34003025100	0.00	0.00	2.06	0.44
34003021500	0.00	0.00	1.49	0.33
34003021600	0.00	0.00	1.39	0.30
34003036100	0.00	0.00	1.46	0.31

Table C.162: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	1.58	0.34
34003046200	0.00	0.00	2.22	0.47
34003060000	0.00	0.00	1.45	0.32
34003046100	0.00	0.00	2.67	0.57
34031175900	0.00	0.00	1.21	0.27
34003057101	0.00	0.00	1.81	0.40
34003046300	0.00	0.00	2.20	0.46
34003057200	0.00	0.00	1.50	0.33
34003029100	0.00	0.00	2.61	0.55
34031175700	0.00	0.00	1.32	0.30
34003029200	0.00	0.00	2.88	0.61
34003041100	0.00	0.00	3.16	0.68
34003057102	0.00	0.00	0.96	0.21
34003012000	0.00	0.00	1.16	0.26
34003036200	0.00	0.00	2.25	0.48
34003005000	0.00	0.00	1.24	0.27
34003041300	0.00	0.00	3.70	0.77
34003045200	0.00	0.00	2.38	0.49
34003051100	0.00	0.00	1.48	0.33
34003045100	0.00	0.00	2.38	0.48
34003051300	0.00	0.00	1.06	0.24
34003051200	0.00	0.00	1.39	0.31
34003018200	0.00	0.00	4.56	0.95
34003051400	0.00	0.00	1.40	0.31
34017014600	0.00	0.00	2.55	0.57
34017019500	0.00	0.00	2.83	0.63

Table C.163: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.05	0.51	0.01
34003023100	0.00	0.18	1.84	0.04
34003023300	0.00	0.13	1.38	0.03
34003023200	0.00	0.13	1.32	0.03
34003033200	0.00	0.09	0.88	0.02
34003033300	0.00	0.12	1.27	0.03
34003054400	0.00	0.26	2.73	0.06
34003052200	0.00	0.08	0.83	0.02
34003023500	0.00	0.14	1.39	0.03
34003030100	0.00	0.06	0.62	0.01
34003054500	0.00	0.31	3.27	0.07
34003023401	0.00	0.12	1.22	0.03
34003030300	0.00	0.10	1.01	0.02
34003030200	0.00	0.10	0.96	0.02
34003023402	0.00	0.06	0.60	0.01
34003021400	0.00	0.12	1.18	0.03
34003004000	0.00	0.24	2.39	0.05
34003054600	0.00	0.16	1.61	0.03
34003021300	0.00	0.11	1.08	0.03
34003023600	0.00	0.13	1.31	0.03
34003030400	0.00	0.13	1.30	0.03
34031175200	0.00	0.10	0.97	0.02
34003028001	0.00	0.31	3.15	0.06
34003025100	0.00	0.17	1.68	0.04
34003021500	0.00	0.13	1.24	0.03
34003021600	0.00	0.11	1.05	0.02
34003036100	0.00	0.11	1.11	0.02

Table C.164: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.12	1.19	0.03
34003046200	0.00	0.15	1.50	0.03
34003060000	0.00	0.09	0.84	0.02
34003046100	0.00	0.17	1.67	0.03
34031175900	0.00	0.07	0.70	0.02
34003057101	0.00	0.15	1.40	0.03
34003046300	0.00	0.14	1.43	0.03
34003057200	0.00	0.09	0.87	0.02
34003029100	0.00	0.26	2.55	0.05
34031175700	0.00	0.06	0.54	0.01
34003029200	0.00	0.30	2.97	0.06
34003041100	0.00	0.30	2.97	0.06
34003057102	0.00	0.04	0.42	0.01
34003012000	0.00	0.05	0.51	0.01
34003036200	0.00	0.27	2.59	0.05
34003005000	0.00	0.06	0.57	0.01
34003041300	0.00	0.34	3.45	0.06
34003045200	0.00	0.15	1.51	0.03
34003051100	0.00	0.07	0.66	0.02
34003045100	0.00	0.17	1.74	0.03
34003051300	0.00	0.05	0.48	0.01
34003051200	0.00	0.06	0.58	0.01
34003018200	0.00	0.48	4.74	0.08
34003051400	0.00	0.07	0.62	0.01
34017014600	0.00	0.19	1.71	0.04
34017019500	0.00	0.25	2.25	0.05

Table C.165: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.03	0.30	0.99	0.04
34003023100	0.08	0.54	1.84	0.08
34003023300	0.06	0.47	1.58	0.07
34003023200	0.07	0.43	1.46	0.06
34003033200	0.05	0.37	1.23	0.05
34003033300	0.05	0.48	1.59	0.07
34003054400	0.10	0.70	2.41	0.10
34003052200	0.03	0.45	1.39	0.06
34003023500	0.06	0.51	1.64	0.07
34003030100	0.03	0.44	1.35	0.06
34003054500	0.12	0.84	2.90	0.11
34003023401	0.05	0.50	1.59	0.07
34003030300	0.02	0.51	1.51	0.06
34003030200	0.02	0.49	1.46	0.06
34003023402	0.04	0.42	1.29	0.05
34003021400	0.02	0.59	1.74	0.07
34003004000	0.10	0.85	2.72	0.11
34003054600	0.09	0.77	2.52	0.10
34003021300	0.02	0.58	1.72	0.07
34003023600	0.06	0.63	1.93	0.08
34003030400	0.03	0.63	1.87	0.07
34031175200	0.02	0.58	1.66	0.07
34003028001	0.12	1.19	3.85	0.14
34003025100	0.04	0.80	2.36	0.09
34003021500	0.02	0.62	1.82	0.07
34003021600	0.02	0.58	1.69	0.07
34003036100	0.05	0.61	1.84	0.07

Table C.166: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.02	0.63	1.86	0.07
34003046200	0.08	0.80	2.45	0.09
34003060000	0.02	0.62	1.78	0.07
34003046100	0.09	0.96	2.89	0.11
34031175900	0.02	0.52	1.50	0.06
34003057101	0.02	0.76	2.18	0.09
34003046300	0.07	0.82	2.48	0.09
34003057200	0.02	0.63	1.79	0.07
34003029100	0.08	0.97	2.93	0.11
34031175700	0.02	0.52	1.46	0.06
34003029200	0.08	1.11	3.32	0.12
34003041100	0.11	1.20	3.55	0.13
34003057102	0.01	0.41	1.17	0.05
34003012000	0.01	0.50	1.41	0.06
34003036200	0.05	0.91	2.68	0.10
34003005000	0.02	0.53	1.51	0.06
34003041300	0.11	1.34	4.03	0.14
34003045200	0.08	0.91	2.76	0.09
34003051100	0.02	0.60	1.68	0.07
34003045100	0.08	0.93	2.86	0.09
34003051300	0.01	0.46	1.31	0.05
34003051200	0.02	0.57	1.59	0.06
34003018200	0.15	1.68	5.05	0.17
34003051400	0.02	0.58	1.64	0.06
34017014600	0.09	1.06	2.96	0.11
34017019500	0.04	1.15	3.25	0.12

Table C.167: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.46	0.82	0.06
34003023100	0.01	0.77	1.43	0.10
34003023300	0.01	0.73	1.33	0.09
34003023200	0.01	0.66	1.22	0.09
34003033200	0.01	0.55	1.00	0.07
34003033300	0.01	0.75	1.35	0.09
34003054400	0.01	1.06	2.00	0.14
34003052200	0.00	0.68	1.17	0.08
34003023500	0.01	0.77	1.37	0.09
34003030100	0.01	0.69	1.17	0.08
34003054500	0.02	1.26	2.39	0.16
34003023401	0.01	0.78	1.38	0.10
34003030300	0.00	0.77	1.28	0.09
34003030200	0.00	0.75	1.24	0.08
34003023402	0.01	0.66	1.13	0.08
34003021400	0.00	0.91	1.50	0.10
34003004000	0.01	1.28	2.27	0.15
34003054600	0.01	1.20	2.16	0.14
34003021300	0.00	0.91	1.49	0.10
34003023600	0.01	0.96	1.64	0.11
34003030400	0.01	0.98	1.63	0.11
34031175200	0.00	0.88	1.41	0.09
34003028001	0.02	1.79	3.22	0.20
34003025100	0.01	1.22	2.02	0.13
34003021500	0.00	0.93	1.52	0.10
34003021600	0.00	0.89	1.44	0.10
34003036100	0.01	0.92	1.55	0.10

Table C.168: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.97	1.60	0.10
34003046200	0.01	1.24	2.11	0.14
34003060000	0.00	0.95	1.53	0.10
34003046100	0.01	1.46	2.47	0.15
34031175900	0.00	0.80	1.28	0.09
34003057101	0.01	1.16	1.87	0.12
34003046300	0.01	1.26	2.13	0.13
34003057200	0.00	0.98	1.55	0.10
34003029100	0.01	1.46	2.46	0.15
34031175700	0.00	0.84	1.32	0.09
34003029200	0.01	1.66	2.78	0.17
34003041100	0.02	1.77	2.94	0.18
34003057102	0.00	0.64	1.01	0.07
34003012000	0.00	0.77	1.23	0.08
34003036200	0.01	1.39	2.29	0.14
34003005000	0.00	0.82	1.32	0.08
34003041300	0.02	2.00	3.40	0.20
34003045200	0.01	1.37	2.35	0.13
34003051100	0.00	0.93	1.47	0.10
34003045100	0.01	1.39	2.42	0.13
34003051300	0.00	0.71	1.14	0.07
34003051200	0.00	0.89	1.40	0.09
34003018200	0.02	2.43	4.10	0.23
34003051400	0.00	0.90	1.43	0.09
34017014600	0.01	1.58	2.48	0.16
34017019500	0.01	1.77	2.82	0.18

Table C.169: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.21	0.00	0.87	0.12
34003023100	0.30	0.01	1.42	0.22
34003023300	0.29	0.01	1.32	0.20
34003023200	0.27	0.01	1.28	0.20
34003033200	0.25	0.01	1.07	0.15
34003033300	0.27	0.01	1.19	0.17
34003054400	0.42	0.01	1.84	0.30
34003052200	0.25	0.01	0.98	0.13
34003023500	0.25	0.01	1.14	0.17
34003030100	0.20	0.00	0.81	0.11
34003054500	0.48	0.01	1.96	0.33
34003023401	0.25	0.01	1.08	0.16
34003030300	0.22	0.00	0.88	0.12
34003030200	0.22	0.00	0.86	0.12
34003023402	0.18	0.00	0.76	0.11
34003021400	0.26	0.01	1.01	0.13
34003004000	0.34	0.01	1.61	0.25
34003054600	0.33	0.01	1.40	0.23
34003021300	0.26	0.00	0.96	0.13
34003023600	0.24	0.01	1.10	0.16
34003030400	0.25	0.01	1.00	0.13
34031175200	0.22	0.00	0.84	0.11
34003028001	0.47	0.01	1.77	0.31
34003025100	0.29	0.01	1.17	0.16
34003021500	0.25	0.00	0.94	0.13
34003021600	0.23	0.00	0.87	0.12
34003036100	0.20	0.00	0.88	0.13

Table C.170: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.23	0.00	0.90	0.12
34003046200	0.25	0.01	1.23	0.19
34003060000	0.19	0.00	0.74	0.10
34003046100	0.26	0.01	1.28	0.20
34031175900	0.19	0.00	0.70	0.09
34003057101	0.26	0.01	0.99	0.13
34003046300	0.22	0.01	1.08	0.17
34003057200	0.21	0.00	0.80	0.11
34003029100	0.31	0.01	1.39	0.21
34031175700	0.17	0.00	0.64	0.09
34003029200	0.33	0.01	1.43	0.21
34003041100	0.36	0.01	1.50	0.25
34003057102	0.13	0.00	0.49	0.06
34003012000	0.14	0.00	0.55	0.07
34003036200	0.28	0.01	1.17	0.16
34003005000	0.16	0.00	0.59	0.08
34003041300	0.38	0.01	1.51	0.26
34003045200	0.19	0.01	0.94	0.15
34003051100	0.18	0.00	0.69	0.09
34003045100	0.20	0.01	0.91	0.15
34003051300	0.13	0.00	0.50	0.07
34003051200	0.16	0.00	0.63	0.08
34003018200	0.34	0.01	1.74	0.28
34003051400	0.16	0.00	0.63	0.08
34017014600	0.31	0.01	1.28	0.18
34017019500	0.32	0.01	1.27	0.17

Table C.171: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.71	0.64	0.06
34003023100	0.00	1.16	0.91	0.08
34003023300	0.00	1.05	0.86	0.08
34003023200	0.00	1.05	0.83	0.08
34003033200	0.00	0.85	0.74	0.07
34003033300	0.00	0.94	0.81	0.07
34003054400	0.00	1.56	1.15	0.11
34003052200	0.00	0.72	0.68	0.06
34003023500	0.00	0.87	0.73	0.07
34003030100	0.00	0.66	0.61	0.05
34003054500	0.00	1.79	1.25	0.12
34003023401	0.00	0.83	0.72	0.06
34003030300	0.00	0.61	0.58	0.05
34003030200	0.00	0.59	0.56	0.05
34003023402	0.00	0.64	0.57	0.05
34003021400	0.00	0.70	0.67	0.06
34003004000	0.00	1.34	1.04	0.10
34003054600	0.00	1.43	1.01	0.10
34003021300	0.00	0.68	0.64	0.05
34003023600	0.00	0.90	0.76	0.07
34003030400	0.00	0.70	0.67	0.06
34031175200	0.00	0.60	0.55	0.04
34003028001	0.00	1.87	1.22	0.13
34003025100	0.00	0.84	0.79	0.07
34003021500	0.00	0.65	0.62	0.05
34003021600	0.00	0.62	0.58	0.05
34003036100	0.00	0.72	0.63	0.06

Table C.172: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.63	0.60	0.05
34003046200	0.00	1.14	0.89	0.08
34003060000	0.00	0.56	0.54	0.04
34003046100	0.00	1.25	0.96	0.09
34031175900	0.00	0.51	0.47	0.04
34003057101	0.00	0.70	0.66	0.05
34003046300	0.00	0.99	0.79	0.07
34003057200	0.00	0.61	0.56	0.05
34003029100	0.00	1.09	0.92	0.08
34031175700	0.00	0.53	0.46	0.04
34003029200	0.00	1.07	0.94	0.08
34003041100	0.00	1.49	1.03	0.10
34003057102	0.00	0.40	0.37	0.03
34003012000	0.00	0.47	0.43	0.03
34003036200	0.00	0.83	0.77	0.07
34003005000	0.00	0.49	0.46	0.04
34003041300	0.00	1.52	1.03	0.10
34003045200	0.00	0.99	0.74	0.07
34003051100	0.00	0.56	0.50	0.04
34003045100	0.00	0.92	0.66	0.07
34003051300	0.00	0.42	0.38	0.03
34003051200	0.00	0.53	0.47	0.04
34003018200	0.00	1.54	1.16	0.11
34003051400	0.00	0.54	0.49	0.04
34017014600	0.00	0.94	0.88	0.08
34017019500	0.00	0.88	0.87	0.07

Table C.173: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.17	0.80	0.08
34003023100	0.02	0.27	1.22	0.13
34003023300	0.02	0.25	1.16	0.12
34003023200	0.02	0.26	1.18	0.12
34003033200	0.02	0.20	0.95	0.10
34003033300	0.02	0.23	1.07	0.11
34003054400	0.03	0.35	1.55	0.17
34003052200	0.02	0.19	0.89	0.09
34003023500	0.02	0.24	1.08	0.11
34003030100	0.01	0.16	0.78	0.08
34003054500	0.03	0.40	1.70	0.19
34003023401	0.02	0.23	1.05	0.11
34003030300	0.02	0.19	0.90	0.09
34003030200	0.02	0.18	0.88	0.09
34003023402	0.01	0.16	0.75	0.08
34003021400	0.02	0.21	0.98	0.09
34003004000	0.02	0.32	1.44	0.15
34003054600	0.02	0.31	1.30	0.14
34003021300	0.02	0.20	0.96	0.09
34003023600	0.02	0.22	1.00	0.10
34003030400	0.02	0.20	0.97	0.09
34031175200	0.02	0.19	0.90	0.08
34003028001	0.04	0.41	1.66	0.19
34003025100	0.02	0.22	1.05	0.10
34003021500	0.02	0.20	0.94	0.09
34003021600	0.02	0.19	0.91	0.08
34003036100	0.01	0.17	0.81	0.08

Table C.174: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.02	0.18	0.87	0.08
34003046200	0.02	0.26	1.17	0.12
34003060000	0.01	0.16	0.74	0.07
34003046100	0.02	0.27	1.22	0.13
34031175900	0.01	0.16	0.76	0.07
34003057101	0.02	0.21	0.98	0.09
34003046300	0.02	0.24	1.06	0.11
34003057200	0.02	0.18	0.83	0.08
34003029100	0.02	0.27	1.24	0.13
34031175700	0.01	0.14	0.68	0.06
34003029200	0.02	0.27	1.26	0.13
34003041100	0.03	0.35	1.47	0.16
34003057102	0.01	0.11	0.53	0.05
34003012000	0.01	0.12	0.58	0.05
34003036200	0.02	0.20	0.95	0.10
34003005000	0.01	0.13	0.61	0.06
34003041300	0.03	0.38	1.54	0.17
34003045200	0.02	0.22	0.98	0.10
34003051100	0.01	0.15	0.71	0.06
34003045100	0.02	0.23	0.98	0.10
34003051300	0.01	0.12	0.55	0.05
34003051200	0.01	0.14	0.66	0.06
34003018200	0.03	0.40	1.71	0.18
34003051400	0.01	0.14	0.66	0.06
34017014600	0.03	0.28	1.31	0.14
34017019500	0.02	0.26	1.23	0.12

Table C.175: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.39	0.31	0.05
34003023100	0.00	0.88	0.63	0.10
34003023300	0.00	0.87	0.65	0.10
34003023200	0.00	0.85	0.61	0.10
34003033200	0.00	0.57	0.44	0.07
34003033300	0.00	0.76	0.59	0.09
34003054400	0.00	1.45	0.98	0.17
34003052200	0.00	0.49	0.39	0.06
34003023500	0.00	0.70	0.53	0.09
34003030100	0.00	0.36	0.29	0.04
34003054500	0.00	1.57	1.02	0.17
34003023401	0.00	0.69	0.54	0.09
34003030300	0.00	0.48	0.39	0.06
34003030200	0.00	0.46	0.38	0.06
34003023402	0.00	0.34	0.27	0.04
34003021400	0.00	0.57	0.48	0.07
34003004000	0.00	1.10	0.79	0.13
34003054600	0.00	0.83	0.55	0.09
34003021300	0.00	0.53	0.44	0.06
34003023600	0.00	0.60	0.46	0.07
34003030400	0.00	0.58	0.49	0.07
34031175200	0.00	0.43	0.36	0.05
34003028001	0.00	1.22	0.75	0.13
34003025100	0.00	0.67	0.56	0.09
34003021500	0.00	0.49	0.42	0.06
34003021600	0.00	0.46	0.38	0.06
34003036100	0.00	0.41	0.33	0.05

Table C.176: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.47	0.40	0.06
34003046200	0.00	0.71	0.51	0.09
34003060000	0.00	0.30	0.26	0.04
34003046100	0.00	0.71	0.51	0.09
34031175900	0.00	0.30	0.25	0.04
34003057101	0.00	0.52	0.45	0.06
34003046300	0.00	0.58	0.43	0.07
34003057200	0.00	0.36	0.30	0.04
34003029100	0.00	0.91	0.71	0.11
34031175700	0.00	0.24	0.19	0.03
34003029200	0.00	0.92	0.75	0.12
34003041100	0.00	1.04	0.68	0.12
34003057102	0.00	0.17	0.14	0.02
34003012000	0.00	0.19	0.17	0.02
34003036200	0.00	0.63	0.54	0.08
34003005000	0.00	0.21	0.18	0.03
34003041300	0.00	1.05	0.67	0.12
34003045200	0.00	0.48	0.34	0.06
34003051100	0.00	0.26	0.22	0.03
34003045100	0.00	0.49	0.33	0.06
34003051300	0.00	0.18	0.15	0.02
34003051200	0.00	0.23	0.19	0.03
34003018200	0.00	1.21	0.88	0.15
34003051400	0.00	0.23	0.20	0.03
34017014600	0.00	0.71	0.63	0.10
34017019500	0.00	0.79	0.75	0.11

Table C.177: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.29	0.80	0.09
34003023100	0.01	0.44	1.22	0.14
34003023300	0.01	0.42	1.17	0.13
34003023200	0.01	0.42	1.16	0.13
34003033200	0.00	0.34	0.94	0.10
34003033300	0.01	0.39	1.10	0.12
34003054400	0.01	0.58	1.61	0.19
34003052200	0.00	0.33	0.92	0.10
34003023500	0.01	0.37	1.04	0.12
34003030100	0.00	0.28	0.79	0.09
34003054500	0.01	0.63	1.74	0.20
34003023401	0.00	0.37	1.03	0.11
34003030300	0.00	0.30	0.85	0.09
34003030200	0.00	0.30	0.83	0.09
34003023402	0.00	0.26	0.74	0.08
34003021400	0.00	0.35	0.99	0.10
34003004000	0.01	0.52	1.45	0.17
34003054600	0.01	0.48	1.32	0.15
34003021300	0.00	0.35	0.96	0.10
34003023600	0.01	0.36	1.00	0.11
34003030400	0.00	0.34	0.96	0.10
34031175200	0.00	0.30	0.84	0.08
34003028001	0.01	0.62	1.65	0.20
34003025100	0.00	0.39	1.09	0.12
34003021500	0.00	0.33	0.92	0.09
34003021600	0.00	0.31	0.88	0.09
34003036100	0.00	0.29	0.80	0.09

Table C.178: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.30	0.85	0.09
34003046200	0.01	0.43	1.18	0.14
34003060000	0.00	0.26	0.72	0.08
34003046100	0.01	0.44	1.22	0.14
34031175900	0.00	0.25	0.69	0.07
34003057101	0.00	0.35	0.98	0.10
34003046300	0.01	0.37	1.03	0.12
34003057200	0.00	0.29	0.82	0.08
34003029100	0.01	0.46	1.27	0.14
34031175700	0.00	0.23	0.65	0.06
34003029200	0.01	0.46	1.28	0.15
34003041100	0.01	0.52	1.40	0.16
34003057102	0.00	0.18	0.49	0.05
34003012000	0.00	0.20	0.56	0.06
34003036200	0.00	0.36	1.01	0.11
34003005000	0.00	0.21	0.59	0.06
34003041300	0.01	0.54	1.44	0.17
34003045200	0.01	0.34	0.92	0.11
34003051100	0.00	0.25	0.69	0.07
34003045100	0.01	0.32	0.87	0.10
34003051300	0.00	0.18	0.51	0.05
34003051200	0.00	0.23	0.64	0.06
34003018200	0.01	0.59	1.59	0.18
34003051400	0.00	0.23	0.64	0.06
34017014600	0.01	0.45	1.22	0.14
34017019500	0.00	0.47	1.26	0.14

Table C.179: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.59	0.02	0.72	0.08
34003023100	0.83	0.03	1.15	0.13
34003023300	0.79	0.03	1.05	0.12
34003023200	0.77	0.03	1.05	0.12
34003033200	0.69	0.02	0.87	0.09
34003033300	0.76	0.02	0.96	0.10
34003054400	1.12	0.04	1.43	0.17
34003052200	0.69	0.02	0.79	0.08
34003023500	0.74	0.02	0.97	0.11
34003030100	0.58	0.02	0.69	0.07
34003054500	1.28	0.05	1.54	0.19
34003023401	0.72	0.02	0.91	0.10
34003030300	0.66	0.02	0.75	0.08
34003030200	0.65	0.02	0.74	0.07
34003023402	0.54	0.02	0.68	0.07
34003021400	0.73	0.02	0.82	0.08
34003004000	0.94	0.04	1.31	0.15
34003054600	0.96	0.04	1.18	0.15
34003021300	0.71	0.02	0.79	0.08
34003023600	0.72	0.02	0.95	0.11
34003030400	0.72	0.02	0.83	0.09
34031175200	0.65	0.02	0.72	0.07
34003028001	1.35	0.05	1.49	0.20
34003025100	0.81	0.02	0.96	0.10
34003021500	0.71	0.02	0.79	0.08
34003021600	0.67	0.02	0.74	0.07
34003036100	0.62	0.02	0.79	0.09

Table C.180: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.67	0.02	0.77	0.08
34003046200	0.74	0.03	1.07	0.13
34003060000	0.59	0.01	0.66	0.07
34003046100	0.77	0.03	1.11	0.13
34031175900	0.56	0.01	0.62	0.06
34003057101	0.75	0.02	0.83	0.08
34003046300	0.68	0.03	0.96	0.11
34003057200	0.63	0.02	0.69	0.07
34003029100	0.88	0.03	1.18	0.13
34031175700	0.49	0.01	0.56	0.06
34003029200	0.93	0.03	1.20	0.13
34003041100	1.09	0.04	1.32	0.17
34003057102	0.41	0.01	0.45	0.05
34003012000	0.45	0.01	0.50	0.05
34003036200	0.84	0.02	1.02	0.11
34003005000	0.48	0.01	0.53	0.05
34003041300	1.14	0.04	1.35	0.17
34003045200	0.61	0.03	0.88	0.11
34003051100	0.53	0.01	0.61	0.06
34003045100	0.64	0.03	0.87	0.11
34003051300	0.40	0.01	0.47	0.05
34003051200	0.47	0.01	0.56	0.06
34003018200	1.01	0.04	1.53	0.18
34003051400	0.47	0.01	0.57	0.06
34017014600	0.94	0.03	1.15	0.13
34017019500	0.94	0.02	1.09	0.11

Table C.181: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.00	0.80	0.18
34003023100	0.01	0.00	1.24	0.29
34003023300	0.01	0.00	1.27	0.29
34003023200	0.01	0.00	1.26	0.29
34003033200	0.01	0.00	0.94	0.21
34003033300	0.01	0.00	1.17	0.27
34003054400	0.01	0.00	1.81	0.43
34003052200	0.01	0.00	0.96	0.21
34003023500	0.01	0.00	1.14	0.26
34003030100	0.01	0.00	0.83	0.19
34003054500	0.02	0.00	1.99	0.48
34003023401	0.01	0.00	1.17	0.27
34003030300	0.01	0.00	0.93	0.20
34003030200	0.01	0.00	0.91	0.20
34003023402	0.01	0.00	0.79	0.18
34003021400	0.01	0.00	1.10	0.24
34003004000	0.01	0.00	1.65	0.39
34003054600	0.01	0.00	1.50	0.36
34003021300	0.01	0.00	1.09	0.23
34003023600	0.01	0.00	1.05	0.24
34003030400	0.01	0.00	1.07	0.23
34031175200	0.01	0.00	0.97	0.20
34003028001	0.02	0.00	1.93	0.47
34003025100	0.01	0.00	1.16	0.26
34003021500	0.01	0.00	0.99	0.21
34003021600	0.01	0.00	0.99	0.21
34003036100	0.01	0.00	0.82	0.19

Table C.182: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.00	0.92	0.20
34003046200	0.01	0.00	1.34	0.31
34003060000	0.01	0.00	0.74	0.16
34003046100	0.01	0.00	1.38	0.32
34031175900	0.01	0.00	0.78	0.16
34003057101	0.01	0.00	1.09	0.23
34003046300	0.01	0.00	1.14	0.27
34003057200	0.01	0.00	0.91	0.19
34003029100	0.01	0.00	1.40	0.32
34031175700	0.01	0.00	0.75	0.15
34003029200	0.01	0.00	1.40	0.32
34003041100	0.01	0.00	1.59	0.38
34003057102	0.00	0.00	0.51	0.11
34003012000	0.00	0.00	0.58	0.12
34003036200	0.01	0.00	1.06	0.24
34003005000	0.00	0.00	0.61	0.13
34003041300	0.02	0.00	1.70	0.41
34003045200	0.01	0.00	0.99	0.23
34003051100	0.01	0.00	0.76	0.15
34003045100	0.01	0.00	0.94	0.22
34003051300	0.00	0.00	0.54	0.11
34003051200	0.00	0.00	0.70	0.14
34003018200	0.01	0.00	1.89	0.44
34003051400	0.00	0.00	0.68	0.14
34017014600	0.01	0.00	1.42	0.33
34017019500	0.01	0.00	1.41	0.32

Table C.183: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	1.30	0.39	0.02
34003023100	0.00	1.88	0.52	0.02
34003023300	0.00	1.47	0.42	0.02
34003023200	0.00	1.40	0.39	0.02
34003033200	0.00	1.43	0.42	0.02
34003033300	0.00	1.40	0.42	0.02
34003054400	0.00	2.09	0.56	0.02
34003052200	0.00	1.30	0.41	0.02
34003023500	0.00	1.19	0.34	0.01
34003030100	0.00	1.21	0.38	0.02
34003054500	0.00	2.45	0.63	0.03
34003023401	0.00	1.13	0.34	0.01
34003030300	0.00	0.87	0.27	0.01
34003030200	0.00	0.84	0.26	0.01
34003023402	0.00	1.09	0.33	0.01
34003021400	0.00	1.06	0.33	0.01
34003004000	0.00	1.92	0.53	0.02
34003054600	0.00	2.19	0.57	0.03
34003021300	0.00	1.02	0.32	0.01
34003023600	0.00	1.37	0.40	0.02
34003030400	0.00	1.02	0.32	0.01
34031175200	0.00	0.81	0.25	0.01
34003028001	0.00	2.74	0.67	0.03
34003025100	0.00	1.40	0.44	0.02
34003021500	0.00	1.01	0.32	0.01
34003021600	0.00	0.87	0.27	0.01
34003036100	0.00	1.23	0.37	0.02

Table C.184: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.03	0.32	0.01
34003046200	0.00	1.68	0.46	0.02
34003060000	0.00	1.06	0.33	0.01
34003046100	0.00	2.02	0.55	0.02
34031175900	0.00	0.83	0.26	0.01
34003057101	0.00	1.11	0.35	0.01
34003046300	0.00	1.53	0.43	0.02
34003057200	0.00	0.95	0.29	0.01
34003029100	0.00	1.52	0.44	0.02
34031175700	0.00	0.86	0.26	0.01
34003029200	0.00	1.71	0.51	0.02
34003041100	0.00	2.19	0.56	0.03
34003057102	0.00	0.78	0.24	0.01
34003012000	0.00	0.99	0.31	0.01
34003036200	0.00	1.20	0.37	0.02
34003005000	0.00	1.06	0.33	0.01
34003041300	0.00	2.06	0.52	0.02
34003045200	0.00	1.88	0.50	0.02
34003051100	0.00	1.01	0.31	0.01
34003045100	0.00	1.70	0.45	0.02
34003051300	0.00	0.82	0.25	0.01
34003051200	0.00	0.99	0.30	0.01
34003018200	0.00	2.24	0.60	0.03
34003051400	0.00	1.06	0.33	0.01
34017014600	0.00	1.84	0.57	0.03
34017019500	0.00	1.78	0.57	0.02

Table C.185: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.70	0.17
34003023100	0.00	0.00	1.05	0.28
34003023300	0.00	0.00	1.06	0.27
34003023200	0.00	0.00	1.01	0.27
34003033200	0.00	0.00	0.84	0.21
34003033300	0.00	0.00	0.96	0.24
34003054400	0.00	0.00	1.49	0.41
34003052200	0.00	0.00	0.79	0.18
34003023500	0.00	0.00	0.89	0.23
34003030100	0.00	0.00	0.69	0.16
34003054500	0.00	0.00	1.61	0.46
34003023401	0.00	0.00	0.88	0.22
34003030300	0.00	0.00	0.70	0.16
34003030200	0.00	0.00	0.69	0.16
34003023402	0.00	0.00	0.65	0.16
34003021400	0.00	0.00	0.83	0.19
34003004000	0.00	0.00	1.33	0.36
34003054600	0.00	0.00	1.23	0.35
34003021300	0.00	0.00	0.79	0.18
34003023600	0.00	0.00	0.89	0.23
34003030400	0.00	0.00	0.83	0.19
34031175200	0.00	0.00	0.69	0.16
34003028001	0.00	0.00	1.55	0.46
34003025100	0.00	0.00	0.97	0.23
34003021500	0.00	0.00	0.75	0.17
34003021600	0.00	0.00	0.70	0.16
34003036100	0.00	0.00	0.68	0.17

Table C.186: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.74	0.17
34003046200	0.00	0.00	1.08	0.29
34003060000	0.00	0.00	0.61	0.14
34003046100	0.00	0.00	1.15	0.31
34031175900	0.00	0.00	0.57	0.13
34003057101	0.00	0.00	0.82	0.19
34003046300	0.00	0.00	0.94	0.25
34003057200	0.00	0.00	0.67	0.15
34003029100	0.00	0.00	1.15	0.29
34031175700	0.00	0.00	0.57	0.13
34003029200	0.00	0.00	1.17	0.29
34003041100	0.00	0.00	1.27	0.37
34003057102	0.00	0.00	0.41	0.09
34003012000	0.00	0.00	0.47	0.11
34003036200	0.00	0.00	0.87	0.21
34003005000	0.00	0.00	0.50	0.12
34003041300	0.00	0.00	1.31	0.38
34003045200	0.00	0.00	0.82	0.23
34003051100	0.00	0.00	0.61	0.14
34003045100	0.00	0.00	0.77	0.22
34003051300	0.00	0.00	0.43	0.10
34003051200	0.00	0.00	0.56	0.13
34003018200	0.00	0.00	1.50	0.41
34003051400	0.00	0.00	0.56	0.13
34017014600	0.00	0.00	1.13	0.28
34017019500	0.00	0.00	1.14	0.27

Table C.187: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.05	0.39	0.02
34003023100	0.00	0.15	1.08	0.05
34003023300	0.00	0.13	0.90	0.04
34003023200	0.00	0.13	0.89	0.04
34003033200	0.00	0.09	0.63	0.03
34003033300	0.00	0.11	0.80	0.03
34003054400	0.00	0.22	1.46	0.06
34003052200	0.00	0.07	0.52	0.02
34003023500	0.00	0.11	0.78	0.03
34003030100	0.00	0.05	0.34	0.01
34003054500	0.00	0.23	1.50	0.07
34003023401	0.00	0.10	0.70	0.03
34003030300	0.00	0.07	0.53	0.02
34003030200	0.00	0.07	0.51	0.02
34003023402	0.00	0.04	0.31	0.01
34003021400	0.00	0.08	0.62	0.02
34003004000	0.00	0.16	1.07	0.05
34003054600	0.00	0.10	0.65	0.03
34003021300	0.00	0.07	0.55	0.02
34003023600	0.00	0.09	0.62	0.03
34003030400	0.00	0.08	0.62	0.02
34031175200	0.00	0.06	0.43	0.02
34003028001	0.00	0.15	0.94	0.04
34003025100	0.00	0.10	0.74	0.03
34003021500	0.00	0.08	0.58	0.02
34003021600	0.00	0.07	0.49	0.02
34003036100	0.00	0.07	0.47	0.02

Table C.188: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.07	0.52	0.02
34003046200	0.00	0.09	0.61	0.03
34003060000	0.00	0.04	0.33	0.01
34003046100	0.00	0.09	0.59	0.03
34031175900	0.00	0.04	0.30	0.01
34003057101	0.00	0.08	0.58	0.02
34003046300	0.00	0.08	0.51	0.02
34003057200	0.00	0.05	0.35	0.01
34003029100	0.00	0.14	0.99	0.04
34031175700	0.00	0.03	0.21	0.01
34003029200	0.00	0.15	1.08	0.05
34003041100	0.00	0.14	0.90	0.04
34003057102	0.00	0.02	0.17	0.01
34003012000	0.00	0.03	0.19	0.01
34003036200	0.00	0.13	0.94	0.04
34003005000	0.00	0.03	0.21	0.01
34003041300	0.00	0.14	0.87	0.04
34003045200	0.00	0.06	0.40	0.02
34003051100	0.00	0.03	0.24	0.01
34003045100	0.00	0.06	0.41	0.02
34003051300	0.00	0.02	0.18	0.01
34003051200	0.00	0.03	0.21	0.01
34003018200	0.00	0.19	1.22	0.05
34003051400	0.00	0.03	0.23	0.01
34017014600	0.00	0.11	0.76	0.03
34017019500	0.00	0.13	0.92	0.04

Table C.189: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.38	0.86	0.06
34003023100	0.03	0.63	1.33	0.09
34003023300	0.02	0.57	1.24	0.08
34003023200	0.02	0.58	1.22	0.08
34003033200	0.02	0.46	1.02	0.07
34003033300	0.02	0.52	1.15	0.08
34003054400	0.04	0.83	1.69	0.12
34003052200	0.01	0.42	0.97	0.06
34003023500	0.02	0.50	1.08	0.07
34003030100	0.01	0.35	0.82	0.05
34003054500	0.04	0.93	1.85	0.13
34003023401	0.02	0.48	1.06	0.07
34003030300	0.01	0.37	0.86	0.05
34003030200	0.01	0.36	0.84	0.05
34003023402	0.01	0.34	0.77	0.05
34003021400	0.01	0.43	1.00	0.06
34003004000	0.03	0.73	1.52	0.10
34003054600	0.03	0.69	1.36	0.09
34003021300	0.01	0.42	0.97	0.06
34003023600	0.02	0.48	1.06	0.07
34003030400	0.01	0.41	0.97	0.06
34031175200	0.01	0.36	0.83	0.05
34003028001	0.05	0.91	1.72	0.12
34003025100	0.02	0.48	1.12	0.07
34003021500	0.01	0.40	0.94	0.06
34003021600	0.01	0.38	0.88	0.05
34003036100	0.02	0.39	0.87	0.06

Table C.190: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.38	0.88	0.06
34003046200	0.03	0.57	1.21	0.08
34003060000	0.01	0.32	0.76	0.05
34003046100	0.03	0.61	1.26	0.09
34031175900	0.01	0.31	0.72	0.04
34003057101	0.01	0.43	1.00	0.06
34003046300	0.02	0.50	1.07	0.07
34003057200	0.01	0.36	0.82	0.05
34003029100	0.03	0.59	1.30	0.09
34031175700	0.01	0.28	0.65	0.04
34003029200	0.03	0.60	1.35	0.09
34003041100	0.04	0.75	1.47	0.10
34003057102	0.01	0.22	0.51	0.03
34003012000	0.01	0.25	0.58	0.03
34003036200	0.02	0.45	1.04	0.07
34003005000	0.01	0.27	0.62	0.04
34003041300	0.04	0.76	1.48	0.10
34003045200	0.03	0.48	0.98	0.07
34003051100	0.01	0.31	0.70	0.04
34003045100	0.03	0.47	0.94	0.07
34003051300	0.01	0.23	0.53	0.03
34003051200	0.01	0.28	0.65	0.04
34003018200	0.05	0.82	1.68	0.12
34003051400	0.01	0.29	0.66	0.04
34017014600	0.03	0.57	1.29	0.09
34017019500	0.02	0.55	1.28	0.09

Table C.191: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.62	0.69	0.07
34003023100	0.01	0.95	1.00	0.11
34003023300	0.01	0.94	1.01	0.11
34003023200	0.01	0.93	0.99	0.11
34003033200	0.01	0.73	0.81	0.09
34003033300	0.01	0.86	0.95	0.10
34003054400	0.01	1.32	1.35	0.15
34003052200	0.01	0.69	0.80	0.08
34003023500	0.01	0.81	0.88	0.10
34003030100	0.00	0.61	0.69	0.07
34003054500	0.01	1.46	1.46	0.17
34003023401	0.01	0.81	0.89	0.10
34003030300	0.00	0.62	0.71	0.08
34003030200	0.00	0.61	0.70	0.07
34003023402	0.00	0.59	0.65	0.07
34003021400	0.01	0.74	0.85	0.09
34003004000	0.01	1.17	1.23	0.14
34003054600	0.01	1.13	1.13	0.13
34003021300	0.01	0.72	0.82	0.08
34003023600	0.01	0.81	0.87	0.10
34003030400	0.01	0.72	0.83	0.09
34031175200	0.00	0.61	0.70	0.07
34003028001	0.02	1.44	1.38	0.16
34003025100	0.01	0.82	0.94	0.10
34003021500	0.01	0.67	0.77	0.08
34003021600	0.01	0.64	0.74	0.07
34003036100	0.01	0.64	0.71	0.08

Table C.192: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.65	0.74	0.08
34003046200	0.01	0.96	1.01	0.12
34003060000	0.00	0.56	0.64	0.07
34003046100	0.01	1.01	1.05	0.12
34031175900	0.00	0.53	0.60	0.06
34003057101	0.01	0.73	0.84	0.09
34003046300	0.01	0.84	0.89	0.10
34003057200	0.00	0.61	0.70	0.07
34003029100	0.01	0.98	1.06	0.12
34031175700	0.00	0.51	0.57	0.05
34003029200	0.01	1.00	1.11	0.13
34003041100	0.01	1.20	1.18	0.14
34003057102	0.00	0.38	0.44	0.04
34003012000	0.00	0.44	0.50	0.05
34003036200	0.01	0.78	0.88	0.10
34003005000	0.00	0.46	0.53	0.05
34003041300	0.01	1.24	1.20	0.14
34003045200	0.01	0.79	0.81	0.09
34003051100	0.00	0.53	0.61	0.06
34003045100	0.01	0.78	0.78	0.09
34003051300	0.00	0.40	0.45	0.04
34003051200	0.00	0.50	0.57	0.05
34003018200	0.01	1.31	1.33	0.15
34003051400	0.00	0.50	0.57	0.06
34017014600	0.01	0.97	1.07	0.13
34017019500	0.01	0.98	1.11	0.13

Table C.193: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.11	0.01	1.24	0.62
34003023100	0.17	0.02	2.65	1.37
34003023300	0.16	0.01	2.24	1.14
34003023200	0.15	0.01	2.25	1.20
34003033200	0.13	0.01	1.66	0.83
34003033300	0.15	0.01	1.91	0.94
34003054400	0.21	0.03	3.95	2.04
34003052200	0.10	0.01	1.33	0.70
34003023500	0.15	0.01	2.06	1.02
34003030100	0.09	0.01	1.45	0.63
34003054500	0.23	0.03	5.00	2.48
34003023401	0.14	0.01	1.81	0.89
34003030300	0.08	0.01	1.76	0.68
34003030200	0.08	0.01	1.68	0.66
34003023402	0.09	0.01	1.43	0.65
34003021400	0.08	0.01	1.95	0.76
34003004000	0.23	0.02	3.66	1.85
34003054600	0.19	0.02	3.90	1.91
34003021300	0.07	0.01	1.92	0.73
34003023600	0.14	0.01	2.59	1.09
34003030400	0.08	0.01	2.39	0.82
34031175200	0.05	0.01	2.01	0.68
34003028001	0.26	0.04	6.91	3.19
34003025100	0.10	0.01	3.38	1.04
34003021500	0.07	0.01	2.20	0.76
34003021600	0.06	0.01	1.98	0.69
34003036100	0.09	0.01	2.91	0.89

Table C.194: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.07	0.01	2.52	0.78
34003046200	0.19	0.02	3.99	1.57
34003060000	0.07	0.01	2.42	0.70
34003046100	0.20	0.02	6.03	1.90
34031175900	0.04	0.01	1.78	0.58
34003057101	0.06	0.01	2.78	0.87
34003046300	0.15	0.02	5.00	1.47
34003057200	0.08	0.01	2.20	0.69
34003029100	0.16	0.02	5.60	1.63
34031175700	0.11	0.01	1.82	0.58
34003029200	0.12	0.02	6.57	1.68
34003041100	0.29	0.04	9.97	2.87
34003057102	0.07	0.01	1.47	0.45
34003012000	0.12	0.01	1.79	0.55
34003036200	0.12	0.02	5.04	1.32
34003005000	0.11	0.01	1.98	0.59
34003041300	0.36	0.04	14.10	3.38
34003045200	0.13	0.02	7.00	1.86
34003051100	0.16	0.01	2.16	0.68
34003045100	0.13	0.02	7.86	2.11
34003051300	0.15	0.01	1.71	0.53
34003051200	0.20	0.01	2.15	0.67
34003018200	0.92	0.05	13.60	4.30
34003051400	0.25	0.01	2.37	0.74
34017014600	0.93	0.03	8.54	2.80
34017019500	0.73	0.02	6.35	2.03

Table C.195: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.91	0.93	0.24
34003023100	0.00	1.70	1.73	0.45
34003023300	0.00	1.44	1.49	0.38
34003023200	0.00	1.49	1.47	0.40
34003033200	0.00	1.12	1.16	0.29
34003033300	0.00	1.25	1.33	0.33
34003054400	0.00	2.51	2.50	0.66
34003052200	0.00	0.99	0.94	0.25
34003023500	0.00	1.25	1.34	0.33
34003030100	0.00	0.98	1.11	0.24
34003054500	0.00	3.23	3.23	0.82
34003023401	0.00	1.16	1.23	0.30
34003030300	0.00	0.95	1.18	0.23
34003030200	0.00	0.91	1.11	0.22
34003023402	0.00	0.97	1.08	0.24
34003021400	0.00	1.07	1.31	0.26
34003004000	0.00	2.31	2.40	0.61
34003054600	0.00	2.77	2.88	0.72
34003021300	0.00	1.04	1.29	0.25
34003023600	0.00	1.49	1.80	0.38
34003030400	0.00	1.16	1.61	0.28
34031175200	0.00	0.94	1.32	0.22
34003028001	0.00	4.65	4.83	1.13
34003025100	0.00	1.49	2.29	0.36
34003021500	0.00	1.06	1.45	0.25
34003021600	0.00	0.98	1.33	0.23
34003036100	0.00	1.32	2.10	0.32

Table C.196: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.12	1.70	0.27
34003046200	0.00	2.24	2.91	0.58
34003060000	0.00	1.06	1.76	0.25
34003046100	0.00	2.85	4.52	0.72
34031175900	0.00	0.82	1.20	0.20
34003057101	0.00	1.21	1.85	0.29
34003046300	0.00	2.18	3.69	0.54
34003057200	0.00	1.00	1.54	0.24
34003029100	0.00	2.20	3.72	0.54
34031175700	0.00	0.83	1.32	0.21
34003029200	0.00	2.28	4.33	0.55
34003041100	0.00	4.14	6.86	1.00
34003057102	0.00	0.69	1.12	0.17
34003012000	0.00	0.84	1.40	0.21
34003036200	0.00	1.80	3.34	0.44
34003005000	0.00	0.92	1.55	0.23
34003041300	0.00	4.83	9.56	1.16
34003045200	0.00	2.88	5.50	0.73
34003051100	0.00	0.95	1.57	0.24
34003045100	0.00	2.95	5.64	0.76
34003051300	0.00	0.77	1.31	0.20
34003051200	0.00	0.92	1.59	0.24
34003018200	0.00	5.30	9.05	1.42
34003051400	0.00	1.04	1.82	0.27
34017014600	0.00	3.54	5.87	0.93
34017019500	0.00	2.51	4.36	0.67

Table C.197: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.90	1.04	0.22
34003023100	0.01	1.92	2.08	0.48
34003023300	0.01	1.66	1.79	0.39
34003023200	0.01	1.79	1.88	0.45
34003033200	0.01	1.21	1.33	0.28
34003033300	0.01	1.39	1.57	0.32
34003054400	0.01	2.63	3.03	0.71
34003052200	0.01	0.79	1.10	0.23
34003023500	0.01	1.58	1.77	0.37
34003030100	0.00	0.87	1.28	0.23
34003054500	0.01	3.08	3.94	0.90
34003023401	0.01	1.41	1.61	0.33
34003030300	0.00	0.84	1.64	0.25
34003030200	0.00	0.77	1.57	0.25
34003023402	0.01	0.99	1.28	0.24
34003021400	0.00	0.77	1.73	0.27
34003004000	0.01	2.52	2.99	0.65
34003054600	0.01	2.48	3.32	0.72
34003021300	0.00	0.65	1.72	0.26
34003023600	0.01	1.56	2.16	0.37
34003030400	0.00	0.92	2.12	0.29
34031175200	0.00	0.63	1.94	0.26
34003028001	0.01	3.20	5.86	1.16
34003025100	0.01	1.15	2.77	0.33
34003021500	0.00	0.65	1.98	0.27
34003021600	0.00	0.63	1.87	0.26
34003036100	0.00	1.18	2.44	0.29

Table C.198: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.83	2.24	0.27
34003046200	0.01	2.17	3.47	0.57
34003060000	0.00	0.59	2.22	0.24
34003046100	0.01	2.44	5.22	0.67
34031175900	0.00	0.54	1.77	0.22
34003057101	0.00	0.70	2.51	0.29
34003046300	0.01	2.03	4.52	0.53
34003057200	0.00	0.60	2.09	0.25
34003029100	0.01	2.10	4.56	0.52
34031175700	0.01	0.49	1.75	0.20
34003029200	0.01	2.04	5.34	0.51
34003041100	0.02	3.07	8.84	1.04
34003057102	0.00	0.38	1.45	0.16
34003012000	0.01	0.44	1.75	0.19
34003036200	0.01	1.27	3.80	0.36
34003005000	0.01	0.46	1.91	0.20
34003041300	0.02	3.30	12.89	1.24
34003045200	0.01	2.21	6.67	0.68
34003051100	0.01	0.53	2.05	0.22
34003045100	0.01	2.26	7.75	0.78
34003051300	0.01	0.42	1.73	0.18
34003051200	0.01	0.51	2.08	0.21
34003018200	0.05	4.28	12.46	1.39
34003051400	0.02	0.52	2.30	0.22
34017014600	0.06	3.04	8.38	0.86
34017019500	0.04	1.47	5.90	0.57

Table C.199: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.63	0.60	0.18
34003023100	0.00	1.77	1.69	0.49
34003023300	0.00	1.60	1.53	0.45
34003023200	0.00	1.56	1.49	0.45
34003033200	0.00	0.98	0.94	0.28
34003033300	0.00	1.38	1.31	0.37
34003054400	0.00	3.09	3.06	0.87
34003052200	0.00	0.84	0.75	0.23
34003023500	0.00	1.46	1.35	0.37
34003030100	0.00	0.75	0.72	0.18
34003054500	0.00	3.73	3.91	1.03
34003023401	0.00	1.37	1.26	0.35
34003030300	0.00	1.06	1.10	0.24
34003030200	0.00	1.00	1.02	0.23
34003023402	0.00	0.76	0.70	0.17
34003021400	0.00	1.25	1.27	0.28
34003004000	0.00	3.00	2.66	0.70
34003054600	0.00	2.42	2.40	0.59
34003021300	0.00	1.18	1.20	0.26
34003023600	0.00	1.64	1.56	0.35
34003030400	0.00	1.45	1.60	0.30
34031175200	0.00	1.09	1.15	0.22
34003028001	0.00	5.04	5.17	1.05
34003025100	0.00	1.90	2.23	0.37
34003021500	0.00	1.24	1.32	0.25
34003021600	0.00	1.13	1.19	0.23
34003036100	0.00	1.32	1.55	0.24

Table C.200: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.33	1.54	0.26
34003046200	0.00	2.52	2.56	0.49
34003060000	0.00	1.02	1.17	0.17
34003046100	0.00	3.22	3.94	0.56
34031175900	0.00	0.81	0.86	0.15
34003057101	0.00	1.55	1.69	0.28
34003046300	0.00	2.52	3.17	0.43
34003057200	0.00	1.06	1.11	0.18
34003029100	0.00	3.46	4.25	0.60
34031175700	0.00	0.74	0.73	0.12
34003029200	0.00	3.71	4.98	0.61
34003041100	0.00	6.03	8.42	0.98
34003057102	0.00	0.54	0.57	0.09
34003012000	0.00	0.69	0.71	0.11
34003036200	0.00	2.53	3.21	0.41
34003005000	0.00	0.77	0.83	0.12
34003041300	0.00	7.53	12.44	1.13
34003045200	0.00	3.05	4.43	0.48
34003051100	0.00	0.92	0.90	0.14
34003045100	0.00	3.45	5.12	0.55
34003051300	0.00	0.68	0.68	0.10
34003051200	0.00	0.87	0.85	0.12
34003018200	0.00	10.10	11.70	1.49
34003051400	0.00	0.97	0.98	0.13
34017014600	0.00	4.50	6.33	0.80
34017019500	0.00	4.28	4.96	0.63

Table C.201: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	2.75	1.09	0.22
34003023100	0.00	5.75	2.17	0.46
34003023300	0.00	5.08	1.90	0.39
34003023200	0.00	5.29	1.93	0.42
34003033200	0.00	3.63	1.39	0.27
34003033300	0.00	4.32	1.69	0.33
34003054400	0.00	8.17	3.29	0.71
34003052200	0.00	2.47	1.18	0.24
34003023500	0.00	4.58	1.78	0.35
34003030100	0.00	2.67	1.35	0.23
34003054500	0.00	9.36	4.21	0.88
34003023401	0.00	4.19	1.65	0.32
34003030300	0.00	2.40	1.63	0.24
34003030200	0.00	2.21	1.55	0.23
34003023402	0.00	2.97	1.32	0.23
34003021400	0.00	2.32	1.82	0.27
34003004000	0.00	7.58	3.13	0.64
34003054600	0.00	7.41	3.50	0.71
34003021300	0.00	1.97	1.82	0.26
34003023600	0.00	4.71	2.25	0.37
34003030400	0.00	2.75	2.20	0.29
34031175200	0.00	1.76	1.90	0.24
34003028001	0.00	9.32	6.10	1.13
34003025100	0.00	3.61	3.00	0.35
34003021500	0.00	1.90	2.03	0.26
34003021600	0.00	1.82	1.90	0.25
34003036100	0.00	3.56	2.53	0.29

Table C.202: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	2.46	2.28	0.27
34003046200	0.00	6.50	3.63	0.56
34003060000	0.00	1.71	2.24	0.24
34003046100	0.00	7.30	5.46	0.66
34031175900	0.00	1.46	1.68	0.20
34003057101	0.00	2.09	2.60	0.30
34003046300	0.00	5.90	4.58	0.51
34003057200	0.00	1.75	2.14	0.25
34003029100	0.00	6.48	4.87	0.53
34031175700	0.00	1.42	1.77	0.20
34003029200	0.00	6.26	5.65	0.53
34003041100	0.00	8.59	8.76	0.97
34003057102	0.00	1.06	1.40	0.15
34003012000	0.00	1.25	1.73	0.18
34003036200	0.00	4.10	4.21	0.40
34003005000	0.00	1.32	1.91	0.20
34003041300	0.00	9.09	12.60	1.15
34003045200	0.00	6.22	6.55	0.64
34003051100	0.00	1.55	2.06	0.22
34003045100	0.00	5.93	7.14	0.69
34003051300	0.00	1.18	1.67	0.17
34003051200	0.00	1.48	2.09	0.21
34003018200	0.00	11.78	11.98	1.31
34003051400	0.00	1.54	2.33	0.22
34017014600	0.00	8.49	7.95	0.80
34017019500	0.00	4.50	6.20	0.59

Table C.203: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.30	0.03	1.03	0.36
34003023100	0.48	0.07	2.16	0.78
34003023300	0.43	0.06	1.79	0.63
34003023200	0.41	0.06	1.85	0.69
34003033200	0.36	0.04	1.35	0.47
34003033300	0.42	0.05	1.55	0.53
34003054400	0.57	0.11	3.07	1.10
34003052200	0.28	0.04	1.07	0.39
34003023500	0.44	0.06	1.75	0.60
34003030100	0.25	0.04	1.25	0.38
34003054500	0.62	0.13	3.93	1.36
34003023401	0.40	0.05	1.54	0.52
34003030300	0.24	0.04	1.52	0.41
34003030200	0.23	0.04	1.44	0.39
34003023402	0.28	0.04	1.27	0.40
34003021400	0.24	0.04	1.59	0.43
34003004000	0.63	0.10	2.99	1.05
34003054600	0.55	0.11	3.32	1.13
34003021300	0.21	0.04	1.57	0.41
34003023600	0.42	0.06	2.24	0.65
34003030400	0.24	0.04	1.99	0.47
34031175200	0.14	0.04	1.72	0.40
34003028001	0.75	0.18	5.85	1.88
34003025100	0.27	0.06	2.76	0.59
34003021500	0.19	0.04	1.84	0.44
34003021600	0.17	0.04	1.69	0.41
34003036100	0.28	0.05	2.62	0.55

Table C.204: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.20	0.04	2.17	0.47
34003046200	0.56	0.09	3.47	0.95
34003060000	0.20	0.04	2.14	0.43
34003046100	0.61	0.11	5.24	1.15
34031175900	0.11	0.03	1.59	0.36
34003057101	0.16	0.05	2.31	0.50
34003046300	0.45	0.08	4.48	0.91
34003057200	0.23	0.04	1.90	0.41
34003029100	0.47	0.09	4.76	0.96
34031175700	0.33	0.03	1.59	0.35
34003029200	0.35	0.09	5.52	0.97
34003041100	0.89	0.17	8.78	1.76
34003057102	0.21	0.03	1.36	0.29
34003012000	0.38	0.03	1.63	0.34
34003036200	0.35	0.07	4.38	0.79
34003005000	0.34	0.03	1.79	0.37
34003041300	1.09	0.20	12.54	2.09
34003045200	0.42	0.11	6.54	1.20
34003051100	0.49	0.04	1.89	0.41
34003045100	0.44	0.13	7.51	1.39
34003051300	0.47	0.03	1.59	0.34
34003051200	0.59	0.03	1.90	0.41
34003018200	2.76	0.23	11.95	2.59
34003051400	0.75	0.04	2.12	0.45
34017014600	2.88	0.15	7.73	1.73
34017019500	2.14	0.10	5.47	1.18

Table C.205: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	1.04	0.42
34003023100	0.00	0.01	2.11	0.93
34003023300	0.00	0.01	1.97	0.83
34003023200	0.00	0.01	2.01	0.91
34003033200	0.00	0.01	1.32	0.54
34003033300	0.00	0.01	1.71	0.68
34003054400	0.00	0.02	3.55	1.59
34003052200	0.00	0.01	1.18	0.48
34003023500	0.00	0.01	1.86	0.75
34003030100	0.00	0.01	1.36	0.46
34003054500	0.00	0.02	4.60	2.01
34003023401	0.00	0.01	1.78	0.70
34003030300	0.00	0.01	1.70	0.50
34003030200	0.00	0.01	1.62	0.49
34003023402	0.00	0.01	1.35	0.48
34003021400	0.00	0.01	1.93	0.58
34003004000	0.00	0.02	3.42	1.43
34003054600	0.00	0.02	3.81	1.59
34003021300	0.00	0.01	1.95	0.57
34003023600	0.00	0.01	2.26	0.75
34003030400	0.00	0.01	2.33	0.61
34031175200	0.00	0.01	2.10	0.53
34003028001	0.00	0.03	6.78	2.57
34003025100	0.00	0.01	3.07	0.71
34003021500	0.00	0.01	2.09	0.54
34003021600	0.00	0.01	2.03	0.53
34003036100	0.00	0.01	2.48	0.57

Table C.206: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	2.35	0.54
34003046200	0.00	0.02	3.94	1.23
34003060000	0.00	0.01	2.23	0.46
34003046100	0.00	0.03	5.91	1.45
34031175900	0.00	0.01	1.82	0.44
34003057101	0.00	0.01	2.77	0.63
34003046300	0.00	0.02	4.85	1.08
34003057200	0.00	0.01	2.27	0.52
34003029100	0.00	0.02	5.15	1.12
34031175700	0.00	0.01	1.93	0.43
34003029200	0.00	0.02	5.91	1.09
34003041100	0.00	0.04	9.49	2.14
34003057102	0.00	0.01	1.41	0.30
34003012000	0.00	0.01	1.73	0.36
34003036200	0.00	0.02	4.25	0.78
34003005000	0.00	0.01	1.89	0.38
34003041300	0.00	0.05	14.20	2.60
34003045200	0.00	0.03	6.77	1.31
34003051100	0.00	0.01	2.19	0.45
34003045100	0.00	0.03	7.46	1.43
34003051300	0.00	0.01	1.69	0.33
34003051200	0.00	0.01	2.19	0.42
34003018200	0.00	0.06	13.75	2.93
34003051400	0.00	0.01	2.38	0.43
34017014600	0.00	0.03	9.05	1.73
34017019500	0.00	0.03	6.74	1.21

Table C.207: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	5.49	0.56	0.05
34003023100	0.00	9.83	0.97	0.10
34003023300	0.00	7.26	0.71	0.07
34003023200	0.00	7.07	0.68	0.07
34003033200	0.00	6.57	0.66	0.06
34003033300	0.00	6.57	0.67	0.06
34003054400	0.00	11.35	1.19	0.12
34003052200	0.00	4.73	0.55	0.05
34003023500	0.00	6.08	0.62	0.06
34003030100	0.00	5.31	0.67	0.05
34003054500	0.00	13.88	1.60	0.16
34003023401	0.00	5.50	0.56	0.05
34003030300	0.00	3.39	0.55	0.04
34003030200	0.00	3.13	0.51	0.04
34003023402	0.00	5.37	0.61	0.05
34003021400	0.00	3.61	0.64	0.05
34003004000	0.00	11.21	1.19	0.11
34003054600	0.00	13.22	1.58	0.15
34003021300	0.00	3.16	0.63	0.04
34003023600	0.00	7.62	0.93	0.07
34003030400	0.00	4.09	0.77	0.05
34031175200	0.00	2.61	0.60	0.04
34003028001	0.00	17.06	2.61	0.23
34003025100	0.00	6.36	1.26	0.07
34003021500	0.00	3.25	0.74	0.04
34003021600	0.00	2.77	0.62	0.04
34003036100	0.00	6.83	1.22	0.06

Table C.208: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	4.24	0.91	0.05
34003046200	0.00	10.59	1.50	0.11
34003060000	0.00	3.98	1.09	0.05
34003046100	0.00	13.85	2.59	0.15
34031175900	0.00	2.72	0.66	0.04
34003057101	0.00	3.74	0.97	0.05
34003046300	0.00	10.31	2.00	0.10
34003057200	0.00	3.17	0.81	0.04
34003029100	0.00	9.46	1.78	0.09
34031175700	0.00	2.87	0.74	0.04
34003029200	0.00	10.61	2.36	0.10
34003041100	0.00	15.43	3.71	0.20
34003057102	0.00	2.70	0.73	0.04
34003012000	0.00	3.62	1.00	0.05
34003036200	0.00	6.68	1.61	0.07
34003005000	0.00	3.87	1.12	0.05
34003041300	0.00	15.31	4.82	0.21
34003045200	0.00	14.97	3.76	0.17
34003051100	0.00	3.62	0.97	0.05
34003045100	0.00	14.02	3.85	0.18
34003051300	0.00	3.10	0.86	0.04
34003051200	0.00	3.71	1.03	0.05
34003018200	0.00	20.59	4.75	0.25
34003051400	0.00	4.27	1.23	0.05
34017014600	0.00	17.96	3.82	0.18
34017019500	0.00	10.44	2.85	0.13

Table C.209: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	1.01	0.79
34003023100	0.00	0.00	1.97	1.60
34003023300	0.00	0.00	1.81	1.44
34003023200	0.00	0.00	1.76	1.48
34003033200	0.00	0.00	1.30	1.01
34003033300	0.00	0.00	1.55	1.19
34003054400	0.00	0.00	3.20	2.61
34003052200	0.00	0.00	1.08	0.88
34003023500	0.00	0.00	1.60	1.24
34003030100	0.00	0.00	1.24	0.84
34003054500	0.00	0.00	4.10	3.22
34003023401	0.00	0.00	1.48	1.13
34003030300	0.00	0.00	1.42	0.85
34003030200	0.00	0.00	1.35	0.82
34003023402	0.00	0.00	1.21	0.85
34003021400	0.00	0.00	1.61	0.98
34003004000	0.00	0.00	3.02	2.40
34003054600	0.00	0.00	3.46	2.66
34003021300	0.00	0.00	1.59	0.94
34003023600	0.00	0.00	2.08	1.37
34003030400	0.00	0.00	2.01	1.07
34031175200	0.00	0.00	1.65	0.86
34003028001	0.00	0.00	6.07	4.40
34003025100	0.00	0.00	2.80	1.34
34003021500	0.00	0.00	1.75	0.93
34003021600	0.00	0.00	1.61	0.87
34003036100	0.00	0.00	2.24	1.06

Table C.210: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	2.07	1.00
34003046200	0.00	0.00	3.48	2.14
34003060000	0.00	0.00	1.99	0.88
34003046100	0.00	0.00	5.41	2.65
34031175900	0.00	0.00	1.46	0.74
34003057101	0.00	0.00	2.29	1.10
34003046300	0.00	0.00	4.35	1.98
34003057200	0.00	0.00	1.86	0.90
34003029100	0.00	0.00	4.61	2.07
34031175700	0.00	0.00	1.63	0.79
34003029200	0.00	0.00	5.35	2.10
34003041100	0.00	0.00	8.49	3.80
34003057102	0.00	0.00	1.24	0.58
34003012000	0.00	0.00	1.54	0.72
34003036200	0.00	0.00	3.77	1.51
34003005000	0.00	0.00	1.70	0.77
34003041300	0.00	0.00	12.28	4.57
34003045200	0.00	0.00	6.11	2.51
34003051100	0.00	0.00	1.90	0.91
34003045100	0.00	0.00	6.60	2.73
34003051300	0.00	0.00	1.46	0.69
34003051200	0.00	0.00	1.91	0.90
34003018200	0.00	0.00	11.70	5.68
34003051400	0.00	0.00	2.09	0.98
34017014600	0.00	0.00	7.55	3.74
34017019500	0.00	0.00	5.69	2.72

Table C.211: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.30	0.77	0.06
34003023100	0.00	1.00	2.88	0.20
34003023300	0.00	0.78	2.13	0.15
34003023200	0.00	0.79	2.19	0.16
34003033200	0.00	0.50	1.34	0.10
34003033300	0.00	0.66	1.79	0.13
34003054400	0.00	1.45	4.55	0.32
34003052200	0.00	0.38	0.99	0.08
34003023500	0.00	0.71	1.98	0.14
34003030100	0.00	0.28	0.84	0.05
34003054500	0.00	1.62	5.79	0.37
34003023401	0.00	0.61	1.66	0.11
34003030300	0.00	0.42	1.47	0.08
34003030200	0.00	0.39	1.36	0.08
34003023402	0.00	0.28	0.83	0.05
34003021400	0.00	0.46	1.64	0.09
34003004000	0.00	1.16	3.64	0.24
34003054600	0.00	0.76	2.83	0.17
34003021300	0.00	0.40	1.50	0.08
34003023600	0.00	0.63	2.11	0.12
34003030400	0.00	0.51	2.03	0.10
34031175200	0.00	0.33	1.40	0.07
34003028001	0.00	1.29	6.51	0.34
34003025100	0.00	0.67	2.95	0.13
34003021500	0.00	0.43	1.83	0.09
34003021600	0.00	0.37	1.52	0.08
34003036100	0.00	0.50	2.21	0.09

Table C.212: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.45	2.01	0.09
34003046200	0.00	0.74	3.04	0.15
34003060000	0.00	0.29	1.47	0.06
34003046100	0.00	0.85	4.60	0.17
34031175900	0.00	0.23	1.04	0.05
34003057101	0.00	0.47	2.21	0.10
34003046300	0.00	0.71	3.77	0.13
34003057200	0.00	0.28	1.32	0.06
34003029100	0.00	1.20	5.93	0.22
34031175700	0.00	0.17	0.80	0.04
34003029200	0.00	1.35	7.24	0.24
34003041100	0.00	1.54	11.27	0.33
34003057102	0.00	0.14	0.67	0.03
34003012000	0.00	0.16	0.82	0.03
34003036200	0.00	1.07	5.59	0.19
34003005000	0.00	0.19	0.96	0.04
34003041300	0.00	1.77	16.21	0.39
34003045200	0.00	0.76	5.25	0.15
34003051100	0.00	0.20	1.02	0.04
34003045100	0.00	0.85	6.36	0.18
34003051300	0.00	0.15	0.79	0.03
34003051200	0.00	0.18	0.95	0.04
34003018200	0.00	2.71	16.36	0.56
34003051400	0.00	0.21	1.11	0.04
34017014600	0.00	1.74	7.65	0.27
34017019500	0.00	1.18	6.09	0.22

Table C.213: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	1.93	1.16	0.14
34003023100	0.00	4.10	2.37	0.30
34003023300	0.00	3.49	2.00	0.24
34003023200	0.00	3.63	2.04	0.26
34003033200	0.00	2.57	1.51	0.18
34003033300	0.00	2.96	1.77	0.21
34003054400	0.00	5.65	3.46	0.44
34003052200	0.00	1.77	1.25	0.15
34003023500	0.00	3.13	1.86	0.22
34003030100	0.00	1.85	1.40	0.14
34003054500	0.00	6.61	4.47	0.55
34003023401	0.00	2.82	1.70	0.20
34003030300	0.00	1.67	1.65	0.15
34003030200	0.00	1.55	1.57	0.14
34003023402	0.00	2.03	1.37	0.14
34003021400	0.00	1.67	1.85	0.16
34003004000	0.00	5.26	3.29	0.40
34003054600	0.00	5.15	3.63	0.44
34003021300	0.00	1.44	1.83	0.16
34003023600	0.00	3.27	2.37	0.23
34003030400	0.00	1.92	2.21	0.17
34031175200	0.00	1.29	1.89	0.14
34003028001	0.00	6.85	6.37	0.70
34003025100	0.00	2.58	3.10	0.22
34003021500	0.00	1.44	2.07	0.16
34003021600	0.00	1.35	1.90	0.15
34003036100	0.00	2.59	2.73	0.19

Table C.214: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.79	2.36	0.17
34003046200	0.00	4.46	3.72	0.34
34003060000	0.00	1.36	2.37	0.15
34003046100	0.00	5.13	5.64	0.41
34031175900	0.00	1.13	1.75	0.13
34003057101	0.00	1.61	2.66	0.18
34003046300	0.00	4.12	4.72	0.31
34003057200	0.00	1.32	2.15	0.15
34003029100	0.00	4.48	4.99	0.33
34031175700	0.00	1.06	1.75	0.12
34003029200	0.00	4.49	5.93	0.33
34003041100	0.00	6.40	9.22	0.61
34003057102	0.00	0.85	1.47	0.10
34003012000	0.00	1.01	1.81	0.12
34003036200	0.00	2.96	4.34	0.25
34003005000	0.00	1.07	2.00	0.13
34003041300	0.00	6.83	12.98	0.71
34003045200	0.00	4.63	6.95	0.41
34003051100	0.00	1.21	2.11	0.14
34003045100	0.00	4.66	7.80	0.45
34003051300	0.00	0.95	1.74	0.11
34003051200	0.00	1.17	2.12	0.13
34003018200	0.00	8.92	12.67	0.83
34003051400	0.00	1.26	2.40	0.14
34017014600	0.00	6.39	8.44	0.51
34017019500	0.00	3.55	6.32	0.36

Table C.215: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	3.84	0.98	0.18
34003023100	0.00	7.57	1.86	0.37
34003023300	0.00	7.01	1.71	0.32
34003023200	0.00	7.20	1.71	0.34
34003033200	0.00	4.99	1.24	0.23
34003033300	0.00	5.99	1.52	0.28
34003054400	0.00	11.02	2.88	0.57
34003052200	0.00	3.54	1.07	0.21
34003023500	0.00	6.21	1.57	0.29
34003030100	0.00	3.82	1.23	0.20
34003054500	0.00	12.72	3.69	0.71
34003023401	0.00	5.80	1.48	0.27
34003030300	0.00	3.35	1.42	0.20
34003030200	0.00	3.10	1.35	0.19
34003023402	0.00	4.22	1.21	0.20
34003021400	0.00	3.38	1.62	0.23
34003004000	0.00	10.35	2.76	0.53
34003054600	0.00	10.30	3.13	0.59
34003021300	0.00	2.91	1.61	0.22
34003023600	0.00	6.58	2.03	0.32
34003030400	0.00	3.94	1.96	0.25
34031175200	0.00	2.54	1.64	0.20
34003028001	0.00	13.06	5.34	0.92
34003025100	0.00	5.17	2.69	0.30
34003021500	0.00	2.78	1.76	0.22
34003021600	0.00	2.66	1.65	0.21
34003036100	0.00	5.12	2.33	0.26

Table C.216: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	3.59	2.06	0.23
34003046200	0.00	9.04	3.25	0.47
34003060000	0.00	2.67	2.07	0.21
34003046100	0.00	10.24	4.90	0.56
34031175900	0.00	2.23	1.52	0.18
34003057101	0.00	3.16	2.32	0.26
34003046300	0.00	8.29	4.12	0.44
34003057200	0.00	2.63	1.90	0.21
34003029100	0.00	8.83	4.25	0.45
34031175700	0.00	2.19	1.61	0.17
34003029200	0.00	8.80	5.05	0.46
34003041100	0.00	12.13	7.74	0.81
34003057102	0.00	1.67	1.29	0.14
34003012000	0.00	1.99	1.61	0.16
34003036200	0.00	5.88	3.78	0.35
34003005000	0.00	2.11	1.78	0.18
34003041300	0.00	13.00	11.09	0.96
34003045200	0.00	9.05	6.01	0.56
34003051100	0.00	2.40	1.87	0.19
34003045100	0.00	8.95	6.70	0.63
34003051300	0.00	1.86	1.54	0.15
34003051200	0.00	2.31	1.91	0.18
34003018200	0.00	16.53	10.44	1.11
34003051400	0.00	2.43	2.13	0.20
34017014600	0.00	12.35	7.23	0.72
34017019500	0.00	6.88	5.60	0.53

Table C.217: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.00	0.35	0.12	0.40
34003023100	0.00	0.00	0.52	0.18	0.65
34003023300	0.00	0.00	0.50	0.18	0.61
34003023200	0.00	0.00	0.48	0.17	0.61
34003033200	0.00	0.00	0.42	0.15	0.49
34003033300	0.00	0.00	0.46	0.16	0.53
34003054400	0.00	0.01	0.65	0.23	0.86
34003052200	0.00	0.00	0.40	0.14	0.41
34003023500	0.00	0.00	0.43	0.15	0.50
34003030100	0.00	0.00	0.31	0.11	0.33
34003054500	0.00	0.01	0.67	0.23	0.91
34003023401	0.00	0.00	0.42	0.15	0.47
34003030300	0.00	0.00	0.34	0.12	0.33
34003030200	0.00	0.00	0.34	0.12	0.33
34003023402	0.00	0.00	0.29	0.10	0.31
34003021400	0.00	0.00	0.40	0.14	0.38
34003004000	0.00	0.00	0.57	0.20	0.69
34003054600	0.00	0.00	0.47	0.16	0.63
34003021300	0.00	0.00	0.38	0.13	0.34
34003023600	0.00	0.00	0.40	0.14	0.45
34003030400	0.00	0.00	0.38	0.13	0.36
34031175200	0.00	0.00	0.31	0.11	0.26
34003028001	0.00	0.00	0.59	0.20	0.81
34003025100	0.00	0.00	0.44	0.15	0.41
34003021500	0.00	0.00	0.36	0.12	0.32
34003021600	0.00	0.00	0.33	0.11	0.29
34003036100	0.00	0.00	0.32	0.11	0.32

Table C.218: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.00	0.34	0.11	0.30
34003046200	0.00	0.00	0.42	0.15	0.50
34003060000	0.00	0.00	0.27	0.09	0.21
34003046100	0.00	0.00	0.43	0.15	0.49
34031175900	0.00	0.00	0.25	0.09	0.20
34003057101	0.00	0.00	0.36	0.13	0.29
34003046300	0.00	0.00	0.37	0.13	0.40
34003057200	0.00	0.00	0.28	0.10	0.22
34003029100	0.00	0.00	0.49	0.17	0.50
34031175700	0.00	0.00	0.22	0.08	0.29
34003029200	0.00	0.00	0.50	0.17	0.46
34003041100	0.00	0.00	0.49	0.17	0.61
34003057102	0.00	0.00	0.17	0.06	0.15
34003012000	0.00	0.00	0.19	0.07	0.28
34003036200	0.00	0.00	0.41	0.14	0.33
34003005000	0.00	0.00	0.21	0.08	0.23
34003041300	0.00	0.00	0.49	0.17	0.59
34003045200	0.00	0.00	0.31	0.10	0.31
34003051100	0.00	0.00	0.24	0.09	0.41
34003045100	0.00	0.00	0.30	0.10	0.29
34003051300	0.00	0.00	0.17	0.07	0.35
34003051200	0.00	0.00	0.23	0.09	0.51
34003018200	0.00	0.01	0.56	0.21	0.44
34003051400	0.00	0.00	0.27	0.10	0.61
34017014600	0.00	0.01	0.59	0.22	1.61
34017019500	0.00	0.01	0.56	0.21	1.42

Table C.219: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.39	0.26	0.05	0.95
34003023100	0.00	0.51	0.34	0.06	1.35
34003023300	0.00	0.50	0.33	0.06	1.28
34003023200	0.00	0.47	0.31	0.05	1.26
34003033200	0.00	0.44	0.29	0.05	1.10
34003033300	0.00	0.47	0.32	0.05	1.17
34003054400	0.00	0.62	0.41	0.07	1.73
34003052200	0.00	0.41	0.28	0.05	0.93
34003023500	0.00	0.41	0.28	0.05	1.04
34003030100	0.00	0.34	0.24	0.04	0.80
34003054500	0.00	0.66	0.43	0.07	1.88
34003023401	0.00	0.41	0.28	0.05	1.01
34003030300	0.00	0.32	0.23	0.04	0.72
34003030200	0.00	0.31	0.22	0.04	0.70
34003023402	0.00	0.31	0.22	0.04	0.76
34003021400	0.00	0.37	0.27	0.04	0.81
34003004000	0.00	0.54	0.37	0.06	1.44
34003054600	0.00	0.51	0.35	0.06	1.47
34003021300	0.00	0.35	0.25	0.04	0.74
34003023600	0.00	0.40	0.28	0.05	1.00
34003030400	0.00	0.35	0.26	0.04	0.78
34031175200	0.00	0.28	0.21	0.03	0.55
34003028001	0.00	0.62	0.41	0.07	1.81
34003025100	0.00	0.40	0.30	0.05	0.89
34003021500	0.00	0.32	0.24	0.04	0.68
34003021600	0.00	0.30	0.22	0.04	0.62
34003036100	0.00	0.32	0.23	0.04	0.75

Table C.220: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.31	0.23	0.04	0.66
34003046200	0.00	0.44	0.31	0.05	1.16
34003060000	0.00	0.32	0.20	0.03	0.49
34003046100	0.00	0.45	0.32	0.06	1.19
34031175900	0.00	0.26	0.17	0.03	0.45
34003057101	0.00	0.37	0.24	0.04	0.63
34003046300	0.00	0.37	0.27	0.05	0.94
34003057200	0.00	0.34	0.20	0.04	0.49
34003029100	0.00	0.44	0.33	0.05	1.07
34031175700	0.00	0.32	0.16	0.03	0.68
34003029200	0.00	0.43	0.33	0.06	0.98
34003041100	0.00	0.47	0.34	0.06	1.34
34003057102	0.00	0.24	0.13	0.02	0.36
34003012000	0.00	0.31	0.15	0.03	0.72
34003036200	0.00	0.44	0.27	0.05	0.70
34003005000	0.00	0.31	0.16	0.03	0.58
34003041300	0.00	0.46	0.34	0.06	1.30
34003045200	0.00	0.31	0.25	0.04	0.79
34003051100	0.00	0.38	0.17	0.04	0.97
34003045100	0.00	0.29	0.22	0.04	0.68
34003051300	0.00	0.31	0.13	0.03	0.88
34003051200	0.00	0.41	0.18	0.04	1.23
34003018200	0.00	0.72	0.37	0.07	0.94
34003051400	0.00	0.47	0.21	0.04	1.52
34017014600	0.00	0.95	0.41	0.08	3.58
34017019500	0.00	0.90	0.39	0.08	3.18

Table C.221: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.08	0.32	0.04	0.03
34003023100	0.00	0.11	0.43	0.06	0.04
34003023300	0.00	0.10	0.42	0.06	0.04
34003023200	0.00	0.11	0.42	0.06	0.04
34003033200	0.00	0.09	0.36	0.05	0.03
34003033300	0.00	0.10	0.41	0.05	0.04
34003054400	0.00	0.13	0.52	0.07	0.06
34003052200	0.00	0.08	0.35	0.05	0.03
34003023500	0.00	0.09	0.39	0.05	0.04
34003030100	0.00	0.07	0.30	0.04	0.02
34003054500	0.00	0.14	0.55	0.07	0.06
34003023401	0.00	0.09	0.39	0.05	0.04
34003030300	0.00	0.08	0.34	0.04	0.03
34003030200	0.00	0.08	0.34	0.04	0.03
34003023402	0.00	0.06	0.28	0.04	0.02
34003021400	0.00	0.08	0.37	0.05	0.03
34003004000	0.00	0.12	0.49	0.06	0.05
34003054600	0.00	0.10	0.42	0.06	0.04
34003021300	0.00	0.08	0.36	0.05	0.03
34003023600	0.00	0.08	0.35	0.05	0.03
34003030400	0.00	0.08	0.36	0.05	0.03
34031175200	0.00	0.07	0.32	0.04	0.02
34003028001	0.00	0.13	0.52	0.07	0.06
34003025100	0.00	0.08	0.38	0.05	0.03
34003021500	0.00	0.08	0.35	0.04	0.02
34003021600	0.00	0.07	0.34	0.04	0.02
34003036100	0.00	0.06	0.29	0.04	0.02

Table C.222: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.07	0.32	0.04	0.02
34003046200	0.00	0.09	0.39	0.05	0.04
34003060000	0.00	0.06	0.26	0.04	0.02
34003046100	0.00	0.09	0.39	0.05	0.04
34031175900	0.00	0.06	0.27	0.04	0.02
34003057101	0.00	0.08	0.35	0.05	0.02
34003046300	0.00	0.08	0.35	0.04	0.03
34003057200	0.00	0.07	0.29	0.04	0.02
34003029100	0.00	0.09	0.42	0.05	0.03
34031175700	0.00	0.07	0.23	0.04	0.02
34003029200	0.00	0.09	0.43	0.05	0.03
34003041100	0.00	0.10	0.46	0.06	0.05
34003057102	0.00	0.05	0.18	0.03	0.01
34003012000	0.00	0.06	0.20	0.04	0.02
34003036200	0.00	0.07	0.33	0.05	0.02
34003005000	0.00	0.06	0.21	0.03	0.02
34003041300	0.00	0.11	0.47	0.06	0.05
34003045200	0.00	0.06	0.31	0.04	0.03
34003051100	0.00	0.08	0.24	0.04	0.03
34003045100	0.00	0.06	0.31	0.04	0.02
34003051300	0.00	0.06	0.18	0.04	0.03
34003051200	0.00	0.08	0.24	0.05	0.04
34003018200	0.00	0.13	0.53	0.09	0.03
34003051400	0.00	0.09	0.27	0.05	0.05
34017014600	0.00	0.21	0.61	0.11	0.13
34017019500	0.00	0.19	0.54	0.10	0.11

Table C.223: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.35	0.12	0.02	0.05
34003023100	0.00	0.68	0.24	0.05	0.11
34003023300	0.00	0.70	0.25	0.05	0.11
34003023200	0.00	0.66	0.24	0.05	0.10
34003033200	0.00	0.49	0.17	0.03	0.07
34003033300	0.00	0.64	0.23	0.04	0.09
34003054400	0.00	1.05	0.38	0.07	0.17
34003052200	0.00	0.44	0.16	0.03	0.06
34003023500	0.00	0.56	0.20	0.04	0.09
34003030100	0.00	0.31	0.11	0.02	0.04
34003054500	0.00	1.10	0.40	0.08	0.19
34003023401	0.00	0.57	0.20	0.04	0.08
34003030300	0.00	0.41	0.15	0.03	0.05
34003030200	0.00	0.40	0.14	0.03	0.05
34003023402	0.00	0.28	0.10	0.02	0.04
34003021400	0.00	0.51	0.18	0.03	0.06
34003004000	0.00	0.81	0.29	0.06	0.13
34003054600	0.00	0.58	0.21	0.04	0.10
34003021300	0.00	0.47	0.16	0.03	0.05
34003023600	0.00	0.47	0.17	0.03	0.07
34003030400	0.00	0.49	0.18	0.03	0.06
34031175200	0.00	0.36	0.13	0.02	0.04
34003028001	0.00	0.86	0.31	0.06	0.15
34003025100	0.00	0.55	0.20	0.04	0.07
34003021500	0.00	0.43	0.15	0.03	0.05
34003021600	0.00	0.39	0.14	0.03	0.04
34003036100	0.00	0.32	0.12	0.02	0.04

Table C.224: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.40	0.14	0.03	0.05
34003046200	0.00	0.51	0.19	0.03	0.08
34003060000	0.00	0.25	0.09	0.02	0.03
34003046100	0.00	0.50	0.18	0.03	0.08
34031175900	0.00	0.25	0.09	0.02	0.03
34003057101	0.00	0.44	0.16	0.03	0.05
34003046300	0.00	0.42	0.15	0.03	0.06
34003057200	0.00	0.29	0.10	0.02	0.03
34003029100	0.00	0.68	0.25	0.05	0.10
34031175700	0.00	0.19	0.07	0.02	0.03
34003029200	0.00	0.70	0.25	0.05	0.09
34003041100	0.00	0.70	0.26	0.05	0.12
34003057102	0.00	0.14	0.05	0.01	0.01
34003012000	0.00	0.16	0.05	0.01	0.03
34003036200	0.00	0.50	0.18	0.04	0.06
34003005000	0.00	0.17	0.06	0.01	0.02
34003041300	0.00	0.72	0.26	0.05	0.12
34003045200	0.00	0.34	0.12	0.02	0.05
34003051100	0.00	0.21	0.07	0.02	0.05
34003045100	0.00	0.34	0.12	0.02	0.05
34003051300	0.00	0.15	0.05	0.01	0.04
34003051200	0.00	0.20	0.07	0.02	0.05
34003018200	0.00	0.89	0.31	0.07	0.10
34003051400	0.00	0.22	0.08	0.02	0.07
34017014600	0.00	0.69	0.28	0.07	0.27
34017019500	0.00	0.76	0.30	0.08	0.28

Table C.225: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.07	0.32	0.04	0.01
34003023100	0.00	0.09	0.44	0.06	0.01
34003023300	0.00	0.09	0.44	0.06	0.01
34003023200	0.00	0.09	0.42	0.06	0.01
34003033200	0.00	0.08	0.37	0.05	0.01
34003033300	0.00	0.09	0.42	0.05	0.01
34003054400	0.00	0.12	0.56	0.07	0.02
34003052200	0.00	0.07	0.37	0.05	0.01
34003023500	0.00	0.08	0.38	0.05	0.01
34003030100	0.00	0.06	0.30	0.04	0.01
34003054500	0.00	0.12	0.58	0.08	0.02
34003023401	0.00	0.08	0.39	0.05	0.01
34003030300	0.00	0.06	0.33	0.04	0.01
34003030200	0.00	0.06	0.32	0.04	0.01
34003023402	0.00	0.06	0.28	0.04	0.01
34003021400	0.00	0.07	0.38	0.05	0.01
34003004000	0.00	0.10	0.50	0.06	0.01
34003054600	0.00	0.09	0.43	0.06	0.01
34003021300	0.00	0.07	0.37	0.05	0.01
34003023600	0.00	0.07	0.36	0.05	0.01
34003030400	0.00	0.07	0.36	0.05	0.01
34031175200	0.00	0.06	0.31	0.04	0.01
34003028001	0.00	0.11	0.53	0.07	0.02
34003025100	0.00	0.08	0.40	0.05	0.01
34003021500	0.00	0.07	0.35	0.04	0.01
34003021600	0.00	0.06	0.33	0.04	0.01
34003036100	0.00	0.06	0.29	0.04	0.01

Table C.226: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.06	0.32	0.04	0.01
34003046200	0.00	0.08	0.40	0.05	0.01
34003060000	0.00	0.05	0.26	0.04	0.00
34003046100	0.00	0.08	0.40	0.05	0.01
34031175900	0.00	0.05	0.25	0.03	0.00
34003057101	0.00	0.07	0.35	0.05	0.01
34003046300	0.00	0.07	0.35	0.05	0.01
34003057200	0.00	0.06	0.29	0.04	0.00
34003029100	0.00	0.08	0.44	0.06	0.01
34031175700	0.00	0.06	0.22	0.04	0.01
34003029200	0.00	0.08	0.45	0.06	0.01
34003041100	0.00	0.09	0.44	0.06	0.01
34003057102	0.00	0.04	0.17	0.03	0.00
34003012000	0.00	0.05	0.19	0.03	0.01
34003036200	0.00	0.08	0.35	0.05	0.01
34003005000	0.00	0.05	0.20	0.03	0.00
34003041300	0.00	0.09	0.45	0.06	0.01
34003045200	0.00	0.06	0.30	0.04	0.01
34003051100	0.00	0.06	0.23	0.04	0.01
34003045100	0.00	0.05	0.28	0.04	0.01
34003051300	0.00	0.05	0.17	0.03	0.01
34003051200	0.00	0.07	0.24	0.05	0.01
34003018200	0.00	0.12	0.50	0.08	0.01
34003051400	0.00	0.08	0.27	0.05	0.01
34017014600	0.00	0.17	0.57	0.11	0.03
34017019500	0.00	0.16	0.56	0.11	0.03

Table C.227: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.01	0.29	0.07	0.30
34003023100	0.00	0.01	0.42	0.10	0.48
34003023300	0.00	0.01	0.40	0.10	0.44
34003023200	0.00	0.01	0.39	0.10	0.45
34003033200	0.00	0.01	0.34	0.08	0.37
34003033300	0.00	0.01	0.38	0.09	0.39
34003054400	0.00	0.02	0.50	0.12	0.61
34003052200	0.00	0.01	0.32	0.08	0.30
34003023500	0.00	0.01	0.37	0.09	0.39
34003030100	0.00	0.01	0.27	0.06	0.26
34003054500	0.00	0.02	0.53	0.13	0.65
34003023401	0.00	0.01	0.35	0.08	0.36
34003030300	0.00	0.01	0.29	0.07	0.26
34003030200	0.00	0.01	0.29	0.07	0.26
34003023402	0.00	0.01	0.26	0.06	0.25
34003021400	0.00	0.01	0.32	0.08	0.28
34003004000	0.00	0.01	0.46	0.11	0.52
34003054600	0.00	0.01	0.40	0.10	0.48
34003021300	0.00	0.01	0.31	0.07	0.26
34003023600	0.00	0.01	0.35	0.08	0.35
34003030400	0.00	0.01	0.32	0.08	0.27
34031175200	0.00	0.01	0.27	0.06	0.20
34003028001	0.00	0.02	0.50	0.12	0.63
34003025100	0.00	0.01	0.36	0.08	0.30
34003021500	0.00	0.01	0.30	0.07	0.24
34003021600	0.00	0.01	0.28	0.07	0.22
34003036100	0.00	0.01	0.29	0.07	0.26

Table C.228: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.01	0.29	0.07	0.24
34003046200	0.00	0.01	0.37	0.09	0.39
34003060000	0.00	0.01	0.24	0.06	0.17
34003046100	0.00	0.01	0.37	0.09	0.39
34031175900	0.00	0.01	0.23	0.05	0.17
34003057101	0.00	0.01	0.30	0.07	0.22
34003046300	0.00	0.01	0.33	0.08	0.32
34003057200	0.00	0.01	0.25	0.06	0.17
34003029100	0.00	0.01	0.42	0.10	0.39
34031175700	0.00	0.01	0.19	0.05	0.23
34003029200	0.00	0.01	0.42	0.10	0.35
34003041100	0.00	0.01	0.43	0.10	0.49
34003057102	0.00	0.01	0.16	0.04	0.13
34003012000	0.00	0.01	0.17	0.05	0.24
34003036200	0.00	0.01	0.36	0.09	0.26
34003005000	0.00	0.01	0.19	0.05	0.19
34003041300	0.00	0.01	0.44	0.10	0.48
34003045200	0.00	0.01	0.29	0.07	0.27
34003051100	0.00	0.01	0.21	0.06	0.33
34003045100	0.00	0.01	0.28	0.07	0.26
34003051300	0.00	0.01	0.16	0.05	0.30
34003051200	0.00	0.01	0.21	0.06	0.41
34003018200	0.00	0.02	0.49	0.13	0.35
34003051400	0.00	0.01	0.24	0.06	0.50
34017014600	0.01	0.02	0.54	0.15	1.33
34017019500	0.01	0.02	0.48	0.13	1.12

Table C.229: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.00	0.32	0.08	0.00
34003023100	0.00	0.00	0.44	0.11	0.00
34003023300	0.00	0.00	0.47	0.12	0.00
34003023200	0.00	0.00	0.45	0.12	0.00
34003033200	0.00	0.00	0.36	0.09	0.00
34003033300	0.00	0.00	0.44	0.11	0.00
34003054400	0.00	0.00	0.61	0.16	0.00
34003052200	0.00	0.00	0.38	0.10	0.00
34003023500	0.00	0.00	0.41	0.11	0.00
34003030100	0.00	0.00	0.32	0.08	0.00
34003054500	0.00	0.00	0.64	0.17	0.00
34003023401	0.00	0.00	0.44	0.11	0.00
34003030300	0.00	0.00	0.35	0.09	0.00
34003030200	0.00	0.00	0.35	0.09	0.00
34003023402	0.00	0.00	0.29	0.07	0.00
34003021400	0.00	0.00	0.42	0.11	0.00
34003004000	0.00	0.00	0.56	0.14	0.00
34003054600	0.00	0.00	0.48	0.13	0.00
34003021300	0.00	0.00	0.41	0.10	0.00
34003023600	0.00	0.00	0.37	0.09	0.00
34003030400	0.00	0.00	0.40	0.10	0.00
34031175200	0.00	0.00	0.35	0.09	0.00
34003028001	0.00	0.00	0.60	0.16	0.00
34003025100	0.00	0.00	0.43	0.11	0.00
34003021500	0.00	0.00	0.37	0.09	0.00
34003021600	0.00	0.00	0.37	0.09	0.00
34003036100	0.00	0.00	0.29	0.07	0.00

Table C.230: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.00	0.34	0.08	0.00
34003046200	0.00	0.00	0.44	0.11	0.00
34003060000	0.00	0.00	0.26	0.08	0.00
34003046100	0.00	0.00	0.45	0.11	0.00
34031175900	0.00	0.00	0.28	0.08	0.00
34003057101	0.00	0.00	0.39	0.11	0.00
34003046300	0.00	0.00	0.38	0.10	0.00
34003057200	0.00	0.00	0.32	0.10	0.00
34003029100	0.00	0.00	0.48	0.12	0.00
34031175700	0.00	0.00	0.25	0.09	0.00
34003029200	0.00	0.00	0.48	0.12	0.00
34003041100	0.00	0.00	0.49	0.13	0.00
34003057102	0.00	0.00	0.18	0.06	0.00
34003012000	0.00	0.00	0.20	0.07	0.00
34003036200	0.00	0.00	0.37	0.11	0.00
34003005000	0.00	0.00	0.21	0.07	0.00
34003041300	0.00	0.00	0.53	0.14	0.00
34003045200	0.00	0.00	0.32	0.08	0.00
34003051100	0.00	0.00	0.26	0.10	0.00
34003045100	0.00	0.00	0.30	0.08	0.00
34003051300	0.00	0.00	0.18	0.07	0.00
34003051200	0.00	0.00	0.25	0.10	0.00
34003018200	0.00	0.00	0.59	0.19	0.00
34003051400	0.00	0.00	0.28	0.11	0.00
34017014600	0.00	0.00	0.66	0.25	0.01
34017019500	0.00	0.00	0.62	0.24	0.01

Table C.231: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.79	0.16	0.01	0.16
34003023100	0.00	0.93	0.19	0.01	0.22
34003023300	0.00	0.78	0.16	0.01	0.18
34003023200	0.00	0.70	0.14	0.01	0.17
34003033200	0.00	0.82	0.17	0.01	0.18
34003033300	0.00	0.79	0.16	0.01	0.17
34003054400	0.00	0.95	0.20	0.01	0.23
34003052200	0.00	0.81	0.17	0.01	0.15
34003023500	0.00	0.63	0.13	0.01	0.14
34003030100	0.00	0.70	0.15	0.01	0.14
34003054500	0.00	1.04	0.21	0.01	0.26
34003023401	0.00	0.63	0.13	0.01	0.13
34003030300	0.00	0.51	0.11	0.01	0.09
34003030200	0.00	0.49	0.10	0.01	0.09
34003023402	0.00	0.60	0.12	0.01	0.12
34003021400	0.00	0.62	0.13	0.01	0.11
34003004000	0.00	0.89	0.18	0.01	0.21
34003054600	0.00	0.92	0.19	0.01	0.23
34003021300	0.00	0.58	0.12	0.01	0.10
34003023600	0.00	0.70	0.15	0.01	0.15
34003030400	0.00	0.58	0.12	0.01	0.10
34031175200	0.00	0.43	0.09	0.01	0.07
34003028001	0.00	1.07	0.22	0.01	0.28
34003025100	0.00	0.76	0.16	0.01	0.14
34003021500	0.00	0.56	0.12	0.01	0.10
34003021600	0.00	0.47	0.10	0.01	0.08
34003036100	0.00	0.63	0.13	0.01	0.12

Table C.232: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.56	0.12	0.01	0.10
34003046200	0.00	0.77	0.16	0.01	0.17
34003060000	0.00	0.58	0.12	0.01	0.08
34003046100	0.00	0.88	0.18	0.01	0.19
34031175900	0.00	0.44	0.09	0.01	0.07
34003057101	0.00	0.59	0.13	0.01	0.09
34003046300	0.00	0.69	0.15	0.01	0.14
34003057200	0.00	0.51	0.10	0.01	0.07
34003029100	0.00	0.73	0.16	0.01	0.14
34031175700	0.00	0.47	0.09	0.01	0.11
34003029200	0.00	0.82	0.18	0.01	0.15
34003041100	0.00	0.86	0.18	0.01	0.20
34003057102	0.00	0.42	0.08	0.01	0.07
34003012000	0.00	0.57	0.11	0.01	0.14
34003036200	0.00	0.63	0.13	0.01	0.09
34003005000	0.00	0.59	0.12	0.01	0.12
34003041300	0.00	0.79	0.17	0.01	0.18
34003045200	0.00	0.76	0.17	0.01	0.15
34003051100	0.00	0.58	0.11	0.01	0.17
34003045100	0.00	0.67	0.14	0.01	0.13
34003051300	0.00	0.49	0.09	0.01	0.16
34003051200	0.00	0.62	0.11	0.01	0.22
34003018200	0.00	1.00	0.19	0.01	0.14
34003051400	0.00	0.74	0.14	0.01	0.28
34017014600	0.00	1.42	0.26	0.02	0.65
34017019500	0.00	1.34	0.25	0.02	0.57

Table C.233: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.00	0.29	0.15	0.43
34003023100	0.00	0.00	0.39	0.21	0.64
34003023300	0.00	0.00	0.41	0.22	0.65
34003023200	0.00	0.00	0.38	0.20	0.63
34003033200	0.00	0.00	0.33	0.18	0.51
34003033300	0.00	0.00	0.38	0.20	0.57
34003054400	0.00	0.00	0.53	0.28	0.92
34003052200	0.00	0.00	0.32	0.17	0.44
34003023500	0.00	0.00	0.34	0.18	0.52
34003030100	0.00	0.00	0.27	0.14	0.37
34003054500	0.00	0.00	0.55	0.29	0.99
34003023401	0.00	0.00	0.34	0.18	0.51
34003030300	0.00	0.00	0.27	0.14	0.36
34003030200	0.00	0.00	0.27	0.14	0.35
34003023402	0.00	0.00	0.25	0.13	0.35
34003021400	0.00	0.00	0.33	0.17	0.41
34003004000	0.00	0.00	0.47	0.25	0.76
34003054600	0.00	0.00	0.42	0.22	0.73
34003021300	0.00	0.00	0.31	0.16	0.38
34003023600	0.00	0.00	0.32	0.17	0.48
34003030400	0.00	0.00	0.32	0.17	0.40
34031175200	0.00	0.00	0.26	0.13	0.28
34003028001	0.00	0.00	0.52	0.28	0.95
34003025100	0.00	0.00	0.36	0.19	0.45
34003021500	0.00	0.00	0.29	0.15	0.34
34003021600	0.00	0.00	0.27	0.14	0.31
34003036100	0.00	0.00	0.25	0.13	0.33

Table C.234: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.00	0.28	0.14	0.33
34003046200	0.00	0.00	0.37	0.20	0.58
34003060000	0.00	0.00	0.22	0.12	0.23
34003046100	0.00	0.00	0.39	0.20	0.59
34031175900	0.00	0.00	0.21	0.11	0.22
34003057101	0.00	0.00	0.30	0.16	0.32
34003046300	0.00	0.00	0.32	0.17	0.46
34003057200	0.00	0.00	0.24	0.13	0.24
34003029100	0.00	0.00	0.40	0.21	0.55
34031175700	0.00	0.00	0.20	0.12	0.34
34003029200	0.00	0.00	0.41	0.21	0.50
34003041100	0.00	0.00	0.42	0.22	0.68
34003057102	0.00	0.00	0.15	0.08	0.17
34003012000	0.00	0.00	0.16	0.10	0.32
34003036200	0.00	0.00	0.31	0.17	0.32
34003005000	0.00	0.00	0.18	0.10	0.26
34003041300	0.00	0.00	0.43	0.22	0.68
34003045200	0.00	0.00	0.27	0.14	0.36
34003051100	0.00	0.00	0.21	0.13	0.48
34003045100	0.00	0.00	0.25	0.13	0.33
34003051300	0.00	0.00	0.15	0.09	0.40
34003051200	0.00	0.00	0.21	0.13	0.60
34003018200	0.00	0.00	0.48	0.28	0.50
34003051400	0.00	0.00	0.24	0.14	0.71
34017014600	0.00	0.00	0.53	0.32	1.89
34017019500	0.00	0.00	0.50	0.30	1.70

Table C.235: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.02	0.16	0.01	0.03
34003023100	0.00	0.07	0.41	0.02	0.08
34003023300	0.00	0.06	0.35	0.02	0.07
34003023200	0.00	0.06	0.35	0.02	0.07
34003033200	0.00	0.04	0.25	0.01	0.05
34003033300	0.00	0.05	0.31	0.02	0.06
34003054400	0.00	0.09	0.57	0.03	0.12
34003052200	0.00	0.03	0.21	0.01	0.03
34003023500	0.00	0.05	0.30	0.02	0.06
34003030100	0.00	0.02	0.13	0.01	0.02
34003054500	0.00	0.10	0.59	0.03	0.13
34003023401	0.00	0.04	0.27	0.01	0.05
34003030300	0.00	0.03	0.20	0.01	0.03
34003030200	0.00	0.03	0.19	0.01	0.03
34003023402	0.00	0.02	0.12	0.01	0.02
34003021400	0.00	0.04	0.23	0.01	0.04
34003004000	0.00	0.06	0.40	0.02	0.08
34003054600	0.00	0.04	0.25	0.01	0.05
34003021300	0.00	0.03	0.21	0.01	0.03
34003023600	0.00	0.04	0.23	0.01	0.04
34003030400	0.00	0.03	0.22	0.01	0.04
34031175200	0.00	0.02	0.16	0.01	0.02
34003028001	0.00	0.06	0.38	0.02	0.09
34003025100	0.00	0.04	0.26	0.01	0.04
34003021500	0.00	0.03	0.21	0.01	0.03
34003021600	0.00	0.03	0.18	0.01	0.03
34003036100	0.00	0.03	0.16	0.01	0.03

Table C.236: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.03	0.18	0.01	0.03
34003046200	0.00	0.04	0.22	0.01	0.04
34003060000	0.00	0.02	0.11	0.01	0.01
34003046100	0.00	0.03	0.21	0.01	0.04
34031175900	0.00	0.02	0.11	0.01	0.01
34003057101	0.00	0.03	0.20	0.01	0.03
34003046300	0.00	0.03	0.18	0.01	0.03
34003057200	0.00	0.02	0.12	0.01	0.02
34003029100	0.00	0.05	0.35	0.02	0.06
34031175700	0.00	0.01	0.07	0.00	0.02
34003029200	0.00	0.06	0.37	0.02	0.06
34003041100	0.00	0.06	0.34	0.02	0.07
34003057102	0.00	0.01	0.06	0.00	0.01
34003012000	0.00	0.01	0.06	0.00	0.02
34003036200	0.00	0.05	0.31	0.02	0.04
34003005000	0.00	0.01	0.07	0.00	0.01
34003041300	0.00	0.06	0.34	0.02	0.07
34003045200	0.00	0.02	0.15	0.01	0.03
34003051100	0.00	0.02	0.08	0.01	0.02
34003045100	0.00	0.02	0.15	0.01	0.03
34003051300	0.00	0.01	0.06	0.00	0.02
34003051200	0.00	0.02	0.08	0.01	0.03
34003018200	0.00	0.08	0.43	0.03	0.06
34003051400	0.00	0.02	0.09	0.01	0.03
34017014600	0.00	0.06	0.33	0.02	0.15
34017019500	0.00	0.07	0.37	0.03	0.16

Table C.237: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.16	0.35	0.03	0.01
34003023100	0.00	0.22	0.48	0.04	0.01
34003023300	0.00	0.21	0.46	0.04	0.01
34003023200	0.00	0.21	0.45	0.04	0.01
34003033200	0.00	0.18	0.40	0.03	0.01
34003033300	0.00	0.21	0.44	0.03	0.01
34003054400	0.00	0.27	0.58	0.05	0.01
34003052200	0.00	0.18	0.39	0.03	0.01
34003023500	0.00	0.19	0.40	0.03	0.01
34003030100	0.00	0.14	0.31	0.02	0.01
34003054500	0.00	0.28	0.61	0.05	0.01
34003023401	0.00	0.19	0.40	0.03	0.01
34003030300	0.00	0.15	0.33	0.03	0.01
34003030200	0.00	0.15	0.33	0.03	0.01
34003023402	0.00	0.13	0.29	0.02	0.00
34003021400	0.00	0.18	0.39	0.03	0.01
34003004000	0.00	0.24	0.52	0.04	0.01
34003054600	0.00	0.21	0.45	0.04	0.01
34003021300	0.00	0.17	0.37	0.03	0.01
34003023600	0.00	0.17	0.38	0.03	0.01
34003030400	0.00	0.16	0.37	0.03	0.01
34031175200	0.00	0.13	0.31	0.02	0.00
34003028001	0.00	0.26	0.55	0.05	0.01
34003025100	0.00	0.18	0.42	0.03	0.01
34003021500	0.00	0.15	0.35	0.03	0.00
34003021600	0.00	0.14	0.33	0.03	0.00
34003036100	0.00	0.14	0.31	0.02	0.00

Table C.238: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.14	0.33	0.03	0.00
34003046200	0.00	0.19	0.41	0.03	0.01
34003060000	0.00	0.13	0.27	0.02	0.00
34003046100	0.00	0.19	0.42	0.03	0.01
34031175900	0.00	0.12	0.26	0.02	0.00
34003057101	0.00	0.16	0.36	0.03	0.00
34003046300	0.00	0.16	0.36	0.03	0.01
34003057200	0.00	0.14	0.29	0.03	0.00
34003029100	0.00	0.20	0.45	0.03	0.01
34031175700	0.00	0.11	0.22	0.02	0.00
34003029200	0.00	0.20	0.47	0.04	0.01
34003041100	0.00	0.21	0.46	0.04	0.01
34003057102	0.00	0.09	0.18	0.02	0.00
34003012000	0.00	0.10	0.20	0.02	0.00
34003036200	0.00	0.17	0.36	0.03	0.00
34003005000	0.00	0.11	0.21	0.02	0.00
34003041300	0.00	0.21	0.47	0.04	0.01
34003045200	0.00	0.14	0.31	0.02	0.01
34003051100	0.00	0.13	0.24	0.03	0.01
34003045100	0.00	0.13	0.30	0.02	0.00
34003051300	0.00	0.10	0.18	0.02	0.01
34003051200	0.00	0.13	0.24	0.03	0.01
34003018200	0.00	0.27	0.53	0.05	0.01
34003051400	0.00	0.15	0.28	0.03	0.01
34017014600	0.00	0.32	0.60	0.07	0.03
34017019500	0.00	0.30	0.57	0.07	0.02

Table C.239: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.24	0.28	0.04	0.01
34003023100	0.00	0.32	0.37	0.05	0.01
34003023300	0.00	0.33	0.39	0.05	0.01
34003023200	0.00	0.32	0.37	0.05	0.01
34003033200	0.00	0.27	0.32	0.04	0.01
34003033300	0.00	0.32	0.37	0.05	0.01
34003054400	0.00	0.41	0.48	0.06	0.01
34003052200	0.00	0.28	0.33	0.04	0.01
34003023500	0.00	0.28	0.33	0.04	0.01
34003030100	0.00	0.23	0.27	0.03	0.01
34003054500	0.00	0.44	0.49	0.07	0.01
34003023401	0.00	0.29	0.34	0.04	0.01
34003030300	0.00	0.23	0.28	0.03	0.01
34003030200	0.00	0.23	0.27	0.03	0.01
34003023402	0.00	0.21	0.25	0.03	0.01
34003021400	0.00	0.28	0.33	0.04	0.01
34003004000	0.00	0.37	0.43	0.06	0.01
34003054600	0.00	0.33	0.38	0.05	0.01
34003021300	0.00	0.26	0.32	0.04	0.01
34003023600	0.00	0.27	0.32	0.04	0.01
34003030400	0.00	0.26	0.31	0.04	0.01
34031175200	0.00	0.21	0.26	0.03	0.00
34003028001	0.00	0.40	0.46	0.06	0.01
34003025100	0.00	0.29	0.35	0.04	0.01
34003021500	0.00	0.24	0.29	0.04	0.00
34003021600	0.00	0.22	0.28	0.03	0.00
34003036100	0.00	0.21	0.26	0.03	0.00

Table C.240: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.23	0.28	0.03	0.00
34003046200	0.00	0.30	0.35	0.04	0.01
34003060000	0.00	0.21	0.23	0.03	0.00
34003046100	0.00	0.30	0.35	0.05	0.01
34031175900	0.00	0.19	0.22	0.03	0.00
34003057101	0.00	0.26	0.31	0.04	0.00
34003046300	0.00	0.25	0.30	0.04	0.01
34003057200	0.00	0.22	0.25	0.04	0.00
34003029100	0.00	0.31	0.37	0.05	0.01
34031175700	0.00	0.20	0.20	0.03	0.00
34003029200	0.00	0.31	0.39	0.05	0.01
34003041100	0.00	0.32	0.38	0.05	0.01
34003057102	0.00	0.14	0.15	0.02	0.00
34003012000	0.00	0.18	0.17	0.03	0.00
34003036200	0.00	0.28	0.31	0.04	0.00
34003005000	0.00	0.18	0.18	0.03	0.00
34003041300	0.00	0.33	0.39	0.05	0.01
34003045200	0.00	0.21	0.26	0.03	0.01
34003051100	0.00	0.22	0.20	0.04	0.01
34003045100	0.00	0.21	0.25	0.03	0.00
34003051300	0.00	0.17	0.15	0.03	0.01
34003051200	0.00	0.23	0.21	0.04	0.01
34003018200	0.00	0.43	0.42	0.07	0.01
34003051400	0.00	0.25	0.24	0.04	0.01
34017014600	0.00	0.54	0.50	0.10	0.03
34017019500	0.00	0.53	0.49	0.09	0.02

Table C.241: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.02	0.03
34003023100	0.00	0.00	0.03	0.05
34003023300	0.00	0.00	0.03	0.04
34003023200	0.00	0.00	0.03	0.04
34003033200	0.00	0.00	0.03	0.04
34003033300	0.00	0.00	0.03	0.04
34003054400	0.00	0.00	0.03	0.05
34003052200	0.00	0.00	0.03	0.04
34003023500	0.00	0.00	0.03	0.04
34003030100	0.00	0.00	0.02	0.03
34003054500	0.00	0.00	0.03	0.05
34003023401	0.00	0.00	0.03	0.04
34003030300	0.00	0.00	0.02	0.04
34003030200	0.00	0.00	0.02	0.04
34003023402	0.00	0.00	0.02	0.03
34003021400	0.00	0.00	0.03	0.04
34003004000	0.00	0.00	0.03	0.05
34003054600	0.00	0.00	0.02	0.04
34003021300	0.00	0.00	0.03	0.04
34003023600	0.00	0.00	0.02	0.04
34003030400	0.00	0.00	0.03	0.04
34031175200	0.00	0.00	0.03	0.04
34003028001	0.00	0.00	0.03	0.04
34003025100	0.00	0.00	0.03	0.05
34003021500	0.00	0.00	0.03	0.04
34003021600	0.00	0.00	0.03	0.04
34003036100	0.00	0.00	0.02	0.03

Table C.242: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.02	0.04
34003046200	0.00	0.00	0.02	0.04
34003060000	0.00	0.00	0.02	0.03
34003046100	0.00	0.00	0.02	0.04
34031175900	0.00	0.00	0.02	0.03
34003057101	0.00	0.00	0.03	0.05
34003046300	0.00	0.00	0.02	0.03
34003057200	0.00	0.00	0.02	0.04
34003029100	0.00	0.00	0.03	0.05
34031175700	0.00	0.00	0.02	0.03
34003029200	0.00	0.00	0.03	0.05
34003041100	0.00	0.00	0.03	0.04
34003057102	0.00	0.00	0.01	0.02
34003012000	0.00	0.00	0.02	0.03
34003036200	0.00	0.00	0.03	0.04
34003005000	0.00	0.00	0.02	0.03
34003041300	0.00	0.00	0.02	0.04
34003045200	0.00	0.00	0.02	0.03
34003051100	0.00	0.00	0.02	0.03
34003045100	0.00	0.00	0.02	0.02
34003051300	0.00	0.00	0.02	0.02
34003051200	0.00	0.00	0.02	0.03
34003018200	0.00	0.00	0.03	0.05
34003051400	0.00	0.00	0.02	0.03
34017014600	0.00	0.00	0.03	0.04
34017019500	0.00	0.00	0.03	0.05

Table C.243: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.11	0.02	0.01
34003023100	0.00	0.13	0.02	0.02
34003023300	0.00	0.13	0.02	0.02
34003023200	0.00	0.12	0.02	0.01
34003033200	0.00	0.12	0.02	0.01
34003033300	0.00	0.13	0.02	0.02
34003054400	0.00	0.15	0.02	0.02
34003052200	0.00	0.13	0.02	0.02
34003023500	0.00	0.11	0.02	0.01
34003030100	0.00	0.11	0.02	0.01
34003054500	0.00	0.15	0.02	0.02
34003023401	0.00	0.12	0.02	0.01
34003030300	0.00	0.11	0.02	0.01
34003030200	0.00	0.11	0.02	0.01
34003023402	0.00	0.09	0.01	0.01
34003021400	0.00	0.13	0.02	0.02
34003004000	0.00	0.14	0.02	0.02
34003054600	0.00	0.13	0.02	0.01
34003021300	0.00	0.13	0.02	0.02
34003023600	0.00	0.11	0.02	0.01
34003030400	0.00	0.12	0.02	0.02
34031175200	0.00	0.11	0.02	0.01
34003028001	0.00	0.14	0.02	0.02
34003025100	0.00	0.14	0.02	0.02
34003021500	0.00	0.12	0.02	0.02
34003021600	0.00	0.12	0.02	0.01
34003036100	0.00	0.10	0.02	0.01

Table C.244: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.11	0.02	0.01
34003046200	0.00	0.12	0.02	0.01
34003060000	0.00	0.11	0.02	0.01
34003046100	0.00	0.13	0.02	0.02
34031175900	0.00	0.10	0.02	0.01
34003057101	0.00	0.13	0.02	0.02
34003046300	0.00	0.11	0.02	0.01
34003057200	0.00	0.12	0.02	0.01
34003029100	0.00	0.14	0.02	0.02
34031175700	0.00	0.10	0.02	0.01
34003029200	0.00	0.15	0.02	0.02
34003041100	0.00	0.12	0.02	0.01
34003057102	0.00	0.08	0.01	0.01
34003012000	0.00	0.09	0.01	0.01
34003036200	0.00	0.13	0.02	0.02
34003005000	0.00	0.09	0.01	0.01
34003041300	0.00	0.12	0.02	0.01
34003045200	0.00	0.09	0.01	0.01
34003051100	0.00	0.11	0.02	0.01
34003045100	0.00	0.08	0.01	0.01
34003051300	0.00	0.08	0.01	0.01
34003051200	0.00	0.10	0.02	0.01
34003018200	0.00	0.15	0.02	0.02
34003051400	0.00	0.11	0.02	0.01
34017014600	0.00	0.14	0.02	0.02
34017019500	0.00	0.17	0.03	0.02

Table C.245: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.66	0.02	0.02
34003023100	0.00	0.86	0.03	0.02
34003023300	0.00	0.86	0.03	0.02
34003023200	0.00	0.84	0.02	0.02
34003033200	0.00	0.74	0.02	0.02
34003033300	0.00	0.85	0.03	0.02
34003054400	0.00	1.01	0.03	0.03
34003052200	0.00	0.79	0.02	0.02
34003023500	0.00	0.82	0.02	0.02
34003030100	0.00	0.67	0.02	0.02
34003054500	0.00	1.06	0.03	0.03
34003023401	0.00	0.83	0.02	0.02
34003030300	0.00	0.81	0.02	0.02
34003030200	0.00	0.81	0.02	0.02
34003023402	0.00	0.61	0.02	0.02
34003021400	0.00	0.92	0.03	0.03
34003004000	0.00	1.00	0.03	0.03
34003054600	0.00	0.84	0.02	0.02
34003021300	0.00	0.91	0.03	0.02
34003023600	0.00	0.76	0.02	0.02
34003030400	0.00	0.89	0.03	0.02
34031175200	0.00	0.88	0.03	0.02
34003028001	0.00	0.98	0.03	0.02
34003025100	0.00	0.94	0.03	0.03
34003021500	0.00	0.90	0.03	0.02
34003021600	0.00	0.88	0.03	0.02
34003036100	0.00	0.65	0.02	0.02

Table C.246: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.81	0.02	0.02
34003046200	0.00	0.83	0.02	0.02
34003060000	0.00	0.73	0.02	0.02
34003046100	0.00	0.86	0.02	0.02
34031175900	0.00	0.75	0.02	0.02
34003057101	0.00	0.97	0.03	0.03
34003046300	0.00	0.78	0.02	0.02
34003057200	0.00	0.84	0.02	0.02
34003029100	0.00	0.95	0.03	0.03
34031175700	0.00	0.70	0.02	0.02
34003029200	0.00	1.02	0.03	0.03
34003041100	0.00	0.94	0.03	0.02
34003057102	0.00	0.54	0.02	0.01
34003012000	0.00	0.61	0.02	0.02
34003036200	0.00	0.83	0.02	0.02
34003005000	0.00	0.62	0.02	0.02
34003041300	0.00	0.96	0.03	0.02
34003045200	0.00	0.68	0.02	0.02
34003051100	0.00	0.76	0.02	0.02
34003045100	0.00	0.65	0.02	0.02
34003051300	0.00	0.59	0.02	0.02
34003051200	0.00	0.73	0.02	0.02
34003018200	0.00	1.19	0.03	0.03
34003051400	0.00	0.75	0.02	0.02
34017014600	0.00	1.19	0.03	0.03
34017019500	0.00	1.29	0.03	0.03

Table C.247: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.08	0.01	0.01
34003023100	0.00	0.12	0.01	0.02
34003023300	0.00	0.14	0.01	0.02
34003023200	0.00	0.12	0.01	0.01
34003033200	0.00	0.10	0.01	0.01
34003033300	0.00	0.13	0.01	0.02
34003054400	0.00	0.18	0.02	0.02
34003052200	0.00	0.11	0.01	0.01
34003023500	0.00	0.11	0.01	0.01
34003030100	0.00	0.07	0.01	0.01
34003054500	0.00	0.17	0.02	0.02
34003023401	0.00	0.12	0.01	0.02
34003030300	0.00	0.11	0.01	0.01
34003030200	0.00	0.11	0.01	0.01
34003023402	0.00	0.06	0.01	0.01
34003021400	0.00	0.15	0.01	0.02
34003004000	0.00	0.14	0.01	0.02
34003054600	0.00	0.09	0.01	0.01
34003021300	0.00	0.14	0.01	0.02
34003023600	0.00	0.09	0.01	0.01
34003030400	0.00	0.13	0.01	0.02
34031175200	0.00	0.12	0.01	0.01
34003028001	0.00	0.11	0.01	0.01
34003025100	0.00	0.14	0.01	0.02
34003021500	0.00	0.13	0.01	0.02
34003021600	0.00	0.13	0.01	0.02
34003036100	0.00	0.07	0.01	0.01

Table C.248: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.11	0.01	0.01
34003046200	0.00	0.09	0.01	0.01
34003060000	0.00	0.08	0.01	0.01
34003046100	0.00	0.09	0.01	0.01
34031175900	0.00	0.09	0.01	0.01
34003057101	0.00	0.15	0.01	0.02
34003046300	0.00	0.08	0.01	0.01
34003057200	0.00	0.10	0.01	0.01
34003029100	0.00	0.14	0.01	0.02
34031175700	0.00	0.07	0.01	0.01
34003029200	0.00	0.15	0.01	0.02
34003041100	0.00	0.10	0.01	0.01
34003057102	0.00	0.05	0.00	0.01
34003012000	0.00	0.06	0.01	0.01
34003036200	0.00	0.12	0.01	0.02
34003005000	0.00	0.06	0.01	0.01
34003041300	0.00	0.10	0.01	0.01
34003045200	0.00	0.05	0.01	0.01
34003051100	0.00	0.08	0.01	0.01
34003045100	0.00	0.05	0.00	0.01
34003051300	0.00	0.05	0.01	0.01
34003051200	0.00	0.07	0.01	0.01
34003018200	0.00	0.13	0.01	0.02
34003051400	0.00	0.08	0.01	0.01
34017014600	0.00	0.12	0.01	0.02
34017019500	0.00	0.18	0.02	0.02

Table C.249: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	2.00	0.02	0.02
34003023100	0.00	2.59	0.03	0.03
34003023300	0.00	2.65	0.03	0.03
34003023200	0.00	2.49	0.02	0.03
34003033200	0.00	2.25	0.02	0.02
34003033300	0.00	2.64	0.03	0.03
34003054400	0.00	3.16	0.03	0.03
34003052200	0.00	2.50	0.02	0.03
34003023500	0.00	2.37	0.02	0.02
34003030100	0.00	2.06	0.02	0.02
34003054500	0.00	3.28	0.03	0.03
34003023401	0.00	2.48	0.02	0.03
34003030300	0.00	2.35	0.02	0.02
34003030200	0.00	2.34	0.02	0.02
34003023402	0.00	1.81	0.02	0.02
34003021400	0.00	2.83	0.03	0.03
34003004000	0.00	3.01	0.03	0.03
34003054600	0.00	2.54	0.02	0.02
34003021300	0.00	2.81	0.03	0.03
34003023600	0.00	2.29	0.02	0.02
34003030400	0.00	2.69	0.03	0.03
34031175200	0.00	2.53	0.02	0.03
34003028001	0.00	2.93	0.03	0.03
34003025100	0.00	2.96	0.03	0.03
34003021500	0.00	2.70	0.03	0.03
34003021600	0.00	2.60	0.03	0.03
34003036100	0.00	1.96	0.02	0.02

Table C.250: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	2.41	0.02	0.02
34003046200	0.00	2.52	0.02	0.02
34003060000	0.00	2.15	0.02	0.02
34003046100	0.00	2.59	0.02	0.02
34031175900	0.00	2.10	0.02	0.02
34003057101	0.00	2.96	0.03	0.03
34003046300	0.00	2.29	0.02	0.02
34003057200	0.00	2.52	0.02	0.03
34003029100	0.00	2.93	0.03	0.03
34031175700	0.00	2.09	0.02	0.02
34003029200	0.00	3.14	0.03	0.03
34003041100	0.00	2.68	0.02	0.02
34003057102	0.00	1.52	0.01	0.02
34003012000	0.00	1.78	0.02	0.02
34003036200	0.00	2.66	0.03	0.03
34003005000	0.00	1.83	0.02	0.02
34003041300	0.00	2.70	0.02	0.02
34003045200	0.00	1.92	0.02	0.02
34003051100	0.00	2.25	0.02	0.02
34003045100	0.00	1.73	0.02	0.02
34003051300	0.00	1.68	0.02	0.02
34003051200	0.00	2.18	0.02	0.02
34003018200	0.00	3.30	0.03	0.03
34003051400	0.00	2.23	0.02	0.02
34017014600	0.00	3.30	0.03	0.03
34017019500	0.00	3.96	0.03	0.04

Table C.251: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.02	0.02
34003023100	0.00	0.00	0.02	0.03
34003023300	0.00	0.00	0.02	0.03
34003023200	0.00	0.00	0.02	0.02
34003033200	0.00	0.00	0.02	0.02
34003033300	0.00	0.00	0.02	0.03
34003054400	0.00	0.00	0.03	0.03
34003052200	0.00	0.00	0.02	0.02
34003023500	0.00	0.00	0.02	0.02
34003030100	0.00	0.00	0.02	0.02
34003054500	0.00	0.00	0.03	0.03
34003023401	0.00	0.00	0.02	0.02
34003030300	0.00	0.00	0.02	0.02
34003030200	0.00	0.00	0.02	0.02
34003023402	0.00	0.00	0.02	0.02
34003021400	0.00	0.00	0.02	0.03
34003004000	0.00	0.00	0.03	0.03
34003054600	0.00	0.00	0.02	0.02
34003021300	0.00	0.00	0.02	0.03
34003023600	0.00	0.00	0.02	0.02
34003030400	0.00	0.00	0.02	0.03
34031175200	0.00	0.00	0.02	0.02
34003028001	0.00	0.00	0.02	0.03
34003025100	0.00	0.00	0.03	0.03
34003021500	0.00	0.00	0.02	0.03
34003021600	0.00	0.00	0.02	0.02
34003036100	0.00	0.00	0.02	0.02

Table C.252: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.02	0.02
34003046200	0.00	0.00	0.02	0.02
34003060000	0.00	0.00	0.02	0.02
34003046100	0.00	0.00	0.02	0.02
34031175900	0.00	0.00	0.02	0.02
34003057101	0.00	0.00	0.02	0.03
34003046300	0.00	0.00	0.02	0.02
34003057200	0.00	0.00	0.02	0.02
34003029100	0.00	0.00	0.03	0.03
34031175700	0.00	0.00	0.02	0.02
34003029200	0.00	0.00	0.03	0.03
34003041100	0.00	0.00	0.02	0.02
34003057102	0.00	0.00	0.01	0.02
34003012000	0.00	0.00	0.02	0.02
34003036200	0.00	0.00	0.03	0.03
34003005000	0.00	0.00	0.02	0.02
34003041300	0.00	0.00	0.02	0.02
34003045200	0.00	0.00	0.02	0.02
34003051100	0.00	0.00	0.02	0.02
34003045100	0.00	0.00	0.02	0.02
34003051300	0.00	0.00	0.01	0.02
34003051200	0.00	0.00	0.02	0.02
34003018200	0.00	0.00	0.03	0.03
34003051400	0.00	0.00	0.02	0.02
34017014600	0.00	0.00	0.03	0.03
34017019500	0.00	0.00	0.03	0.03

Table C.253: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.02	0.04
34003023100	0.00	0.00	0.03	0.06
34003023300	0.00	0.00	0.03	0.06
34003023200	0.00	0.00	0.03	0.06
34003033200	0.00	0.00	0.02	0.05
34003033300	0.00	0.00	0.03	0.06
34003054400	0.00	0.00	0.04	0.08
34003052200	0.00	0.00	0.03	0.06
34003023500	0.00	0.00	0.03	0.05
34003030100	0.00	0.00	0.02	0.05
34003054500	0.00	0.00	0.04	0.08
34003023401	0.00	0.00	0.03	0.06
34003030300	0.00	0.00	0.03	0.05
34003030200	0.00	0.00	0.03	0.05
34003023402	0.00	0.00	0.02	0.04
34003021400	0.00	0.00	0.03	0.07
34003004000	0.00	0.00	0.03	0.07
34003054600	0.00	0.00	0.03	0.06
34003021300	0.00	0.00	0.03	0.07
34003023600	0.00	0.00	0.02	0.05
34003030400	0.00	0.00	0.03	0.06
34031175200	0.00	0.00	0.03	0.06
34003028001	0.00	0.00	0.03	0.07
34003025100	0.00	0.00	0.03	0.07
34003021500	0.00	0.00	0.03	0.06
34003021600	0.00	0.00	0.03	0.06
34003036100	0.00	0.00	0.02	0.04

Table C.254: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.03	0.05
34003046200	0.00	0.00	0.03	0.06
34003060000	0.00	0.00	0.02	0.05
34003046100	0.00	0.00	0.03	0.06
34031175900	0.00	0.00	0.02	0.05
34003057101	0.00	0.00	0.03	0.07
34003046300	0.00	0.00	0.02	0.05
34003057200	0.00	0.00	0.03	0.06
34003029100	0.00	0.00	0.03	0.07
34031175700	0.00	0.00	0.02	0.05
34003029200	0.00	0.00	0.03	0.07
34003041100	0.00	0.00	0.03	0.06
34003057102	0.00	0.00	0.02	0.03
34003012000	0.00	0.00	0.02	0.04
34003036200	0.00	0.00	0.03	0.06
34003005000	0.00	0.00	0.02	0.04
34003041300	0.00	0.00	0.03	0.06
34003045200	0.00	0.00	0.02	0.04
34003051100	0.00	0.00	0.02	0.05
34003045100	0.00	0.00	0.02	0.04
34003051300	0.00	0.00	0.02	0.03
34003051200	0.00	0.00	0.02	0.05
34003018200	0.00	0.00	0.04	0.08
34003051400	0.00	0.00	0.02	0.05
34017014600	0.00	0.00	0.03	0.07
34017019500	0.00	0.00	0.04	0.08

Table C.255: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	3.26	0.01	0.00
34003023100	0.00	3.66	0.01	0.00
34003023300	0.00	3.13	0.01	0.00
34003023200	0.00	2.75	0.01	0.00
34003033200	0.00	3.35	0.01	0.00
34003033300	0.00	3.30	0.01	0.00
34003054400	0.00	3.59	0.01	0.00
34003052200	0.00	3.68	0.01	0.00
34003023500	0.00	2.58	0.01	0.00
34003030100	0.00	3.24	0.01	0.00
34003054500	0.00	3.90	0.01	0.00
34003023401	0.00	2.66	0.01	0.00
34003030300	0.00	2.50	0.01	0.00
34003030200	0.00	2.46	0.01	0.00
34003023402	0.00	2.65	0.01	0.00
34003021400	0.00	3.17	0.01	0.00
34003004000	0.00	3.60	0.01	0.00
34003054600	0.00	3.59	0.01	0.00
34003021300	0.00	3.10	0.01	0.00
34003023600	0.00	2.99	0.01	0.00
34003030400	0.00	2.97	0.01	0.00
34031175200	0.00	2.53	0.01	0.00
34003028001	0.00	3.89	0.01	0.00
34003025100	0.00	3.92	0.01	0.00
34003021500	0.00	3.11	0.01	0.00
34003021600	0.00	2.69	0.01	0.00
34003036100	0.00	2.95	0.01	0.00

Table C.256: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	3.03	0.01	0.00
34003046200	0.00	3.24	0.01	0.00
34003060000	0.00	3.32	0.01	0.00
34003046100	0.00	3.80	0.01	0.00
34031175900	0.00	2.62	0.01	0.00
34003057101	0.00	3.49	0.01	0.00
34003046300	0.00	3.11	0.01	0.00
34003057200	0.00	3.03	0.01	0.00
34003029100	0.00	3.35	0.01	0.00
34031175700	0.00	2.79	0.01	0.00
34003029200	0.00	4.10	0.01	0.00
34003041100	0.00	3.50	0.01	0.00
34003057102	0.00	2.52	0.01	0.00
34003012000	0.00	3.28	0.01	0.00
34003036200	0.00	3.22	0.01	0.00
34003005000	0.00	3.40	0.01	0.00
34003041300	0.00	3.17	0.01	0.00
34003045200	0.00	3.42	0.01	0.00
34003051100	0.00	3.39	0.01	0.00
34003045100	0.00	2.91	0.01	0.00
34003051300	0.00	2.79	0.01	0.00
34003051200	0.00	3.45	0.01	0.00
34003018200	0.00	4.08	0.01	0.00
34003051400	0.00	3.78	0.01	0.00
34017014600	0.00	4.99	0.01	0.00
34017019500	0.00	5.78	0.02	0.01

Table C.257: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.02	0.04
34003023100	0.00	0.00	0.02	0.05
34003023300	0.00	0.00	0.02	0.05
34003023200	0.00	0.00	0.02	0.05
34003033200	0.00	0.00	0.02	0.05
34003033300	0.00	0.00	0.02	0.05
34003054400	0.00	0.00	0.03	0.07
34003052200	0.00	0.00	0.02	0.05
34003023500	0.00	0.00	0.02	0.05
34003030100	0.00	0.00	0.02	0.04
34003054500	0.00	0.00	0.03	0.07
34003023401	0.00	0.00	0.02	0.05
34003030300	0.00	0.00	0.02	0.05
34003030200	0.00	0.00	0.02	0.04
34003023402	0.00	0.00	0.02	0.04
34003021400	0.00	0.00	0.02	0.06
34003004000	0.00	0.00	0.03	0.06
34003054600	0.00	0.00	0.02	0.05
34003021300	0.00	0.00	0.02	0.05
34003023600	0.00	0.00	0.02	0.05
34003030400	0.00	0.00	0.02	0.05
34031175200	0.00	0.00	0.02	0.05
34003028001	0.00	0.00	0.02	0.06
34003025100	0.00	0.00	0.03	0.06
34003021500	0.00	0.00	0.02	0.05
34003021600	0.00	0.00	0.02	0.05
34003036100	0.00	0.00	0.02	0.04

Table C.258: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.02	0.05
34003046200	0.00	0.00	0.02	0.05
34003060000	0.00	0.00	0.02	0.04
34003046100	0.00	0.00	0.02	0.05
34031175900	0.00	0.00	0.02	0.04
34003057101	0.00	0.00	0.02	0.06
34003046300	0.00	0.00	0.02	0.04
34003057200	0.00	0.00	0.02	0.05
34003029100	0.00	0.00	0.02	0.06
34031175700	0.00	0.00	0.02	0.04
34003029200	0.00	0.00	0.03	0.06
34003041100	0.00	0.00	0.02	0.05
34003057102	0.00	0.00	0.01	0.03
34003012000	0.00	0.00	0.01	0.03
34003036200	0.00	0.00	0.02	0.05
34003005000	0.00	0.00	0.01	0.04
34003041300	0.00	0.00	0.02	0.05
34003045200	0.00	0.00	0.01	0.03
34003051100	0.00	0.00	0.02	0.05
34003045100	0.00	0.00	0.01	0.03
34003051300	0.00	0.00	0.01	0.03
34003051200	0.00	0.00	0.02	0.04
34003018200	0.00	0.00	0.03	0.06
34003051400	0.00	0.00	0.02	0.04
34017014600	0.00	0.00	0.03	0.06
34017019500	0.00	0.00	0.03	0.07

Table C.259: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.12	0.01	0.00
34003023100	0.00	0.24	0.02	0.01
34003023300	0.00	0.22	0.02	0.01
34003023200	0.00	0.20	0.02	0.01
34003033200	0.00	0.17	0.01	0.01
34003033300	0.00	0.22	0.02	0.01
34003054400	0.00	0.29	0.02	0.01
34003052200	0.00	0.18	0.01	0.01
34003023500	0.00	0.19	0.02	0.01
34003030100	0.00	0.10	0.01	0.00
34003054500	0.00	0.29	0.02	0.01
34003023401	0.00	0.19	0.01	0.01
34003030300	0.00	0.18	0.01	0.01
34003030200	0.00	0.18	0.01	0.01
34003023402	0.00	0.09	0.01	0.00
34003021400	0.00	0.24	0.02	0.01
34003004000	0.00	0.23	0.02	0.01
34003054600	0.00	0.13	0.01	0.00
34003021300	0.00	0.23	0.02	0.01
34003023600	0.00	0.15	0.01	0.01
34003030400	0.00	0.21	0.02	0.01
34031175200	0.00	0.20	0.01	0.01
34003028001	0.00	0.17	0.01	0.01
34003025100	0.00	0.23	0.02	0.01
34003021500	0.00	0.24	0.02	0.01
34003021600	0.00	0.21	0.02	0.01
34003036100	0.00	0.12	0.01	0.00

Table C.260: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.18	0.01	0.01
34003046200	0.00	0.13	0.01	0.00
34003060000	0.00	0.13	0.01	0.00
34003046100	0.00	0.13	0.01	0.00
34031175900	0.00	0.14	0.01	0.00
34003057101	0.00	0.25	0.02	0.01
34003046300	0.00	0.12	0.01	0.00
34003057200	0.00	0.17	0.01	0.00
34003029100	0.00	0.24	0.02	0.01
34031175700	0.00	0.12	0.01	0.00
34003029200	0.00	0.27	0.02	0.01
34003041100	0.00	0.18	0.01	0.01
34003057102	0.00	0.08	0.01	0.00
34003012000	0.00	0.09	0.01	0.00
34003036200	0.00	0.26	0.02	0.01
34003005000	0.00	0.09	0.01	0.00
34003041300	0.00	0.17	0.01	0.01
34003045200	0.00	0.09	0.01	0.00
34003051100	0.00	0.13	0.01	0.00
34003045100	0.00	0.08	0.01	0.00
34003051300	0.00	0.09	0.01	0.00
34003051200	0.00	0.12	0.01	0.00
34003018200	0.00	0.26	0.02	0.01
34003051400	0.00	0.12	0.01	0.00
34017014600	0.00	0.21	0.01	0.01
34017019500	0.00	0.32	0.02	0.01

Table C.261: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	1.29	0.02	0.01
34003023100	0.00	1.71	0.03	0.02
34003023300	0.00	1.68	0.03	0.02
34003023200	0.00	1.58	0.03	0.02
34003033200	0.00	1.47	0.02	0.02
34003033300	0.00	1.67	0.03	0.02
34003054400	0.00	2.01	0.03	0.02
34003052200	0.00	1.59	0.03	0.02
34003023500	0.00	1.50	0.02	0.02
34003030100	0.00	1.29	0.02	0.01
34003054500	0.00	2.10	0.03	0.02
34003023401	0.00	1.54	0.02	0.02
34003030300	0.00	1.43	0.02	0.02
34003030200	0.00	1.43	0.02	0.02
34003023402	0.00	1.13	0.02	0.01
34003021400	0.00	1.73	0.03	0.02
34003004000	0.00	1.91	0.03	0.02
34003054600	0.00	1.59	0.02	0.02
34003021300	0.00	1.70	0.03	0.02
34003023600	0.00	1.46	0.02	0.02
34003030400	0.00	1.63	0.03	0.02
34031175200	0.00	1.51	0.02	0.02
34003028001	0.00	1.84	0.03	0.02
34003025100	0.00	1.84	0.03	0.02
34003021500	0.00	1.66	0.03	0.02
34003021600	0.00	1.57	0.03	0.02
34003036100	0.00	1.27	0.02	0.01

Table C.262: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.50	0.02	0.02
34003046200	0.00	1.55	0.02	0.02
34003060000	0.00	1.37	0.02	0.01
34003046100	0.00	1.61	0.02	0.02
34031175900	0.00	1.31	0.02	0.01
34003057101	0.00	1.82	0.03	0.02
34003046300	0.00	1.42	0.02	0.01
34003057200	0.00	1.53	0.02	0.02
34003029100	0.00	1.81	0.03	0.02
34031175700	0.00	1.24	0.02	0.01
34003029200	0.00	1.99	0.03	0.02
34003041100	0.00	1.70	0.02	0.02
34003057102	0.00	0.96	0.02	0.01
34003012000	0.00	1.12	0.02	0.01
34003036200	0.00	1.66	0.03	0.02
34003005000	0.00	1.15	0.02	0.01
34003041300	0.00	1.67	0.02	0.02
34003045200	0.00	1.23	0.02	0.01
34003051100	0.00	1.38	0.02	0.01
34003045100	0.00	1.14	0.02	0.01
34003051300	0.00	1.05	0.02	0.01
34003051200	0.00	1.33	0.02	0.01
34003018200	0.00	2.10	0.03	0.02
34003051400	0.00	1.38	0.02	0.01
34017014600	0.00	2.11	0.03	0.02
34017019500	0.00	2.42	0.04	0.02

Table C.263: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	2.56	0.02	0.02
34003023100	0.00	3.15	0.02	0.02
34003023300	0.00	3.37	0.02	0.03
34003023200	0.00	3.13	0.02	0.02
34003033200	0.00	2.84	0.02	0.02
34003033300	0.00	3.37	0.02	0.03
34003054400	0.00	3.91	0.03	0.03
34003052200	0.00	3.21	0.02	0.02
34003023500	0.00	2.97	0.02	0.02
34003030100	0.00	2.68	0.02	0.02
34003054500	0.00	4.06	0.03	0.03
34003023401	0.00	3.16	0.02	0.02
34003030300	0.00	2.92	0.02	0.02
34003030200	0.00	2.90	0.02	0.02
34003023402	0.00	2.36	0.02	0.02
34003021400	0.00	3.59	0.02	0.03
34003004000	0.00	3.76	0.02	0.03
34003054600	0.00	3.20	0.02	0.02
34003021300	0.00	3.55	0.02	0.03
34003023600	0.00	2.93	0.02	0.02
34003030400	0.00	3.40	0.02	0.03
34031175200	0.00	3.11	0.02	0.02
34003028001	0.00	3.60	0.02	0.03
34003025100	0.00	3.76	0.02	0.03
34003021500	0.00	3.34	0.02	0.03
34003021600	0.00	3.23	0.02	0.02
34003036100	0.00	2.54	0.02	0.02

Table C.264: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	3.10	0.02	0.02
34003046200	0.00	3.17	0.02	0.02
34003060000	0.00	2.83	0.02	0.02
34003046100	0.00	3.27	0.02	0.02
34031175900	0.00	2.72	0.02	0.02
34003057101	0.00	3.77	0.02	0.03
34003046300	0.00	2.89	0.02	0.02
34003057200	0.00	3.20	0.02	0.02
34003029100	0.00	3.61	0.02	0.03
34031175700	0.00	2.73	0.02	0.02
34003029200	0.00	3.97	0.02	0.03
34003041100	0.00	3.31	0.02	0.02
34003057102	0.00	2.01	0.01	0.02
34003012000	0.00	2.36	0.02	0.02
34003036200	0.00	3.39	0.02	0.03
34003005000	0.00	2.43	0.02	0.02
34003041300	0.00	3.31	0.02	0.02
34003045200	0.00	2.46	0.01	0.02
34003051100	0.00	2.93	0.02	0.02
34003045100	0.00	2.27	0.01	0.02
34003051300	0.00	2.22	0.01	0.02
34003051200	0.00	2.86	0.02	0.02
34003018200	0.00	4.03	0.02	0.03
34003051400	0.00	2.92	0.02	0.02
34017014600	0.00	4.24	0.02	0.03
34017019500	0.00	5.09	0.03	0.04

Table C.265: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.06	0.60	0.30
34003023100	0.00	0.08	0.73	0.37
34003023300	0.00	0.08	0.76	0.38
34003023200	0.00	0.08	0.75	0.38
34003033200	0.00	0.07	0.68	0.34
34003033300	0.00	0.07	0.68	0.34
34003054400	0.00	0.09	0.86	0.44
34003052200	0.00	0.07	0.61	0.30
34003023500	0.00	0.06	0.57	0.29
34003030100	0.00	0.04	0.41	0.21
34003054500	0.00	0.09	0.81	0.41
34003023401	0.00	0.06	0.57	0.28
34003030300	0.00	0.05	0.45	0.22
34003030200	0.00	0.05	0.45	0.22
34003023402	0.00	0.04	0.36	0.18
34003021400	0.00	0.06	0.55	0.27
34003004000	0.00	0.07	0.62	0.32
34003054600	0.00	0.05	0.49	0.25
34003021300	0.00	0.06	0.53	0.26
34003023600	0.00	0.05	0.45	0.23
34003030400	0.00	0.05	0.47	0.23
34031175200	0.00	0.04	0.41	0.20
34003028001	0.00	0.05	0.50	0.25
34003025100	0.00	0.05	0.48	0.24
34003021500	0.00	0.05	0.47	0.23
34003021600	0.00	0.05	0.44	0.21
34003036100	0.00	0.03	0.32	0.16

Table C.266: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.04	0.38	0.19
34003046200	0.00	0.04	0.41	0.21
34003060000	0.00	0.03	0.28	0.14
34003046100	0.00	0.04	0.37	0.18
34031175900	0.00	0.03	0.32	0.16
34003057101	0.00	0.05	0.43	0.21
34003046300	0.00	0.03	0.31	0.16
34003057200	0.00	0.04	0.34	0.17
34003029100	0.00	0.05	0.44	0.22
34031175700	0.00	0.03	0.27	0.13
34003029200	0.00	0.05	0.43	0.21
34003041100	0.00	0.04	0.37	0.18
34003057102	0.00	0.02	0.19	0.09
34003012000	0.00	0.02	0.19	0.09
34003036200	0.00	0.04	0.35	0.17
34003005000	0.00	0.02	0.20	0.10
34003041300	0.00	0.04	0.33	0.16
34003045200	0.00	0.02	0.20	0.10
34003051100	0.00	0.03	0.25	0.12
34003045100	0.00	0.02	0.17	0.09
34003051300	0.00	0.02	0.16	0.08
34003051200	0.00	0.02	0.21	0.10
34003018200	0.00	0.03	0.29	0.14
34003051400	0.00	0.02	0.18	0.09
34017014600	0.00	0.02	0.17	0.08
34017019500	0.00	0.03	0.24	0.12

Table C.267: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.43	0.44	0.15
34003023100	0.00	0.46	0.47	0.16
34003023300	0.00	0.48	0.50	0.17
34003023200	0.00	0.47	0.48	0.17
34003033200	0.00	0.46	0.47	0.16
34003033300	0.00	0.46	0.47	0.16
34003054400	0.00	0.53	0.54	0.19
34003052200	0.00	0.42	0.43	0.14
34003023500	0.00	0.36	0.36	0.13
34003030100	0.00	0.31	0.31	0.11
34003054500	0.00	0.50	0.51	0.18
34003023401	0.00	0.37	0.38	0.13
34003030300	0.00	0.29	0.30	0.10
34003030200	0.00	0.29	0.30	0.10
34003023402	0.00	0.26	0.27	0.09
34003021400	0.00	0.36	0.37	0.12
34003004000	0.00	0.39	0.40	0.14
34003054600	0.00	0.35	0.36	0.12
34003021300	0.00	0.35	0.35	0.12
34003023600	0.00	0.30	0.31	0.11
34003030400	0.00	0.31	0.31	0.10
34031175200	0.00	0.27	0.27	0.09
34003028001	0.00	0.35	0.35	0.12
34003025100	0.00	0.32	0.33	0.11
34003021500	0.00	0.30	0.31	0.10
34003021600	0.00	0.29	0.29	0.10
34003036100	0.00	0.23	0.23	0.08

Table C.268: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.26	0.26	0.09
34003046200	0.00	0.29	0.29	0.10
34003060000	0.00	0.20	0.20	0.07
34003046100	0.00	0.27	0.27	0.09
34031175900	0.00	0.21	0.22	0.07
34003057101	0.00	0.28	0.28	0.09
34003046300	0.00	0.23	0.23	0.08
34003057200	0.00	0.24	0.24	0.08
34003029100	0.00	0.29	0.29	0.10
34031175700	0.00	0.19	0.19	0.06
34003029200	0.00	0.28	0.28	0.10
34003041100	0.00	0.25	0.25	0.09
34003057102	0.00	0.15	0.15	0.05
34003012000	0.00	0.15	0.15	0.05
34003036200	0.00	0.23	0.23	0.08
34003005000	0.00	0.16	0.16	0.05
34003041300	0.00	0.22	0.22	0.08
34003045200	0.00	0.16	0.16	0.05
34003051100	0.00	0.18	0.18	0.06
34003045100	0.00	0.13	0.13	0.04
34003051300	0.00	0.12	0.12	0.04
34003051200	0.00	0.15	0.15	0.05
34003018200	0.00	0.19	0.19	0.06
34003051400	0.00	0.14	0.14	0.05
34017014600	0.00	0.12	0.12	0.04
34017019500	0.00	0.16	0.16	0.05

Table C.269: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.47	0.53	0.25
34003023100	0.01	0.53	0.61	0.30
34003023300	0.01	0.58	0.64	0.31
34003023200	0.01	0.58	0.66	0.32
34003033200	0.01	0.52	0.58	0.27
34003033300	0.01	0.53	0.59	0.28
34003054400	0.01	0.59	0.70	0.35
34003052200	0.01	0.48	0.54	0.25
34003023500	0.01	0.47	0.53	0.26
34003030100	0.01	0.35	0.39	0.19
34003054500	0.01	0.55	0.68	0.34
34003023401	0.01	0.48	0.54	0.26
34003030300	0.01	0.40	0.45	0.21
34003030200	0.01	0.41	0.45	0.21
34003023402	0.01	0.31	0.35	0.17
34003021400	0.01	0.46	0.52	0.24
34003004000	0.01	0.46	0.55	0.27
34003054600	0.01	0.36	0.45	0.23
34003021300	0.01	0.44	0.50	0.24
34003023600	0.01	0.36	0.41	0.20
34003030400	0.01	0.40	0.45	0.21
34031175200	0.01	0.37	0.42	0.20
34003028001	0.01	0.35	0.46	0.23
34003025100	0.01	0.39	0.43	0.21
34003021500	0.01	0.40	0.45	0.21
34003021600	0.01	0.39	0.44	0.21
34003036100	0.00	0.27	0.30	0.14

Table C.270: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.33	0.37	0.18
34003046200	0.01	0.33	0.39	0.19
34003060000	0.00	0.25	0.28	0.13
34003046100	0.01	0.29	0.35	0.17
34031175900	0.01	0.30	0.34	0.16
34003057101	0.01	0.37	0.41	0.19
34003046300	0.01	0.26	0.31	0.15
34003057200	0.01	0.31	0.35	0.17
34003029100	0.01	0.35	0.40	0.20
34031175700	0.00	0.24	0.27	0.13
34003029200	0.01	0.34	0.38	0.19
34003041100	0.01	0.29	0.36	0.18
34003057102	0.00	0.18	0.21	0.10
34003012000	0.00	0.18	0.20	0.10
34003036200	0.00	0.26	0.29	0.14
34003005000	0.00	0.19	0.21	0.10
34003041300	0.01	0.26	0.34	0.17
34003045200	0.00	0.17	0.21	0.10
34003051100	0.00	0.23	0.26	0.12
34003045100	0.00	0.15	0.19	0.09
34003051300	0.00	0.16	0.18	0.08
34003051200	0.00	0.19	0.22	0.10
34003018200	0.00	0.24	0.30	0.14
34003051400	0.00	0.17	0.19	0.09
34017014600	0.00	0.16	0.19	0.09
34017019500	0.00	0.22	0.25	0.12

Table C.271: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.49	0.18	0.15
34003023100	0.00	0.70	0.26	0.23
34003023300	0.00	0.81	0.30	0.26
34003023200	0.00	0.78	0.29	0.25
34003033200	0.00	0.63	0.23	0.20
34003033300	0.00	0.73	0.27	0.23
34003054400	0.00	1.00	0.37	0.32
34003052200	0.00	0.56	0.20	0.18
34003023500	0.00	0.55	0.20	0.18
34003030100	0.00	0.31	0.11	0.10
34003054500	0.00	0.89	0.33	0.29
34003023401	0.00	0.59	0.22	0.19
34003030300	0.00	0.43	0.16	0.13
34003030200	0.00	0.43	0.16	0.13
34003023402	0.00	0.26	0.09	0.08
34003021400	0.00	0.57	0.21	0.18
34003004000	0.00	0.61	0.22	0.20
34003054600	0.00	0.39	0.14	0.13
34003021300	0.00	0.54	0.19	0.17
34003023600	0.00	0.37	0.14	0.12
34003030400	0.00	0.47	0.17	0.15
34031175200	0.00	0.39	0.14	0.12
34003028001	0.00	0.41	0.15	0.13
34003025100	0.00	0.45	0.16	0.14
34003021500	0.00	0.44	0.16	0.14
34003021600	0.00	0.43	0.15	0.13
34003036100	0.00	0.23	0.08	0.07

Table C.272: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.34	0.12	0.11
34003046200	0.00	0.33	0.12	0.11
34003060000	0.00	0.20	0.07	0.06
34003046100	0.00	0.27	0.10	0.09
34031175900	0.00	0.25	0.09	0.08
34003057101	0.00	0.40	0.14	0.12
34003046300	0.00	0.23	0.08	0.07
34003057200	0.00	0.28	0.10	0.09
34003029100	0.00	0.42	0.15	0.13
34031175700	0.00	0.18	0.06	0.06
34003029200	0.00	0.40	0.14	0.13
34003041100	0.00	0.30	0.11	0.10
34003057102	0.00	0.12	0.04	0.04
34003012000	0.00	0.12	0.04	0.04
34003036200	0.00	0.28	0.10	0.09
34003005000	0.00	0.13	0.04	0.04
34003041300	0.00	0.26	0.09	0.08
34003045200	0.00	0.12	0.05	0.04
34003051100	0.00	0.17	0.06	0.05
34003045100	0.00	0.11	0.04	0.03
34003051300	0.00	0.10	0.03	0.03
34003051200	0.00	0.13	0.05	0.04
34003018200	0.00	0.23	0.08	0.07
34003051400	0.00	0.11	0.04	0.03
34017014600	0.00	0.12	0.04	0.04
34017019500	0.00	0.22	0.08	0.07

Table C.273: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.18	0.55	0.31
34003023100	0.01	0.21	0.63	0.37
34003023300	0.01	0.22	0.68	0.39
34003023200	0.01	0.22	0.67	0.39
34003033200	0.01	0.20	0.60	0.34
34003033300	0.01	0.21	0.63	0.36
34003054400	0.01	0.25	0.76	0.45
34003052200	0.01	0.19	0.57	0.32
34003023500	0.01	0.17	0.52	0.30
34003030100	0.01	0.14	0.41	0.23
34003054500	0.01	0.24	0.72	0.43
34003023401	0.01	0.18	0.54	0.31
34003030300	0.01	0.15	0.44	0.24
34003030200	0.01	0.15	0.44	0.25
34003023402	0.01	0.12	0.35	0.20
34003021400	0.01	0.18	0.54	0.30
34003004000	0.01	0.19	0.56	0.33
34003054600	0.01	0.16	0.47	0.28
34003021300	0.01	0.18	0.53	0.29
34003023600	0.01	0.14	0.42	0.24
34003030400	0.01	0.15	0.45	0.25
34031175200	0.01	0.14	0.41	0.23
34003028001	0.01	0.16	0.47	0.28
34003025100	0.01	0.15	0.45	0.26
34003021500	0.01	0.15	0.45	0.25
34003021600	0.01	0.15	0.44	0.25
34003036100	0.01	0.10	0.30	0.17

Table C.274: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.12	0.37	0.21
34003046200	0.01	0.13	0.40	0.23
34003060000	0.00	0.09	0.28	0.15
34003046100	0.01	0.12	0.36	0.21
34031175900	0.01	0.11	0.32	0.18
34003057101	0.01	0.14	0.42	0.23
34003046300	0.01	0.10	0.31	0.18
34003057200	0.01	0.12	0.35	0.20
34003029100	0.01	0.14	0.41	0.24
34031175700	0.00	0.09	0.27	0.15
34003029200	0.01	0.13	0.39	0.23
34003041100	0.01	0.12	0.35	0.20
34003057102	0.00	0.07	0.19	0.11
34003012000	0.00	0.07	0.20	0.11
34003036200	0.01	0.10	0.31	0.18
34003005000	0.00	0.07	0.21	0.12
34003041300	0.01	0.11	0.32	0.18
34003045200	0.00	0.07	0.20	0.12
34003051100	0.00	0.08	0.25	0.14
34003045100	0.00	0.06	0.17	0.10
34003051300	0.00	0.06	0.17	0.09
34003051200	0.00	0.07	0.21	0.12
34003018200	0.00	0.09	0.27	0.16
34003051400	0.00	0.06	0.19	0.10
34017014600	0.00	0.06	0.17	0.10
34017019500	0.00	0.08	0.25	0.14

Table C.275: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.02	0.10	0.50	0.20
34003023100	0.02	0.12	0.60	0.24
34003023300	0.02	0.12	0.61	0.25
34003023200	0.02	0.12	0.62	0.25
34003033200	0.02	0.11	0.56	0.22
34003033300	0.02	0.11	0.55	0.22
34003054400	0.02	0.13	0.67	0.28
34003052200	0.02	0.10	0.50	0.20
34003023500	0.01	0.10	0.49	0.20
34003030100	0.01	0.07	0.36	0.14
34003054500	0.02	0.13	0.64	0.26
34003023401	0.01	0.09	0.48	0.19
34003030300	0.01	0.08	0.39	0.15
34003030200	0.01	0.08	0.39	0.15
34003023402	0.01	0.06	0.32	0.13
34003021400	0.01	0.09	0.45	0.18
34003004000	0.02	0.10	0.51	0.21
34003054600	0.01	0.08	0.42	0.17
34003021300	0.01	0.09	0.43	0.17
34003023600	0.01	0.08	0.39	0.16
34003030400	0.01	0.08	0.39	0.15
34031175200	0.01	0.07	0.35	0.14
34003028001	0.01	0.09	0.42	0.17
34003025100	0.01	0.08	0.40	0.16
34003021500	0.01	0.08	0.39	0.15
34003021600	0.01	0.07	0.38	0.15
34003036100	0.01	0.06	0.29	0.12

Table C.276: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.07	0.33	0.13
34003046200	0.01	0.07	0.36	0.14
34003060000	0.01	0.05	0.25	0.10
34003046100	0.01	0.06	0.32	0.13
34031175900	0.01	0.06	0.29	0.11
34003057101	0.01	0.07	0.36	0.14
34003046300	0.01	0.06	0.28	0.11
34003057200	0.01	0.06	0.30	0.12
34003029100	0.01	0.07	0.38	0.15
34031175700	0.01	0.05	0.23	0.09
34003029200	0.01	0.07	0.36	0.14
34003041100	0.01	0.07	0.33	0.13
34003057102	0.01	0.04	0.18	0.07
34003012000	0.01	0.04	0.18	0.07
34003036200	0.01	0.06	0.30	0.12
34003005000	0.01	0.04	0.19	0.07
34003041300	0.01	0.06	0.29	0.12
34003045200	0.01	0.04	0.19	0.08
34003051100	0.01	0.04	0.22	0.08
34003045100	0.01	0.03	0.17	0.07
34003051300	0.01	0.03	0.15	0.06
34003051200	0.01	0.04	0.18	0.07
34003018200	0.01	0.05	0.25	0.10
34003051400	0.01	0.03	0.16	0.06
34017014600	0.01	0.03	0.15	0.06
34017019500	0.01	0.04	0.21	0.08

Table C.277: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.53	0.60
34003023100	0.00	0.01	0.62	0.73
34003023300	0.00	0.02	0.71	0.83
34003023200	0.00	0.02	0.70	0.84
34003033200	0.00	0.01	0.57	0.66
34003033300	0.00	0.01	0.65	0.75
34003054400	0.00	0.02	0.83	1.00
34003052200	0.00	0.01	0.58	0.66
34003023500	0.00	0.01	0.55	0.65
34003030100	0.00	0.01	0.42	0.48
34003054500	0.00	0.02	0.80	0.97
34003023401	0.00	0.01	0.60	0.70
34003030300	0.00	0.01	0.47	0.53
34003030200	0.00	0.01	0.47	0.54
34003023402	0.00	0.01	0.37	0.43
34003021400	0.00	0.01	0.58	0.66
34003004000	0.00	0.01	0.63	0.75
34003054600	0.00	0.01	0.52	0.63
34003021300	0.00	0.01	0.58	0.66
34003023600	0.00	0.01	0.43	0.50
34003030400	0.00	0.01	0.49	0.57
34031175200	0.00	0.01	0.46	0.53
34003028001	0.00	0.01	0.54	0.64
34003025100	0.00	0.01	0.48	0.56
34003021500	0.00	0.01	0.48	0.54
34003021600	0.00	0.01	0.48	0.55
34003036100	0.00	0.01	0.30	0.36

Table C.278: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.39	0.45
34003046200	0.00	0.01	0.44	0.53
34003060000	0.00	0.01	0.28	0.33
34003046100	0.00	0.01	0.40	0.47
34031175900	0.00	0.01	0.35	0.40
34003057101	0.00	0.01	0.46	0.52
34003046300	0.00	0.01	0.34	0.40
34003057200	0.00	0.01	0.39	0.44
34003029100	0.00	0.01	0.45	0.53
34031175700	0.00	0.01	0.31	0.35
34003029200	0.00	0.01	0.43	0.50
34003041100	0.00	0.01	0.39	0.47
34003057102	0.00	0.00	0.20	0.23
34003012000	0.00	0.00	0.20	0.23
34003036200	0.00	0.01	0.33	0.38
34003005000	0.00	0.00	0.21	0.25
34003041300	0.00	0.01	0.37	0.44
34003045200	0.00	0.00	0.22	0.26
34003051100	0.00	0.01	0.27	0.31
34003045100	0.00	0.00	0.19	0.22
34003051300	0.00	0.00	0.17	0.20
34003051200	0.00	0.01	0.23	0.26
34003018200	0.00	0.01	0.33	0.39
34003051400	0.00	0.00	0.20	0.23
34017014600	0.00	0.00	0.21	0.24
34017019500	0.00	0.01	0.28	0.33

Table C.279: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	3.69	0.27	0.05
34003023100	0.00	3.60	0.27	0.06
34003023300	0.00	3.28	0.25	0.05
34003023200	0.00	3.04	0.23	0.05
34003033200	0.00	3.65	0.27	0.05
34003033300	0.00	3.22	0.24	0.05
34003054400	0.00	3.46	0.26	0.06
34003052200	0.00	3.45	0.26	0.05
34003023500	0.00	2.31	0.17	0.04
34003030100	0.00	2.62	0.19	0.04
34003054500	0.00	3.39	0.26	0.05
34003023401	0.00	2.39	0.18	0.04
34003030300	0.00	1.89	0.14	0.03
34003030200	0.00	1.89	0.14	0.03
34003023402	0.00	2.11	0.16	0.03
34003021400	0.00	2.44	0.18	0.04
34003004000	0.00	2.70	0.21	0.04
34003054600	0.00	2.61	0.20	0.04
34003021300	0.00	2.34	0.18	0.03
34003023600	0.00	2.19	0.16	0.03
34003030400	0.00	2.04	0.15	0.03
34031175200	0.00	1.65	0.12	0.02
34003028001	0.00	2.41	0.19	0.04
34003025100	0.00	2.44	0.18	0.04
34003021500	0.00	2.11	0.16	0.03
34003021600	0.00	1.84	0.14	0.03
34003036100	0.00	1.83	0.14	0.03

Table C.280: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.87	0.14	0.03
34003046200	0.00	2.03	0.16	0.03
34003060000	0.00	1.71	0.13	0.02
34003046100	0.00	2.06	0.16	0.03
34031175900	0.00	1.60	0.12	0.02
34003057101	0.00	2.00	0.15	0.03
34003046300	0.00	1.66	0.13	0.03
34003057200	0.00	1.70	0.13	0.02
34003029100	0.00	1.89	0.14	0.03
34031175700	0.00	1.44	0.11	0.02
34003029200	0.00	2.05	0.15	0.03
34003041100	0.00	1.77	0.14	0.03
34003057102	0.00	1.29	0.10	0.02
34003012000	0.00	1.45	0.11	0.02
34003036200	0.00	1.50	0.11	0.02
34003005000	0.00	1.56	0.12	0.02
34003041300	0.00	1.43	0.11	0.02
34003045200	0.00	1.40	0.11	0.02
34003051100	0.00	1.50	0.11	0.02
34003045100	0.00	1.09	0.09	0.02
34003051300	0.00	1.10	0.08	0.02
34003051200	0.00	1.33	0.10	0.02
34003018200	0.00	1.29	0.10	0.02
34003051400	0.00	1.25	0.09	0.02
34017014600	0.00	1.00	0.08	0.01
34017019500	0.00	1.42	0.11	0.02

Table C.281: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.48	0.44
34003023100	0.00	0.00	0.53	0.50
34003023300	0.00	0.00	0.60	0.56
34003023200	0.00	0.00	0.58	0.54
34003033200	0.00	0.00	0.52	0.48
34003033300	0.00	0.00	0.54	0.50
34003054400	0.00	0.00	0.69	0.66
34003052200	0.00	0.00	0.49	0.44
34003023500	0.00	0.00	0.44	0.41
34003030100	0.00	0.00	0.35	0.32
34003054500	0.00	0.00	0.65	0.62
34003023401	0.00	0.00	0.46	0.42
34003030300	0.00	0.00	0.35	0.32
34003030200	0.00	0.00	0.36	0.32
34003023402	0.00	0.00	0.30	0.28
34003021400	0.00	0.00	0.44	0.40
34003004000	0.00	0.00	0.50	0.48
34003054600	0.00	0.00	0.43	0.41
34003021300	0.00	0.00	0.43	0.39
34003023600	0.00	0.00	0.36	0.33
34003030400	0.00	0.00	0.38	0.35
34031175200	0.00	0.00	0.33	0.30
34003028001	0.00	0.00	0.43	0.40
34003025100	0.00	0.00	0.39	0.36
34003021500	0.00	0.00	0.36	0.33
34003021600	0.00	0.00	0.35	0.32
34003036100	0.00	0.00	0.25	0.23

Table C.282: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.31	0.28
34003046200	0.00	0.00	0.35	0.33
34003060000	0.00	0.00	0.23	0.21
34003046100	0.00	0.00	0.32	0.30
34031175900	0.00	0.00	0.26	0.23
34003057101	0.00	0.00	0.34	0.31
34003046300	0.00	0.00	0.27	0.25
34003057200	0.00	0.00	0.29	0.26
34003029100	0.00	0.00	0.36	0.33
34031175700	0.00	0.00	0.23	0.21
34003029200	0.00	0.00	0.34	0.31
34003041100	0.00	0.00	0.31	0.29
34003057102	0.00	0.00	0.16	0.14
34003012000	0.00	0.00	0.16	0.15
34003036200	0.00	0.00	0.26	0.23
34003005000	0.00	0.00	0.17	0.16
34003041300	0.00	0.00	0.28	0.26
34003045200	0.00	0.00	0.17	0.16
34003051100	0.00	0.00	0.22	0.19
34003045100	0.00	0.00	0.14	0.13
34003051300	0.00	0.00	0.14	0.12
34003051200	0.00	0.00	0.18	0.16
34003018200	0.00	0.00	0.24	0.22
34003051400	0.00	0.00	0.16	0.14
34017014600	0.00	0.00	0.15	0.13
34017019500	0.00	0.00	0.21	0.19

Table C.283: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.04	0.23	0.06
34003023100	0.00	0.09	0.44	0.12
34003023300	0.00	0.08	0.42	0.11
34003023200	0.00	0.08	0.43	0.11
34003033200	0.00	0.06	0.33	0.08
34003033300	0.00	0.07	0.37	0.09
34003054400	0.00	0.11	0.55	0.14
34003052200	0.00	0.05	0.27	0.07
34003023500	0.00	0.06	0.30	0.08
34003030100	0.00	0.03	0.13	0.03
34003054500	0.00	0.09	0.49	0.13
34003023401	0.00	0.06	0.29	0.07
34003030300	0.00	0.04	0.21	0.05
34003030200	0.00	0.04	0.21	0.05
34003023402	0.00	0.02	0.11	0.03
34003021400	0.00	0.05	0.27	0.07
34003004000	0.00	0.06	0.30	0.08
34003054600	0.00	0.03	0.17	0.04
34003021300	0.00	0.05	0.24	0.06
34003023600	0.00	0.04	0.18	0.05
34003030400	0.00	0.04	0.21	0.06
34031175200	0.00	0.03	0.17	0.04
34003028001	0.00	0.04	0.19	0.05
34003025100	0.00	0.04	0.21	0.06
34003021500	0.00	0.04	0.22	0.06
34003021600	0.00	0.04	0.20	0.05
34003036100	0.00	0.02	0.12	0.03

Table C.284: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.03	0.16	0.04
34003046200	0.00	0.03	0.14	0.04
34003060000	0.00	0.02	0.09	0.02
34003046100	0.00	0.02	0.11	0.03
34031175900	0.00	0.02	0.11	0.03
34003057101	0.00	0.04	0.19	0.05
34003046300	0.00	0.02	0.10	0.03
34003057200	0.00	0.02	0.12	0.03
34003029100	0.00	0.04	0.21	0.06
34031175700	0.00	0.01	0.07	0.02
34003029200	0.00	0.04	0.21	0.05
34003041100	0.00	0.03	0.15	0.04
34003057102	0.00	0.01	0.05	0.01
34003012000	0.00	0.01	0.05	0.01
34003036200	0.00	0.03	0.18	0.05
34003005000	0.00	0.01	0.05	0.01
34003041300	0.00	0.02	0.12	0.03
34003045200	0.00	0.01	0.05	0.01
34003051100	0.00	0.01	0.07	0.02
34003045100	0.00	0.01	0.05	0.01
34003051300	0.00	0.01	0.04	0.01
34003051200	0.00	0.01	0.05	0.01
34003018200	0.00	0.02	0.12	0.03
34003051400	0.00	0.01	0.04	0.01
34017014600	0.00	0.01	0.05	0.01
34017019500	0.00	0.02	0.09	0.02

Table C.285: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.87	0.34	0.59	0.21
34003023100	0.99	0.39	0.68	0.25
34003023300	1.03	0.41	0.71	0.26
34003023200	1.02	0.41	0.71	0.26
34003033200	0.95	0.37	0.65	0.23
34003033300	0.97	0.38	0.66	0.24
34003054400	1.19	0.45	0.79	0.30
34003052200	0.92	0.35	0.61	0.21
34003023500	0.79	0.31	0.54	0.20
34003030100	0.63	0.24	0.42	0.15
34003054500	1.19	0.43	0.76	0.29
34003023401	0.82	0.32	0.56	0.20
34003030300	0.67	0.26	0.44	0.16
34003030200	0.68	0.26	0.45	0.16
34003023402	0.54	0.21	0.37	0.13
34003021400	0.84	0.31	0.55	0.19
34003004000	0.91	0.34	0.59	0.22
34003054600	0.77	0.27	0.48	0.18
34003021300	0.82	0.30	0.53	0.19
34003023600	0.65	0.25	0.44	0.16
34003030400	0.69	0.26	0.46	0.16
34031175200	0.64	0.23	0.41	0.14
34003028001	0.80	0.27	0.49	0.18
34003025100	0.71	0.27	0.47	0.17
34003021500	0.72	0.27	0.46	0.16
34003021600	0.69	0.26	0.44	0.15
34003036100	0.48	0.19	0.32	0.12

Table C.286: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.58	0.22	0.38	0.13
34003046200	0.64	0.23	0.41	0.15
34003060000	0.45	0.17	0.29	0.10
34003046100	0.59	0.21	0.37	0.13
34031175900	0.52	0.19	0.33	0.12
34003057101	0.67	0.25	0.43	0.15
34003046300	0.50	0.18	0.32	0.12
34003057200	0.56	0.20	0.35	0.12
34003029100	0.66	0.24	0.42	0.15
34031175700	0.43	0.15	0.27	0.09
34003029200	0.64	0.24	0.41	0.15
34003041100	0.60	0.21	0.37	0.13
34003057102	0.32	0.12	0.20	0.07
34003012000	0.32	0.12	0.21	0.07
34003036200	0.49	0.18	0.32	0.11
34003005000	0.34	0.13	0.22	0.08
34003041300	0.54	0.18	0.33	0.12
34003045200	0.35	0.12	0.21	0.08
34003051100	0.41	0.15	0.26	0.09
34003045100	0.31	0.10	0.19	0.07
34003051300	0.27	0.10	0.17	0.06
34003051200	0.34	0.12	0.22	0.07
34003018200	0.48	0.16	0.29	0.10
34003051400	0.30	0.11	0.19	0.07
34017014600	0.30	0.10	0.18	0.06
34017019500	0.41	0.14	0.25	0.09

Table C.287: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.03	0.47	0.49	0.29
34003023100	0.03	0.50	0.53	0.33
34003023300	0.03	0.57	0.60	0.37
34003023200	0.03	0.56	0.59	0.37
34003033200	0.03	0.50	0.53	0.32
34003033300	0.03	0.53	0.56	0.34
34003054400	0.03	0.62	0.65	0.41
34003052200	0.03	0.49	0.51	0.30
34003023500	0.02	0.43	0.45	0.28
34003030100	0.02	0.35	0.37	0.22
34003054500	0.03	0.59	0.62	0.39
34003023401	0.02	0.46	0.48	0.29
34003030300	0.02	0.36	0.38	0.22
34003030200	0.02	0.36	0.38	0.22
34003023402	0.02	0.30	0.32	0.19
34003021400	0.03	0.45	0.47	0.28
34003004000	0.03	0.46	0.49	0.30
34003054600	0.02	0.39	0.41	0.26
34003021300	0.02	0.44	0.46	0.27
34003023600	0.02	0.35	0.37	0.22
34003030400	0.02	0.38	0.40	0.23
34031175200	0.02	0.33	0.35	0.20
34003028001	0.02	0.38	0.40	0.25
34003025100	0.02	0.38	0.40	0.24
34003021500	0.02	0.37	0.39	0.23
34003021600	0.02	0.36	0.38	0.22
34003036100	0.01	0.26	0.27	0.16

Table C.288: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.02	0.31	0.33	0.19
34003046200	0.02	0.33	0.35	0.21
34003060000	0.01	0.24	0.25	0.15
34003046100	0.02	0.29	0.31	0.19
34031175900	0.02	0.27	0.28	0.17
34003057101	0.02	0.35	0.37	0.21
34003046300	0.01	0.25	0.27	0.16
34003057200	0.02	0.29	0.31	0.18
34003029100	0.02	0.33	0.35	0.21
34031175700	0.01	0.23	0.24	0.14
34003029200	0.02	0.32	0.34	0.21
34003041100	0.02	0.28	0.30	0.18
34003057102	0.01	0.17	0.18	0.10
34003012000	0.01	0.17	0.18	0.10
34003036200	0.01	0.25	0.27	0.16
34003005000	0.01	0.18	0.19	0.11
34003041300	0.02	0.25	0.27	0.16
34003045200	0.01	0.17	0.18	0.11
34003051100	0.01	0.21	0.22	0.13
34003045100	0.01	0.14	0.15	0.09
34003051300	0.01	0.14	0.15	0.09
34003051200	0.01	0.18	0.19	0.11
34003018200	0.01	0.21	0.23	0.14
34003051400	0.01	0.16	0.17	0.10
34017014600	0.01	0.14	0.15	0.09
34017019500	0.01	0.20	0.22	0.13

Table C.289: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.40	0.30
34003023100	0.00	0.02	0.67	0.50
34003023300	0.00	0.01	0.61	0.46
34003023200	0.00	0.01	0.60	0.45
34003033200	0.00	0.01	0.49	0.37
34003033300	0.00	0.01	0.55	0.41
34003054400	0.00	0.02	0.88	0.66
34003052200	0.00	0.01	0.44	0.33
34003023500	0.00	0.01	0.53	0.40
34003030100	0.00	0.01	0.36	0.27
34003054500	0.00	0.02	0.93	0.72
34003023401	0.00	0.01	0.50	0.37
34003030300	0.00	0.01	0.39	0.29
34003030200	0.00	0.01	0.38	0.29
34003023402	0.00	0.01	0.35	0.26
34003021400	0.00	0.01	0.44	0.33
34003004000	0.00	0.02	0.72	0.56
34003054600	0.00	0.02	0.63	0.49
34003021300	0.00	0.01	0.42	0.32
34003023600	0.00	0.01	0.49	0.37
34003030400	0.00	0.01	0.44	0.33
34031175200	0.00	0.01	0.35	0.26
34003028001	0.00	0.02	0.72	0.59
34003025100	0.00	0.01	0.50	0.38
34003021500	0.00	0.01	0.41	0.31
34003021600	0.00	0.01	0.37	0.28
34003036100	0.00	0.01	0.37	0.29

Table C.290: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.39	0.29
34003046200	0.00	0.01	0.52	0.41
34003060000	0.00	0.01	0.30	0.23
34003046100	0.00	0.01	0.50	0.39
34031175900	0.00	0.01	0.29	0.22
34003057101	0.00	0.01	0.41	0.31
34003046300	0.00	0.01	0.42	0.33
34003057200	0.00	0.01	0.32	0.24
34003029100	0.00	0.01	0.56	0.44
34031175700	0.00	0.01	0.25	0.19
34003029200	0.00	0.01	0.55	0.43
34003041100	0.00	0.01	0.53	0.43
34003057102	0.00	0.00	0.20	0.15
34003012000	0.00	0.00	0.21	0.16
34003036200	0.00	0.01	0.44	0.34
34003005000	0.00	0.01	0.23	0.17
34003041300	0.00	0.01	0.48	0.39
34003045200	0.00	0.01	0.29	0.23
34003051100	0.00	0.01	0.26	0.20
34003045100	0.00	0.01	0.25	0.20
34003051300	0.00	0.00	0.18	0.14
34003051200	0.00	0.01	0.23	0.17
34003018200	0.00	0.01	0.40	0.33
34003051400	0.00	0.00	0.22	0.17
34017014600	0.00	0.01	0.23	0.18
34017019500	0.00	0.01	0.32	0.26

Table C.291: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.30	0.30	0.12
34003023100	0.00	0.45	0.43	0.17
34003023300	0.00	0.42	0.41	0.16
34003023200	0.00	0.41	0.40	0.16
34003033200	0.00	0.35	0.35	0.14
34003033300	0.00	0.39	0.38	0.15
34003054400	0.00	0.59	0.56	0.22
34003052200	0.00	0.32	0.31	0.13
34003023500	0.00	0.36	0.34	0.14
34003030100	0.00	0.29	0.28	0.11
34003054500	0.00	0.65	0.61	0.24
34003023401	0.00	0.35	0.34	0.13
34003030300	0.00	0.27	0.26	0.10
34003030200	0.00	0.26	0.26	0.10
34003023402	0.00	0.27	0.26	0.10
34003021400	0.00	0.31	0.30	0.12
34003004000	0.00	0.51	0.47	0.19
34003054600	0.00	0.51	0.46	0.19
34003021300	0.00	0.29	0.28	0.11
34003023600	0.00	0.36	0.34	0.14
34003030400	0.00	0.31	0.30	0.12
34031175200	0.00	0.24	0.23	0.09
34003028001	0.00	0.59	0.51	0.21
34003025100	0.00	0.37	0.35	0.14
34003021500	0.00	0.28	0.27	0.11
34003021600	0.00	0.26	0.25	0.10
34003036100	0.00	0.29	0.27	0.11

Table C.292: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.28	0.27	0.11
34003046200	0.00	0.42	0.38	0.16
34003060000	0.00	0.23	0.22	0.09
34003046100	0.00	0.42	0.38	0.16
34031175900	0.00	0.20	0.20	0.08
34003057101	0.00	0.29	0.28	0.11
34003046300	0.00	0.34	0.31	0.13
34003057200	0.00	0.24	0.23	0.09
34003029100	0.00	0.41	0.38	0.15
34031175700	0.00	0.19	0.19	0.07
34003029200	0.00	0.40	0.37	0.15
34003041100	0.00	0.43	0.37	0.16
34003057102	0.00	0.16	0.15	0.06
34003012000	0.00	0.18	0.17	0.07
34003036200	0.00	0.32	0.30	0.12
34003005000	0.00	0.19	0.18	0.07
34003041300	0.00	0.38	0.33	0.14
34003045200	0.00	0.26	0.23	0.10
34003051100	0.00	0.20	0.20	0.08
34003045100	0.00	0.21	0.18	0.08
34003051300	0.00	0.15	0.14	0.06
34003051200	0.00	0.18	0.17	0.07
34003018200	0.00	0.31	0.27	0.12
34003051400	0.00	0.18	0.17	0.07
34017014600	0.00	0.18	0.16	0.07
34017019500	0.00	0.25	0.23	0.09

Table C.293: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.20	0.36	0.14
34003023100	0.00	0.35	0.57	0.22
34003023300	0.00	0.31	0.53	0.21
34003023200	0.00	0.33	0.54	0.21
34003033200	0.00	0.25	0.43	0.17
34003033300	0.00	0.28	0.49	0.19
34003054400	0.00	0.48	0.72	0.27
34003052200	0.00	0.22	0.40	0.16
34003023500	0.00	0.30	0.50	0.19
34003030100	0.00	0.21	0.35	0.14
34003054500	0.00	0.61	0.79	0.30
34003023401	0.00	0.29	0.48	0.19
34003030300	0.00	0.23	0.40	0.16
34003030200	0.00	0.22	0.39	0.16
34003023402	0.00	0.21	0.34	0.13
34003021400	0.00	0.24	0.43	0.17
34003004000	0.00	0.49	0.64	0.25
34003054600	0.00	0.49	0.58	0.22
34003021300	0.00	0.23	0.42	0.17
34003023600	0.00	0.32	0.45	0.18
34003030400	0.00	0.26	0.43	0.17
34031175200	0.00	0.21	0.38	0.15
34003028001	0.00	0.65	0.67	0.26
34003025100	0.00	0.31	0.46	0.18
34003021500	0.00	0.23	0.41	0.16
34003021600	0.00	0.22	0.39	0.16
34003036100	0.00	0.25	0.35	0.14

Table C.294: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.25	0.38	0.15
34003046200	0.00	0.41	0.50	0.20
34003060000	0.00	0.21	0.31	0.12
34003046100	0.00	0.41	0.48	0.19
34031175900	0.00	0.18	0.32	0.13
34003057101	0.00	0.25	0.42	0.17
34003046300	0.00	0.35	0.42	0.17
34003057200	0.00	0.20	0.35	0.14
34003029100	0.00	0.40	0.51	0.20
34031175700	0.00	0.16	0.27	0.11
34003029200	0.00	0.39	0.50	0.20
34003041100	0.00	0.48	0.52	0.21
34003057102	0.00	0.14	0.22	0.09
34003012000	0.00	0.15	0.23	0.09
34003036200	0.00	0.28	0.37	0.15
34003005000	0.00	0.17	0.25	0.10
34003041300	0.00	0.43	0.49	0.19
34003045200	0.00	0.26	0.30	0.12
34003051100	0.00	0.18	0.28	0.11
34003045100	0.00	0.22	0.27	0.11
34003051300	0.00	0.14	0.21	0.08
34003051200	0.00	0.16	0.25	0.10
34003018200	0.00	0.32	0.41	0.17
34003051400	0.00	0.16	0.23	0.10
34017014600	0.00	0.19	0.25	0.10
34017019500	0.00	0.26	0.34	0.14

Table C.295: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.84	0.15	0.09
34003023100	0.00	1.80	0.32	0.18
34003023300	0.00	1.80	0.32	0.18
34003023200	0.00	1.72	0.31	0.17
34003033200	0.00	1.22	0.21	0.12
34003033300	0.00	1.62	0.28	0.16
34003054400	0.00	2.90	0.51	0.28
34003052200	0.00	1.10	0.19	0.11
34003023500	0.00	1.48	0.26	0.14
34003030100	0.00	0.79	0.13	0.08
34003054500	0.00	3.09	0.55	0.30
34003023401	0.00	1.48	0.26	0.15
34003030300	0.00	1.08	0.18	0.10
34003030200	0.00	1.04	0.18	0.10
34003023402	0.00	0.72	0.12	0.07
34003021400	0.00	1.32	0.22	0.13
34003004000	0.00	2.17	0.37	0.21
34003054600	0.00	1.57	0.27	0.15
34003021300	0.00	1.23	0.21	0.12
34003023600	0.00	1.23	0.21	0.12
34003030400	0.00	1.30	0.22	0.13
34031175200	0.00	0.98	0.16	0.09
34003028001	0.00	2.10	0.36	0.19
34003025100	0.00	1.43	0.24	0.14
34003021500	0.00	1.14	0.19	0.11
34003021600	0.00	1.06	0.18	0.10
34003036100	0.00	0.82	0.14	0.08

Table C.296: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.05	0.18	0.10
34003046200	0.00	1.32	0.22	0.13
34003060000	0.00	0.66	0.11	0.06
34003046100	0.00	1.22	0.20	0.11
34031175900	0.00	0.67	0.11	0.06
34003057101	0.00	1.18	0.20	0.11
34003046300	0.00	1.01	0.17	0.09
34003057200	0.00	0.80	0.13	0.08
34003029100	0.00	1.69	0.28	0.16
34031175700	0.00	0.52	0.08	0.05
34003029200	0.00	1.66	0.28	0.16
34003041100	0.00	1.57	0.26	0.14
34003057102	0.00	0.37	0.06	0.03
34003012000	0.00	0.40	0.07	0.04
34003036200	0.00	1.16	0.19	0.11
34003005000	0.00	0.44	0.07	0.04
34003041300	0.00	1.41	0.23	0.12
34003045200	0.00	0.65	0.10	0.06
34003051100	0.00	0.55	0.09	0.05
34003045100	0.00	0.58	0.09	0.05
34003051300	0.00	0.35	0.06	0.03
34003051200	0.00	0.46	0.07	0.04
34003018200	0.00	1.25	0.19	0.11
34003051400	0.00	0.44	0.07	0.04
34017014600	0.00	0.60	0.09	0.05
34017019500	0.00	1.04	0.16	0.09

Table C.297: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.22	0.37	0.16
34003023100	0.00	0.31	0.57	0.24
34003023300	0.00	0.31	0.55	0.23
34003023200	0.00	0.31	0.55	0.23
34003033200	0.00	0.25	0.43	0.18
34003033300	0.00	0.28	0.51	0.21
34003054400	0.00	0.44	0.77	0.31
34003052200	0.00	0.23	0.41	0.18
34003023500	0.00	0.25	0.48	0.20
34003030100	0.00	0.19	0.36	0.15
34003054500	0.00	0.65	0.82	0.34
34003023401	0.00	0.25	0.48	0.20
34003030300	0.00	0.20	0.38	0.16
34003030200	0.00	0.19	0.37	0.16
34003023402	0.00	0.19	0.34	0.14
34003021400	0.00	0.23	0.44	0.19
34003004000	0.00	0.55	0.66	0.27
34003054600	0.00	0.59	0.59	0.25
34003021300	0.00	0.22	0.42	0.18
34003023600	0.00	0.34	0.45	0.19
34003030400	0.00	0.25	0.43	0.18
34031175200	0.00	0.18	0.35	0.15
34003028001	0.00	0.87	0.68	0.29
34003025100	0.00	0.33	0.48	0.20
34003021500	0.00	0.20	0.40	0.17
34003021600	0.00	0.19	0.38	0.16
34003036100	0.00	0.29	0.35	0.14

Table C.298: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.25	0.37	0.16
34003046200	0.00	0.49	0.50	0.21
34003060000	0.00	0.22	0.30	0.13
34003046100	0.00	0.54	0.48	0.20
34031175900	0.00	0.16	0.29	0.12
34003057101	0.00	0.25	0.41	0.17
34003046300	0.00	0.44	0.41	0.17
34003057200	0.00	0.20	0.34	0.14
34003029100	0.00	0.50	0.52	0.22
34031175700	0.00	0.15	0.26	0.11
34003029200	0.00	0.49	0.50	0.21
34003041100	0.00	0.60	0.50	0.21
34003057102	0.00	0.13	0.20	0.08
34003012000	0.00	0.16	0.22	0.09
34003036200	0.00	0.37	0.39	0.16
34003005000	0.00	0.18	0.23	0.10
34003041300	0.00	0.54	0.46	0.19
34003045200	0.00	0.32	0.28	0.12
34003051100	0.00	0.19	0.27	0.11
34003045100	0.00	0.27	0.24	0.10
34003051300	0.00	0.15	0.19	0.08
34003051200	0.00	0.18	0.24	0.10
34003018200	0.00	0.41	0.38	0.16
34003051400	0.00	0.19	0.22	0.10
34017014600	0.00	0.23	0.23	0.10
34017019500	0.00	0.34	0.33	0.14

Table C.299: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.02	0.33	0.18
34003023100	0.00	0.03	0.55	0.29
34003023300	0.00	0.02	0.49	0.26
34003023200	0.00	0.03	0.50	0.27
34003033200	0.00	0.02	0.40	0.21
34003033300	0.00	0.02	0.44	0.24
34003054400	0.00	0.04	0.68	0.36
34003052200	0.00	0.02	0.36	0.19
34003023500	0.00	0.02	0.45	0.24
34003030100	0.00	0.02	0.31	0.17
34003054500	0.00	0.04	0.74	0.40
34003023401	0.00	0.02	0.42	0.22
34003030300	0.00	0.02	0.34	0.18
34003030200	0.00	0.02	0.33	0.18
34003023402	0.00	0.02	0.31	0.16
34003021400	0.00	0.02	0.36	0.19
34003004000	0.00	0.03	0.59	0.32
34003054600	0.00	0.03	0.53	0.30
34003021300	0.00	0.02	0.34	0.18
34003023600	0.00	0.02	0.43	0.23
34003030400	0.00	0.02	0.37	0.20
34031175200	0.00	0.02	0.30	0.16
34003028001	0.00	0.04	0.62	0.35
34003025100	0.00	0.02	0.41	0.22
34003021500	0.00	0.02	0.34	0.18
34003021600	0.00	0.02	0.32	0.17
34003036100	0.00	0.02	0.34	0.18

Table C.300: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.02	0.34	0.18
34003046200	0.00	0.02	0.45	0.25
34003060000	0.00	0.01	0.27	0.14
34003046100	0.00	0.02	0.43	0.24
34031175900	0.00	0.01	0.26	0.14
34003057101	0.00	0.02	0.35	0.18
34003046300	0.00	0.02	0.38	0.21
34003057200	0.00	0.01	0.28	0.15
34003029100	0.00	0.03	0.48	0.26
34031175700	0.00	0.01	0.22	0.12
34003029200	0.00	0.03	0.46	0.26
34003041100	0.00	0.03	0.47	0.27
34003057102	0.00	0.01	0.18	0.10
34003012000	0.00	0.01	0.19	0.10
34003036200	0.00	0.02	0.38	0.21
34003005000	0.00	0.01	0.21	0.11
34003041300	0.00	0.02	0.43	0.25
34003045200	0.00	0.02	0.27	0.15
34003051100	0.00	0.01	0.23	0.12
34003045100	0.00	0.01	0.24	0.14
34003051300	0.00	0.01	0.17	0.09
34003051200	0.00	0.01	0.20	0.11
34003018200	0.00	0.02	0.35	0.21
34003051400	0.00	0.01	0.19	0.11
34017014600	0.00	0.01	0.21	0.12
34017019500	0.00	0.02	0.28	0.16

Table C.301: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.36	0.31
34003023100	0.00	0.00	0.58	0.48
34003023300	0.00	0.00	0.59	0.49
34003023200	0.00	0.00	0.59	0.49
34003033200	0.00	0.00	0.43	0.36
34003033300	0.00	0.00	0.54	0.45
34003054400	0.00	0.00	0.86	0.69
34003052200	0.00	0.00	0.43	0.37
34003023500	0.00	0.00	0.53	0.44
34003030100	0.00	0.00	0.38	0.32
34003054500	0.00	0.00	0.93	0.76
34003023401	0.00	0.00	0.54	0.45
34003030300	0.00	0.00	0.42	0.36
34003030200	0.00	0.00	0.41	0.35
34003023402	0.00	0.00	0.36	0.30
34003021400	0.00	0.00	0.49	0.42
34003004000	0.00	0.00	0.75	0.62
34003054600	0.00	0.00	0.67	0.55
34003021300	0.00	0.00	0.48	0.41
34003023600	0.00	0.00	0.48	0.40
34003030400	0.00	0.00	0.48	0.41
34031175200	0.00	0.00	0.42	0.36
34003028001	0.00	0.00	0.78	0.65
34003025100	0.00	0.00	0.52	0.44
34003021500	0.00	0.00	0.44	0.37
34003021600	0.00	0.00	0.43	0.37
34003036100	0.00	0.00	0.36	0.30

Table C.302: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.41	0.35
34003046200	0.00	0.00	0.57	0.48
34003060000	0.00	0.00	0.32	0.27
34003046100	0.00	0.00	0.55	0.46
34031175900	0.00	0.00	0.33	0.29
34003057101	0.00	0.00	0.47	0.40
34003046300	0.00	0.00	0.46	0.39
34003057200	0.00	0.00	0.38	0.33
34003029100	0.00	0.00	0.58	0.49
34031175700	0.00	0.00	0.31	0.27
34003029200	0.00	0.00	0.56	0.48
34003041100	0.00	0.00	0.57	0.48
34003057102	0.00	0.00	0.21	0.18
34003012000	0.00	0.00	0.23	0.20
34003036200	0.00	0.00	0.42	0.36
34003005000	0.00	0.00	0.25	0.21
34003041300	0.00	0.00	0.54	0.46
34003045200	0.00	0.00	0.31	0.26
34003051100	0.00	0.00	0.30	0.26
34003045100	0.00	0.00	0.27	0.23
34003051300	0.00	0.00	0.21	0.18
34003051200	0.00	0.00	0.27	0.23
34003018200	0.00	0.00	0.46	0.40
34003051400	0.00	0.00	0.25	0.22
34017014600	0.00	0.00	0.28	0.24
34017019500	0.00	0.00	0.39	0.34

Table C.303: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	2.17	0.18	0.03
34003023100	0.00	2.99	0.25	0.04
34003023300	0.00	2.38	0.20	0.03
34003023200	0.00	2.22	0.18	0.03
34003033200	0.00	2.36	0.19	0.03
34003033300	0.00	2.31	0.19	0.03
34003054400	0.00	3.27	0.26	0.04
34003052200	0.00	2.21	0.18	0.03
34003023500	0.00	1.92	0.16	0.03
34003030100	0.00	2.04	0.17	0.03
34003054500	0.00	3.98	0.30	0.05
34003023401	0.00	1.87	0.15	0.02
34003030300	0.00	1.46	0.12	0.02
34003030200	0.00	1.41	0.12	0.02
34003023402	0.00	1.82	0.15	0.02
34003021400	0.00	1.76	0.15	0.02
34003004000	0.00	3.19	0.24	0.04
34003054600	0.00	3.60	0.25	0.04
34003021300	0.00	1.65	0.14	0.02
34003023600	0.00	2.32	0.18	0.03
34003030400	0.00	1.73	0.14	0.02
34031175200	0.00	1.26	0.11	0.02
34003028001	0.00	4.27	0.27	0.05
34003025100	0.00	2.42	0.19	0.03
34003021500	0.00	1.64	0.14	0.02
34003021600	0.00	1.39	0.12	0.02
34003036100	0.00	2.09	0.16	0.02

Table C.304: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.77	0.14	0.02
34003046200	0.00	2.76	0.19	0.03
34003060000	0.00	1.76	0.14	0.02
34003046100	0.00	3.14	0.21	0.03
34031175900	0.00	1.29	0.11	0.02
34003057101	0.00	1.79	0.14	0.02
34003046300	0.00	2.42	0.17	0.03
34003057200	0.00	1.47	0.12	0.02
34003029100	0.00	2.50	0.18	0.03
34031175700	0.00	1.26	0.10	0.02
34003029200	0.00	2.77	0.20	0.03
34003041100	0.00	3.03	0.20	0.03
34003057102	0.00	1.22	0.10	0.02
34003012000	0.00	1.53	0.12	0.02
34003036200	0.00	1.95	0.14	0.02
34003005000	0.00	1.69	0.13	0.02
34003041300	0.00	2.50	0.16	0.03
34003045200	0.00	2.31	0.15	0.03
34003051100	0.00	1.51	0.12	0.02
34003045100	0.00	1.84	0.12	0.02
34003051300	0.00	1.22	0.09	0.01
34003051200	0.00	1.43	0.11	0.02
34003018200	0.00	2.11	0.14	0.02
34003051400	0.00	1.49	0.11	0.02
34017014600	0.00	1.50	0.10	0.02
34017019500	0.00	2.09	0.14	0.02

Table C.305: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.32	0.39
34003023100	0.00	0.00	0.49	0.59
34003023300	0.00	0.00	0.49	0.59
34003023200	0.00	0.00	0.47	0.57
34003033200	0.00	0.00	0.38	0.46
34003033300	0.00	0.00	0.44	0.53
34003054400	0.00	0.00	0.70	0.85
34003052200	0.00	0.00	0.35	0.43
34003023500	0.00	0.00	0.41	0.49
34003030100	0.00	0.00	0.31	0.37
34003054500	0.00	0.00	0.76	0.93
34003023401	0.00	0.00	0.40	0.48
34003030300	0.00	0.00	0.31	0.37
34003030200	0.00	0.00	0.30	0.36
34003023402	0.00	0.00	0.29	0.35
34003021400	0.00	0.00	0.36	0.44
34003004000	0.00	0.00	0.59	0.72
34003054600	0.00	0.00	0.55	0.68
34003021300	0.00	0.00	0.34	0.41
34003023600	0.00	0.00	0.39	0.48
34003030400	0.00	0.00	0.36	0.44
34031175200	0.00	0.00	0.29	0.35
34003028001	0.00	0.00	0.63	0.81
34003025100	0.00	0.00	0.41	0.50
34003021500	0.00	0.00	0.32	0.39
34003021600	0.00	0.00	0.30	0.36
34003036100	0.00	0.00	0.28	0.35

Table C.306: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.32	0.38
34003046200	0.00	0.00	0.45	0.56
34003060000	0.00	0.00	0.25	0.30
34003046100	0.00	0.00	0.44	0.56
34031175900	0.00	0.00	0.23	0.28
34003057101	0.00	0.00	0.34	0.41
34003046300	0.00	0.00	0.36	0.45
34003057200	0.00	0.00	0.27	0.33
34003029100	0.00	0.00	0.46	0.57
34031175700	0.00	0.00	0.22	0.27
34003029200	0.00	0.00	0.44	0.55
34003041100	0.00	0.00	0.45	0.58
34003057102	0.00	0.00	0.16	0.20
34003012000	0.00	0.00	0.18	0.22
34003036200	0.00	0.00	0.32	0.40
34003005000	0.00	0.00	0.19	0.24
34003041300	0.00	0.00	0.41	0.53
34003045200	0.00	0.00	0.25	0.32
34003051100	0.00	0.00	0.23	0.28
34003045100	0.00	0.00	0.21	0.27
34003051300	0.00	0.00	0.16	0.19
34003051200	0.00	0.00	0.20	0.25
34003018200	0.00	0.00	0.34	0.45
34003051400	0.00	0.00	0.19	0.23
34017014600	0.00	0.00	0.20	0.26
34017019500	0.00	0.00	0.29	0.36

Table C.307: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.11	0.19	0.03
34003023100	0.00	0.34	0.54	0.09
34003023300	0.00	0.27	0.44	0.07
34003023200	0.00	0.28	0.45	0.08
34003033200	0.00	0.18	0.30	0.05
34003033300	0.00	0.23	0.38	0.06
34003054400	0.00	0.50	0.76	0.12
34003052200	0.00	0.14	0.25	0.04
34003023500	0.00	0.23	0.38	0.06
34003030100	0.00	0.09	0.16	0.03
34003054500	0.00	0.58	0.80	0.13
34003023401	0.00	0.20	0.34	0.06
34003030300	0.00	0.14	0.24	0.04
34003030200	0.00	0.13	0.24	0.04
34003023402	0.00	0.09	0.15	0.02
34003021400	0.00	0.16	0.29	0.05
34003004000	0.00	0.35	0.51	0.08
34003054600	0.00	0.25	0.32	0.05
34003021300	0.00	0.14	0.26	0.04
34003023600	0.00	0.18	0.28	0.05
34003030400	0.00	0.16	0.28	0.05
34031175200	0.00	0.11	0.20	0.03
34003028001	0.00	0.40	0.45	0.07
34003025100	0.00	0.19	0.32	0.05
34003021500	0.00	0.15	0.26	0.04
34003021600	0.00	0.12	0.23	0.04
34003036100	0.00	0.13	0.20	0.03

Table C.308: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.13	0.23	0.04
34003046200	0.00	0.19	0.27	0.04
34003060000	0.00	0.08	0.14	0.02
34003046100	0.00	0.18	0.24	0.04
34031175900	0.00	0.07	0.13	0.02
34003057101	0.00	0.14	0.25	0.04
34003046300	0.00	0.15	0.20	0.03
34003057200	0.00	0.09	0.16	0.03
34003029100	0.00	0.27	0.40	0.07
34031175700	0.00	0.05	0.09	0.02
34003029200	0.00	0.27	0.40	0.07
34003041100	0.00	0.28	0.35	0.06
34003057102	0.00	0.04	0.07	0.01
34003012000	0.00	0.04	0.08	0.01
34003036200	0.00	0.22	0.33	0.06
34003005000	0.00	0.05	0.08	0.01
34003041300	0.00	0.23	0.30	0.05
34003045200	0.00	0.09	0.12	0.02
34003051100	0.00	0.06	0.10	0.02
34003045100	0.00	0.08	0.11	0.02
34003051300	0.00	0.04	0.07	0.01
34003051200	0.00	0.05	0.08	0.01
34003018200	0.00	0.18	0.27	0.04
34003051400	0.00	0.05	0.08	0.01
34017014600	0.00	0.07	0.11	0.02
34017019500	0.00	0.13	0.20	0.03

Table C.309: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.40	0.39	0.10
34003023100	0.00	0.64	0.63	0.16
34003023300	0.00	0.58	0.58	0.15
34003023200	0.00	0.59	0.57	0.15
34003033200	0.00	0.48	0.47	0.12
34003033300	0.00	0.54	0.53	0.14
34003054400	0.00	0.85	0.80	0.20
34003052200	0.00	0.44	0.44	0.11
34003023500	0.00	0.51	0.50	0.13
34003030100	0.00	0.37	0.37	0.09
34003054500	0.00	1.05	0.87	0.22
34003023401	0.00	0.49	0.49	0.13
34003030300	0.00	0.38	0.39	0.10
34003030200	0.00	0.37	0.38	0.10
34003023402	0.00	0.36	0.35	0.09
34003021400	0.00	0.44	0.44	0.11
34003004000	0.00	0.83	0.69	0.18
34003054600	0.00	0.81	0.61	0.16
34003021300	0.00	0.41	0.42	0.11
34003023600	0.00	0.55	0.48	0.12
34003030400	0.00	0.44	0.43	0.11
34031175200	0.00	0.34	0.35	0.09
34003028001	0.00	1.08	0.70	0.18
34003025100	0.00	0.54	0.49	0.13
34003021500	0.00	0.40	0.41	0.10
34003021600	0.00	0.37	0.38	0.10
34003036100	0.00	0.45	0.37	0.10

Table C.310: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.41	0.39	0.10
34003046200	0.00	0.67	0.51	0.13
34003060000	0.00	0.35	0.31	0.08
34003046100	0.00	0.69	0.49	0.13
34031175900	0.00	0.30	0.30	0.08
34003057101	0.00	0.44	0.42	0.11
34003046300	0.00	0.57	0.42	0.11
34003057200	0.00	0.34	0.34	0.09
34003029100	0.00	0.68	0.53	0.14
34031175700	0.00	0.26	0.26	0.07
34003029200	0.00	0.68	0.53	0.14
34003041100	0.00	0.77	0.52	0.14
34003057102	0.00	0.22	0.21	0.05
34003012000	0.00	0.25	0.23	0.06
34003036200	0.00	0.51	0.40	0.10
34003005000	0.00	0.28	0.24	0.06
34003041300	0.00	0.68	0.47	0.12
34003045200	0.00	0.43	0.30	0.08
34003051100	0.00	0.30	0.27	0.07
34003045100	0.00	0.36	0.26	0.07
34003051300	0.00	0.22	0.20	0.05
34003051200	0.00	0.27	0.24	0.06
34003018200	0.00	0.54	0.40	0.10
34003051400	0.00	0.27	0.23	0.06
34017014600	0.00	0.31	0.24	0.06
34017019500	0.00	0.45	0.34	0.09

Table C.311: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.69	0.32	0.14
34003023100	0.00	1.02	0.48	0.20
34003023300	0.00	1.02	0.48	0.20
34003023200	0.00	1.02	0.47	0.20
34003033200	0.00	0.81	0.37	0.16
34003033300	0.00	0.94	0.44	0.18
34003054400	0.00	1.44	0.65	0.27
34003052200	0.00	0.76	0.36	0.15
34003023500	0.00	0.87	0.41	0.17
34003030100	0.00	0.65	0.32	0.13
34003054500	0.00	1.81	0.70	0.29
34003023401	0.00	0.87	0.42	0.17
34003030300	0.00	0.66	0.32	0.13
34003030200	0.00	0.64	0.31	0.13
34003023402	0.00	0.64	0.30	0.12
34003021400	0.00	0.77	0.38	0.16
34003004000	0.00	1.46	0.56	0.23
34003054600	0.00	1.47	0.51	0.21
34003021300	0.00	0.73	0.36	0.15
34003023600	0.00	0.96	0.39	0.16
34003030400	0.00	0.78	0.37	0.15
34031175200	0.00	0.59	0.29	0.12
34003028001	0.00	1.94	0.57	0.24
34003025100	0.00	0.96	0.41	0.17
34003021500	0.00	0.67	0.33	0.14
34003021600	0.00	0.64	0.31	0.13
34003036100	0.00	0.78	0.30	0.13

Table C.312: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport,from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.73	0.32	0.13
34003046200	0.00	1.22	0.43	0.18
34003060000	0.00	0.62	0.26	0.11
34003046100	0.00	1.26	0.41	0.17
34031175900	0.00	0.52	0.25	0.10
34003057101	0.00	0.77	0.35	0.14
34003046300	0.00	1.04	0.35	0.15
34003057200	0.00	0.61	0.28	0.12
34003029100	0.00	1.20	0.43	0.18
34031175700	0.00	0.48	0.23	0.09
34003029200	0.00	1.20	0.43	0.18
34003041100	0.00	1.36	0.42	0.18
34003057102	0.00	0.39	0.17	0.07
34003012000	0.00	0.45	0.19	0.08
34003036200	0.00	0.91	0.33	0.14
34003005000	0.00	0.50	0.21	0.09
34003041300	0.00	1.21	0.38	0.16
34003045200	0.00	0.76	0.25	0.11
34003051100	0.00	0.53	0.23	0.10
34003045100	0.00	0.65	0.21	0.09
34003051300	0.00	0.40	0.17	0.07
34003051200	0.00	0.49	0.21	0.09
34003018200	0.00	0.92	0.31	0.13
34003051400	0.00	0.49	0.19	0.08
34017014600	0.00	0.54	0.19	0.08
34017019500	0.00	0.81	0.28	0.12

APPENDIX D CALCULATED PERCENTAGE CONTRIBUTIONS TO LOCAL ANNUAL AVERAGE AMBIENT CONCENTRATIONS OF AIR TOXICS FROM DIFFERENT EMISSION SOURCE CATEGORIES BASED ON 1999 NEI ADJUSTED WITH LOCAL INFORMATION

Table D.1: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.25	0.34	51.83	22.15	0.14
34003023100	0.37	0.64	27.65	35.46	0.79
34003023300	0.37	0.51	39.00	26.03	0.55
34003023200	0.34	0.61	34.77	32.23	0.53
34003033200	0.30	0.55	42.86	27.10	0.30
34003033300	0.34	0.59	40.01	26.67	0.44
34003054400	0.38	0.59	29.78	24.50	0.67
34003052200	0.25	0.49	42.22	24.02	0.07
34003023500	0.33	0.61	34.62	33.81	0.76
34003030100	0.25	0.55	57.82	17.40	0.19
34003054500	0.31	0.54	29.95	22.44	0.35
34003023401	0.32	0.52	39.66	29.93	0.55
34003030300	0.25	0.75	38.61	31.98	0.10
34003030200	0.23	0.75	37.58	32.40	0.08
34003023402	0.24	0.39	57.81	19.89	0.57
34003021400	0.23	0.53	35.57	26.14	0.08
34003004000	0.29	0.53	34.95	22.65	0.52
34003054600	0.19	0.32	52.98	12.00	0.30
34003021300	0.20	0.56	32.28	24.68	0.09
34003023600	0.28	0.67	41.62	26.24	1.16
34003030400	0.32	0.64	41.96	24.54	0.15
34031175200	0.17	0.23	17.53	8.80	0.11
34003028001	0.18	0.36	44.74	12.30	0.22
34003025100	0.48	0.56	39.65	22.11	0.43
34003021500	0.19	0.62	31.79	29.66	0.12
34003021600	0.17	0.58	28.80	28.06	0.10
34003036100	0.26	0.83	41.18	29.54	1.73

Table D.2: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.34	0.63	43.33	25.96	0.23
34003046200	0.19	0.38	49.30	16.06	0.52
34003060000	0.26	0.61	49.75	22.71	0.42
34003046100	0.19	0.29	52.10	10.40	0.35
34031175900	0.14	0.19	15.15	7.38	0.11
34003057101	0.21	0.64	34.09	25.24	0.25
34003046300	0.16	0.40	49.89	16.97	0.40
34003057200	0.16	0.33	35.14	19.86	0.16
34003029100	0.25	0.52	31.67	24.49	1.15
34031175700	0.12	0.12	9.65	4.07	0.10
34003029200	0.31	0.77	28.19	23.31	1.02
34003041100	0.17	0.60	38.13	18.67	0.18
34003057102	0.11	0.58	58.97	18.90	0.12
34003012000	0.16	0.50	60.77	15.92	0.06
34003036200	0.40	1.18	21.44	33.50	3.43
34003005000	0.24	0.50	61.21	16.20	0.09
34003041300	0.15	0.46	36.45	16.47	0.12
34003045200	0.10	0.57	57.64	12.38	0.08
34003051100	0.16	0.41	51.73	12.65	0.07
34003045100	0.09	0.58	52.49	18.10	0.05
34003051300	0.20	0.55	58.92	18.71	0.13
34003051200	0.15	0.36	56.57	11.59	0.10
34003018200	0.14	0.40	28.56	14.27	0.13
34003051400	0.50	0.37	58.23	12.51	0.26
34017014600	0.12	0.10	6.52	2.77	0.17
34017019500	0.31	0.19	11.48	4.89	0.41

Table D.3: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	18.29	38.15	12.36	0.18
34003023100	0.00	27.36	17.85	16.14	0.88
34003023300	0.00	25.51	25.75	11.37	0.63
34003023200	0.00	29.27	22.80	13.30	0.60
34003033200	0.00	22.61	29.63	14.15	0.36
34003033300	0.00	23.41	27.56	11.90	0.53
34003054400	0.00	23.93	18.89	10.03	0.73
34003052200	0.00	20.98	29.38	11.50	0.08
34003023500	0.00	31.00	22.51	13.69	0.84
34003030100	0.00	17.06	43.66	8.79	0.25
34003054500	0.00	21.21	19.24	9.23	0.39
34003023401	0.00	28.24	26.93	11.64	0.65
34003030300	0.00	29.90	26.19	12.38	0.11
34003030200	0.00	30.16	25.42	12.42	0.10
34003023402	0.00	20.25	42.97	9.63	0.73
34003021400	0.00	24.28	24.05	10.18	0.10
34003004000	0.00	22.94	22.67	9.34	0.58
34003054600	0.00	13.90	38.17	5.63	0.38
34003021300	0.00	22.14	21.92	9.52	0.10
34003023600	0.00	23.65	28.52	11.99	1.37
34003030400	0.00	25.47	28.46	9.57	0.17
34031175200	0.00	8.25	11.49	3.72	0.12
34003028001	0.00	13.38	30.87	5.43	0.27
34003025100	0.00	21.05	27.20	9.75	0.48
34003021500	0.00	25.84	21.23	11.87	0.14
34003021600	0.00	23.50	19.75	10.52	0.12
34003036100	0.00	21.61	29.59	15.20	2.10

Table D.4: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	26.11	29.65	10.77	0.26
34003046200	0.00	16.77	35.40	6.95	0.65
34003060000	0.00	20.50	36.19	11.04	0.51
34003046100	0.00	11.23	38.48	4.92	0.45
34031175900	0.00	7.24	10.20	3.18	0.13
34003057101	0.00	23.36	22.87	9.99	0.27
34003046300	0.00	16.81	36.56	7.59	0.50
34003057200	0.00	17.14	24.84	7.81	0.19
34003029100	0.00	22.12	21.23	9.99	1.29
34031175700	0.00	4.21	6.96	2.01	0.12
34003029200	0.00	20.46	18.60	10.24	1.14
34003041100	0.00	17.75	26.23	8.05	0.22
34003057102	0.00	18.83	44.73	9.56	0.16
34003012000	0.00	14.81	47.17	8.45	0.08
34003036200	0.00	23.01	14.19	15.80	3.65
34003005000	0.00	14.86	47.75	8.69	0.12
34003041300	0.00	17.52	25.27	6.44	0.15
34003045200	0.00	10.46	45.25	6.93	0.11
34003051100	0.00	15.47	37.38	5.88	0.09
34003045100	0.00	19.56	38.00	8.90	0.07
34003051300	0.00	17.77	45.14	9.25	0.18
34003051200	0.00	14.27	41.79	5.54	0.13
34003018200	0.00	13.81	19.16	5.97	0.16
34003051400	0.00	12.16	44.54	6.48	0.35
34017014600	0.00	2.99	4.46	1.28	0.21
34017019500	0.00	5.09	7.85	2.31	0.49

Table D.5: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.04	1.63	41.48	15.99	0.05
34003023100	0.08	2.14	22.36	23.10	0.27
34003023300	0.05	1.80	31.24	15.00	0.19
34003023200	0.05	2.17	28.90	17.74	0.19
34003033200	0.04	1.70	33.97	19.13	0.10
34003033300	0.05	1.83	32.94	14.84	0.15
34003054400	0.06	1.96	23.23	13.26	0.23
34003052200	0.04	2.75	33.64	14.55	0.02
34003023500	0.05	1.94	30.18	19.23	0.29
34003030100	0.04	2.08	48.96	10.96	0.07
34003054500	0.04	1.33	23.79	12.18	0.12
34003023401	0.05	1.58	35.25	14.27	0.21
34003030300	0.05	3.30	34.60	15.93	0.04
34003030200	0.04	3.33	33.68	15.96	0.03
34003023402	0.04	2.13	50.70	12.32	0.22
34003021400	0.05	1.33	30.53	12.40	0.03
34003004000	0.06	1.40	28.63	12.52	0.18
34003054600	0.02	0.99	44.12	7.21	0.11
34003021300	0.04	1.30	27.98	11.34	0.03
34003023600	0.26	1.70	35.87	16.85	0.44
34003030400	0.06	2.32	36.50	11.84	0.06
34031175200	0.04	0.78	16.83	5.86	0.04
34003028001	0.02	0.88	37.52	7.13	0.08
34003025100	0.07	4.03	32.28	12.61	0.15
34003021500	0.04	2.20	27.89	15.62	0.05
34003021600	0.04	2.40	26.14	12.82	0.04
34003036100	0.04	1.47	36.19	22.42	0.67

Table D.6: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.06	4.30	37.58	14.10	0.09
34003046200	0.03	1.74	42.59	8.30	0.20
34003060000	0.05	1.97	43.93	15.34	0.16
34003046100	0.03	0.75	44.56	6.44	0.13
34031175900	0.03	0.70	14.93	4.99	0.05
34003057101	0.05	1.25	30.10	12.70	0.09
34003046300	0.03	1.56	44.49	9.56	0.16
34003057200	0.04	1.96	31.54	9.28	0.06
34003029100	0.04	3.54	26.98	13.42	0.42
34031175700	0.03	0.36	9.21	3.10	0.04
34003029200	0.04	1.59	24.16	14.96	0.37
34003041100	0.02	1.62	34.02	10.76	0.07
34003057102	0.03	1.54	54.21	13.20	0.05
34003012000	0.05	1.31	55.09	11.54	0.02
34003036200	0.05	2.28	19.34	24.52	1.28
34003005000	0.05	1.34	55.21	11.80	0.04
34003041300	0.02	1.71	32.97	8.25	0.05
34003045200	0.02	0.79	52.04	9.50	0.03
34003051100	0.05	1.36	45.60	7.85	0.03
34003045100	0.01	1.32	48.76	13.23	0.02
34003051300	0.06	1.47	55.41	12.47	0.06
34003051200	0.06	0.90	50.71	7.72	0.04
34003018200	0.02	1.20	26.07	8.53	0.05
34003051400	0.14	1.15	52.87	9.04	0.11
34017014600	0.02	0.28	6.83	2.30	0.07
34017019500	0.04	0.47	11.27	3.86	0.17

Table D.7: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.05	61.23	25.61	0.06
34003023100	0.00	0.11	27.10	49.86	0.48
34003023300	0.00	0.08	47.21	29.04	0.35
34003023200	0.00	0.10	42.55	35.84	0.31
34003033200	0.00	0.13	46.92	35.92	0.15
34003033300	0.00	0.14	49.06	28.11	0.29
34003054400	0.00	0.12	35.87	28.88	0.47
34003052200	0.00	0.11	51.00	28.18	0.04
34003023500	0.00	0.11	42.81	36.84	0.52
34003030100	0.00	0.16	71.78	15.52	0.12
34003054500	0.00	0.10	36.28	26.37	0.24
34003023401	0.00	0.09	53.99	25.05	0.40
34003030300	0.00	0.19	50.61	29.78	0.08
34003030200	0.00	0.19	49.63	30.13	0.06
34003023402	0.00	0.06	71.99	17.12	0.32
34003021400	0.00	0.12	46.37	24.19	0.06
34003004000	0.00	0.11	46.57	23.24	0.39
34003054600	0.00	0.05	69.13	9.54	0.16
34003021300	0.00	0.14	42.62	22.05	0.06
34003023600	0.00	0.19	52.51	28.28	0.85
34003030400	0.00	0.12	55.01	20.92	0.13
34031175200	0.00	0.05	17.08	7.67	0.08
34003028001	0.00	0.09	57.59	10.04	0.11
34003025100	0.00	0.17	49.51	24.26	0.46
34003021500	0.00	0.12	38.75	32.12	0.10
34003021600	0.00	0.18	38.16	24.48	0.08
34003036100	0.00	0.32	47.99	36.03	1.40

Table D.8: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.16	54.33	25.46	0.21
34003046200	0.00	0.07	67.02	11.25	0.34
34003060000	0.00	0.23	60.78	24.14	0.32
34003046100	0.00	0.09	68.45	7.83	0.21
34031175900	0.00	0.03	13.04	5.34	0.07
34003057101	0.00	0.24	43.88	24.66	0.21
34003046300	0.00	0.10	66.28	13.30	0.26
34003057200	0.00	0.05	49.16	14.59	0.11
34003029100	0.00	0.17	41.30	25.68	1.12
34031175700	0.00	0.02	6.30	2.60	0.05
34003029200	0.00	0.38	33.44	29.33	1.11
34003041100	0.00	0.27	46.97	17.76	0.11
34003057102	0.00	0.18	70.34	18.00	0.07
34003012000	0.00	0.16	72.70	15.57	0.03
34003036200	0.00	0.68	20.33	48.41	3.69
34003005000	0.00	0.16	73.00	15.96	0.06
34003041300	0.00	0.14	47.02	12.23	0.07
34003045200	0.00	0.25	68.39	12.74	0.04
34003051100	0.00	0.10	67.09	10.76	0.04
34003045100	0.00	0.22	62.36	18.17	0.02
34003051300	0.00	0.16	71.93	16.77	0.07
34003051200	0.00	0.09	72.27	9.91	0.05
34003018200	0.00	0.11	34.97	13.95	0.08
34003051400	0.00	0.14	73.05	11.88	0.12
34017014600	0.00	0.02	3.74	1.76	0.08
34017019500	0.00	0.05	9.31	4.45	0.27

Table D.9: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.13	8.34	44.20	21.11	0.10
34003023100	0.17	13.76	22.86	27.39	0.51
34003023300	0.16	12.48	33.15	19.15	0.37
34003023200	0.14	15.33	29.78	21.12	0.36
34003033200	0.15	10.56	35.59	24.58	0.20
34003033300	0.18	11.54	35.29	19.01	0.31
34003054400	0.16	12.13	25.07	16.73	0.44
34003052200	0.17	10.86	36.96	18.76	0.05
34003023500	0.14	16.52	29.97	21.62	0.52
34003030100	0.17	8.41	52.13	13.56	0.14
34003054500	0.11	10.48	25.46	15.05	0.24
34003023401	0.17	14.85	36.16	16.74	0.40
34003030300	0.21	17.08	35.19	17.99	0.07
34003030200	0.21	17.36	34.32	18.03	0.06
34003023402	0.12	10.18	51.80	14.34	0.41
34003021400	0.23	13.02	32.96	15.09	0.06
34003004000	0.13	11.60	29.82	14.89	0.35
34003054600	0.07	6.35	46.36	8.81	0.22
34003021300	0.20	12.12	30.27	13.72	0.06
34003023600	0.47	11.91	36.02	19.20	0.80
34003030400	0.25	13.67	38.42	13.98	0.11
34031175200	0.18	4.23	16.68	6.75	0.08
34003028001	0.06	6.31	38.87	8.51	0.16
34003025100	0.25	11.71	34.96	15.52	0.29
34003021500	0.27	14.43	29.14	18.19	0.09
34003021600	0.21	13.89	27.24	14.64	0.08
34003036100	0.11	11.86	34.98	24.45	1.19

Table D.10: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.23	14.59	38.74	16.24	0.16
34003046200	0.09	8.38	44.02	9.74	0.38
34003060000	0.30	10.95	44.28	17.54	0.30
34003046100	0.07	5.10	46.15	7.77	0.25
34031175900	0.19	3.58	14.30	5.53	0.08
34003057101	0.50	12.65	31.62	14.80	0.18
34003046300	0.07	8.46	44.63	10.94	0.29
34003057200	0.26	9.66	32.96	10.76	0.12
34003029100	0.12	12.23	27.73	15.42	0.79
34031175700	0.09	1.99	9.34	3.67	0.07
34003029200	0.12	10.47	24.57	17.26	0.69
34003041100	0.06	9.05	33.58	11.99	0.13
34003057102	0.49	9.82	53.18	14.60	0.09
34003012000	0.42	7.56	55.59	13.24	0.05
34003036200	0.13	13.39	18.62	26.69	2.25
34003005000	0.32	7.61	55.97	13.60	0.07
34003041300	0.05	9.23	32.37	8.85	0.09
34003045200	0.04	5.38	50.95	10.65	0.06
34003051100	1.19	7.91	46.82	9.14	0.05
34003045100	0.03	10.33	44.92	13.69	0.04
34003051300	0.52	9.32	54.36	13.81	0.10
34003051200	0.34	7.06	52.08	9.10	0.07
34003018200	0.05	7.18	24.97	9.09	0.09
34003051400	0.76	6.09	53.99	10.76	0.20
34017014600	0.04	1.44	6.28	2.40	0.13
34017019500	0.12	2.56	11.45	4.47	0.32

Table D.11: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.76	1.01	42.55	14.78	0.12
34003023100	1.04	1.57	22.35	22.85	0.65
34003023300	1.05	1.49	30.90	15.93	0.45
34003023200	1.00	1.81	28.35	20.03	0.44
34003033200	0.93	1.37	34.55	17.75	0.24
34003033300	1.03	1.45	32.16	16.40	0.36
34003054400	1.01	1.47	22.94	14.45	0.53
34003052200	0.78	1.23	33.71	15.07	0.06
34003023500	0.98	1.82	29.22	21.70	0.66
34003030100	0.84	1.02	49.22	11.54	0.17
34003054500	0.84	1.30	23.39	13.42	0.28
34003023401	0.98	1.68	33.33	18.47	0.47
34003030300	0.92	1.99	33.11	20.27	0.09
34003030200	0.81	2.01	32.19	20.48	0.07
34003023402	0.77	1.11	50.74	13.49	0.51
34003021400	0.78	1.50	28.82	15.63	0.07
34003004000	0.83	1.38	28.22	13.96	0.43
34003054600	0.56	0.80	44.40	7.74	0.26
34003021300	0.62	1.45	26.25	14.72	0.07
34003023600	0.87	1.50	35.54	17.52	1.01
34003030400	1.15	1.71	34.82	15.01	0.13
34031175200	0.50	0.58	14.94	5.72	0.09
34003028001	0.54	0.81	37.42	7.83	0.19
34003025100	1.45	1.27	32.27	13.84	0.35
34003021500	0.71	1.66	26.46	18.53	0.11
34003021600	0.57	1.54	24.44	17.31	0.09
34003036100	0.85	1.47	36.53	21.25	1.57

Table D.12: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	1.18	1.63	37.06	16.75	0.20
34003046200	0.58	1.02	42.28	10.27	0.46
34003060000	1.12	1.31	43.57	15.61	0.38
34003046100	0.56	0.70	44.69	6.81	0.31
34031175900	0.44	0.51	13.43	4.98	0.10
34003057101	0.95	1.49	28.20	15.52	0.21
34003046300	0.51	1.07	44.19	11.29	0.36
34003057200	0.51	1.07	30.10	12.43	0.14
34003029100	0.77	1.32	26.76	15.64	0.98
34031175700	0.39	0.29	8.35	2.75	0.09
34003029200	0.94	1.41	23.53	15.19	0.87
34003041100	0.52	1.22	33.33	12.37	0.16
34003057102	0.40	1.18	53.92	13.53	0.12
34003012000	0.84	0.93	54.66	11.31	0.06
34003036200	1.23	1.83	18.51	23.29	2.99
34003005000	1.10	0.92	54.84	11.49	0.09
34003041300	0.47	1.14	32.24	10.72	0.11
34003045200	0.32	0.76	52.98	9.11	0.08
34003051100	0.52	0.94	44.74	8.37	0.06
34003045100	0.29	1.11	49.34	13.45	0.05
34003051300	0.95	1.15	54.04	13.23	0.13
34003051200	0.71	0.85	49.57	7.79	0.09
34003018200	0.42	0.90	24.88	9.45	0.12
34003051400	1.70	0.76	51.37	8.61	0.23
34017014600	0.36	0.22	5.86	1.94	0.16
34017019500	0.93	0.36	9.82	3.28	0.36

Table D.13: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.01	1.51	41.27	37.15	0.00
34003023100	0.37	1.58	21.95	49.97	0.01
34003023300	0.03	1.69	33.87	36.67	0.01
34003023200	0.12	1.99	30.63	40.78	0.01
34003033200	0.01	1.39	33.42	43.40	0.00
34003033300	0.03	1.69	35.46	35.90	0.01
34003054400	0.33	2.06	26.82	33.89	0.01
34003052200	0.02	1.33	36.23	35.06	0.00
34003023500	0.09	1.40	31.02	42.23	0.01
34003030100	0.04	1.49	51.65	25.93	0.00
34003054500	0.18	1.19	27.72	31.23	0.01
34003023401	0.06	1.13	38.57	33.44	0.01
34003030300	0.03	2.98	36.47	35.18	0.00
34003030200	0.02	2.99	35.65	35.28	0.00
34003023402	0.08	2.02	51.70	27.58	0.01
34003021400	0.02	0.83	34.75	30.06	0.00
34003004000	0.30	1.14	32.23	30.84	0.01
34003054600	0.06	0.96	49.69	18.44	0.01
34003021300	0.02	0.72	32.23	27.60	0.00
34003023600	2.57	1.19	35.41	36.46	0.02
34003030400	0.02	2.19	40.46	28.05	0.00
34031175200	0.01	0.59	18.30	14.33	0.00
34003028001	0.02	0.76	42.91	18.50	0.00
34003025100	0.09	3.06	35.47	30.37	0.01
34003021500	0.01	1.95	29.85	35.31	0.00
34003021600	0.01	1.59	29.04	29.60	0.00
34003036100	0.13	0.64	33.19	45.14	0.03

Table D.14: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.04	3.25	39.46	31.82	0.00
34003046200	0.16	1.95	47.03	20.21	0.01
34003060000	0.04	1.33	43.16	33.40	0.01
34003046100	0.08	0.63	49.44	16.57	0.01
34031175900	0.01	0.57	15.39	11.54	0.00
34003057101	0.02	0.83	33.39	29.84	0.01
34003046300	0.10	1.54	46.84	22.52	0.01
34003057200	0.01	2.19	34.46	21.56	0.00
34003029100	0.19	4.04	29.00	31.06	0.02
34031175700	0.01	0.29	10.19	7.87	0.00
34003029200	0.12	0.95	25.53	34.82	0.02
34003041100	0.03	1.28	36.44	25.28	0.00
34003057102	0.01	1.00	52.30	28.20	0.00
34003012000	0.02	0.82	54.24	25.58	0.00
34003036200	0.06	0.51	18.24	50.25	0.08
34003005000	0.03	0.83	54.40	26.14	0.00
34003041300	0.02	1.19	36.64	19.38	0.00
34003045200	0.02	0.51	52.22	21.58	0.00
34003051100	0.02	1.35	48.54	18.74	0.00
34003045100	0.02	0.91	46.71	27.90	0.00
34003051300	0.02	0.99	53.66	26.83	0.00
34003051200	0.02	0.70	53.06	18.61	0.00
34003018200	0.03	1.16	28.82	20.40	0.00
34003051400	0.02	0.96	53.64	21.42	0.01
34017014600	0.02	0.20	7.33	5.60	0.00
34017019500	0.03	0.31	12.57	9.74	0.01

Table D.15: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.33	33.05	23.87	4.44	1.33
34003023100	0.32	32.18	10.57	5.60	6.28
34003023300	0.34	43.58	12.73	2.98	3.77
34003023200	0.26	49.28	10.63	3.31	3.41
34003033200	0.37	37.03	17.32	4.83	2.49
34003033300	0.40	41.73	14.32	3.18	3.27
34003054400	0.24	37.07	9.20	2.60	4.33
34003052200	0.38	35.57	17.73	3.82	0.61
34003023500	0.27	50.53	10.58	3.45	4.91
34003030100	0.44	32.38	27.33	2.94	1.88
34003054500	0.19	33.02	9.76	2.46	2.40
34003023401	0.32	50.85	12.57	2.54	3.67
34003030300	0.34	57.36	11.93	2.77	0.67
34003030200	0.31	57.84	11.47	2.75	0.55
34003023402	0.33	35.86	25.65	3.06	5.24
34003021400	0.36	47.89	11.75	2.37	0.58
34003004000	0.21	36.11	11.67	2.53	3.63
34003054600	0.15	25.15	21.97	1.65	2.61
34003021300	0.31	44.49	10.62	2.17	0.60
34003023600	0.26	34.28	15.86	3.70	9.22
34003030400	0.46	51.20	13.56	2.15	1.03
34031175200	0.25	12.42	5.33	0.88	0.68
34003028001	0.14	22.31	17.20	1.51	1.79
34003025100	0.61	35.93	15.11	2.92	3.42
34003021500	0.39	47.54	10.67	3.05	0.89
34003021600	0.29	48.23	8.92	2.21	0.69
34003036100	0.27	22.13	18.70	5.77	16.48

Table D.16: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.55	47.17	15.74	2.94	1.75
34003046200	0.16	32.65	19.05	1.78	4.22
34003060000	0.79	33.79	22.96	3.88	4.08
34003046100	0.18	20.76	22.88	1.45	3.19
34031175900	0.29	12.84	5.70	0.90	0.89
34003057101	0.56	42.95	11.97	2.57	1.81
34003046300	0.16	33.15	20.37	2.05	3.41
34003057200	0.36	36.93	12.94	1.86	1.23
34003029100	0.20	36.22	10.45	2.58	7.98
34031175700	0.13	6.77	3.97	0.61	0.83
34003029200	0.28	27.04	10.60	3.23	8.04
34003041100	0.14	29.94	14.36	2.25	1.44
34003057102	0.43	35.01	29.51	3.47	1.31
34003012000	0.82	25.19	34.34	3.40	0.72
34003036200	0.30	20.07	7.81	5.15	25.98
34003005000	0.97	24.60	34.97	3.55	1.11
34003041300	0.12	35.03	12.40	1.52	0.90
34003045200	0.14	15.13	30.97	2.74	0.94
34003051100	0.47	31.27	23.33	1.89	0.66
34003045100	0.10	25.29	25.59	3.43	0.55
34003051300	0.89	34.24	30.13	3.25	1.43
34003051200	0.37	29.23	27.36	1.85	1.00
34003018200	0.13	22.39	10.01	1.63	0.99
34003051400	2.83	22.18	30.64	2.35	2.82
34017014600	0.10	4.81	2.98	0.46	1.63
34017019500	0.32	7.38	5.32	0.85	3.93

Table D.17: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.02	42.18	34.64	0.12
34003023100	0.00	0.04	20.39	49.79	0.64
34003023300	0.00	0.03	31.44	37.66	0.49
34003023200	0.00	0.03	27.24	44.55	0.46
34003033200	0.00	0.04	33.41	41.00	0.25
34003033300	0.00	0.04	32.38	38.16	0.39
34003054400	0.00	0.04	24.06	35.26	0.60
34003052200	0.00	0.04	34.14	35.78	0.06
34003023500	0.00	0.04	26.94	46.38	0.65
34003030100	0.00	0.07	49.93	26.98	0.18
34003054500	0.00	0.03	24.45	32.61	0.32
34003023401	0.00	0.03	32.40	40.55	0.49
34003030300	0.00	0.06	31.12	43.18	0.09
34003030200	0.00	0.06	30.22	43.55	0.07
34003023402	0.00	0.03	49.34	30.14	0.53
34003021400	0.00	0.04	29.23	35.95	0.07
34003004000	0.00	0.03	28.86	32.84	0.47
34003054600	0.00	0.02	47.16	18.72	0.29
34003021300	0.00	0.05	26.62	33.79	0.08
34003023600	0.00	0.06	33.60	38.41	1.03
34003030400	0.00	0.04	35.16	34.26	0.14
34031175200	0.00	0.02	14.33	12.74	0.10
34003028001	0.00	0.03	39.51	18.79	0.22
34003025100	0.00	0.05	32.87	32.74	0.39
34003021500	0.00	0.04	25.29	40.75	0.11
34003021600	0.00	0.05	23.43	37.26	0.09
34003036100	0.00	0.08	32.10	43.77	1.47

Table D.18: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.05	35.69	36.96	0.21
34003046200	0.00	0.03	43.35	23.59	0.50
34003060000	0.00	0.06	41.37	34.11	0.38
34003046100	0.00	0.02	47.08	16.16	0.34
34031175900	0.00	0.01	12.36	10.60	0.10
34003057101	0.00	0.06	28.00	35.18	0.22
34003046300	0.00	0.03	43.70	25.01	0.38
34003057200	0.00	0.02	29.92	27.24	0.15
34003029100	0.00	0.04	26.04	34.82	1.04
34031175700	0.00	0.01	8.62	6.62	0.10
34003029200	0.00	0.08	22.90	34.51	0.92
34003041100	0.00	0.06	32.48	27.59	0.17
34003057102	0.00	0.07	50.49	29.07	0.12
34003012000	0.00	0.06	52.96	25.19	0.06
34003036200	0.00	0.11	16.00	48.04	2.84
34003005000	0.00	0.06	53.29	25.72	0.09
34003041300	0.00	0.05	31.77	23.79	0.12
34003045200	0.00	0.08	51.35	20.27	0.08
34003051100	0.00	0.04	45.97	19.53	0.07
34003045100	0.00	0.07	45.05	28.12	0.05
34003051300	0.00	0.05	50.97	28.37	0.13
34003051200	0.00	0.03	50.83	18.06	0.10
34003018200	0.00	0.04	24.66	21.55	0.13
34003051400	0.00	0.04	52.12	19.89	0.25
34017014600	0.00	0.01	5.74	4.44	0.17
34017019500	0.00	0.02	10.26	8.06	0.41

Table D.19: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	1.90	77.49	9.10	0.05
34003023100	0.00	8.69	45.70	21.17	0.49
34003023300	0.00	2.35	65.09	11.45	0.29
34003023200	0.00	4.35	61.78	13.99	0.27
34003033200	0.00	3.55	66.39	13.96	0.13
34003033300	0.00	2.66	66.19	10.83	0.24
34003054400	0.00	3.40	52.73	11.91	0.42
34003052200	0.00	3.43	66.78	9.60	0.03
34003023500	0.00	5.35	61.92	13.85	0.46
34003030100	0.00	2.18	83.21	4.69	0.08
34003054500	0.00	3.52	53.07	10.24	0.21
34003023401	0.00	2.66	70.22	9.29	0.31
34003030300	0.00	4.44	66.92	10.33	0.06
34003030200	0.00	4.53	65.57	10.44	0.05
34003023402	0.00	2.19	84.41	5.09	0.23
34003021400	0.00	3.05	59.36	8.38	0.04
34003004000	0.00	3.13	63.17	8.38	0.32
34003054600	0.00	1.02	80.79	3.13	0.12
34003021300	0.00	2.86	52.69	7.45	0.05
34003023600	0.00	4.26	70.05	9.47	0.68
34003030400	0.00	2.60	69.12	7.20	0.10
34031175200	0.00	0.82	20.57	2.59	0.06
34003028001	0.00	1.29	71.84	3.69	0.08
34003025100	0.00	3.69	64.93	8.20	0.36
34003021500	0.00	4.84	53.10	11.22	0.08
34003021600	0.00	3.51	48.34	8.63	0.06
34003036100	0.00	5.60	67.96	11.93	1.19

Table D.20: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	3.78	69.84	8.47	0.16
34003046200	0.00	1.33	78.86	3.84	0.24
34003060000	0.00	3.31	75.83	7.72	0.24
34003046100	0.00	0.86	79.03	2.87	0.15
34031175900	0.00	0.59	15.63	1.78	0.05
34003057101	0.00	3.92	56.67	8.39	0.16
34003046300	0.00	1.63	78.14	4.73	0.19
34003057200	0.00	1.74	57.83	4.76	0.07
34003029100	0.00	4.15	56.95	9.26	0.93
34031175700	0.00	0.21	6.83	0.79	0.03
34003029200	0.00	5.28	48.12	10.94	0.96
34003041100	0.00	2.93	62.14	6.40	0.09
34003057102	0.00	2.61	81.54	5.41	0.05
34003012000	0.00	2.15	83.20	4.71	0.02
34003036200	0.00	9.57	35.07	19.59	3.84
34003005000	0.00	2.20	84.01	4.80	0.04
34003041300	0.00	2.32	60.44	4.18	0.05
34003045200	0.00	2.00	80.02	3.97	0.03
34003051100	0.00	1.52	75.07	3.42	0.03
34003045100	0.00	2.88	76.43	5.63	0.02
34003051300	0.00	2.29	82.85	5.21	0.05
34003051200	0.00	1.33	79.84	3.41	0.03
34003018200	0.00	2.40	48.30	4.94	0.07
34003051400	0.00	1.39	81.93	4.17	0.08
34017014600	0.00	0.18	4.47	0.57	0.06
34017019500	0.00	0.52	11.30	1.43	0.20

Table D.21: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.74	10.86	47.30	13.45	0.07
34003023100	1.15	17.81	25.22	18.04	0.37
34003023300	1.04	15.93	35.06	12.16	0.26
34003023200	0.94	20.07	31.42	13.37	0.25
34003033200	0.89	13.71	38.67	15.90	0.14
34003033300	1.07	14.79	37.24	12.04	0.21
34003054400	1.17	15.35	26.50	10.72	0.31
34003052200	0.84	13.12	39.03	11.79	0.03
34003023500	1.06	21.64	31.51	13.62	0.36
34003030100	0.88	10.41	54.11	8.41	0.10
34003054500	0.85	13.23	27.03	9.65	0.16
34003023401	1.05	19.07	37.31	10.42	0.27
34003030300	0.88	23.21	35.37	10.91	0.05
34003030200	0.77	23.62	34.43	10.90	0.04
34003023402	0.86	12.35	54.12	8.93	0.28
34003021400	0.88	17.29	33.23	9.19	0.04
34003004000	1.13	14.39	31.45	9.45	0.24
34003054600	0.53	8.06	48.25	5.59	0.15
34003021300	0.78	16.09	30.23	8.28	0.04
34003023600	1.83	14.23	38.61	12.29	0.57
34003030400	1.10	18.60	38.40	8.48	0.07
34031175200	0.53	5.37	16.48	4.05	0.05
34003028001	0.45	7.85	40.63	5.52	0.11
34003025100	1.65	14.37	36.22	9.66	0.20
34003021500	0.85	19.53	29.56	11.09	0.06
34003021600	0.66	18.91	27.05	8.93	0.05
34003036100	2.26	12.27	39.06	16.10	0.88

Table D.22: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	1.02	18.21	39.92	10.10	0.11
34003046200	0.73	10.97	45.40	6.14	0.26
34003060000	1.25	12.25	46.98	11.26	0.21
34003046100	0.65	6.43	47.91	5.09	0.17
34031175900	0.48	4.76	14.84	3.49	0.06
34003057101	1.24	16.05	32.22	9.12	0.12
34003046300	0.69	10.92	46.19	7.09	0.20
34003057200	0.59	13.15	33.01	6.57	0.08
34003029100	1.28	16.14	28.84	9.72	0.54
34031175700	0.43	2.38	9.22	2.20	0.05
34003029200	2.35	11.91	26.21	11.16	0.49
34003041100	0.48	11.47	35.30	7.71	0.09
34003057102	0.52	11.30	55.77	9.32	0.06
34003012000	1.08	8.17	58.06	8.48	0.03
34003036200	5.66	13.73	20.42	17.33	1.64
34003005000	1.18	8.13	58.63	8.70	0.05
34003041300	0.40	12.54	33.17	5.53	0.06
34003045200	0.35	5.89	54.03	6.86	0.04
34003051100	0.82	9.46	47.77	5.80	0.03
34003045100	0.27	9.92	48.92	8.96	0.03
34003051300	1.07	10.73	56.53	8.84	0.07
34003051200	0.96	8.31	52.74	5.91	0.05
34003018200	0.55	9.03	26.32	5.78	0.07
34003051400	1.33	7.05	55.64	7.07	0.13
34017014600	0.46	1.75	6.67	1.56	0.09
34017019500	1.84	2.88	11.73	2.78	0.21

Table D.23: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.23	10.19	41.29	20.27	0.11
34003023100	0.42	17.85	19.93	24.72	0.54
34003023300	0.38	13.23	30.41	18.16	0.41
34003023200	0.34	16.93	26.97	19.73	0.40
34003033200	0.29	13.02	32.56	23.20	0.22
34003033300	0.38	12.54	32.51	18.06	0.34
34003054400	0.46	12.89	22.27	15.52	0.48
34003052200	0.28	12.30	34.41	17.82	0.05
34003023500	0.39	19.06	26.98	19.95	0.57
34003030100	0.32	9.50	49.32	13.01	0.16
34003054500	0.38	10.61	22.62	13.92	0.26
34003023401	0.39	16.03	33.28	15.83	0.45
34003030300	0.34	21.42	31.44	16.52	0.08
34003030200	0.32	21.82	30.64	16.52	0.07
34003023402	0.30	10.86	49.24	13.77	0.47
34003021400	0.35	15.26	30.05	14.13	0.07
34003004000	0.40	12.33	26.85	13.74	0.39
34003054600	0.34	6.71	42.53	8.38	0.24
34003021300	0.30	14.32	27.49	12.78	0.07
34003023600	1.03	12.25	33.42	18.11	0.90
34003030400	0.43	16.37	34.91	13.10	0.12
34031175200	0.26	4.69	14.62	6.10	0.08
34003028001	0.45	6.48	34.64	8.06	0.17
34003025100	0.62	13.08	32.01	14.55	0.33
34003021500	0.39	18.78	25.84	16.58	0.10
34003021600	0.31	17.35	24.23	13.68	0.08
34003036100	1.27	10.84	33.12	23.33	1.37

Table D.24: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BERGEN County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.43	16.41	35.74	15.42	0.18
34003046200	0.36	9.22	40.32	9.27	0.42
34003060000	0.55	10.59	42.23	17.42	0.35
34003046100	0.30	5.41	42.27	7.74	0.28
34031175900	0.28	4.18	13.22	5.27	0.09
34003057101	0.76	14.32	28.91	13.94	0.20
34003046300	0.29	9.15	41.02	10.88	0.32
34003057200	0.38	11.98	30.21	10.19	0.13
34003029100	0.48	14.35	24.57	14.17	0.86
34031175700	0.14	2.16	8.63	3.48	0.08
34003029200	0.71	10.24	22.25	16.34	0.77
34003041100	0.25	9.88	29.90	11.23	0.14
34003057102	0.76	10.03	51.04	14.67	0.11
34003012000	0.69	7.23	53.54	13.47	0.05
34003036200	1.24	12.83	17.00	24.98	2.54
34003005000	0.56	7.19	53.96	13.76	0.08
34003041300	0.21	10.29	28.64	8.09	0.10
34003045200	0.15	5.45	47.48	10.40	0.07
34003051100	1.83	8.22	44.24	9.19	0.06
34003045100	0.11	8.48	42.69	13.44	0.04
34003051300	0.81	9.60	51.98	14.04	0.12
34003051200	0.53	7.23	49.51	9.64	0.08
34003018200	0.16	7.44	21.81	8.16	0.10
34003051400	1.09	6.32	51.09	11.37	0.22
34017014600	0.14	1.42	5.61	2.20	0.14
34017019500	0.45	2.47	10.30	4.10	0.35

Table D.25: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.09	0.02	3.16	0.54
34003023100	0.13	0.04	6.39	1.14
34003023300	0.12	0.04	5.55	0.98
34003023200	0.11	0.03	5.36	0.97
34003033200	0.10	0.03	4.22	0.72
34003033300	0.12	0.03	5.00	0.85
34003054400	0.17	0.05	8.42	1.55
34003052200	0.11	0.02	3.44	0.59
34003023500	0.12	0.03	5.37	0.92
34003030100	0.09	0.02	3.51	0.57
34003054500	0.18	0.06	9.20	1.74
34003023401	0.11	0.03	4.84	0.81
34003030300	0.11	0.02	3.60	0.59
34003030200	0.11	0.02	3.33	0.56
34003023402	0.09	0.02	3.68	0.60
34003021400	0.13	0.02	3.57	0.62
34003004000	0.17	0.05	8.77	1.56
34003054600	0.14	0.05	7.23	1.37
34003021300	0.12	0.02	3.05	0.56
34003023600	0.13	0.04	6.12	1.02
34003030400	0.13	0.03	4.42	0.72
34031175200	0.11	0.02	2.48	0.50
34003028001	0.16	0.05	7.42	1.73
34003025100	0.16	0.04	6.11	0.96
34003021500	0.13	0.02	3.34	0.59
34003021600	0.11	0.02	2.75	0.52
34003036100	0.12	0.03	5.54	0.87

Table D.26: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.13	0.03	4.34	0.69
34003046200	0.14	0.05	7.63	1.35
34003060000	0.12	0.02	3.61	0.58
34003046100	0.15	0.05	8.19	1.53
34031175900	0.10	0.02	2.15	0.43
34003057101	0.15	0.03	3.63	0.66
34003046300	0.14	0.04	7.69	1.32
34003057200	0.12	0.02	2.61	0.51
34003029100	0.19	0.06	9.74	1.58
34031175700	0.10	0.02	2.19	0.43
34003029200	0.22	0.06	11.32	1.73
34003041100	0.16	0.05	7.49	1.77
34003057102	0.08	0.01	1.72	0.33
34003012000	0.10	0.02	2.21	0.42
34003036200	0.20	0.05	9.63	1.39
34003005000	0.11	0.02	2.70	0.47
34003041300	0.15	0.05	6.89	1.89
34003045200	0.12	0.04	5.70	1.40
34003051100	0.12	0.02	2.77	0.52
34003045100	0.10	0.04	4.82	1.48
34003051300	0.10	0.02	2.27	0.42
34003051200	0.13	0.02	2.90	0.54
34003018200	0.19	0.09	10.67	4.02
34003051400	0.16	0.02	3.57	0.65
34017014600	0.20	0.26	47.10	11.11
34017019500	0.40	0.19	39.05	8.12

Table D.27: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.86	2.28	0.20
34003023100	0.00	1.60	4.00	0.36
34003023300	0.00	1.39	3.55	0.32
34003023200	0.00	1.35	3.37	0.30
34003033200	0.00	1.09	2.85	0.25
34003033300	0.00	1.27	3.35	0.29
34003054400	0.00	2.11	5.15	0.47
34003052200	0.00	0.86	2.35	0.21
34003023500	0.00	1.28	3.35	0.29
34003030100	0.00	0.94	2.60	0.22
34003054500	0.00	2.40	5.74	0.54
34003023401	0.00	1.19	3.16	0.27
34003030300	0.00	0.83	2.34	0.20
34003030200	0.00	0.76	2.15	0.19
34003023402	0.00	0.99	2.68	0.23
34003021400	0.00	0.84	2.34	0.21
34003004000	0.00	2.19	5.52	0.49
34003054600	0.00	2.14	5.15	0.48
34003021300	0.00	0.74	2.01	0.19
34003023600	0.00	1.53	4.10	0.35
34003030400	0.00	1.02	2.90	0.24
34031175200	0.00	0.61	1.61	0.16
34003028001	0.00	2.45	5.06	0.56
34003025100	0.00	1.41	4.05	0.33
34003021500	0.00	0.78	2.17	0.20
34003021600	0.00	0.67	1.82	0.18
34003036100	0.00	1.38	3.89	0.32

Table D.28: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.99	2.86	0.24
34003046200	0.00	2.11	5.38	0.48
34003060000	0.00	0.88	2.58	0.22
34003046100	0.00	2.45	5.99	0.56
34031175900	0.00	0.54	1.44	0.14
34003057101	0.00	0.85	2.38	0.22
34003046300	0.00	2.11	5.53	0.48
34003057200	0.00	0.68	1.82	0.18
34003029100	0.00	2.29	6.29	0.52
34031175700	0.00	0.58	1.58	0.16
34003029200	0.00	2.52	7.27	0.58
34003041100	0.00	2.50	5.08	0.57
34003057102	0.00	0.48	1.30	0.13
34003012000	0.00	0.62	1.72	0.17
34003036200	0.00	2.04	6.23	0.47
34003005000	0.00	0.72	2.09	0.19
34003041300	0.00	2.58	4.64	0.60
34003045200	0.00	2.27	4.44	0.52
34003051100	0.00	0.72	2.00	0.19
34003045100	0.00	2.13	3.46	0.49
34003051300	0.00	0.61	1.74	0.16
34003051200	0.00	0.75	2.14	0.20
34003018200	0.00	5.15	7.12	1.19
34003051400	0.00	0.94	2.73	0.25
34017014600	0.00	14.56	32.62	4.19
34017019500	0.00	9.61	26.45	2.82

Table D.29: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.03	2.81	0.25
34003023100	0.01	0.05	5.56	0.48
34003023300	0.01	0.05	4.85	0.42
34003023200	0.01	0.05	4.91	0.43
34003033200	0.01	0.04	3.66	0.31
34003033300	0.01	0.04	4.46	0.38
34003054400	0.01	0.06	7.10	0.61
34003052200	0.01	0.03	2.97	0.27
34003023500	0.01	0.05	5.13	0.43
34003030100	0.01	0.03	3.28	0.27
34003054500	0.01	0.07	7.85	0.69
34003023401	0.01	0.04	4.70	0.39
34003030300	0.01	0.04	3.52	0.30
34003030200	0.01	0.04	3.25	0.28
34003023402	0.01	0.03	3.60	0.30
34003021400	0.01	0.04	3.27	0.30
34003004000	0.01	0.07	7.80	0.65
34003054600	0.01	0.06	6.64	0.57
34003021300	0.01	0.04	2.82	0.27
34003023600	0.01	0.05	5.75	0.47
34003030400	0.01	0.04	4.12	0.35
34031175200	0.01	0.04	2.43	0.26
34003028001	0.01	0.07	6.81	0.66
34003025100	0.01	0.05	5.34	0.43
34003021500	0.01	0.04	3.11	0.29
34003021600	0.01	0.04	2.66	0.26
34003036100	0.01	0.05	5.39	0.43

Table D.30: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.04	4.05	0.33
34003046200	0.01	0.06	7.23	0.60
34003060000	0.01	0.04	3.47	0.29
34003046100	0.01	0.06	7.67	0.65
34031175900	0.01	0.03	2.16	0.22
34003057101	0.01	0.04	3.36	0.32
34003046300	0.01	0.06	7.52	0.61
34003057200	0.01	0.04	2.51	0.26
34003029100	0.02	0.07	8.90	0.71
34031175700	0.01	0.03	2.10	0.21
34003029200	0.02	0.08	10.16	0.78
34003041100	0.01	0.07	7.16	0.69
34003057102	0.01	0.02	1.71	0.17
34003012000	0.01	0.03	2.16	0.21
34003036200	0.02	0.07	8.96	0.67
34003005000	0.01	0.03	2.63	0.24
34003041300	0.01	0.07	6.76	0.71
34003045200	0.01	0.05	5.71	0.56
34003051100	0.01	0.03	2.60	0.25
34003045100	0.01	0.05	4.96	0.55
34003051300	0.01	0.03	2.29	0.22
34003051200	0.01	0.04	2.76	0.26
34003018200	0.02	0.11	10.11	1.21
34003051400	0.01	0.04	3.43	0.32
34017014600	0.02	0.30	44.16	5.99
34017019500	0.04	0.22	36.43	3.39

Table D.31: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	1.20	0.15
34003023100	0.00	0.01	3.01	0.38
34003023300	0.00	0.01	2.84	0.36
34003023200	0.00	0.00	2.62	0.33
34003033200	0.00	0.00	1.80	0.23
34003033300	0.00	0.00	2.61	0.32
34003054400	0.00	0.01	4.80	0.61
34003052200	0.00	0.00	1.63	0.20
34003023500	0.00	0.00	2.69	0.33
34003030100	0.00	0.00	1.42	0.17
34003054500	0.00	0.01	5.20	0.67
34003023401	0.00	0.00	2.58	0.31
34003030300	0.00	0.00	1.94	0.23
34003030200	0.00	0.00	1.80	0.21
34003023402	0.00	0.00	1.42	0.17
34003021400	0.00	0.00	2.14	0.26
34003004000	0.00	0.01	4.78	0.58
34003054600	0.00	0.01	3.19	0.40
34003021300	0.00	0.00	1.88	0.23
34003023600	0.00	0.01	2.91	0.34
34003030400	0.00	0.01	2.62	0.30
34031175200	0.00	0.00	1.58	0.20
34003028001	0.00	0.01	3.61	0.50
34003025100	0.00	0.01	3.49	0.39
34003021500	0.00	0.00	1.99	0.24
34003021600	0.00	0.00	1.71	0.21
34003036100	0.00	0.00	2.46	0.27

Table D.32: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	2.42	0.27
34003046200	0.00	0.01	3.71	0.44
34003060000	0.00	0.00	1.77	0.19
34003046100	0.00	0.01	3.93	0.47
34031175900	0.00	0.00	1.17	0.14
34003057101	0.00	0.00	2.35	0.28
34003046300	0.00	0.01	3.76	0.43
34003057200	0.00	0.00	1.54	0.19
34003029100	0.00	0.01	6.02	0.68
34031175700	0.00	0.00	1.16	0.14
34003029200	0.00	0.01	7.55	0.81
34003041100	0.00	0.01	4.08	0.56
34003057102	0.00	0.00	0.78	0.09
34003012000	0.00	0.00	1.07	0.12
34003036200	0.00	0.01	6.02	0.61
34003005000	0.00	0.00	1.26	0.14
34003041300	0.00	0.01	3.81	0.56
34003045200	0.00	0.01	2.72	0.36
34003051100	0.00	0.00	1.50	0.17
34003045100	0.00	0.00	2.39	0.35
34003051300	0.00	0.00	1.17	0.13
34003051200	0.00	0.00	1.60	0.18
34003018200	0.00	0.02	8.17	1.25
34003051400	0.00	0.00	2.07	0.22
34017014600	0.00	0.10	61.95	9.45
34017019500	0.00	0.11	51.83	6.05

Table D.33: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.33	2.88	0.27
34003023100	0.00	0.63	5.49	0.50
34003023300	0.00	0.56	4.94	0.45
34003023200	0.00	0.56	4.82	0.45
34003033200	0.00	0.41	3.69	0.34
34003033300	0.00	0.51	4.61	0.42
34003054400	0.00	0.87	7.37	0.68
34003052200	0.00	0.36	3.15	0.31
34003023500	0.00	0.54	4.87	0.44
34003030100	0.00	0.36	3.39	0.31
34003054500	0.00	0.98	8.10	0.75
34003023401	0.00	0.50	4.62	0.42
34003030300	0.00	0.37	3.43	0.32
34003030200	0.00	0.35	3.16	0.31
34003023402	0.00	0.38	3.56	0.32
34003021400	0.00	0.39	3.40	0.34
34003004000	0.00	0.89	7.85	0.71
34003054600	0.00	0.81	6.77	0.62
34003021300	0.00	0.35	2.93	0.32
34003023600	0.00	0.60	5.60	0.49
34003030400	0.00	0.44	4.19	0.39
34031175200	0.00	0.31	2.35	0.28
34003028001	0.00	0.98	6.85	0.70
34003025100	0.00	0.57	5.63	0.50
34003021500	0.00	0.36	3.13	0.33
34003021600	0.00	0.33	2.66	0.29
34003036100	0.00	0.52	5.08	0.44

Table D.34: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.42	4.04	0.37
34003046200	0.00	0.81	7.26	0.65
34003060000	0.00	0.36	3.41	0.32
34003046100	0.00	0.91	7.75	0.70
34031175900	0.00	0.26	2.02	0.23
34003057101	0.00	0.40	3.42	0.36
34003046300	0.00	0.79	7.33	0.64
34003057200	0.00	0.32	2.54	0.29
34003029100	0.00	0.92	8.88	0.77
34031175700	0.00	0.26	2.11	0.24
34003029200	0.00	1.00	10.14	0.86
34003041100	0.00	1.00	6.90	0.71
34003057102	0.00	0.20	1.63	0.18
34003012000	0.00	0.25	2.13	0.23
34003036200	0.00	0.79	8.53	0.70
34003005000	0.00	0.29	2.61	0.26
34003041300	0.00	1.06	6.45	0.71
34003045200	0.00	0.82	5.49	0.57
34003051100	0.00	0.31	2.60	0.29
34003045100	0.00	0.82	4.50	0.52
34003051300	0.00	0.26	2.20	0.24
34003051200	0.00	0.32	2.77	0.30
34003018200	0.00	2.08	9.60	1.19
34003051400	0.00	0.38	3.45	0.36
34017014600	0.00	7.31	41.81	6.21
34017019500	0.00	4.31	37.68	4.00

Table D.35: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.24	0.05	2.60	0.32
34003023100	0.36	0.09	5.15	0.65
34003023300	0.33	0.08	4.39	0.55
34003023200	0.31	0.08	4.35	0.56
34003033200	0.28	0.06	3.40	0.41
34003033300	0.33	0.07	4.01	0.48
34003054400	0.44	0.12	6.47	0.84
34003052200	0.29	0.05	2.75	0.34
34003023500	0.33	0.08	4.52	0.55
34003030100	0.27	0.05	2.99	0.35
34003054500	0.47	0.13	7.16	0.96
34003023401	0.32	0.07	4.05	0.48
34003030300	0.32	0.05	3.08	0.36
34003030200	0.31	0.05	2.84	0.34
34003023402	0.25	0.05	3.24	0.38
34003021400	0.34	0.05	2.88	0.36
34003004000	0.47	0.12	7.07	0.89
34003054600	0.39	0.11	6.08	0.81
34003021300	0.33	0.04	2.47	0.32
34003023600	0.37	0.09	5.23	0.62
34003030400	0.37	0.06	3.66	0.42
34031175200	0.32	0.04	2.10	0.30
34003028001	0.45	0.13	6.22	1.01
34003025100	0.44	0.08	4.96	0.56
34003021500	0.36	0.05	2.77	0.35
34003021600	0.33	0.04	2.32	0.31
34003036100	0.35	0.08	4.93	0.55

Table D.36: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.37	0.06	3.70	0.42
34003046200	0.41	0.11	6.56	0.82
34003060000	0.36	0.05	3.17	0.37
34003046100	0.45	0.13	7.06	0.93
34031175900	0.29	0.04	1.89	0.27
34003057101	0.42	0.05	2.99	0.39
34003046300	0.41	0.11	6.83	0.83
34003057200	0.35	0.04	2.24	0.31
34003029100	0.53	0.13	8.21	0.95
34031175700	0.29	0.03	1.89	0.26
34003029200	0.61	0.15	9.43	1.03
34003041100	0.47	0.14	6.55	1.08
34003057102	0.25	0.03	1.57	0.22
34003012000	0.31	0.04	2.00	0.27
34003036200	0.59	0.13	8.30	0.86
34003005000	0.32	0.04	2.43	0.30
34003041300	0.46	0.14	6.10	1.16
34003045200	0.36	0.11	5.28	0.91
34003051100	0.37	0.04	2.40	0.32
34003045100	0.32	0.12	4.57	0.97
34003051300	0.33	0.04	2.09	0.28
34003051200	0.39	0.05	2.55	0.34
34003018200	0.56	0.28	9.31	2.40
34003051400	0.49	0.06	3.16	0.41
34017014600	0.62	0.69	42.11	7.44
34017019500	1.17	0.53	33.25	4.94

Table D.37: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	2.79	0.56
34003023100	0.00	0.01	5.39	1.03
34003023300	0.00	0.01	5.17	1.00
34003023200	0.00	0.01	5.08	0.99
34003033200	0.00	0.01	3.56	0.69
34003033300	0.00	0.01	4.73	0.91
34003054400	0.00	0.01	8.03	1.54
34003052200	0.00	0.00	3.18	0.66
34003023500	0.00	0.01	5.14	0.97
34003030100	0.00	0.00	3.46	0.66
34003054500	0.00	0.02	9.00	1.73
34003023401	0.00	0.01	5.03	0.95
34003030300	0.00	0.01	3.61	0.71
34003030200	0.00	0.00	3.34	0.68
34003023402	0.00	0.01	3.67	0.68
34003021400	0.00	0.01	3.64	0.77
34003004000	0.00	0.01	8.65	1.61
34003054600	0.00	0.01	7.48	1.42
34003021300	0.00	0.00	3.17	0.72
34003023600	0.00	0.01	5.64	1.04
34003030400	0.00	0.01	4.48	0.87
34031175200	0.00	0.00	2.61	0.64
34003028001	0.00	0.02	7.78	1.64
34003025100	0.00	0.01	5.80	1.06
34003021500	0.00	0.00	3.25	0.71
34003021600	0.00	0.00	2.87	0.66
34003036100	0.00	0.01	4.94	0.89

Table D.38: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	4.19	0.80
34003046200	0.00	0.01	7.95	1.46
34003060000	0.00	0.00	3.39	0.67
34003046100	0.00	0.02	8.52	1.59
34031175900	0.00	0.00	2.20	0.53
34003057101	0.00	0.01	3.66	0.81
34003046300	0.00	0.01	7.88	1.41
34003057200	0.00	0.00	2.71	0.65
34003029100	0.00	0.01	9.41	1.68
34031175700	0.00	0.00	2.31	0.55
34003029200	0.00	0.02	10.62	1.85
34003041100	0.00	0.02	7.64	1.60
34003057102	0.00	0.00	1.65	0.39
34003012000	0.00	0.00	2.13	0.49
34003036200	0.00	0.01	8.37	1.43
34003005000	0.00	0.00	2.60	0.54
34003041300	0.00	0.02	7.45	1.67
34003045200	0.00	0.01	5.79	1.21
34003051100	0.00	0.00	2.76	0.63
34003045100	0.00	0.01	4.80	1.11
34003051300	0.00	0.00	2.21	0.49
34003051200	0.00	0.00	2.88	0.64
34003018200	0.00	0.04	11.18	2.72
34003051400	0.00	0.01	3.48	0.75
34017014600	0.00	0.15	47.13	13.87
34017019500	0.00	0.12	40.48	8.47

Table D.39: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	1.08	1.47	0.05
34003023100	0.00	1.94	2.48	0.08
34003023300	0.00	1.41	1.85	0.06
34003023200	0.00	1.34	1.68	0.05
34003033200	0.00	1.27	1.73	0.05
34003033300	0.00	1.31	1.82	0.06
34003054400	0.00	2.17	2.65	0.09
34003052200	0.00	1.07	1.46	0.05
34003023500	0.00	1.24	1.69	0.05
34003030100	0.00	1.15	1.68	0.05
34003054500	0.00	2.59	3.04	0.10
34003023401	0.00	1.12	1.57	0.05
34003030300	0.00	0.79	1.15	0.04
34003030200	0.00	0.74	1.05	0.03
34003023402	0.00	1.14	1.66	0.05
34003021400	0.00	0.88	1.20	0.04
34003004000	0.00	2.32	2.98	0.10
34003054600	0.00	2.58	3.03	0.10
34003021300	0.00	0.81	1.02	0.04
34003023600	0.00	1.66	2.37	0.07
34003030400	0.00	0.98	1.46	0.05
34031175200	0.00	0.66	0.75	0.03
34003028001	0.00	3.20	2.89	0.11
34003025100	0.00	1.53	2.37	0.07
34003021500	0.00	0.86	1.14	0.04
34003021600	0.00	0.71	0.87	0.03
34003036100	0.00	1.64	2.56	0.08

Table D.40: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.05	1.61	0.05
34003046200	0.00	2.29	2.99	0.10
34003060000	0.00	1.12	1.69	0.05
34003046100	0.00	3.04	3.64	0.12
34031175900	0.00	0.70	0.81	0.03
34003057101	0.00	1.00	1.29	0.04
34003046300	0.00	2.35	3.19	0.10
34003057200	0.00	0.83	0.97	0.04
34003029100	0.00	2.20	3.29	0.10
34031175700	0.00	0.76	0.90	0.03
34003029200	0.00	2.64	4.31	0.13
34003041100	0.00	3.24	2.86	0.11
34003057102	0.00	0.72	0.87	0.03
34003012000	0.00	1.02	1.26	0.05
34003036200	0.00	2.00	3.55	0.10
34003005000	0.00	1.12	1.55	0.05
34003041300	0.00	3.29	2.40	0.10
34003045200	0.00	3.73	3.11	0.12
34003051100	0.00	1.01	1.25	0.05
34003045100	0.00	3.78	2.40	0.11
34003051300	0.00	0.92	1.17	0.04
34003051200	0.00	1.10	1.41	0.05
34003018200	0.00	7.63	3.78	0.19
34003051400	0.00	1.43	1.89	0.07
34017014600	0.00	18.61	21.08	1.28
34017019500	0.00	15.29	18.02	0.73

Table D.41: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	2.54	0.66
34003023100	0.00	0.00	4.68	1.27
34003023300	0.00	0.00	4.44	1.19
34003023200	0.00	0.00	4.15	1.14
34003033200	0.00	0.00	3.26	0.85
34003033300	0.00	0.00	4.01	1.04
34003054400	0.00	0.00	6.76	1.89
34003052200	0.00	0.00	2.77	0.72
34003023500	0.00	0.00	4.14	1.08
34003030100	0.00	0.00	2.98	0.75
34003054500	0.00	0.00	7.47	2.14
34003023401	0.00	0.00	3.91	1.01
34003030300	0.00	0.00	2.88	0.72
34003030200	0.00	0.00	2.65	0.68
34003023402	0.00	0.00	3.09	0.78
34003021400	0.00	0.00	2.92	0.77
34003004000	0.00	0.00	7.16	1.94
34003054600	0.00	0.00	6.34	1.82
34003021300	0.00	0.00	2.51	0.70
34003023600	0.00	0.00	4.88	1.24
34003030400	0.00	0.00	3.68	0.91
34031175200	0.00	0.00	2.04	0.62
34003028001	0.00	0.00	6.47	2.25
34003025100	0.00	0.00	5.02	1.21
34003021500	0.00	0.00	2.66	0.71
34003021600	0.00	0.00	2.23	0.64
34003036100	0.00	0.00	4.23	1.02

Table D.42: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	3.54	0.86
34003046200	0.00	0.00	6.60	1.77
34003060000	0.00	0.00	2.96	0.73
34003046100	0.00	0.00	7.29	2.07
34031175900	0.00	0.00	1.77	0.53
34003057101	0.00	0.00	2.98	0.82
34003046300	0.00	0.00	6.63	1.73
34003057200	0.00	0.00	2.21	0.65
34003029100	0.00	0.00	7.94	1.97
34031175700	0.00	0.00	1.97	0.58
34003029200	0.00	0.00	9.14	2.16
34003041100	0.00	0.00	6.32	2.23
34003057102	0.00	0.00	1.46	0.42
34003012000	0.00	0.00	1.91	0.55
34003036200	0.00	0.00	7.15	1.60
34003005000	0.00	0.00	2.32	0.61
34003041300	0.00	0.00	5.94	2.42
34003045200	0.00	0.00	4.95	1.82
34003051100	0.00	0.00	2.45	0.70
34003045100	0.00	0.00	4.03	1.83
34003051300	0.00	0.00	1.95	0.55
34003051200	0.00	0.00	2.59	0.72
34003018200	0.00	0.01	9.13	5.01
34003051400	0.00	0.00	3.16	0.87
34017014600	0.00	0.03	42.39	16.15
34017019500	0.00	0.01	35.09	10.98

Table D.43: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.02	1.51	0.06
34003023100	0.01	0.06	5.08	0.20
34003023300	0.01	0.05	3.91	0.15
34003023200	0.01	0.05	3.80	0.15
34003033200	0.01	0.04	2.54	0.10
34003033300	0.01	0.05	3.51	0.14
34003054400	0.01	0.08	7.05	0.28
34003052200	0.01	0.03	2.12	0.09
34003023500	0.01	0.05	3.89	0.15
34003030100	0.00	0.02	1.64	0.06
34003054500	0.01	0.08	7.60	0.30
34003023401	0.01	0.05	3.35	0.13
34003030300	0.01	0.04	2.57	0.10
34003030200	0.01	0.04	2.38	0.09
34003023402	0.00	0.02	1.65	0.06
34003021400	0.01	0.04	2.74	0.11
34003004000	0.01	0.07	6.47	0.24
34003054600	0.00	0.04	3.72	0.14
34003021300	0.01	0.04	2.33	0.10
34003023600	0.01	0.05	3.87	0.14
34003030400	0.01	0.05	3.29	0.12
34031175200	0.01	0.03	1.90	0.08
34003028001	0.01	0.05	4.48	0.20
34003025100	0.01	0.06	4.58	0.16
34003021500	0.01	0.04	2.73	0.11
34003021600	0.01	0.03	2.17	0.09
34003036100	0.01	0.04	3.48	0.12

Table D.44: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.04	3.10	0.11
34003046200	0.01	0.04	4.35	0.16
34003060000	0.01	0.03	2.20	0.08
34003046100	0.01	0.04	4.52	0.16
34031175900	0.01	0.02	1.40	0.06
34003057101	0.01	0.05	3.03	0.12
34003046300	0.01	0.04	4.43	0.15
34003057200	0.01	0.03	1.80	0.08
34003029100	0.01	0.08	8.30	0.28
34031175700	0.00	0.01	1.25	0.05
34003029200	0.01	0.10	10.85	0.35
34003041100	0.01	0.06	5.39	0.23
34003057102	0.00	0.01	0.90	0.04
34003012000	0.01	0.02	1.23	0.05
34003036200	0.01	0.10	10.37	0.32
34003005000	0.01	0.02	1.45	0.05
34003041300	0.01	0.06	4.89	0.22
34003045200	0.00	0.03	3.18	0.13
34003051100	0.01	0.02	1.67	0.07
34003045100	0.00	0.03	2.93	0.14
34003051300	0.01	0.02	1.34	0.05
34003051200	0.01	0.02	1.76	0.07
34003018200	0.02	0.12	11.27	0.55
34003051400	0.01	0.03	2.32	0.09
34017014600	0.02	0.63	74.04	2.94
34017019500	0.04	0.27	63.00	2.47

Table D.45: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.38	3.09	0.20
34003023100	0.00	0.79	6.09	0.37
34003023300	0.00	0.67	5.25	0.33
34003023200	0.00	0.67	5.13	0.32
34003033200	0.00	0.50	4.02	0.25
34003033300	0.00	0.59	4.88	0.30
34003054400	0.00	1.06	7.83	0.48
34003052200	0.00	0.41	3.34	0.22
34003023500	0.00	0.64	5.16	0.31
34003030100	0.00	0.41	3.52	0.22
34003054500	0.00	1.20	8.64	0.54
34003023401	0.00	0.58	4.80	0.29
34003030300	0.00	0.40	3.47	0.22
34003030200	0.00	0.38	3.20	0.21
34003023402	0.00	0.44	3.72	0.22
34003021400	0.00	0.42	3.45	0.24
34003004000	0.00	1.08	8.31	0.50
34003054600	0.00	0.97	7.04	0.43
34003021300	0.00	0.38	2.94	0.22
34003023600	0.00	0.72	6.02	0.36
34003030400	0.00	0.48	4.21	0.27
34031175200	0.00	0.32	2.33	0.19
34003028001	0.00	1.21	7.17	0.49
34003025100	0.00	0.65	5.85	0.35
34003021500	0.00	0.39	3.19	0.23
34003021600	0.00	0.35	2.66	0.20
34003036100	0.00	0.64	5.69	0.33

Table D.46: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.47	4.19	0.26
34003046200	0.00	0.96	7.50	0.44
34003060000	0.00	0.41	3.63	0.23
34003046100	0.00	1.09	8.05	0.49
34031175900	0.00	0.29	2.10	0.17
34003057101	0.00	0.44	3.50	0.26
34003046300	0.00	0.94	7.61	0.44
34003057200	0.00	0.35	2.55	0.20
34003029100	0.00	1.08	9.28	0.53
34031175700	0.00	0.28	2.08	0.16
34003029200	0.00	1.19	10.86	0.61
34003041100	0.00	1.25	7.26	0.50
34003057102	0.00	0.23	1.71	0.13
34003012000	0.00	0.29	2.22	0.17
34003036200	0.00	0.96	9.38	0.52
34003005000	0.00	0.32	2.74	0.19
34003041300	0.00	1.32	6.63	0.49
34003045200	0.00	1.04	5.82	0.40
34003051100	0.00	0.34	2.66	0.20
34003045100	0.00	1.10	4.90	0.38
34003051300	0.00	0.29	2.28	0.17
34003051200	0.00	0.35	2.81	0.21
34003018200	0.01	2.76	10.12	0.83
34003051400	0.00	0.43	3.55	0.26
34017014600	0.01	7.95	44.36	4.05
34017019500	0.01	5.14	38.63	2.67

Table D.47: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.04	0.30	2.59	0.29
34003023100	0.06	0.55	4.68	0.49
34003023300	0.06	0.51	4.42	0.47
34003023200	0.05	0.50	4.25	0.45
34003033200	0.05	0.37	3.28	0.35
34003033300	0.06	0.46	4.14	0.44
34003054400	0.07	0.77	6.40	0.68
34003052200	0.05	0.33	2.84	0.33
34003023500	0.05	0.48	4.28	0.45
34003030100	0.05	0.34	3.10	0.33
34003054500	0.07	0.87	7.03	0.75
34003023401	0.06	0.46	4.15	0.44
34003030300	0.05	0.33	2.99	0.33
34003030200	0.05	0.31	2.76	0.32
34003023402	0.04	0.35	3.27	0.34
34003021400	0.06	0.36	3.03	0.37
34003004000	0.07	0.80	6.89	0.71
34003054600	0.06	0.74	5.99	0.63
34003021300	0.06	0.33	2.59	0.34
34003023600	0.06	0.55	5.05	0.52
34003030400	0.06	0.41	3.73	0.41
34031175200	0.05	0.28	2.02	0.29
34003028001	0.07	0.89	5.92	0.70
34003025100	0.07	0.52	5.06	0.52
34003021500	0.06	0.33	2.72	0.34
34003021600	0.05	0.30	2.31	0.31
34003036100	0.05	0.48	4.69	0.47

Table D.48: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in HUDSON County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.06	0.39	3.66	0.39
34003046200	0.06	0.74	6.45	0.66
34003060000	0.05	0.34	3.17	0.36
34003046100	0.07	0.83	6.89	0.72
34031175900	0.05	0.25	1.84	0.26
34003057101	0.07	0.38	3.07	0.40
34003046300	0.06	0.72	6.55	0.66
34003057200	0.05	0.31	2.26	0.32
34003029100	0.07	0.81	7.74	0.77
34031175700	0.04	0.26	1.93	0.27
34003029200	0.08	0.90	9.08	0.89
34003041100	0.07	0.91	6.00	0.71
34003057102	0.04	0.20	1.51	0.21
34003012000	0.04	0.25	1.99	0.27
34003036200	0.08	0.72	7.74	0.75
34003005000	0.05	0.28	2.45	0.30
34003041300	0.07	0.99	5.57	0.71
34003045200	0.06	0.79	4.98	0.59
34003051100	0.05	0.30	2.39	0.32
34003045100	0.05	0.83	4.16	0.55
34003051300	0.04	0.25	2.04	0.27
34003051200	0.05	0.31	2.57	0.34
34003018200	0.10	2.02	8.30	1.18
34003051400	0.06	0.37	3.19	0.41
34017014600	0.14	5.99	38.58	6.15
34017019500	0.15	4.09	34.65	4.28

Table D.49: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.01	0.09	3.89	0.98	2.74
34003023100	0.02	0.10	4.63	1.09	3.97
34003023300	0.02	0.10	4.74	1.15	3.74
34003023200	0.02	0.09	4.28	1.03	3.51
34003033200	0.01	0.10	4.31	1.07	3.20
34003033300	0.02	0.10	4.75	1.16	3.60
34003054400	0.02	0.11	5.34	1.22	4.90
34003052200	0.02	0.12	5.26	1.34	3.49
34003023500	0.02	0.09	4.17	0.99	3.44
34003030100	0.01	0.08	3.75	0.91	2.74
34003054500	0.02	0.10	5.09	1.12	5.00
34003023401	0.02	0.09	4.27	1.03	3.31
34003030300	0.02	0.10	4.62	1.13	3.21
34003030200	0.02	0.10	4.75	1.18	3.20
34003023402	0.01	0.06	3.10	0.74	2.46
34003021400	0.02	0.13	6.04	1.52	3.89
34003004000	0.02	0.09	4.89	1.08	4.67
34003054600	0.02	0.07	3.55	0.76	3.66
34003021300	0.02	0.14	6.37	1.62	3.85
34003023600	0.02	0.08	3.96	0.90	3.50
34003030400	0.02	0.11	5.27	1.28	3.72
34031175200	0.02	0.13	6.27	1.57	3.57
34003028001	0.02	0.07	3.61	0.73	4.18
34003025100	0.02	0.11	5.64	1.33	4.32
34003021500	0.02	0.13	6.09	1.51	3.83
34003021600	0.02	0.13	6.00	1.50	3.59
34003036100	0.01	0.07	3.47	0.78	3.08

Table D.50: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.02	0.09	4.75	1.14	3.43
34003046200	0.02	0.07	3.66	0.79	3.69
34003060000	0.02	0.08	4.39	1.05	3.10
34003046100	0.02	0.06	3.51	0.73	3.80
34031175900	0.02	0.10	5.25	1.29	3.01
34003057101	0.02	0.13	6.80	1.64	4.26
34003046300	0.01	0.06	3.20	0.67	3.38
34003057200	0.02	0.12	6.33	1.53	3.57
34003029100	0.02	0.09	4.74	1.03	4.66
34031175700	0.02	0.12	6.55	1.57	3.09
34003029200	0.02	0.10	5.24	1.12	5.18
34003041100	0.02	0.06	3.31	0.66	3.92
34003057102	0.01	0.07	3.64	0.88	2.21
34003012000	0.01	0.07	4.07	0.98	2.61
34003036200	0.02	0.09	5.01	1.09	4.72
34003005000	0.01	0.07	3.78	0.90	2.62
34003041300	0.02	0.06	3.10	0.60	3.86
34003045200	0.01	0.04	2.24	0.43	2.74
34003051100	0.02	0.11	6.06	1.47	3.44
34003045100	0.01	0.03	1.97	0.37	2.53
34003051300	0.01	0.07	4.02	0.96	2.53
34003051200	0.02	0.10	6.02	1.46	3.39
34003018200	0.02	0.06	3.67	0.68	5.06
34003051400	0.02	0.09	5.34	1.25	3.49
34017014600	0.02	0.06	3.40	0.61	4.86
34017019500	0.03	0.09	5.69	1.07	6.68

Table D.51: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	2.03	2.87	0.43	6.62
34003023100	0.00	1.93	2.96	0.40	8.33
34003023300	0.00	2.09	3.10	0.44	8.02
34003023200	0.00	1.84	2.75	0.39	7.38
34003033200	0.00	2.06	2.97	0.43	7.24
34003033300	0.00	2.22	3.25	0.47	8.07
34003054400	0.00	2.11	3.32	0.44	10.03
34003052200	0.00	2.59	3.67	0.55	7.95
34003023500	0.00	1.74	2.65	0.36	7.18
34003030100	0.00	1.92	2.84	0.40	6.80
34003054500	0.00	1.98	3.22	0.41	10.42
34003023401	0.00	1.91	2.85	0.40	7.26
34003030300	0.00	2.08	3.06	0.43	6.96
34003030200	0.00	2.14	3.14	0.45	6.92
34003023402	0.00	1.52	2.31	0.32	6.01
34003021400	0.00	2.79	4.03	0.59	8.48
34003004000	0.00	1.93	3.13	0.40	9.83
34003054600	0.00	1.53	2.56	0.32	8.72
34003021300	0.00	2.99	4.27	0.63	8.43
34003023600	0.00	1.70	2.70	0.35	7.87
34003030400	0.00	2.36	3.53	0.49	8.17
34031175200	0.00	2.82	4.12	0.59	7.66
34003028001	0.00	1.41	2.47	0.29	9.47
34003025100	0.00	2.48	3.81	0.51	9.59
34003021500	0.00	2.72	4.01	0.57	8.25
34003021600	0.00	2.76	4.02	0.58	7.85
34003036100	0.00	1.54	2.48	0.32	7.26

Table D.52: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	2.11	3.20	0.44	7.58
34003046200	0.00	1.57	2.61	0.32	8.71
34003060000	0.00	2.09	3.19	0.43	7.40
34003046100	0.00	1.50	2.59	0.31	9.28
34031175900	0.00	2.38	3.54	0.50	6.64
34003057101	0.00	2.98	4.52	0.62	9.27
34003046300	0.00	1.36	2.33	0.28	8.12
34003057200	0.00	2.94	4.45	0.61	8.20
34003029100	0.00	1.86	3.11	0.39	10.08
34031175700	0.00	3.09	4.75	0.63	7.30
34003029200	0.00	2.03	3.43	0.42	11.17
34003041100	0.00	1.26	2.25	0.26	8.83
34003057102	0.00	1.82	2.77	0.38	5.51
34003012000	0.00	2.08	3.19	0.43	6.68
34003036200	0.00	1.97	3.30	0.41	10.26
34003005000	0.00	1.92	2.97	0.40	6.74
34003041300	0.00	1.13	2.08	0.23	8.58
34003045200	0.00	0.95	1.75	0.20	7.07
34003051100	0.00	2.89	4.41	0.59	8.19
34003045100	0.00	0.74	1.41	0.15	5.98
34003051300	0.00	1.98	3.09	0.41	6.37
34003051200	0.00	2.89	4.48	0.59	8.26
34003018200	0.00	1.26	2.42	0.26	11.03
34003051400	0.00	2.55	4.12	0.53	8.83
34017014600	0.00	1.16	2.31	0.24	10.96
34017019500	0.00	2.02	3.88	0.42	15.11

Table D.53: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.01	0.06	3.51	0.56	0.36
34003023100	0.01	0.08	4.15	0.59	0.41
34003023300	0.01	0.08	4.24	0.62	0.42
34003023200	0.01	0.07	4.02	0.59	0.41
34003033200	0.01	0.07	3.80	0.58	0.38
34003033300	0.01	0.08	4.32	0.64	0.42
34003054400	0.01	0.09	4.64	0.64	0.47
34003052200	0.01	0.08	4.60	0.72	0.45
34003023500	0.01	0.07	4.08	0.57	0.39
34003030100	0.01	0.06	3.58	0.52	0.33
34003054500	0.01	0.09	4.50	0.59	0.46
34003023401	0.01	0.08	4.24	0.61	0.40
34003030300	0.01	0.08	4.59	0.66	0.40
34003030200	0.01	0.08	4.72	0.69	0.42
34003023402	0.01	0.06	3.11	0.43	0.29
34003021400	0.01	0.10	5.62	0.83	0.50
34003004000	0.01	0.09	4.51	0.59	0.44
34003054600	0.01	0.07	3.39	0.43	0.35
34003021300	0.01	0.10	5.97	0.89	0.51
34003023600	0.01	0.07	3.84	0.51	0.36
34003030400	0.01	0.09	5.00	0.70	0.43
34031175200	0.01	0.10	6.26	0.89	0.48
34003028001	0.01	0.07	3.47	0.42	0.37
34003025100	0.01	0.09	5.04	0.67	0.43
34003021500	0.01	0.10	5.76	0.82	0.47
34003021600	0.01	0.10	5.91	0.85	0.48
34003036100	0.01	0.06	3.48	0.45	0.32

Table D.54: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.01	0.08	4.53	0.61	0.37
34003046200	0.01	0.07	3.60	0.45	0.36
34003060000	0.01	0.07	4.31	0.56	0.33
34003046100	0.01	0.07	3.42	0.42	0.35
34031175900	0.01	0.09	5.38	0.74	0.40
34003057101	0.01	0.11	6.43	0.86	0.48
34003046300	0.01	0.06	3.26	0.40	0.32
34003057200	0.01	0.10	6.18	0.82	0.43
34003029100	0.01	0.09	4.49	0.56	0.43
34031175700	0.01	0.09	6.31	0.80	0.37
34003029200	0.01	0.09	4.89	0.60	0.46
34003041100	0.01	0.07	3.32	0.39	0.36
34003057102	0.01	0.06	3.70	0.48	0.26
34003012000	0.01	0.07	4.07	0.52	0.28
34003036200	0.01	0.09	4.82	0.58	0.43
34003005000	0.01	0.06	3.79	0.48	0.28
34003041300	0.01	0.07	3.20	0.37	0.35
34003045200	0.01	0.05	2.37	0.27	0.25
34003051100	0.01	0.09	5.78	0.73	0.36
34003045100	0.01	0.05	2.15	0.24	0.24
34003051300	0.01	0.07	4.13	0.51	0.27
34003051200	0.01	0.09	5.81	0.70	0.34
34003018200	0.01	0.08	3.71	0.41	0.43
34003051400	0.01	0.09	5.25	0.62	0.33
34017014600	0.02	0.08	3.61	0.37	0.42
34017019500	0.02	0.13	5.65	0.59	0.56

Table D.55: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.01	1.60	0.40	0.33
34003023100	0.00	0.02	2.18	0.48	0.56
34003023300	0.00	0.02	2.51	0.58	0.58
34003023200	0.00	0.02	2.15	0.49	0.52
34003033200	0.00	0.02	1.98	0.48	0.43
34003033300	0.00	0.02	2.61	0.60	0.58
34003054400	0.00	0.02	2.96	0.62	0.83
34003052200	0.00	0.02	2.65	0.64	0.51
34003023500	0.00	0.02	2.09	0.45	0.51
34003030100	0.00	0.01	1.57	0.34	0.33
34003054500	0.00	0.02	2.71	0.54	0.82
34003023401	0.00	0.02	2.35	0.52	0.53
34003030300	0.00	0.02	2.58	0.55	0.51
34003030200	0.00	0.02	2.68	0.58	0.52
34003023402	0.00	0.01	1.20	0.25	0.28
34003021400	0.00	0.03	3.80	0.84	0.70
34003004000	0.00	0.02	2.47	0.48	0.72
34003054600	0.00	0.01	1.42	0.27	0.45
34003021300	0.00	0.04	4.12	0.91	0.70
34003023600	0.00	0.01	1.77	0.35	0.47
34003030400	0.00	0.02	3.17	0.65	0.63
34031175200	0.00	0.03	4.11	0.83	0.64
34003028001	0.00	0.01	1.52	0.27	0.56
34003025100	0.00	0.02	3.16	0.62	0.69
34003021500	0.00	0.03	3.74	0.78	0.66
34003021600	0.00	0.03	3.87	0.81	0.64
34003036100	0.00	0.01	1.40	0.27	0.37

Table D.56: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.02	2.62	0.52	0.53
34003046200	0.00	0.01	1.56	0.29	0.49
34003060000	0.00	0.01	2.06	0.39	0.40
34003046100	0.00	0.01	1.40	0.25	0.48
34031175900	0.00	0.02	2.93	0.57	0.45
34003057101	0.00	0.03	4.44	0.84	0.76
34003046300	0.00	0.01	1.30	0.24	0.43
34003057200	0.00	0.03	3.84	0.70	0.57
34003029100	0.00	0.01	2.51	0.46	0.75
34031175700	0.00	0.03	3.85	0.62	0.44
34003029200	0.00	0.02	2.88	0.52	0.87
34003041100	0.00	0.01	1.46	0.26	0.55
34003057102	0.00	0.01	1.65	0.30	0.26
34003012000	0.00	0.01	1.91	0.33	0.32
34003036200	0.00	0.01	2.55	0.45	0.72
34003005000	0.00	0.01	1.67	0.30	0.31
34003041300	0.00	0.01	1.33	0.23	0.54
34003045200	0.00	0.00	0.79	0.13	0.31
34003051100	0.00	0.02	3.38	0.56	0.48
34003045100	0.00	0.00	0.69	0.11	0.29
34003051300	0.00	0.01	2.02	0.33	0.32
34003051200	0.00	0.02	3.46	0.53	0.47
34003018200	0.00	0.01	1.76	0.28	0.79
34003051400	0.00	0.02	2.94	0.45	0.48
34017014600	0.00	0.01	1.64	0.23	0.75
34017019500	0.00	0.02	3.78	0.55	1.37

Table D.57: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.05	0.73	3.56	0.64	0.10
34003023100	0.05	0.80	4.03	0.63	0.11
34003023300	0.06	0.85	4.25	0.70	0.11
34003023200	0.05	0.78	3.89	0.64	0.11
34003033200	0.05	0.77	3.78	0.66	0.10
34003033300	0.06	0.89	4.40	0.74	0.12
34003054400	0.06	0.92	4.73	0.72	0.13
34003052200	0.07	0.99	4.85	0.86	0.13
34003023500	0.05	0.76	3.81	0.60	0.10
34003030100	0.05	0.73	3.65	0.59	0.09
34003054500	0.06	0.87	4.54	0.66	0.12
34003023401	0.06	0.82	4.11	0.66	0.11
34003030300	0.06	0.89	4.43	0.72	0.11
34003030200	0.07	0.92	4.56	0.75	0.11
34003023402	0.04	0.60	3.02	0.47	0.07
34003021400	0.09	1.18	5.81	0.98	0.14
34003004000	0.06	0.85	4.45	0.64	0.12
34003054600	0.05	0.64	3.38	0.47	0.09
34003021300	0.09	1.26	6.20	1.05	0.14
34003023600	0.05	0.71	3.67	0.54	0.09
34003030400	0.07	1.01	5.04	0.79	0.11
34031175200	0.09	1.21	6.07	0.98	0.13
34003028001	0.06	0.63	3.40	0.45	0.10
34003025100	0.07	1.03	5.24	0.78	0.12
34003021500	0.09	1.16	5.77	0.93	0.13
34003021600	0.09	1.18	5.89	0.96	0.13
34003036100	0.04	0.62	3.23	0.46	0.08

Table D.58: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.06	0.89	4.47	0.68	0.10
34003046200	0.05	0.67	3.54	0.49	0.09
34003060000	0.05	0.83	4.21	0.61	0.09
34003046100	0.05	0.63	3.38	0.45	0.09
34031175900	0.08	1.00	5.05	0.79	0.10
34003057101	0.10	1.28	6.53	0.98	0.13
34003046300	0.05	0.58	3.12	0.42	0.08
34003057200	0.10	1.22	6.26	0.94	0.12
34003029100	0.06	0.83	4.40	0.60	0.11
34031175700	0.10	1.22	6.39	0.91	0.10
34003029200	0.07	0.90	4.79	0.64	0.12
34003041100	0.05	0.57	3.12	0.40	0.09
34003057102	0.05	0.69	3.53	0.51	0.07
34003012000	0.05	0.79	4.00	0.56	0.07
34003036200	0.07	0.85	4.51	0.60	0.11
34003005000	0.05	0.74	3.73	0.53	0.07
34003041300	0.05	0.53	2.97	0.37	0.09
34003045200	0.04	0.40	2.22	0.28	0.06
34003051100	0.10	1.14	5.81	0.81	0.10
34003045100	0.04	0.33	1.89	0.23	0.06
34003051300	0.06	0.78	3.96	0.54	0.07
34003051200	0.09	1.15	5.85	0.78	0.09
34003018200	0.07	0.59	3.41	0.41	0.10
34003051400	0.09	1.02	5.26	0.69	0.09
34017014600	0.07	0.57	3.30	0.37	0.10
34017019500	0.10	1.02	5.71	0.66	0.15

Table D.59: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.03	0.16	3.21	0.60	2.08
34003023100	0.03	0.17	3.74	0.65	2.96
34003023300	0.03	0.18	3.76	0.67	2.74
34003023200	0.03	0.16	3.49	0.62	2.64
34003033200	0.03	0.17	3.48	0.64	2.39
34003033300	0.03	0.18	3.82	0.69	2.67
34003054400	0.04	0.18	4.11	0.69	3.48
34003052200	0.03	0.21	4.21	0.80	2.57
34003023500	0.03	0.16	3.51	0.61	2.68
34003030100	0.03	0.15	3.21	0.58	2.16
34003054500	0.04	0.16	3.97	0.65	3.60
34003023401	0.03	0.17	3.59	0.64	2.57
34003030300	0.03	0.19	3.96	0.72	2.54
34003030200	0.03	0.19	4.06	0.75	2.53
34003023402	0.02	0.12	2.74	0.48	2.00
34003021400	0.04	0.24	4.89	0.91	2.90
34003004000	0.04	0.16	3.95	0.65	3.48
34003054600	0.03	0.12	2.99	0.47	2.85
34003021300	0.04	0.26	5.18	0.98	2.89
34003023600	0.03	0.14	3.39	0.57	2.77
34003030400	0.04	0.20	4.37	0.78	2.85
34031175200	0.04	0.25	5.34	0.99	2.81
34003028001	0.04	0.11	3.03	0.45	3.24
34003025100	0.04	0.20	4.59	0.80	3.24
34003021500	0.04	0.24	5.06	0.93	2.94
34003021600	0.04	0.24	5.09	0.94	2.80
34003036100	0.03	0.13	3.10	0.51	2.54

Table D.60: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.04	0.18	4.06	0.72	2.71
34003046200	0.03	0.12	3.15	0.50	2.94
34003060000	0.03	0.17	3.87	0.68	2.52
34003046100	0.04	0.11	3.02	0.46	3.03
34031175900	0.03	0.21	4.65	0.84	2.46
34003057101	0.04	0.25	5.63	1.00	3.25
34003046300	0.03	0.11	2.85	0.44	2.78
34003057200	0.04	0.24	5.44	0.97	2.83
34003029100	0.04	0.15	4.00	0.64	3.63
34031175700	0.04	0.24	5.68	1.00	2.47
34003029200	0.05	0.17	4.38	0.69	3.99
34003041100	0.04	0.10	2.90	0.43	3.17
34003057102	0.03	0.15	3.35	0.59	1.88
34003012000	0.03	0.16	3.69	0.65	2.18
34003036200	0.04	0.16	4.33	0.69	3.77
34003005000	0.03	0.14	3.42	0.60	2.18
34003041300	0.04	0.09	2.74	0.39	3.15
34003045200	0.03	0.07	2.08	0.30	2.35
34003051100	0.04	0.22	5.27	0.93	2.76
34003045100	0.03	0.06	1.87	0.26	2.21
34003051300	0.03	0.15	3.71	0.65	2.15
34003051200	0.04	0.22	5.31	0.93	2.75
34003018200	0.05	0.10	3.20	0.44	4.07
34003051400	0.04	0.18	4.74	0.81	2.86
34017014600	0.05	0.09	3.05	0.41	4.03
34017019500	0.07	0.15	4.86	0.67	5.27

Table D.61: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.03	0.01	3.51	1.26	0.01
34003023100	0.04	0.01	4.04	1.28	0.01
34003023300	0.05	0.01	4.54	1.51	0.01
34003023200	0.04	0.01	4.18	1.39	0.01
34003033200	0.04	0.01	3.73	1.29	0.01
34003033300	0.05	0.01	4.62	1.55	0.01
34003054400	0.06	0.01	5.28	1.62	0.01
34003052200	0.04	0.01	4.96	1.75	0.01
34003023500	0.04	0.01	4.11	1.30	0.01
34003030100	0.04	0.01	3.80	1.23	0.01
34003054500	0.07	0.01	5.17	1.53	0.01
34003023401	0.05	0.01	4.57	1.48	0.01
34003030300	0.04	0.01	4.75	1.53	0.01
34003030200	0.04	0.01	4.89	1.60	0.01
34003023402	0.03	0.01	3.18	0.99	0.01
34003021400	0.05	0.02	6.31	2.10	0.01
34003004000	0.06	0.01	5.03	1.46	0.01
34003054600	0.05	0.01	3.84	1.09	0.01
34003021300	0.05	0.02	6.77	2.28	0.01
34003023600	0.04	0.01	3.78	1.11	0.01
34003030400	0.05	0.01	5.48	1.70	0.01
34031175200	0.05	0.02	6.78	2.15	0.01
34003028001	0.06	0.01	3.97	1.08	0.01
34003025100	0.06	0.01	5.51	1.64	0.01
34003021500	0.05	0.02	6.06	1.93	0.01
34003021600	0.05	0.02	6.42	2.07	0.01
34003036100	0.04	0.01	3.21	0.92	0.01

Table D.62: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.05	0.01	4.72	1.42	0.01
34003046200	0.05	0.01	3.98	1.12	0.01
34003060000	0.04	0.01	4.26	1.23	0.01
34003046100	0.06	0.01	3.82	1.04	0.01
34031175900	0.04	0.02	5.53	1.70	0.01
34003057101	0.06	0.02	7.05	2.09	0.01
34003046300	0.05	0.01	3.44	0.93	0.01
34003057200	0.05	0.02	6.72	1.98	0.01
34003029100	0.06	0.01	4.78	1.32	0.01
34031175700	0.04	0.02	6.99	1.94	0.01
34003029200	0.07	0.01	5.14	1.39	0.01
34003041100	0.06	0.01	3.54	0.94	0.01
34003057102	0.03	0.01	3.60	1.03	0.00
34003012000	0.04	0.01	4.05	1.12	0.01
34003036200	0.06	0.01	4.53	1.22	0.01
34003005000	0.04	0.01	3.77	1.06	0.01
34003041300	0.06	0.01	3.52	0.91	0.01
34003045200	0.04	0.00	2.40	0.61	0.01
34003051100	0.05	0.02	6.19	1.70	0.01
34003045100	0.04	0.00	2.07	0.51	0.01
34003051300	0.04	0.01	4.03	1.08	0.01
34003051200	0.05	0.02	6.13	1.61	0.01
34003018200	0.09	0.01	4.08	1.00	0.01
34003051400	0.05	0.01	5.38	1.38	0.01
34017014600	0.10	0.01	3.87	0.88	0.01
34017019500	0.12	0.01	6.31	1.46	0.02

Table D.63: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.06	2.89	1.80	0.12	1.42
34003023100	0.07	2.75	1.79	0.10	1.55
34003023300	0.06	2.46	1.57	0.09	1.29
34003023200	0.05	2.08	1.34	0.08	1.14
34003033200	0.06	2.80	1.76	0.11	1.41
34003033300	0.06	2.73	1.72	0.10	1.37
34003054400	0.07	2.51	1.67	0.09	1.52
34003052200	0.07	3.62	2.22	0.14	1.64
34003023500	0.05	2.02	1.30	0.07	1.08
34003030100	0.06	2.87	1.79	0.11	1.35
34003054500	0.08	2.43	1.68	0.09	1.59
34003023401	0.05	2.18	1.38	0.08	1.10
34003030300	0.05	2.37	1.46	0.09	1.06
34003030200	0.05	2.42	1.49	0.09	1.06
34003023402	0.05	2.19	1.39	0.08	1.11
34003021400	0.06	3.32	2.03	0.12	1.40
34003004000	0.07	2.43	1.66	0.09	1.52
34003054600	0.07	2.10	1.48	0.08	1.45
34003021300	0.06	3.53	2.13	0.13	1.41
34003023600	0.06	2.30	1.52	0.08	1.31
34003030400	0.06	2.79	1.73	0.10	1.24
34031175200	0.05	3.16	1.91	0.11	1.16
34003028001	0.08	1.87	1.40	0.07	1.51
34003025100	0.08	3.45	2.18	0.12	1.64
34003021500	0.06	3.40	2.08	0.12	1.37
34003021600	0.05	3.14	1.90	0.11	1.21
34003036100	0.07	2.40	1.60	0.08	1.36

Table D.64: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.06	2.82	1.75	0.10	1.26
34003046200	0.07	2.04	1.43	0.07	1.36
34003060000	0.07	3.33	2.05	0.11	1.41
34003046100	0.08	2.13	1.55	0.08	1.56
34031175900	0.05	3.25	1.98	0.11	1.18
34003057101	0.07	3.94	2.42	0.14	1.53
34003046300	0.07	1.84	1.33	0.07	1.30
34003057200	0.06	3.87	2.37	0.13	1.37
34003029100	0.08	2.30	1.60	0.08	1.47
34031175700	0.06	4.40	2.70	0.15	1.30
34003029200	0.09	2.85	1.99	0.10	1.83
34003041100	0.07	1.65	1.26	0.06	1.37
34003057102	0.05	3.02	1.84	0.10	1.11
34003012000	0.07	3.85	2.32	0.13	1.43
34003036200	0.08	2.67	1.84	0.09	1.61
34003005000	0.07	3.55	2.18	0.12	1.45
34003041300	0.07	1.37	1.08	0.05	1.22
34003045200	0.08	1.56	1.23	0.06	1.36
34003051100	0.08	4.63	2.76	0.15	1.52
34003045100	0.06	1.21	0.98	0.04	1.13
34003051300	0.06	3.42	2.07	0.11	1.24
34003051200	0.08	4.94	2.93	0.15	1.57
34003018200	0.09	1.60	1.31	0.06	1.61
34003051400	0.09	4.59	2.83	0.15	1.72
34017014600	0.12	1.88	1.56	0.07	1.97
34017019500	0.16	3.33	2.64	0.12	2.76

Table D.65: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.00	3.13	1.32	2.94
34003023100	0.00	0.00	3.41	1.32	3.90
34003023300	0.00	0.00	3.80	1.52	4.01
34003023200	0.00	0.00	3.33	1.32	3.64
34003033200	0.00	0.00	3.34	1.37	3.31
34003033300	0.00	0.00	3.83	1.55	3.86
34003054400	0.00	0.00	4.30	1.61	5.26
34003052200	0.00	0.00	4.22	1.79	3.74
34003023500	0.00	0.00	3.22	1.25	3.55
34003030100	0.00	0.00	3.19	1.28	3.11
34003054500	0.00	0.00	4.14	1.50	5.43
34003023401	0.00	0.00	3.47	1.37	3.58
34003030300	0.00	0.00	3.69	1.49	3.42
34003030200	0.00	0.00	3.79	1.55	3.41
34003023402	0.00	0.00	2.61	1.02	2.76
34003021400	0.00	0.01	4.94	2.04	4.23
34003004000	0.00	0.00	4.00	1.45	5.10
34003054600	0.00	0.00	3.12	1.10	4.30
34003021300	0.00	0.01	5.23	2.19	4.22
34003023600	0.00	0.00	3.16	1.17	3.73
34003030400	0.00	0.00	4.39	1.74	4.13
34031175200	0.00	0.01	5.13	2.10	3.89
34003028001	0.00	0.00	3.15	1.05	4.87
34003025100	0.00	0.00	4.64	1.79	4.74
34003021500	0.00	0.01	4.82	1.96	4.04
34003021600	0.00	0.01	4.85	1.99	3.86
34003036100	0.00	0.00	2.65	0.97	3.14

Table D.66: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.00	3.88	1.52	3.73
34003046200	0.00	0.00	3.17	1.11	4.27
34003060000	0.00	0.00	3.59	1.39	3.38
34003046100	0.00	0.00	3.12	1.06	4.52
34031175900	0.00	0.00	4.28	1.72	3.27
34003057101	0.00	0.01	5.56	2.18	4.64
34003046300	0.00	0.00	2.76	0.95	3.89
34003057200	0.00	0.01	5.33	2.10	4.00
34003029100	0.00	0.00	3.87	1.37	5.07
34031175700	0.00	0.01	5.84	2.26	3.67
34003029200	0.00	0.00	4.23	1.48	5.58
34003041100	0.00	0.00	2.79	0.91	4.42
34003057102	0.00	0.00	3.06	1.20	2.48
34003012000	0.00	0.00	3.49	1.36	2.98
34003036200	0.00	0.00	3.72	1.31	4.68
34003005000	0.00	0.00	3.24	1.25	2.98
34003041300	0.00	0.00	2.67	0.85	4.44
34003045200	0.00	0.00	1.95	0.62	3.18
34003051100	0.00	0.01	5.32	2.08	4.02
34003045100	0.00	0.00	1.65	0.51	2.82
34003051300	0.00	0.00	3.42	1.31	2.86
34003051200	0.00	0.01	5.34	2.06	4.00
34003018200	0.00	0.00	3.14	0.96	5.78
34003051400	0.00	0.00	4.71	1.76	4.10
34017014600	0.00	0.00	2.99	0.88	5.71
34017019500	0.00	0.01	5.08	1.56	7.95

Table D.67: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.05	2.01	0.14	0.19
34003023100	0.00	0.11	3.68	0.22	0.43
34003023300	0.00	0.09	3.46	0.22	0.37
34003023200	0.00	0.08	3.12	0.20	0.35
34003033200	0.00	0.07	2.79	0.19	0.28
34003033300	0.00	0.09	3.51	0.23	0.35
34003054400	0.00	0.13	4.34	0.25	0.55
34003052200	0.00	0.08	3.46	0.23	0.31
34003023500	0.00	0.08	3.02	0.18	0.34
34003030100	0.00	0.05	1.81	0.11	0.17
34003054500	0.00	0.13	3.95	0.22	0.55
34003023401	0.00	0.08	3.05	0.19	0.31
34003030300	0.00	0.09	3.41	0.20	0.31
34003030200	0.00	0.09	3.54	0.21	0.31
34003023402	0.00	0.04	1.40	0.08	0.15
34003021400	0.00	0.12	4.86	0.30	0.41
34003004000	0.00	0.11	3.33	0.18	0.44
34003054600	0.00	0.06	1.65	0.09	0.24
34003021300	0.00	0.12	5.08	0.31	0.40
34003023600	0.00	0.07	2.35	0.13	0.28
34003030400	0.00	0.10	3.98	0.23	0.36
34031175200	0.00	0.11	4.94	0.28	0.35
34003028001	0.00	0.08	1.88	0.09	0.32
34003025100	0.00	0.11	4.14	0.23	0.41
34003021500	0.00	0.12	5.12	0.30	0.41
34003021600	0.00	0.11	4.90	0.28	0.37
34003036100	0.00	0.06	1.97	0.10	0.24

Table D.68: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.09	3.36	0.19	0.31
34003046200	0.00	0.07	1.83	0.09	0.26
34003060000	0.00	0.07	2.57	0.13	0.23
34003046100	0.00	0.07	1.61	0.08	0.25
34031175900	0.00	0.08	3.50	0.19	0.25
34003057101	0.00	0.14	5.73	0.30	0.44
34003046300	0.00	0.06	1.53	0.08	0.23
34003057200	0.00	0.10	4.51	0.23	0.30
34003029100	0.00	0.13	3.46	0.18	0.47
34031175700	0.00	0.08	4.16	0.19	0.22
34003029200	0.00	0.16	4.14	0.21	0.57
34003041100	0.00	0.09	1.93	0.09	0.33
34003057102	0.00	0.05	1.90	0.09	0.14
34003012000	0.00	0.06	2.18	0.10	0.17
34003036200	0.00	0.17	4.38	0.21	0.56
34003005000	0.00	0.05	1.91	0.09	0.16
34003041300	0.00	0.08	1.71	0.08	0.31
34003045200	0.00	0.05	0.93	0.04	0.17
34003051100	0.00	0.09	3.77	0.17	0.25
34003045100	0.00	0.04	0.84	0.04	0.16
34003051300	0.00	0.06	2.31	0.10	0.17
34003051200	0.00	0.09	3.81	0.16	0.24
34003018200	0.00	0.13	2.42	0.11	0.49
34003051400	0.00	0.10	3.29	0.14	0.25
34017014600	0.00	0.13	1.95	0.08	0.41
34017019500	0.00	0.29	4.58	0.19	0.76

Table D.69: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.41	0.85	3.81	0.42	0.14
34003023100	0.35	0.95	4.45	0.43	0.14
34003023300	0.36	0.98	4.51	0.45	0.15
34003023200	0.32	0.89	4.12	0.41	0.14
34003033200	0.34	0.91	4.11	0.43	0.14
34003033300	0.39	1.03	4.66	0.47	0.15
34003054400	0.38	1.05	5.02	0.47	0.15
34003052200	0.64	1.16	5.12	0.55	0.18
34003023500	0.34	0.87	4.03	0.39	0.12
34003030100	0.36	0.84	3.78	0.37	0.11
34003054500	0.35	0.98	4.84	0.43	0.14
34003023401	0.37	0.93	4.26	0.42	0.13
34003030300	0.45	1.00	4.48	0.44	0.13
34003030200	0.47	1.03	4.60	0.46	0.14
34003023402	0.28	0.68	3.16	0.30	0.09
34003021400	0.69	1.32	5.88	0.60	0.18
34003004000	0.37	0.96	4.70	0.41	0.13
34003054600	0.25	0.69	3.52	0.30	0.10
34003021300	0.93	1.41	6.21	0.64	0.19
34003023600	0.34	0.82	3.94	0.35	0.11
34003030400	0.54	1.12	5.05	0.48	0.14
34031175200	0.88	1.35	6.00	0.59	0.16
34003028001	0.22	0.66	3.56	0.29	0.10
34003025100	0.57	1.18	5.44	0.49	0.14
34003021500	0.69	1.32	5.88	0.58	0.16
34003021600	0.78	1.32	5.89	0.58	0.16
34003036100	0.32	0.75	3.60	0.31	0.09

Table D.70: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.52	1.02	4.62	0.43	0.12
34003046200	0.27	0.72	3.65	0.31	0.10
34003060000	0.54	0.98	4.46	0.40	0.10
34003046100	0.23	0.67	3.51	0.29	0.09
34031175900	0.73	1.17	5.24	0.50	0.13
34003057101	0.91	1.47	6.67	0.61	0.16
34003046300	0.22	0.62	3.23	0.27	0.08
34003057200	0.98	1.38	6.28	0.57	0.14
34003029100	0.35	0.91	4.59	0.39	0.12
34031175700	1.39	1.38	6.30	0.54	0.12
34003029200	0.38	1.01	5.11	0.42	0.12
34003041100	0.20	0.60	3.28	0.26	0.09
34003057102	0.59	0.82	3.70	0.33	0.08
34003012000	0.58	0.93	4.17	0.36	0.08
34003036200	0.38	0.99	4.95	0.41	0.11
34003005000	0.47	0.86	3.90	0.34	0.08
34003041300	0.17	0.54	3.05	0.24	0.08
34003045200	0.13	0.42	2.35	0.18	0.06
34003051100	1.05	1.32	5.92	0.50	0.11
34003045100	0.11	0.36	2.06	0.16	0.05
34003051300	0.50	0.91	4.11	0.34	0.07
34003051200	0.79	1.32	5.92	0.48	0.09
34003018200	0.18	0.62	3.60	0.27	0.09
34003051400	0.45	1.17	5.42	0.43	0.09
34017014600	0.15	0.59	3.50	0.25	0.09
34017019500	0.26	1.02	5.85	0.42	0.13

Table D.71: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.08	0.72	3.16	0.58	0.10
34003023100	0.09	0.76	3.37	0.54	0.09
34003023300	0.10	0.85	3.73	0.62	0.11
34003023200	0.09	0.76	3.37	0.56	0.10
34003033200	0.09	0.75	3.30	0.58	0.10
34003033300	0.10	0.89	3.89	0.66	0.11
34003054400	0.12	0.91	4.03	0.62	0.11
34003052200	0.11	0.98	4.32	0.78	0.12
34003023500	0.09	0.75	3.29	0.52	0.09
34003030100	0.09	0.75	3.28	0.54	0.08
34003054500	0.12	0.87	3.86	0.57	0.11
34003023401	0.10	0.82	3.62	0.59	0.10
34003030300	0.10	0.87	3.82	0.63	0.10
34003030200	0.10	0.89	3.92	0.66	0.10
34003023402	0.07	0.62	2.72	0.43	0.07
34003021400	0.12	1.16	5.13	0.88	0.13
34003004000	0.12	0.86	3.82	0.55	0.10
34003054600	0.10	0.66	2.93	0.41	0.08
34003021300	0.13	1.23	5.46	0.95	0.14
34003023600	0.09	0.73	3.24	0.48	0.08
34003030400	0.11	1.01	4.42	0.70	0.10
34031175200	0.12	1.17	5.21	0.86	0.11
34003028001	0.11	0.64	2.88	0.39	0.08
34003025100	0.12	1.05	4.62	0.70	0.11
34003021500	0.12	1.12	4.98	0.81	0.11
34003021600	0.12	1.15	5.10	0.85	0.12
34003036100	0.08	0.66	2.91	0.42	0.07

Table D.72: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ESSEX County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.10	0.91	3.98	0.61	0.09
34003046200	0.10	0.69	3.08	0.43	0.08
34003060000	0.10	0.89	3.86	0.57	0.08
34003046100	0.10	0.66	2.94	0.40	0.08
34031175900	0.11	1.02	4.57	0.72	0.09
34003057101	0.14	1.30	5.80	0.89	0.12
34003046300	0.09	0.61	2.72	0.37	0.07
34003057200	0.13	1.23	5.56	0.85	0.11
34003029100	0.12	0.85	3.75	0.52	0.09
34031175700	0.12	1.26	5.87	0.85	0.09
34003029200	0.13	0.95	4.19	0.57	0.10
34003041100	0.10	0.59	2.65	0.35	0.07
34003057102	0.08	0.73	3.26	0.48	0.06
34003012000	0.09	0.85	3.71	0.53	0.07
34003036200	0.12	0.91	4.00	0.55	0.09
34003005000	0.09	0.79	3.46	0.50	0.07
34003041300	0.10	0.56	2.51	0.32	0.07
34003045200	0.08	0.44	1.96	0.25	0.05
34003051100	0.13	1.20	5.32	0.76	0.09
34003045100	0.07	0.38	1.70	0.21	0.05
34003051300	0.09	0.84	3.66	0.51	0.06
34003051200	0.12	1.23	5.40	0.74	0.08
34003018200	0.13	0.63	2.87	0.35	0.08
34003051400	0.13	1.11	4.83	0.65	0.08
34017014600	0.15	0.66	2.93	0.34	0.08
34017019500	0.20	1.18	5.10	0.61	0.12

Table D.73: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.60	0.22
34003023100	0.00	0.01	0.61	0.22
34003023300	0.00	0.01	0.66	0.24
34003023200	0.00	0.01	0.60	0.22
34003033200	0.00	0.01	0.64	0.23
34003033300	0.00	0.01	0.67	0.24
34003054400	0.00	0.01	0.67	0.24
34003052200	0.00	0.01	0.78	0.28
34003023500	0.00	0.01	0.54	0.20
34003030100	0.00	0.01	0.50	0.18
34003054500	0.00	0.01	0.61	0.22
34003023401	0.00	0.01	0.57	0.21
34003030300	0.00	0.01	0.61	0.22
34003030200	0.00	0.01	0.64	0.23
34003023402	0.00	0.00	0.39	0.14
34003021400	0.00	0.01	0.83	0.30
34003004000	0.00	0.01	0.56	0.20
34003054600	0.00	0.00	0.40	0.14
34003021300	0.00	0.01	0.88	0.32
34003023600	0.00	0.01	0.46	0.17
34003030400	0.00	0.01	0.66	0.24
34031175200	0.00	0.01	0.78	0.29
34003028001	0.00	0.00	0.38	0.14
34003025100	0.00	0.01	0.65	0.24
34003021500	0.00	0.01	0.78	0.28
34003021600	0.00	0.01	0.78	0.28
34003036100	0.00	0.00	0.38	0.14

Table D.74: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.56	0.20
34003046200	0.00	0.00	0.39	0.14
34003060000	0.00	0.00	0.47	0.17
34003046100	0.00	0.00	0.35	0.13
34031175900	0.00	0.01	0.62	0.23
34003057101	0.00	0.01	0.77	0.28
34003046300	0.00	0.00	0.32	0.12
34003057200	0.00	0.01	0.69	0.25
34003029100	0.00	0.01	0.49	0.18
34031175700	0.00	0.01	0.64	0.24
34003029200	0.00	0.01	0.51	0.19
34003041100	0.00	0.00	0.32	0.12
34003057102	0.00	0.00	0.38	0.14
34003012000	0.00	0.00	0.38	0.14
34003036200	0.00	0.00	0.46	0.17
34003005000	0.00	0.00	0.36	0.14
34003041300	0.00	0.00	0.29	0.10
34003045200	0.00	0.00	0.19	0.07
34003051100	0.00	0.01	0.55	0.21
34003045100	0.00	0.00	0.16	0.06
34003051300	0.00	0.00	0.33	0.13
34003051200	0.00	0.01	0.47	0.18
34003018200	0.00	0.00	0.28	0.11
34003051400	0.00	0.00	0.37	0.15
34017014600	0.00	0.00	0.19	0.08
34017019500	0.00	0.00	0.33	0.13

Table D.75: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.23	0.43	0.12
34003023100	0.00	0.20	0.38	0.11
34003023300	0.00	0.23	0.42	0.12
34003023200	0.00	0.20	0.38	0.10
34003033200	0.00	0.23	0.43	0.12
34003033300	0.00	0.24	0.45	0.12
34003054400	0.00	0.22	0.41	0.11
34003052200	0.00	0.28	0.53	0.15
34003023500	0.00	0.18	0.34	0.09
34003030100	0.00	0.19	0.37	0.10
34003054500	0.00	0.20	0.38	0.10
34003023401	0.00	0.20	0.37	0.10
34003030300	0.00	0.21	0.40	0.11
34003030200	0.00	0.21	0.41	0.11
34003023402	0.00	0.15	0.29	0.08
34003021400	0.00	0.28	0.54	0.15
34003004000	0.00	0.18	0.35	0.10
34003054600	0.00	0.15	0.28	0.08
34003021300	0.00	0.30	0.57	0.16
34003023600	0.00	0.16	0.31	0.09
34003030400	0.00	0.22	0.43	0.12
34031175200	0.00	0.26	0.50	0.14
34003028001	0.00	0.13	0.26	0.07
34003025100	0.00	0.22	0.43	0.12
34003021500	0.00	0.26	0.50	0.14
34003021600	0.00	0.26	0.51	0.14
34003036100	0.00	0.14	0.27	0.07

Table D.76: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.19	0.37	0.10
34003046200	0.00	0.14	0.28	0.08
34003060000	0.00	0.17	0.33	0.09
34003046100	0.00	0.13	0.26	0.07
34031175900	0.00	0.21	0.41	0.11
34003057101	0.00	0.25	0.50	0.14
34003046300	0.00	0.12	0.23	0.06
34003057200	0.00	0.24	0.48	0.13
34003029100	0.00	0.16	0.32	0.09
34031175700	0.00	0.23	0.45	0.13
34003029200	0.00	0.17	0.33	0.09
34003041100	0.00	0.11	0.22	0.06
34003057102	0.00	0.14	0.28	0.08
34003012000	0.00	0.15	0.29	0.08
34003036200	0.00	0.15	0.30	0.09
34003005000	0.00	0.14	0.28	0.08
34003041300	0.00	0.10	0.19	0.05
34003045200	0.00	0.08	0.15	0.04
34003051100	0.00	0.20	0.39	0.11
34003045100	0.00	0.06	0.11	0.03
34003051300	0.00	0.13	0.25	0.07
34003051200	0.00	0.18	0.34	0.10
34003018200	0.00	0.10	0.18	0.05
34003051400	0.00	0.15	0.28	0.08
34017014600	0.00	0.07	0.13	0.04
34017019500	0.00	0.12	0.22	0.07

Table D.77: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.54	0.19
34003023100	0.00	0.01	0.55	0.19
34003023300	0.00	0.01	0.59	0.21
34003023200	0.00	0.01	0.56	0.20
34003033200	0.00	0.01	0.56	0.20
34003033300	0.00	0.01	0.61	0.21
34003054400	0.00	0.01	0.59	0.21
34003052200	0.00	0.01	0.68	0.24
34003023500	0.00	0.01	0.53	0.19
34003030100	0.00	0.01	0.48	0.17
34003054500	0.00	0.01	0.54	0.19
34003023401	0.00	0.01	0.57	0.20
34003030300	0.00	0.01	0.61	0.21
34003030200	0.00	0.01	0.64	0.22
34003023402	0.00	0.01	0.40	0.14
34003021400	0.00	0.01	0.78	0.27
34003004000	0.00	0.01	0.52	0.19
34003054600	0.00	0.01	0.39	0.14
34003021300	0.00	0.01	0.83	0.29
34003023600	0.00	0.01	0.45	0.16
34003030400	0.00	0.01	0.64	0.22
34031175200	0.00	0.01	0.80	0.28
34003028001	0.00	0.01	0.37	0.13
34003025100	0.00	0.01	0.59	0.21
34003021500	0.00	0.01	0.75	0.26
34003021600	0.00	0.01	0.78	0.27
34003036100	0.00	0.01	0.39	0.14

Table D.78: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.54	0.19
34003046200	0.00	0.01	0.39	0.14
34003060000	0.00	0.01	0.47	0.17
34003046100	0.00	0.01	0.35	0.13
34031175900	0.00	0.01	0.65	0.23
34003057101	0.00	0.01	0.74	0.26
34003046300	0.00	0.01	0.34	0.12
34003057200	0.00	0.01	0.70	0.25
34003029100	0.00	0.01	0.47	0.17
34031175700	0.00	0.01	0.64	0.23
34003029200	0.00	0.01	0.49	0.18
34003041100	0.00	0.01	0.33	0.12
34003057102	0.00	0.01	0.40	0.14
34003012000	0.00	0.01	0.39	0.14
34003036200	0.00	0.01	0.46	0.17
34003005000	0.00	0.01	0.38	0.14
34003041300	0.00	0.00	0.30	0.11
34003045200	0.00	0.00	0.21	0.08
34003051100	0.00	0.01	0.54	0.20
34003045100	0.00	0.00	0.18	0.07
34003051300	0.00	0.01	0.36	0.13
34003051200	0.00	0.01	0.47	0.17
34003018200	0.00	0.00	0.29	0.11
34003051400	0.00	0.01	0.38	0.15
34017014600	0.00	0.00	0.21	0.08
34017019500	0.00	0.01	0.34	0.13

Table D.79: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.20	0.13
34003023100	0.00	0.00	0.23	0.15
34003023300	0.00	0.00	0.28	0.18
34003023200	0.00	0.00	0.24	0.16
34003033200	0.00	0.00	0.24	0.15
34003033300	0.00	0.00	0.29	0.19
34003054400	0.00	0.00	0.29	0.19
34003052200	0.00	0.00	0.32	0.20
34003023500	0.00	0.00	0.21	0.14
34003030100	0.00	0.00	0.16	0.10
34003054500	0.00	0.00	0.25	0.16
34003023401	0.00	0.00	0.25	0.16
34003030300	0.00	0.00	0.26	0.17
34003030200	0.00	0.00	0.28	0.18
34003023402	0.00	0.00	0.12	0.08
34003021400	0.00	0.00	0.40	0.25
34003004000	0.00	0.00	0.21	0.14
34003054600	0.00	0.00	0.12	0.08
34003021300	0.00	0.00	0.44	0.27
34003023600	0.00	0.00	0.16	0.10
34003030400	0.00	0.00	0.30	0.19
34031175200	0.00	0.00	0.37	0.23
34003028001	0.00	0.00	0.12	0.08
34003025100	0.00	0.00	0.27	0.18
34003021500	0.00	0.00	0.36	0.22
34003021600	0.00	0.00	0.37	0.23
34003036100	0.00	0.00	0.11	0.07

Table D.80: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.23	0.15
34003046200	0.00	0.00	0.12	0.08
34003060000	0.00	0.00	0.16	0.10
34003046100	0.00	0.00	0.10	0.07
34031175900	0.00	0.00	0.25	0.15
34003057101	0.00	0.00	0.36	0.22
34003046300	0.00	0.00	0.10	0.06
34003057200	0.00	0.00	0.29	0.18
34003029100	0.00	0.00	0.19	0.13
34031175700	0.00	0.00	0.23	0.14
34003029200	0.00	0.00	0.20	0.13
34003041100	0.00	0.00	0.10	0.07
34003057102	0.00	0.00	0.12	0.07
34003012000	0.00	0.00	0.12	0.08
34003036200	0.00	0.00	0.17	0.11
34003005000	0.00	0.00	0.11	0.07
34003041300	0.00	0.00	0.09	0.06
34003045200	0.00	0.00	0.05	0.03
34003051100	0.00	0.00	0.19	0.12
34003045100	0.00	0.00	0.04	0.03
34003051300	0.00	0.00	0.10	0.07
34003051200	0.00	0.00	0.16	0.10
34003018200	0.00	0.00	0.09	0.07
34003051400	0.00	0.00	0.12	0.08
34017014600	0.00	0.00	0.06	0.04
34017019500	0.00	0.00	0.14	0.10

Table D.81: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.09	0.55	0.23
34003023100	0.00	0.08	0.54	0.23
34003023300	0.00	0.09	0.60	0.25
34003023200	0.00	0.08	0.55	0.23
34003033200	0.00	0.09	0.56	0.24
34003033300	0.00	0.10	0.62	0.26
34003054400	0.00	0.09	0.60	0.25
34003052200	0.00	0.11	0.72	0.30
34003023500	0.00	0.08	0.50	0.21
34003030100	0.00	0.07	0.49	0.21
34003054500	0.00	0.08	0.55	0.23
34003023401	0.00	0.08	0.56	0.24
34003030300	0.00	0.09	0.59	0.25
34003030200	0.00	0.09	0.62	0.26
34003023402	0.00	0.06	0.39	0.17
34003021400	0.00	0.12	0.81	0.34
34003004000	0.00	0.08	0.52	0.22
34003054600	0.00	0.06	0.38	0.16
34003021300	0.00	0.13	0.86	0.36
34003023600	0.00	0.07	0.43	0.19
34003030400	0.00	0.10	0.64	0.27
34031175200	0.00	0.12	0.77	0.32
34003028001	0.00	0.05	0.36	0.16
34003025100	0.00	0.09	0.62	0.26
34003021500	0.00	0.11	0.75	0.32
34003021600	0.00	0.12	0.77	0.33
34003036100	0.00	0.05	0.36	0.15

Table D.82: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.08	0.54	0.23
34003046200	0.00	0.06	0.39	0.17
34003060000	0.00	0.07	0.46	0.20
34003046100	0.00	0.05	0.35	0.15
34031175900	0.00	0.09	0.61	0.26
34003057101	0.00	0.11	0.75	0.32
34003046300	0.00	0.05	0.32	0.14
34003057200	0.00	0.11	0.70	0.30
34003029100	0.00	0.07	0.46	0.20
34031175700	0.00	0.10	0.64	0.27
34003029200	0.00	0.07	0.47	0.21
34003041100	0.00	0.05	0.31	0.13
34003057102	0.00	0.06	0.38	0.16
34003012000	0.00	0.06	0.38	0.17
34003036200	0.00	0.06	0.42	0.19
34003005000	0.00	0.06	0.37	0.16
34003041300	0.00	0.04	0.28	0.12
34003045200	0.00	0.03	0.20	0.09
34003051100	0.00	0.08	0.54	0.24
34003045100	0.00	0.02	0.16	0.07
34003051300	0.00	0.05	0.34	0.15
34003051200	0.00	0.07	0.47	0.21
34003018200	0.00	0.04	0.26	0.12
34003051400	0.00	0.06	0.37	0.17
34017014600	0.00	0.03	0.19	0.09
34017019500	0.00	0.06	0.34	0.16

Table D.83: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.02	0.49	0.15
34003023100	0.00	0.02	0.49	0.15
34003023300	0.00	0.02	0.53	0.16
34003023200	0.00	0.02	0.49	0.14
34003033200	0.00	0.02	0.51	0.15
34003033300	0.00	0.02	0.54	0.16
34003054400	0.00	0.02	0.52	0.15
34003052200	0.00	0.02	0.62	0.18
34003023500	0.00	0.01	0.46	0.14
34003030100	0.00	0.01	0.43	0.13
34003054500	0.00	0.01	0.47	0.14
34003023401	0.00	0.01	0.48	0.14
34003030300	0.00	0.02	0.52	0.16
34003030200	0.00	0.02	0.55	0.16
34003023402	0.00	0.01	0.35	0.10
34003021400	0.00	0.02	0.67	0.20
34003004000	0.00	0.01	0.45	0.13
34003054600	0.00	0.01	0.34	0.10
34003021300	0.00	0.02	0.71	0.21
34003023600	0.00	0.01	0.40	0.12
34003030400	0.00	0.02	0.55	0.16
34031175200	0.00	0.02	0.67	0.20
34003028001	0.00	0.01	0.32	0.09
34003025100	0.00	0.02	0.53	0.16
34003021500	0.00	0.02	0.65	0.19
34003021600	0.00	0.02	0.66	0.20
34003036100	0.00	0.01	0.34	0.10

Table D.84: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.48	0.14
34003046200	0.00	0.01	0.34	0.10
34003060000	0.00	0.01	0.41	0.12
34003046100	0.00	0.01	0.30	0.09
34031175900	0.00	0.02	0.55	0.16
34003057101	0.00	0.02	0.64	0.19
34003046300	0.00	0.01	0.29	0.09
34003057200	0.00	0.02	0.60	0.18
34003029100	0.00	0.01	0.41	0.12
34031175700	0.00	0.02	0.55	0.17
34003029200	0.00	0.01	0.43	0.13
34003041100	0.00	0.01	0.28	0.08
34003057102	0.00	0.01	0.35	0.11
34003012000	0.00	0.01	0.34	0.11
34003036200	0.00	0.01	0.40	0.12
34003005000	0.00	0.01	0.33	0.10
34003041300	0.00	0.01	0.25	0.08
34003045200	0.00	0.01	0.18	0.05
34003051100	0.00	0.01	0.47	0.15
34003045100	0.00	0.00	0.15	0.05
34003051300	0.00	0.01	0.31	0.10
34003051200	0.00	0.01	0.41	0.13
34003018200	0.00	0.01	0.24	0.08
34003051400	0.00	0.01	0.33	0.11
34017014600	0.00	0.01	0.17	0.06
34017019500	0.00	0.01	0.28	0.09

Table D.85: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.54	0.45
34003023100	0.00	0.00	0.53	0.45
34003023300	0.00	0.01	0.63	0.53
34003023200	0.00	0.01	0.58	0.48
34003033200	0.00	0.01	0.55	0.45
34003033300	0.00	0.01	0.65	0.54
34003054400	0.00	0.01	0.67	0.56
34003052200	0.00	0.01	0.73	0.61
34003023500	0.00	0.00	0.54	0.45
34003030100	0.00	0.00	0.51	0.42
34003054500	0.00	0.01	0.62	0.52
34003023401	0.00	0.01	0.61	0.51
34003030300	0.00	0.01	0.63	0.52
34003030200	0.00	0.01	0.66	0.55
34003023402	0.00	0.00	0.41	0.34
34003021400	0.00	0.01	0.87	0.72
34003004000	0.00	0.01	0.58	0.49
34003054600	0.00	0.00	0.43	0.37
34003021300	0.00	0.01	0.94	0.77
34003023600	0.00	0.00	0.45	0.38
34003030400	0.00	0.01	0.69	0.58
34031175200	0.00	0.01	0.86	0.71
34003028001	0.00	0.00	0.42	0.36
34003025100	0.00	0.01	0.65	0.54
34003021500	0.00	0.01	0.78	0.65
34003021600	0.00	0.01	0.84	0.69
34003036100	0.00	0.00	0.36	0.30

Table D.86: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.56	0.47
34003046200	0.00	0.00	0.43	0.37
34003060000	0.00	0.00	0.46	0.39
34003046100	0.00	0.00	0.39	0.34
34031175900	0.00	0.01	0.66	0.55
34003057101	0.00	0.01	0.81	0.68
34003046300	0.00	0.00	0.35	0.30
34003057200	0.00	0.01	0.75	0.63
34003029100	0.00	0.00	0.50	0.43
34031175700	0.00	0.01	0.70	0.59
34003029200	0.00	0.00	0.51	0.44
34003041100	0.00	0.00	0.35	0.30
34003057102	0.00	0.00	0.39	0.33
34003012000	0.00	0.00	0.39	0.33
34003036200	0.00	0.00	0.43	0.37
34003005000	0.00	0.00	0.37	0.32
34003041300	0.00	0.00	0.33	0.29
34003045200	0.00	0.00	0.21	0.19
34003051100	0.00	0.01	0.58	0.50
34003045100	0.00	0.00	0.18	0.16
34003051300	0.00	0.00	0.34	0.30
34003051200	0.00	0.00	0.50	0.43
34003018200	0.00	0.00	0.32	0.29
34003051400	0.00	0.00	0.39	0.35
34017014600	0.00	0.00	0.23	0.22
34017019500	0.00	0.00	0.38	0.36

Table D.87: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.36	0.28	0.04
34003023100	0.00	0.29	0.24	0.04
34003023300	0.00	0.27	0.22	0.03
34003023200	0.00	0.24	0.19	0.03
34003033200	0.00	0.33	0.26	0.04
34003033300	0.00	0.30	0.24	0.04
34003054400	0.00	0.26	0.21	0.03
34003052200	0.00	0.41	0.33	0.05
34003023500	0.00	0.21	0.17	0.03
34003030100	0.00	0.29	0.24	0.04
34003054500	0.00	0.24	0.20	0.03
34003023401	0.00	0.23	0.19	0.03
34003030300	0.00	0.24	0.19	0.03
34003030200	0.00	0.25	0.20	0.03
34003023402	0.00	0.21	0.18	0.03
34003021400	0.00	0.34	0.28	0.04
34003004000	0.00	0.23	0.19	0.03
34003054600	0.00	0.20	0.17	0.03
34003021300	0.00	0.36	0.30	0.05
34003023600	0.00	0.21	0.18	0.03
34003030400	0.00	0.26	0.22	0.03
34031175200	0.00	0.29	0.24	0.04
34003028001	0.00	0.17	0.15	0.02
34003025100	0.00	0.30	0.25	0.04
34003021500	0.00	0.32	0.27	0.04
34003021600	0.00	0.30	0.25	0.04
34003036100	0.00	0.21	0.18	0.03

Table D.88: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.25	0.21	0.03
34003046200	0.00	0.18	0.15	0.02
34003060000	0.00	0.26	0.22	0.03
34003046100	0.00	0.18	0.16	0.02
34031175900	0.00	0.28	0.24	0.04
34003057101	0.00	0.33	0.28	0.04
34003046300	0.00	0.15	0.13	0.02
34003057200	0.00	0.31	0.26	0.04
34003029100	0.00	0.19	0.17	0.03
34031175700	0.00	0.32	0.27	0.04
34003029200	0.00	0.23	0.20	0.03
34003041100	0.00	0.14	0.12	0.02
34003057102	0.00	0.23	0.19	0.03
34003012000	0.00	0.26	0.22	0.03
34003036200	0.00	0.20	0.17	0.03
34003005000	0.00	0.25	0.21	0.03
34003041300	0.00	0.11	0.10	0.02
34003045200	0.00	0.12	0.11	0.02
34003051100	0.00	0.31	0.25	0.04
34003045100	0.00	0.10	0.08	0.01
34003051300	0.00	0.21	0.17	0.03
34003051200	0.00	0.29	0.23	0.04
34003018200	0.00	0.12	0.10	0.02
34003051400	0.00	0.25	0.20	0.03
34017014600	0.00	0.11	0.09	0.02
34017019500	0.00	0.20	0.15	0.03

Table D.89: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.48	0.34
34003023100	0.00	0.00	0.45	0.31
34003023300	0.00	0.00	0.53	0.37
34003023200	0.00	0.00	0.46	0.32
34003033200	0.00	0.00	0.49	0.34
34003033300	0.00	0.00	0.53	0.38
34003054400	0.00	0.00	0.54	0.38
34003052200	0.00	0.00	0.62	0.44
34003023500	0.00	0.00	0.42	0.29
34003030100	0.00	0.00	0.42	0.30
34003054500	0.00	0.00	0.49	0.35
34003023401	0.00	0.00	0.46	0.32
34003030300	0.00	0.00	0.49	0.34
34003030200	0.00	0.00	0.51	0.36
34003023402	0.00	0.00	0.33	0.23
34003021400	0.00	0.00	0.67	0.47
34003004000	0.00	0.00	0.46	0.32
34003054600	0.00	0.00	0.35	0.25
34003021300	0.00	0.00	0.72	0.50
34003023600	0.00	0.00	0.37	0.26
34003030400	0.00	0.00	0.55	0.38
34031175200	0.00	0.00	0.64	0.45
34003028001	0.00	0.00	0.33	0.23
34003025100	0.00	0.00	0.54	0.38
34003021500	0.00	0.00	0.61	0.43
34003021600	0.00	0.00	0.62	0.44
34003036100	0.00	0.00	0.29	0.20

Table D.90: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.46	0.32
34003046200	0.00	0.00	0.34	0.24
34003060000	0.00	0.00	0.38	0.27
34003046100	0.00	0.00	0.31	0.22
34031175900	0.00	0.00	0.50	0.36
34003057101	0.00	0.00	0.62	0.44
34003046300	0.00	0.00	0.28	0.20
34003057200	0.00	0.00	0.58	0.41
34003029100	0.00	0.00	0.40	0.28
34031175700	0.00	0.00	0.57	0.41
34003029200	0.00	0.00	0.41	0.29
34003041100	0.00	0.00	0.27	0.19
34003057102	0.00	0.00	0.32	0.23
34003012000	0.00	0.00	0.32	0.24
34003036200	0.00	0.00	0.34	0.25
34003005000	0.00	0.00	0.31	0.23
34003041300	0.00	0.00	0.24	0.18
34003045200	0.00	0.00	0.17	0.12
34003051100	0.00	0.00	0.48	0.35
34003045100	0.00	0.00	0.14	0.10
34003051300	0.00	0.00	0.28	0.21
34003051200	0.00	0.00	0.41	0.31
34003018200	0.00	0.00	0.24	0.18
34003051400	0.00	0.00	0.32	0.25
34017014600	0.00	0.00	0.17	0.13
34017019500	0.00	0.00	0.29	0.23

Table D.91: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.25	0.05
34003023100	0.00	0.01	0.38	0.07
34003023300	0.00	0.01	0.39	0.07
34003023200	0.00	0.01	0.35	0.07
34003033200	0.00	0.01	0.33	0.06
34003033300	0.00	0.01	0.39	0.07
34003054400	0.00	0.01	0.42	0.08
34003052200	0.00	0.01	0.41	0.08
34003023500	0.00	0.01	0.31	0.06
34003030100	0.00	0.00	0.19	0.04
34003054500	0.00	0.01	0.36	0.07
34003023401	0.00	0.01	0.32	0.06
34003030300	0.00	0.01	0.35	0.06
34003030200	0.00	0.01	0.37	0.07
34003023402	0.00	0.00	0.14	0.03
34003021400	0.00	0.01	0.52	0.09
34003004000	0.00	0.01	0.29	0.06
34003054600	0.00	0.00	0.14	0.03
34003021300	0.00	0.01	0.54	0.10
34003023600	0.00	0.00	0.21	0.04
34003030400	0.00	0.01	0.38	0.07
34031175200	0.00	0.01	0.45	0.08
34003028001	0.00	0.00	0.15	0.03
34003025100	0.00	0.01	0.36	0.07
34003021500	0.00	0.01	0.49	0.09
34003021600	0.00	0.01	0.47	0.09
34003036100	0.00	0.00	0.16	0.03

Table D.92: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.29	0.06
34003046200	0.00	0.00	0.15	0.03
34003060000	0.00	0.00	0.19	0.04
34003046100	0.00	0.00	0.12	0.02
34031175900	0.00	0.01	0.29	0.05
34003057101	0.00	0.01	0.46	0.08
34003046300	0.00	0.00	0.11	0.02
34003057200	0.00	0.01	0.34	0.06
34003029100	0.00	0.01	0.26	0.05
34031175700	0.00	0.01	0.25	0.05
34003029200	0.00	0.01	0.29	0.06
34003041100	0.00	0.00	0.14	0.03
34003057102	0.00	0.00	0.14	0.03
34003012000	0.00	0.00	0.13	0.03
34003036200	0.00	0.01	0.29	0.06
34003005000	0.00	0.00	0.13	0.02
34003041300	0.00	0.00	0.11	0.02
34003045200	0.00	0.00	0.06	0.01
34003051100	0.00	0.00	0.21	0.04
34003045100	0.00	0.00	0.05	0.01
34003051300	0.00	0.00	0.12	0.02
34003051200	0.00	0.00	0.17	0.03
34003018200	0.00	0.00	0.13	0.03
34003051400	0.00	0.00	0.13	0.03
34017014600	0.00	0.00	0.07	0.02
34017019500	0.00	0.00	0.17	0.04

Table D.93: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.12	0.59	0.15
34003023100	0.00	0.12	0.59	0.15
34003023300	0.00	0.13	0.64	0.16
34003023200	0.00	0.12	0.58	0.15
34003033200	0.00	0.13	0.61	0.15
34003033300	0.00	0.13	0.66	0.17
34003054400	0.00	0.13	0.64	0.16
34003052200	0.00	0.16	0.76	0.19
34003023500	0.00	0.11	0.53	0.13
34003030100	0.00	0.10	0.51	0.13
34003054500	0.00	0.12	0.59	0.15
34003023401	0.00	0.12	0.58	0.15
34003030300	0.00	0.12	0.60	0.15
34003030200	0.00	0.13	0.63	0.16
34003023402	0.00	0.08	0.41	0.10
34003021400	0.00	0.16	0.82	0.21
34003004000	0.00	0.11	0.55	0.14
34003054600	0.00	0.08	0.40	0.10
34003021300	0.00	0.17	0.87	0.22
34003023600	0.00	0.09	0.47	0.12
34003030400	0.00	0.13	0.64	0.16
34031175200	0.00	0.15	0.76	0.19
34003028001	0.00	0.07	0.38	0.10
34003025100	0.00	0.13	0.64	0.16
34003021500	0.00	0.15	0.76	0.19
34003021600	0.00	0.15	0.77	0.20
34003036100	0.00	0.08	0.40	0.10

Table D.94: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.11	0.55	0.14
34003046200	0.00	0.08	0.40	0.10
34003060000	0.00	0.09	0.48	0.13
34003046100	0.00	0.07	0.36	0.09
34031175900	0.00	0.12	0.63	0.16
34003057101	0.00	0.15	0.77	0.20
34003046300	0.00	0.06	0.33	0.09
34003057200	0.00	0.14	0.70	0.18
34003029100	0.00	0.09	0.48	0.12
34031175700	0.00	0.13	0.63	0.16
34003029200	0.00	0.10	0.51	0.13
34003041100	0.00	0.06	0.33	0.08
34003057102	0.00	0.08	0.40	0.10
34003012000	0.00	0.08	0.40	0.11
34003036200	0.00	0.09	0.46	0.12
34003005000	0.00	0.08	0.38	0.10
34003041300	0.00	0.06	0.29	0.08
34003045200	0.00	0.04	0.21	0.06
34003051100	0.00	0.11	0.55	0.14
34003045100	0.00	0.03	0.17	0.05
34003051300	0.00	0.07	0.35	0.09
34003051200	0.00	0.10	0.47	0.13
34003018200	0.00	0.06	0.28	0.08
34003051400	0.00	0.08	0.38	0.11
34017014600	0.00	0.04	0.20	0.06
34017019500	0.00	0.07	0.34	0.10

Table D.95: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.09	0.50	0.21
34003023100	0.00	0.08	0.45	0.19
34003023300	0.00	0.10	0.53	0.22
34003023200	0.00	0.09	0.48	0.20
34003033200	0.00	0.09	0.50	0.21
34003033300	0.00	0.10	0.56	0.23
34003054400	0.00	0.09	0.52	0.22
34003052200	0.00	0.12	0.65	0.27
34003023500	0.00	0.08	0.44	0.18
34003030100	0.00	0.08	0.44	0.19
34003054500	0.00	0.09	0.47	0.20
34003023401	0.00	0.09	0.49	0.21
34003030300	0.00	0.09	0.51	0.22
34003030200	0.00	0.10	0.54	0.23
34003023402	0.00	0.06	0.35	0.15
34003021400	0.00	0.13	0.72	0.30
34003004000	0.00	0.08	0.45	0.19
34003054600	0.00	0.06	0.33	0.14
34003021300	0.00	0.14	0.76	0.32
34003023600	0.00	0.07	0.39	0.16
34003030400	0.00	0.10	0.56	0.24
34031175200	0.00	0.12	0.66	0.28
34003028001	0.00	0.05	0.31	0.13
34003025100	0.00	0.10	0.55	0.23
34003021500	0.00	0.12	0.65	0.27
34003021600	0.00	0.12	0.67	0.28
34003036100	0.00	0.06	0.32	0.14

Table D.96: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in MORRIS County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.09	0.48	0.20
34003046200	0.00	0.06	0.34	0.14
34003060000	0.00	0.08	0.42	0.18
34003046100	0.00	0.05	0.30	0.13
34031175900	0.00	0.10	0.55	0.23
34003057101	0.00	0.12	0.67	0.29
34003046300	0.00	0.05	0.28	0.12
34003057200	0.00	0.11	0.62	0.27
34003029100	0.00	0.07	0.39	0.17
34031175700	0.00	0.11	0.58	0.25
34003029200	0.00	0.07	0.42	0.18
34003041100	0.00	0.05	0.26	0.11
34003057102	0.00	0.06	0.35	0.15
34003012000	0.00	0.07	0.35	0.16
34003036200	0.00	0.07	0.37	0.16
34003005000	0.00	0.06	0.34	0.15
34003041300	0.00	0.04	0.23	0.10
34003045200	0.00	0.03	0.17	0.08
34003051100	0.00	0.09	0.49	0.22
34003045100	0.00	0.03	0.14	0.06
34003051300	0.00	0.06	0.31	0.14
34003051200	0.00	0.08	0.43	0.19
34003018200	0.00	0.04	0.22	0.10
34003051400	0.00	0.07	0.34	0.16
34017014600	0.00	0.03	0.17	0.08
34017019500	0.00	0.06	0.30	0.14

Table D.97: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.06	4.14	1.16
34003023100	0.00	0.04	2.76	0.78
34003023300	0.00	0.05	3.31	0.94
34003023200	0.00	0.05	2.84	0.80
34003033200	0.00	0.06	3.69	1.03
34003033300	0.00	0.06	3.61	1.04
34003054400	0.00	0.04	2.78	0.78
34003052200	0.00	0.10	6.61	2.02
34003023500	0.00	0.04	2.56	0.74
34003030100	0.00	0.05	2.86	0.91
34003054500	0.00	0.04	2.28	0.63
34003023401	0.00	0.05	2.92	0.86
34003030300	0.00	0.07	4.06	1.37
34003030200	0.00	0.08	4.77	1.62
34003023402	0.00	0.03	1.94	0.59
34003021400	0.00	0.12	7.68	2.74
34003004000	0.00	0.03	2.13	0.60
34003054600	0.00	0.02	1.37	0.38
34003021300	0.00	0.18	10.99	4.53
34003023600	0.00	0.03	1.91	0.56
34003030400	0.00	0.07	4.08	1.38
34031175200	0.00	0.40	24.23	24.02
34003028001	0.00	0.02	1.10	0.30
34003025100	0.00	0.05	3.35	1.03
34003021500	0.00	0.12	7.94	3.07
34003021600	0.00	0.18	11.96	5.50
34003036100	0.00	0.03	1.53	0.45

Table D.98: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.05	3.29	1.04
34003046200	0.00	0.02	1.34	0.38
34003060000	0.00	0.05	3.04	0.93
34003046100	0.00	0.02	1.07	0.31
34031175900	0.00	0.55	31.90	23.93
34003057101	0.00	0.11	7.49	2.65
34003046300	0.00	0.02	1.01	0.30
34003057200	0.00	0.20	13.69	5.89
34003029100	0.00	0.03	1.70	0.50
34031175700	0.00	0.34	52.60	10.68
34003029200	0.00	0.03	1.76	0.52
34003041100	0.00	0.02	0.87	0.25
34003057102	0.00	0.07	4.59	1.61
34003012000	0.00	0.06	3.67	1.17
34003036200	0.00	0.03	1.79	0.54
34003005000	0.00	0.04	2.62	0.84
34003041300	0.00	0.01	0.72	0.21
34003045200	0.00	0.01	0.51	0.15
34003051100	0.00	0.11	8.80	2.39
34003045100	0.00	0.01	0.41	0.12
34003051300	0.00	0.05	3.27	0.98
34003051200	0.00	0.08	6.13	1.67
34003018200	0.00	0.01	0.72	0.23
34003051400	0.00	0.05	3.44	0.98
34017014600	0.00	0.01	0.73	0.23
34017019500	0.00	0.03	1.48	0.47

Table D.99: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	2.05	3.05	0.43
34003023100	0.00	1.20	1.77	0.25
34003023300	0.00	1.48	2.16	0.31
34003023200	0.00	1.24	1.82	0.26
34003033200	0.00	1.70	2.54	0.36
34003033300	0.00	1.70	2.47	0.36
34003054400	0.00	1.17	1.74	0.24
34003052200	0.00	3.28	4.61	0.70
34003023500	0.00	1.13	1.63	0.24
34003030100	0.00	1.61	2.18	0.34
34003054500	0.00	0.96	1.45	0.20
34003023401	0.00	1.37	1.95	0.29
34003030300	0.00	2.09	2.70	0.45
34003030200	0.00	2.45	3.16	0.53
34003023402	0.00	1.04	1.45	0.22
34003021400	0.00	4.10	5.14	0.90
34003004000	0.00	0.93	1.37	0.19
34003054600	0.00	0.66	0.99	0.14
34003021300	0.00	6.44	7.41	1.48
34003023600	0.00	0.91	1.31	0.19
34003030400	0.00	2.13	2.75	0.46
34031175200	0.00	24.30	16.48	7.57
34003028001	0.00	0.51	0.76	0.11
34003025100	0.00	1.65	2.27	0.35
34003021500	0.00	4.40	5.25	1.00
34003021600	0.00	7.45	8.08	1.81
34003036100	0.00	0.78	1.10	0.16

Table D.100: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.64	2.22	0.35
34003046200	0.00	0.66	0.97	0.14
34003060000	0.00	1.57	2.22	0.34
34003046100	0.00	0.56	0.80	0.12
34031175900	0.00	24.89	21.77	8.32
34003057101	0.00	3.85	4.99	0.88
34003046300	0.00	0.52	0.74	0.11
34003057200	0.00	8.32	9.66	2.07
34003029100	0.00	0.79	1.12	0.17
34031175700	0.00	16.97	38.04	3.84
34003029200	0.00	0.82	1.16	0.17
34003041100	0.00	0.42	0.60	0.09
34003057102	0.00	2.68	3.51	0.61
34003012000	0.00	2.05	2.88	0.46
34003036200	0.00	0.84	1.19	0.18
34003005000	0.00	1.49	2.07	0.33
34003041300	0.00	0.34	0.49	0.07
34003045200	0.00	0.29	0.40	0.06
34003051100	0.00	3.96	6.38	0.87
34003045100	0.00	0.21	0.29	0.05
34003051300	0.00	1.75	2.52	0.38
34003051200	0.00	2.92	4.56	0.62
34003018200	0.00	0.36	0.48	0.08
34003051400	0.00	1.80	2.65	0.38
34017014600	0.00	0.38	0.50	0.08
34017019500	0.00	0.77	1.02	0.16

Table D.101: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.05	3.54	0.47
34003023100	0.00	0.03	2.37	0.33
34003023300	0.00	0.04	2.83	0.38
34003023200	0.00	0.04	2.55	0.35
34003033200	0.00	0.04	3.09	0.41
34003033300	0.00	0.04	3.13	0.43
34003054400	0.00	0.03	2.34	0.32
34003052200	0.00	0.08	5.45	0.76
34003023500	0.00	0.03	2.40	0.33
34003030100	0.00	0.04	2.59	0.38
34003054500	0.00	0.03	1.96	0.27
34003023401	0.00	0.04	2.76	0.39
34003030300	0.00	0.06	3.81	0.58
34003030200	0.00	0.07	4.46	0.68
34003023402	0.00	0.03	1.86	0.27
34003021400	0.00	0.11	6.72	1.06
34003004000	0.00	0.03	1.91	0.26
34003054600	0.00	0.02	1.28	0.18
34003021300	0.01	0.17	9.62	1.67
34003023600	0.00	0.03	1.79	0.25
34003030400	0.00	0.06	3.67	0.57
34031175200	0.01	0.71	21.71	8.76
34003028001	0.00	0.01	1.05	0.15
34003025100	0.00	0.04	2.85	0.42
34003021500	0.00	0.12	7.03	1.20
34003021600	0.01	0.21	10.93	2.18
34003036100	0.00	0.02	1.48	0.21

Table D.102: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.04	2.98	0.44
34003046200	0.00	0.02	1.29	0.18
34003060000	0.00	0.04	2.85	0.41
34003046100	0.00	0.01	1.03	0.15
34031175900	0.01	0.85	29.24	11.09
34003057101	0.00	0.10	6.68	1.06
34003046300	0.00	0.01	1.01	0.15
34003057200	0.01	0.23	12.51	2.44
34003029100	0.00	0.02	1.57	0.23
34031175700	0.00	0.40	46.48	4.03
34003029200	0.00	0.02	1.59	0.24
34003041100	0.00	0.01	0.87	0.13
34003057102	0.00	0.07	4.43	0.70
34003012000	0.00	0.05	3.52	0.52
34003036200	0.00	0.03	1.67	0.25
34003005000	0.00	0.04	2.52	0.38
34003041300	0.00	0.01	0.74	0.11
34003045200	0.00	0.01	0.53	0.08
34003051100	0.00	0.10	8.03	1.00
34003045100	0.00	0.01	0.44	0.07
34003051300	0.00	0.05	3.27	0.46
34003051200	0.00	0.07	5.76	0.73
34003018200	0.00	0.01	0.73	0.12
34003051400	0.00	0.05	3.34	0.46
34017014600	0.00	0.01	0.78	0.13
34017019500	0.00	0.02	1.47	0.24

Table D.103: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	2.53	0.47
34003023100	0.00	0.01	1.69	0.34
34003023300	0.00	0.01	2.37	0.46
34003023200	0.00	0.01	1.87	0.37
34003033200	0.00	0.01	2.40	0.45
34003033300	0.00	0.01	2.80	0.54
34003054400	0.00	0.01	1.92	0.38
34003052200	0.00	0.02	5.42	1.02
34003023500	0.00	0.01	1.72	0.34
34003030100	0.00	0.01	1.80	0.36
34003054500	0.00	0.00	1.45	0.29
34003023401	0.00	0.01	2.24	0.44
34003030300	0.00	0.01	3.61	0.74
34003030200	0.00	0.02	4.42	0.89
34003023402	0.00	0.00	1.06	0.21
34003021400	0.00	0.03	8.44	1.74
34003004000	0.00	0.00	1.34	0.27
34003054600	0.00	0.00	0.65	0.13
34003021300	0.00	0.05	13.46	3.00
34003023600	0.00	0.00	1.12	0.22
34003030400	0.00	0.01	3.88	0.80
34031175200	0.00	0.12	39.56	18.79
34003028001	0.00	0.00	0.52	0.11
34003025100	0.00	0.01	2.77	0.54
34003021500	0.00	0.03	9.06	1.97
34003021600	0.00	0.05	16.05	4.03
34003036100	0.00	0.00	0.82	0.16

Table D.104: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	2.81	0.54
34003046200	0.00	0.00	0.70	0.14
34003060000	0.00	0.01	2.23	0.40
34003046100	0.00	0.00	0.52	0.11
34031175900	0.00	0.19	48.85	20.63
34003057101	0.00	0.03	8.79	1.71
34003046300	0.00	0.00	0.50	0.11
34003057200	0.00	0.05	17.12	3.97
34003029100	0.00	0.00	1.14	0.23
34031175700	0.00	0.06	73.20	5.99
34003029200	0.00	0.00	1.23	0.25
34003041100	0.00	0.00	0.45	0.10
34003057102	0.00	0.01	3.73	0.70
34003012000	0.00	0.01	2.69	0.46
34003036200	0.00	0.00	1.19	0.24
34003005000	0.00	0.01	1.75	0.32
34003041300	0.00	0.00	0.36	0.08
34003045200	0.00	0.00	0.21	0.05
34003051100	0.00	0.02	8.54	1.13
34003045100	0.00	0.00	0.16	0.04
34003051300	0.00	0.01	2.38	0.38
34003051200	0.00	0.01	5.09	0.71
34003018200	0.00	0.00	0.39	0.09
34003051400	0.00	0.01	2.35	0.38
34017014600	0.00	0.00	0.36	0.08
34017019500	0.00	0.00	1.07	0.23

Table D.105: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.34	0.86	3.70	0.51
34003023100	0.15	0.56	2.35	0.33
34003023300	0.22	0.69	2.91	0.41
34003023200	0.19	0.60	2.53	0.36
34003033200	0.26	0.74	3.17	0.44
34003033300	0.23	0.78	3.27	0.47
34003054400	0.15	0.57	2.43	0.34
34003052200	0.44	1.47	5.93	0.86
34003023500	0.14	0.56	2.29	0.33
34003030100	0.13	0.70	2.72	0.42
34003054500	0.12	0.47	2.01	0.28
34003023401	0.17	0.67	2.75	0.40
34003030300	0.22	1.03	3.79	0.61
34003030200	0.26	1.21	4.45	0.71
34003023402	0.09	0.47	1.85	0.28
34003021400	0.47	2.01	7.18	1.18
34003004000	0.09	0.46	1.91	0.28
34003054600	0.06	0.30	1.29	0.18
34003021300	0.76	3.20	10.35	1.88
34003023600	0.08	0.43	1.74	0.26
34003030400	0.24	1.04	3.80	0.62
34031175200	0.86	14.40	22.28	9.36
34003028001	0.05	0.24	1.03	0.15
34003025100	0.19	0.78	3.04	0.47
34003021500	0.51	2.19	7.30	1.30
34003021600	0.72	3.85	11.32	2.37
34003036100	0.08	0.35	1.40	0.21

Table D.106: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.21	0.78	3.02	0.47
34003046200	0.05	0.31	1.28	0.19
34003060000	0.22	0.72	2.85	0.43
34003046100	0.05	0.25	1.03	0.16
34031175900	0.59	14.71	28.64	11.36
34003057101	0.52	1.94	6.98	1.16
34003046300	0.05	0.24	0.97	0.15
34003057200	0.63	4.20	13.08	2.68
34003029100	0.09	0.39	1.55	0.24
34031175700	0.52	8.68	48.29	4.55
34003029200	0.11	0.40	1.58	0.24
34003041100	0.04	0.20	0.82	0.12
34003057102	0.27	1.19	4.34	0.72
34003012000	0.24	0.90	3.53	0.54
34003036200	0.12	0.40	1.58	0.25
34003005000	0.19	0.65	2.53	0.40
34003041300	0.04	0.17	0.69	0.11
34003045200	0.03	0.13	0.50	0.08
34003051100	0.35	1.82	8.23	1.08
34003045100	0.03	0.10	0.39	0.06
34003051300	0.19	0.78	3.17	0.46
34003051200	0.27	1.33	5.87	0.78
34003018200	0.05	0.18	0.67	0.11
34003051400	0.19	0.81	3.37	0.48
34017014600	0.05	0.19	0.71	0.12
34017019500	0.12	0.40	1.48	0.24

Table D.107: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.10	3.41	0.69
34003023100	0.00	0.07	2.23	0.46
34003023300	0.00	0.08	2.62	0.54
34003023200	0.00	0.07	2.31	0.47
34003033200	0.00	0.09	2.98	0.60
34003033300	0.00	0.09	2.90	0.61
34003054400	0.00	0.06	2.14	0.43
34003052200	0.00	0.16	5.29	1.17
34003023500	0.00	0.06	2.15	0.45
34003030100	0.00	0.08	2.45	0.56
34003054500	0.00	0.05	1.78	0.35
34003023401	0.00	0.07	2.45	0.52
34003030300	0.00	0.11	3.48	0.85
34003030200	0.00	0.13	4.08	1.00
34003023402	0.00	0.05	1.71	0.37
34003021400	0.00	0.21	6.22	1.60
34003004000	0.00	0.05	1.72	0.35
34003054600	0.00	0.03	1.16	0.23
34003021300	0.00	0.32	8.93	2.63
34003023600	0.00	0.05	1.64	0.35
34003030400	0.00	0.11	3.39	0.82
34031175200	0.00	1.20	20.68	14.56
34003028001	0.00	0.03	0.93	0.18
34003025100	0.00	0.08	2.72	0.61
34003021500	0.00	0.23	6.60	1.84
34003021600	0.00	0.38	10.13	3.35
34003036100	0.00	0.04	1.36	0.29

Table D.108: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.09	2.81	0.64
34003046200	0.00	0.03	1.16	0.24
34003060000	0.00	0.08	2.68	0.60
34003046100	0.00	0.03	0.93	0.19
34031175900	0.00	1.19	28.16	15.60
34003057101	0.00	0.20	6.20	1.58
34003046300	0.00	0.03	0.90	0.19
34003057200	0.00	0.40	11.76	3.66
34003029100	0.00	0.04	1.43	0.31
34031175700	0.00	0.92	45.36	6.61
34003029200	0.00	0.05	1.47	0.32
34003041100	0.00	0.02	0.76	0.16
34003057102	0.00	0.13	4.22	1.07
34003012000	0.00	0.10	3.32	0.76
34003036200	0.00	0.05	1.54	0.34
34003005000	0.00	0.07	2.37	0.55
34003041300	0.00	0.02	0.64	0.14
34003045200	0.00	0.01	0.47	0.10
34003051100	0.00	0.20	7.64	1.50
34003045100	0.00	0.01	0.39	0.09
34003051300	0.00	0.09	3.02	0.66
34003051200	0.00	0.15	5.40	1.06
34003018200	0.00	0.02	0.63	0.14
34003051400	0.00	0.09	3.06	0.63
34017014600	0.00	0.02	0.65	0.15
34017019500	0.00	0.04	1.26	0.29

Table D.109: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	3.54	0.96
34003023100	0.00	0.01	2.32	0.66
34003023300	0.00	0.01	3.03	0.85
34003023200	0.00	0.01	2.66	0.75
34003033200	0.00	0.01	3.04	0.83
34003033300	0.00	0.01	3.35	0.94
34003054400	0.00	0.01	2.67	0.76
34003052200	0.00	0.02	5.89	1.67
34003023500	0.00	0.01	2.42	0.70
34003030100	0.00	0.01	2.76	0.83
34003054500	0.00	0.01	2.26	0.64
34003023401	0.00	0.01	2.99	0.86
34003030300	0.00	0.01	3.96	1.24
34003030200	0.00	0.02	4.65	1.44
34003023402	0.00	0.01	1.91	0.56
34003021400	0.00	0.03	7.58	2.42
34003004000	0.00	0.01	2.13	0.61
34003054600	0.00	0.00	1.45	0.42
34003021300	0.00	0.04	11.00	3.85
34003023600	0.00	0.01	1.77	0.52
34003030400	0.00	0.01	4.04	1.28
34031175200	0.00	0.18	24.29	19.17
34003028001	0.00	0.00	1.20	0.35
34003025100	0.00	0.01	3.13	0.95
34003021500	0.00	0.03	7.46	2.58
34003021600	0.00	0.04	11.99	4.82
34003036100	0.00	0.00	1.37	0.41

Table D.110: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	3.11	0.95
34003046200	0.00	0.00	1.43	0.42
34003060000	0.00	0.01	2.83	0.84
34003046100	0.00	0.00	1.15	0.35
34031175900	0.00	0.05	30.33	23.21
34003057101	0.00	0.03	7.36	2.38
34003046300	0.00	0.00	1.06	0.33
34003057200	0.00	0.04	13.69	5.40
34003029100	0.00	0.01	1.67	0.51
34031175700	0.00	0.18	51.38	9.26
34003029200	0.00	0.01	1.68	0.52
34003041100	0.00	0.00	0.93	0.29
34003057102	0.00	0.01	4.33	1.40
34003012000	0.00	0.01	3.51	1.06
34003036200	0.00	0.01	1.58	0.49
34003005000	0.00	0.01	2.52	0.78
34003041300	0.00	0.00	0.82	0.26
34003045200	0.00	0.00	0.54	0.18
34003051100	0.00	0.03	8.61	2.20
34003045100	0.00	0.00	0.43	0.14
34003051300	0.00	0.01	3.20	0.92
34003051200	0.00	0.02	6.08	1.59
34003018200	0.00	0.00	0.81	0.27
34003051400	0.00	0.01	3.43	0.97
34017014600	0.00	0.00	0.84	0.29
34017019500	0.00	0.01	1.65	0.55

Table D.111: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	3.96	1.92	0.11
34003023100	0.01	2.21	1.06	0.06
34003023300	0.01	2.28	1.09	0.07
34003023200	0.00	1.84	0.88	0.05
34003033200	0.01	3.06	1.50	0.09
34003033300	0.01	2.74	1.30	0.08
34003054400	0.00	1.77	0.87	0.05
34003052200	0.02	6.24	2.79	0.18
34003023500	0.00	1.69	0.80	0.05
34003030100	0.00	3.18	1.36	0.09
34003054500	0.00	1.50	0.75	0.04
34003023401	0.00	2.03	0.94	0.06
34003030300	0.01	3.19	1.28	0.09
34003030200	0.01	3.75	1.49	0.10
34003023402	0.00	1.93	0.87	0.06
34003021400	0.01	6.68	2.57	0.19
34003004000	0.00	1.47	0.72	0.04
34003054600	0.00	1.13	0.57	0.03
34003021300	0.02	11.04	3.66	0.30
34003023600	0.00	1.56	0.73	0.05
34003030400	0.01	3.32	1.33	0.09
34031175200	0.02	49.74	7.12	1.38
34003028001	0.00	0.84	0.43	0.03
34003025100	0.01	2.92	1.29	0.08
34003021500	0.01	7.64	2.70	0.21
34003021600	0.02	12.20	3.76	0.35
34003036100	0.00	1.51	0.70	0.04

Table D.112: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	2.80	1.21	0.08
34003046200	0.00	1.08	0.52	0.03
34003060000	0.01	3.14	1.42	0.09
34003046100	0.00	0.99	0.47	0.03
34031175900	0.02	42.56	11.77	2.10
34003057101	0.01	6.78	2.65	0.19
34003046300	0.00	0.88	0.42	0.03
34003057200	0.02	14.38	5.08	0.47
34003029100	0.00	1.21	0.57	0.04
34031175700	0.02	39.55	21.42	0.88
34003029200	0.00	1.42	0.66	0.04
34003041100	0.00	0.68	0.33	0.02
34003057102	0.01	5.79	2.31	0.17
34003012000	0.01	4.75	2.08	0.14
34003036200	0.00	1.41	0.65	0.04
34003005000	0.01	3.43	1.51	0.10
34003041300	0.00	0.52	0.25	0.02
34003045200	0.00	0.59	0.28	0.02
34003051100	0.01	8.01	3.99	0.23
34003045100	0.00	0.43	0.20	0.01
34003051300	0.01	3.75	1.68	0.11
34003051200	0.01	6.09	2.98	0.17
34003018200	0.00	0.57	0.26	0.02
34003051400	0.01	3.86	1.82	0.11
34017014600	0.00	0.76	0.33	0.02
34017019500	0.00	1.58	0.68	0.05

Table D.113: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	3.34	1.46
34003023100	0.00	0.01	2.03	0.90
34003023300	0.00	0.01	2.66	1.18
34003023200	0.00	0.01	2.21	0.97
34003033200	0.00	0.01	2.87	1.24
34003033300	0.00	0.01	2.91	1.31
34003054400	0.00	0.01	2.25	0.98
34003052200	0.00	0.01	5.32	2.53
34003023500	0.00	0.01	1.98	0.90
34003030100	0.00	0.01	2.44	1.20
34003054500	0.00	0.01	1.86	0.80
34003023401	0.00	0.01	2.37	1.09
34003030300	0.00	0.01	3.25	1.70
34003030200	0.00	0.01	3.81	2.00
34003023402	0.00	0.00	1.64	0.77
34003021400	0.00	0.02	6.29	3.47
34003004000	0.00	0.00	1.75	0.77
34003054600	0.00	0.00	1.21	0.52
34003021300	0.00	0.02	9.03	5.71
34003023600	0.00	0.00	1.53	0.70
34003030400	0.00	0.01	3.41	1.79
34031175200	0.00	0.04	20.05	29.98
34003028001	0.00	0.00	0.97	0.41
34003025100	0.00	0.01	2.76	1.33
34003021500	0.00	0.02	6.30	3.77
34003021600	0.00	0.02	9.69	6.89
34003036100	0.00	0.00	1.17	0.54

Table D.114: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	2.69	1.32
34003046200	0.00	0.00	1.17	0.52
34003060000	0.00	0.01	2.50	1.19
34003046100	0.00	0.00	0.96	0.44
34031175900	0.00	0.06	26.43	31.35
34003057101	0.00	0.01	6.14	3.36
34003046300	0.00	0.00	0.87	0.40
34003057200	0.00	0.02	11.56	7.75
34003029100	0.00	0.00	1.39	0.64
34031175700	0.00	0.03	47.59	14.61
34003029200	0.00	0.00	1.42	0.66
34003041100	0.00	0.00	0.74	0.33
34003057102	0.00	0.01	3.87	2.11
34003012000	0.00	0.01	3.15	1.56
34003036200	0.00	0.00	1.33	0.63
34003005000	0.00	0.01	2.25	1.12
34003041300	0.00	0.00	0.63	0.29
34003045200	0.00	0.00	0.45	0.21
34003051100	0.00	0.01	7.75	3.26
34003045100	0.00	0.00	0.34	0.16
34003051300	0.00	0.01	2.79	1.30
34003051200	0.00	0.01	5.45	2.30
34003018200	0.00	0.00	0.62	0.30
34003051400	0.00	0.01	3.04	1.35
34017014600	0.00	0.00	0.64	0.32
34017019500	0.00	0.00	1.32	0.66

Table D.115: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.28	0.12	3.20	0.15
34003023100	0.21	0.10	2.84	0.15
34003023300	0.27	0.12	3.27	0.17
34003023200	0.22	0.10	2.72	0.14
34003033200	0.30	0.13	3.39	0.17
34003033300	0.35	0.14	3.77	0.19
34003054400	0.19	0.10	2.82	0.15
34003052200	0.93	0.29	7.08	0.35
34003023500	0.19	0.09	2.49	0.13
34003030100	0.22	0.09	2.08	0.11
34003054500	0.13	0.07	2.12	0.11
34003023401	0.25	0.11	2.91	0.15
34003030300	0.55	0.22	4.78	0.26
34003030200	0.78	0.27	5.85	0.31
34003023402	0.10	0.05	1.23	0.06
34003021400	1.82	0.53	10.82	0.59
34003004000	0.11	0.06	1.81	0.09
34003054600	0.04	0.03	0.76	0.04
34003021300	3.68	0.92	16.67	0.99
34003023600	0.10	0.06	1.49	0.08
34003030400	0.39	0.22	4.88	0.26
34031175200	4.16	4.90	47.52	6.31
34003028001	0.03	0.02	0.65	0.04
34003025100	0.21	0.15	3.63	0.18
34003021500	1.24	0.67	12.45	0.71
34003021600	2.51	1.32	20.39	1.34
34003036100	0.07	0.04	1.16	0.06

Table D.116: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.25	0.15	3.62	0.18
34003046200	0.05	0.03	0.83	0.04
34003060000	0.23	0.11	2.78	0.13
34003046100	0.03	0.02	0.59	0.03
34031175900	1.70	6.37	58.57	6.00
34003057101	1.14	0.53	11.37	0.58
34003046300	0.03	0.02	0.59	0.03
34003057200	1.32	1.26	20.14	1.20
34003029100	0.09	0.06	1.57	0.08
34031175700	0.62	1.30	79.39	1.95
34003029200	0.11	0.07	1.77	0.09
34003041100	0.03	0.02	0.59	0.03
34003057102	0.32	0.20	4.33	0.21
34003012000	0.20	0.12	3.08	0.14
34003036200	0.14	0.08	2.05	0.11
34003005000	0.16	0.08	2.01	0.10
34003041300	0.02	0.02	0.46	0.03
34003045200	0.01	0.01	0.25	0.01
34003051100	0.34	0.31	9.56	0.33
34003045100	0.01	0.01	0.20	0.01
34003051300	0.14	0.10	2.74	0.11
34003051200	0.19	0.18	5.62	0.20
34003018200	0.03	0.02	0.54	0.03
34003051400	0.12	0.09	2.63	0.11
34017014600	0.03	0.02	0.44	0.03
34017019500	0.08	0.05	1.29	0.07

Table D.117: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.62	1.11	3.95	0.33
34003023100	0.41	0.74	2.60	0.23
34003023300	0.51	0.88	3.08	0.27
34003023200	0.44	0.76	2.68	0.23
34003033200	0.57	0.96	3.44	0.29
34003033300	0.57	0.99	3.46	0.30
34003054400	0.40	0.72	2.57	0.22
34003052200	0.96	1.89	6.26	0.56
34003023500	0.38	0.70	2.42	0.21
34003030100	0.43	0.89	2.82	0.26
34003054500	0.32	0.59	2.14	0.18
34003023401	0.45	0.84	2.84	0.25
34003030300	0.56	1.28	3.83	0.37
34003030200	0.66	1.51	4.49	0.44
34003023402	0.29	0.58	1.94	0.18
34003021400	1.02	2.52	7.26	0.73
34003004000	0.29	0.57	2.02	0.18
34003054600	0.19	0.37	1.34	0.12
34003021300	1.40	4.11	10.36	1.15
34003023600	0.27	0.54	1.87	0.17
34003030400	0.55	1.27	3.81	0.38
34031175200	1.31	19.69	21.83	5.72
34003028001	0.15	0.30	1.08	0.09
34003025100	0.44	0.97	3.15	0.29
34003021500	0.96	2.80	7.42	0.81
34003021600	1.19	4.89	11.28	1.44
34003036100	0.21	0.46	1.56	0.14

Table D.118: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.43	0.98	3.12	0.29
34003046200	0.18	0.38	1.32	0.12
34003060000	0.35	0.91	3.02	0.28
34003046100	0.15	0.31	1.06	0.10
34031175900	0.91	16.89	29.63	7.13
34003057101	0.79	2.44	7.12	0.72
34003046300	0.14	0.29	1.01	0.09
34003057200	0.88	5.13	13.10	1.63
34003029100	0.22	0.48	1.62	0.15
34031175700	1.24	10.93	47.64	2.79
34003029200	0.23	0.50	1.69	0.16
34003041100	0.12	0.25	0.86	0.08
34003057102	0.42	1.54	4.54	0.46
34003012000	0.43	1.15	3.68	0.34
34003036200	0.23	0.52	1.74	0.17
34003005000	0.32	0.83	2.65	0.25
34003041300	0.10	0.21	0.71	0.07
34003045200	0.07	0.16	0.53	0.05
34003051100	0.77	2.27	8.38	0.67
34003045100	0.06	0.13	0.42	0.04
34003051300	0.41	1.00	3.29	0.29
34003051200	0.69	1.64	5.94	0.48
34003018200	0.10	0.22	0.71	0.07
34003051400	0.47	1.01	3.46	0.30
34017014600	0.12	0.24	0.75	0.08
34017019500	0.24	0.49	1.52	0.15

Table D.119: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.61	0.92	3.36	0.47
34003023100	0.26	0.55	2.00	0.28
34003023300	0.38	0.72	2.60	0.37
34003023200	0.33	0.61	2.22	0.31
34003033200	0.46	0.77	2.82	0.39
34003033300	0.42	0.82	2.95	0.42
34003054400	0.25	0.57	2.09	0.29
34003052200	0.81	1.59	5.43	0.80
34003023500	0.23	0.57	2.01	0.29
34003030100	0.24	0.76	2.50	0.39
34003054500	0.19	0.46	1.72	0.24
34003023401	0.30	0.71	2.47	0.36
34003030300	0.38	1.09	3.35	0.54
34003030200	0.46	1.28	3.93	0.64
34003023402	0.16	0.50	1.70	0.26
34003021400	0.86	2.20	6.51	1.10
34003004000	0.16	0.45	1.66	0.24
34003054600	0.11	0.30	1.13	0.16
34003021300	1.41	3.64	9.40	1.76
34003023600	0.13	0.44	1.56	0.23
34003030400	0.43	1.11	3.42	0.56
34031175200	1.50	18.42	19.79	8.89
34003028001	0.08	0.23	0.87	0.12
34003025100	0.34	0.81	2.74	0.42
34003021500	0.90	2.38	6.48	1.19
34003021600	1.28	4.30	10.12	2.19
34003036100	0.14	0.37	1.28	0.19

Table D.120: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in PASSAIC County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.36	0.83	2.75	0.43
34003046200	0.09	0.31	1.13	0.17
34003060000	0.39	0.78	2.66	0.41
34003046100	0.09	0.25	0.89	0.13
34031175900	1.07	15.31	26.98	11.04
34003057101	0.91	2.11	6.37	1.09
34003046300	0.09	0.24	0.85	0.13
34003057200	1.11	4.58	11.96	2.52
34003029100	0.14	0.38	1.34	0.20
34031175700	0.93	9.74	45.91	4.61
34003029200	0.18	0.40	1.39	0.22
34003041100	0.06	0.19	0.69	0.10
34003057102	0.49	1.35	4.10	0.69
34003012000	0.42	1.00	3.33	0.52
34003036200	0.20	0.41	1.42	0.22
34003005000	0.35	0.72	2.39	0.38
34003041300	0.06	0.16	0.58	0.09
34003045200	0.05	0.13	0.44	0.07
34003051100	0.62	2.00	7.69	1.02
34003045100	0.04	0.10	0.35	0.06
34003051300	0.34	0.86	2.97	0.44
34003051200	0.46	1.45	5.49	0.73
34003018200	0.08	0.17	0.56	0.09
34003051400	0.33	0.86	3.11	0.44
34017014600	0.09	0.19	0.62	0.10
34017019500	0.19	0.41	1.31	0.21

Table D.121: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.50	0.13
34003023100	0.00	0.01	0.70	0.18
34003023300	0.00	0.01	0.68	0.18
34003023200	0.00	0.01	0.63	0.17
34003033200	0.00	0.01	0.58	0.16
34003033300	0.00	0.01	0.65	0.18
34003054400	0.00	0.01	0.84	0.22
34003052200	0.00	0.01	0.64	0.17
34003023500	0.00	0.01	0.61	0.16
34003030100	0.00	0.01	0.50	0.13
34003054500	0.00	0.01	0.83	0.21
34003023401	0.00	0.01	0.60	0.16
34003030300	0.00	0.01	0.59	0.16
34003030200	0.00	0.01	0.59	0.16
34003023402	0.00	0.01	0.44	0.12
34003021400	0.00	0.01	0.71	0.19
34003004000	0.00	0.01	0.77	0.20
34003054600	0.00	0.01	0.59	0.15
34003021300	0.00	0.01	0.71	0.19
34003023600	0.00	0.01	0.60	0.16
34003030400	0.00	0.01	0.68	0.18
34031175200	0.00	0.01	0.66	0.18
34003028001	0.00	0.01	0.64	0.16
34003025100	0.00	0.01	0.77	0.21
34003021500	0.00	0.01	0.70	0.19
34003021600	0.00	0.01	0.66	0.18
34003036100	0.00	0.01	0.52	0.13

Table D.122: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.62	0.17
34003046200	0.00	0.01	0.59	0.15
34003060000	0.00	0.01	0.55	0.15
34003046100	0.00	0.01	0.59	0.15
34031175900	0.00	0.01	0.56	0.15
34003057101	0.00	0.01	0.78	0.21
34003046300	0.00	0.01	0.53	0.13
34003057200	0.00	0.01	0.66	0.18
34003029100	0.00	0.01	0.75	0.19
34031175700	0.00	0.01	0.58	0.16
34003029200	0.00	0.01	0.82	0.21
34003041100	0.00	0.01	0.59	0.14
34003057102	0.00	0.00	0.40	0.11
34003012000	0.00	0.01	0.47	0.13
34003036200	0.00	0.01	0.76	0.19
34003005000	0.00	0.01	0.46	0.13
34003041300	0.00	0.01	0.56	0.14
34003045200	0.00	0.00	0.40	0.10
34003051100	0.00	0.01	0.63	0.17
34003045100	0.00	0.00	0.36	0.09
34003051300	0.00	0.01	0.45	0.12
34003051200	0.00	0.01	0.61	0.16
34003018200	0.00	0.01	0.69	0.16
34003051400	0.00	0.01	0.60	0.16
34017014600	0.00	0.01	0.67	0.15
34017019500	0.00	0.01	0.91	0.22

Table D.123: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.23	0.37	0.05
34003023100	0.00	0.28	0.44	0.06
34003023300	0.00	0.27	0.44	0.06
34003023200	0.00	0.25	0.40	0.06
34003033200	0.00	0.25	0.40	0.06
34003033300	0.00	0.28	0.44	0.06
34003054400	0.00	0.32	0.51	0.07
34003052200	0.00	0.27	0.44	0.06
34003023500	0.00	0.24	0.38	0.05
34003030100	0.00	0.23	0.37	0.05
34003054500	0.00	0.33	0.52	0.07
34003023401	0.00	0.25	0.40	0.06
34003030300	0.00	0.24	0.38	0.05
34003030200	0.00	0.24	0.38	0.05
34003023402	0.00	0.20	0.32	0.05
34003021400	0.00	0.29	0.47	0.07
34003004000	0.00	0.31	0.49	0.07
34003054600	0.00	0.27	0.42	0.06
34003021300	0.00	0.29	0.47	0.07
34003023600	0.00	0.25	0.40	0.06
34003030400	0.00	0.28	0.45	0.06
34031175200	0.00	0.26	0.43	0.06
34003028001	0.00	0.28	0.43	0.06
34003025100	0.00	0.32	0.51	0.07
34003021500	0.00	0.28	0.46	0.07
34003021600	0.00	0.27	0.44	0.06
34003036100	0.00	0.23	0.37	0.05

Table D.124: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.26	0.41	0.06
34003046200	0.00	0.27	0.42	0.06
34003060000	0.00	0.25	0.40	0.06
34003046100	0.00	0.27	0.43	0.06
34031175900	0.00	0.23	0.37	0.05
34003057101	0.00	0.31	0.51	0.07
34003046300	0.00	0.24	0.38	0.05
34003057200	0.00	0.28	0.46	0.07
34003029100	0.00	0.31	0.49	0.07
34031175700	0.00	0.25	0.41	0.06
34003029200	0.00	0.34	0.53	0.07
34003041100	0.00	0.25	0.39	0.05
34003057102	0.00	0.19	0.30	0.04
34003012000	0.00	0.22	0.36	0.05
34003036200	0.00	0.31	0.49	0.07
34003005000	0.00	0.23	0.36	0.05
34003041300	0.00	0.24	0.37	0.05
34003045200	0.00	0.19	0.31	0.04
34003051100	0.00	0.28	0.45	0.06
34003045100	0.00	0.16	0.25	0.03
34003051300	0.00	0.21	0.34	0.05
34003051200	0.00	0.28	0.45	0.06
34003018200	0.00	0.28	0.45	0.06
34003051400	0.00	0.29	0.46	0.07
34017014600	0.00	0.28	0.45	0.06
34017019500	0.00	0.39	0.62	0.08

Table D.125: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.02	0.48	0.07
34003023100	0.00	0.03	0.65	0.09
34003023300	0.00	0.03	0.63	0.09
34003023200	0.00	0.03	0.62	0.09
34003033200	0.00	0.02	0.54	0.08
34003033300	0.00	0.03	0.62	0.09
34003054400	0.00	0.03	0.76	0.11
34003052200	0.00	0.02	0.59	0.09
34003023500	0.00	0.03	0.62	0.09
34003030100	0.00	0.02	0.50	0.07
34003054500	0.00	0.03	0.76	0.11
34003023401	0.00	0.03	0.62	0.09
34003030300	0.00	0.02	0.61	0.09
34003030200	0.00	0.02	0.61	0.09
34003023402	0.00	0.02	0.46	0.07
34003021400	0.00	0.03	0.70	0.10
34003004000	0.00	0.03	0.74	0.10
34003054600	0.00	0.02	0.59	0.08
34003021300	0.00	0.03	0.71	0.10
34003023600	0.00	0.02	0.60	0.09
34003030400	0.00	0.03	0.68	0.10
34031175200	0.00	0.03	0.70	0.10
34003028001	0.00	0.03	0.63	0.09
34003025100	0.00	0.03	0.72	0.10
34003021500	0.00	0.03	0.70	0.10
34003021600	0.00	0.03	0.69	0.10
34003036100	0.00	0.02	0.54	0.08

Table D.126: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.03	0.62	0.09
34003046200	0.00	0.02	0.61	0.08
34003060000	0.00	0.02	0.57	0.08
34003046100	0.00	0.02	0.60	0.08
34031175900	0.00	0.02	0.60	0.09
34003057101	0.00	0.03	0.78	0.11
34003046300	0.00	0.02	0.56	0.08
34003057200	0.00	0.03	0.68	0.10
34003029100	0.00	0.03	0.74	0.10
34031175700	0.00	0.02	0.59	0.08
34003029200	0.00	0.03	0.80	0.11
34003041100	0.00	0.02	0.61	0.08
34003057102	0.00	0.02	0.43	0.06
34003012000	0.00	0.02	0.49	0.07
34003036200	0.00	0.03	0.76	0.10
34003005000	0.00	0.02	0.49	0.07
34003041300	0.00	0.02	0.60	0.08
34003045200	0.00	0.02	0.43	0.06
34003051100	0.00	0.03	0.63	0.09
34003045100	0.00	0.02	0.40	0.05
34003051300	0.00	0.02	0.49	0.07
34003051200	0.00	0.03	0.62	0.09
34003018200	0.00	0.03	0.72	0.09
34003051400	0.00	0.03	0.63	0.09
34017014600	0.00	0.03	0.72	0.09
34017019500	0.00	0.04	0.94	0.12

Table D.127: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.18	0.04
34003023100	0.00	0.00	0.30	0.06
34003023300	0.00	0.00	0.32	0.07
34003023200	0.00	0.00	0.28	0.06
34003033200	0.00	0.00	0.24	0.05
34003033300	0.00	0.00	0.32	0.07
34003054400	0.00	0.00	0.43	0.09
34003052200	0.00	0.00	0.28	0.06
34003023500	0.00	0.00	0.27	0.06
34003030100	0.00	0.00	0.18	0.04
34003054500	0.00	0.00	0.41	0.08
34003023401	0.00	0.00	0.29	0.06
34003030300	0.00	0.00	0.28	0.06
34003030200	0.00	0.00	0.28	0.06
34003023402	0.00	0.00	0.15	0.03
34003021400	0.00	0.00	0.37	0.08
34003004000	0.00	0.00	0.36	0.07
34003054600	0.00	0.00	0.22	0.04
34003021300	0.00	0.00	0.38	0.08
34003023600	0.00	0.00	0.24	0.05
34003030400	0.00	0.00	0.34	0.07
34031175200	0.00	0.00	0.34	0.07
34003028001	0.00	0.00	0.25	0.05
34003025100	0.00	0.00	0.37	0.08
34003021500	0.00	0.00	0.35	0.07
34003021600	0.00	0.00	0.34	0.07
34003036100	0.00	0.00	0.18	0.04

Table D.128: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.29	0.06
34003046200	0.00	0.00	0.23	0.05
34003060000	0.00	0.00	0.21	0.04
34003046100	0.00	0.00	0.22	0.04
34031175900	0.00	0.00	0.24	0.05
34003057101	0.00	0.00	0.40	0.08
34003046300	0.00	0.00	0.20	0.04
34003057200	0.00	0.00	0.30	0.06
34003029100	0.00	0.00	0.36	0.07
34031175700	0.00	0.00	0.23	0.05
34003029200	0.00	0.00	0.41	0.08
34003041100	0.00	0.00	0.24	0.05
34003057102	0.00	0.00	0.14	0.03
34003012000	0.00	0.00	0.17	0.03
34003036200	0.00	0.00	0.34	0.07
34003005000	0.00	0.00	0.16	0.03
34003041300	0.00	0.00	0.23	0.05
34003045200	0.00	0.00	0.13	0.03
34003051100	0.00	0.00	0.25	0.05
34003045100	0.00	0.00	0.12	0.02
34003051300	0.00	0.00	0.16	0.03
34003051200	0.00	0.00	0.24	0.05
34003018200	0.00	0.00	0.31	0.06
34003051400	0.00	0.00	0.24	0.05
34017014600	0.00	0.00	0.29	0.05
34017019500	0.00	0.00	0.52	0.10

Table D.129: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.09	0.47	0.07
34003023100	0.00	0.12	0.61	0.09
34003023300	0.00	0.12	0.62	0.09
34003023200	0.00	0.11	0.58	0.09
34003033200	0.00	0.10	0.52	0.08
34003033300	0.00	0.12	0.62	0.09
34003054400	0.00	0.15	0.75	0.11
34003052200	0.00	0.12	0.60	0.09
34003023500	0.00	0.11	0.57	0.08
34003030100	0.00	0.10	0.49	0.07
34003054500	0.00	0.15	0.75	0.11
34003023401	0.00	0.12	0.59	0.09
34003030300	0.00	0.11	0.57	0.09
34003030200	0.00	0.11	0.57	0.09
34003023402	0.00	0.09	0.44	0.07
34003021400	0.00	0.14	0.70	0.11
34003004000	0.00	0.14	0.71	0.10
34003054600	0.00	0.11	0.57	0.08
34003021300	0.00	0.14	0.71	0.11
34003023600	0.00	0.11	0.56	0.08
34003030400	0.00	0.13	0.66	0.10
34031175200	0.00	0.13	0.66	0.10
34003028001	0.00	0.12	0.61	0.09
34003025100	0.00	0.14	0.73	0.11
34003021500	0.00	0.13	0.68	0.10
34003021600	0.00	0.13	0.67	0.10
34003036100	0.00	0.10	0.49	0.07

Table D.130: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.12	0.59	0.09
34003046200	0.00	0.11	0.58	0.09
34003060000	0.00	0.11	0.54	0.08
34003046100	0.00	0.11	0.58	0.08
34031175900	0.00	0.11	0.55	0.08
34003057101	0.00	0.15	0.76	0.11
34003046300	0.00	0.10	0.52	0.08
34003057200	0.00	0.13	0.67	0.10
34003029100	0.00	0.14	0.71	0.10
34031175700	0.00	0.11	0.58	0.09
34003029200	0.00	0.15	0.76	0.11
34003041100	0.00	0.11	0.56	0.08
34003057102	0.00	0.08	0.40	0.06
34003012000	0.00	0.09	0.47	0.07
34003036200	0.00	0.13	0.69	0.10
34003005000	0.00	0.09	0.47	0.07
34003041300	0.00	0.10	0.54	0.08
34003045200	0.00	0.08	0.40	0.06
34003051100	0.00	0.12	0.61	0.09
34003045100	0.00	0.07	0.35	0.05
34003051300	0.00	0.09	0.45	0.07
34003051200	0.00	0.12	0.61	0.09
34003018200	0.00	0.12	0.65	0.09
34003051400	0.00	0.12	0.61	0.09
34017014600	0.00	0.12	0.65	0.09
34017019500	0.00	0.18	0.93	0.13

Table D.131: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.41	0.08
34003023100	0.00	0.02	0.56	0.11
34003023300	0.00	0.02	0.53	0.10
34003023200	0.00	0.02	0.51	0.10
34003033200	0.00	0.02	0.47	0.09
34003033300	0.00	0.02	0.52	0.10
34003054400	0.00	0.02	0.64	0.12
34003052200	0.00	0.02	0.51	0.10
34003023500	0.00	0.02	0.51	0.10
34003030100	0.00	0.01	0.42	0.08
34003054500	0.00	0.02	0.64	0.12
34003023401	0.00	0.02	0.50	0.10
34003030300	0.00	0.02	0.50	0.10
34003030200	0.00	0.02	0.50	0.10
34003023402	0.00	0.01	0.39	0.07
34003021400	0.00	0.02	0.58	0.11
34003004000	0.00	0.02	0.62	0.12
34003054600	0.00	0.02	0.50	0.09
34003021300	0.00	0.02	0.58	0.11
34003023600	0.00	0.02	0.51	0.10
34003030400	0.00	0.02	0.56	0.11
34031175200	0.00	0.02	0.56	0.11
34003028001	0.00	0.02	0.54	0.10
34003025100	0.00	0.02	0.62	0.12
34003021500	0.00	0.02	0.58	0.11
34003021600	0.00	0.02	0.56	0.11
34003036100	0.00	0.02	0.46	0.09

Table D.132: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.02	0.53	0.10
34003046200	0.00	0.02	0.51	0.09
34003060000	0.00	0.02	0.49	0.09
34003046100	0.00	0.02	0.51	0.09
34031175900	0.00	0.02	0.49	0.10
34003057101	0.00	0.02	0.64	0.12
34003046300	0.00	0.02	0.47	0.09
34003057200	0.00	0.02	0.56	0.11
34003029100	0.00	0.02	0.63	0.12
34031175700	0.00	0.02	0.50	0.10
34003029200	0.00	0.02	0.69	0.13
34003041100	0.00	0.02	0.51	0.09
34003057102	0.00	0.01	0.37	0.07
34003012000	0.00	0.01	0.42	0.08
34003036200	0.00	0.02	0.65	0.12
34003005000	0.00	0.01	0.42	0.08
34003041300	0.00	0.02	0.49	0.09
34003045200	0.00	0.01	0.37	0.07
34003051100	0.00	0.02	0.54	0.11
34003045100	0.00	0.01	0.34	0.06
34003051300	0.00	0.01	0.41	0.08
34003051200	0.00	0.02	0.54	0.10
34003018200	0.00	0.02	0.60	0.10
34003051400	0.00	0.02	0.53	0.10
34017014600	0.00	0.02	0.60	0.10
34017019500	0.00	0.03	0.78	0.14

Table D.133: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.47	0.15
34003023100	0.01	0.01	0.63	0.20
34003023300	0.01	0.01	0.68	0.21
34003023200	0.01	0.01	0.64	0.20
34003033200	0.00	0.01	0.53	0.17
34003033300	0.01	0.01	0.66	0.21
34003054400	0.01	0.01	0.86	0.27
34003052200	0.01	0.01	0.63	0.20
34003023500	0.01	0.01	0.63	0.20
34003030100	0.00	0.01	0.53	0.17
34003054500	0.01	0.01	0.87	0.27
34003023401	0.01	0.01	0.67	0.21
34003030300	0.01	0.01	0.63	0.20
34003030200	0.01	0.01	0.63	0.20
34003023402	0.00	0.00	0.47	0.15
34003021400	0.01	0.01	0.78	0.25
34003004000	0.01	0.01	0.82	0.26
34003054600	0.01	0.01	0.66	0.20
34003021300	0.01	0.01	0.80	0.25
34003023600	0.01	0.01	0.59	0.18
34003030400	0.01	0.01	0.74	0.23
34031175200	0.01	0.01	0.76	0.24
34003028001	0.01	0.01	0.72	0.22
34003025100	0.01	0.01	0.78	0.24
34003021500	0.01	0.01	0.74	0.23
34003021600	0.01	0.01	0.75	0.24
34003036100	0.00	0.00	0.50	0.15

Table D.134: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.01	0.64	0.20
34003046200	0.01	0.01	0.67	0.21
34003060000	0.01	0.01	0.56	0.18
34003046100	0.01	0.01	0.66	0.20
34031175900	0.01	0.01	0.62	0.19
34003057101	0.01	0.01	0.85	0.26
34003046300	0.00	0.00	0.59	0.18
34003057200	0.01	0.01	0.74	0.23
34003029100	0.01	0.01	0.78	0.24
34031175700	0.01	0.01	0.65	0.20
34003029200	0.01	0.01	0.84	0.25
34003041100	0.01	0.01	0.64	0.19
34003057102	0.00	0.00	0.42	0.13
34003012000	0.00	0.00	0.49	0.15
34003036200	0.01	0.01	0.71	0.22
34003005000	0.00	0.00	0.48	0.15
34003041300	0.01	0.01	0.65	0.20
34003045200	0.00	0.00	0.44	0.13
34003051100	0.01	0.01	0.67	0.21
34003045100	0.00	0.00	0.38	0.11
34003051300	0.00	0.00	0.47	0.15
34003051200	0.01	0.01	0.65	0.20
34003018200	0.01	0.01	0.79	0.23
34003051400	0.01	0.01	0.64	0.19
34017014600	0.01	0.01	0.77	0.22
34017019500	0.01	0.01	1.04	0.30

Table D.135: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.27	0.23	0.01
34003023100	0.00	0.31	0.27	0.01
34003023300	0.00	0.26	0.22	0.01
34003023200	0.00	0.23	0.20	0.01
34003033200	0.00	0.28	0.24	0.01
34003033300	0.00	0.28	0.24	0.01
34003054400	0.00	0.30	0.26	0.01
34003052200	0.00	0.32	0.27	0.02
34003023500	0.00	0.22	0.19	0.01
34003030100	0.00	0.28	0.24	0.01
34003054500	0.00	0.30	0.27	0.01
34003023401	0.00	0.23	0.19	0.01
34003030300	0.00	0.22	0.19	0.01
34003030200	0.00	0.21	0.18	0.01
34003023402	0.00	0.23	0.20	0.01
34003021400	0.00	0.28	0.24	0.01
34003004000	0.00	0.29	0.26	0.01
34003054600	0.00	0.27	0.25	0.01
34003021300	0.00	0.28	0.24	0.01
34003023600	0.00	0.26	0.23	0.01
34003030400	0.00	0.26	0.22	0.01
34031175200	0.00	0.24	0.20	0.01
34003028001	0.00	0.27	0.25	0.01
34003025100	0.00	0.35	0.30	0.02
34003021500	0.00	0.28	0.24	0.01
34003021600	0.00	0.25	0.21	0.01
34003036100	0.00	0.27	0.24	0.01

Table D.136: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.27	0.23	0.01
34003046200	0.00	0.26	0.23	0.01
34003060000	0.00	0.31	0.26	0.01
34003046100	0.00	0.28	0.26	0.01
34031175900	0.00	0.25	0.21	0.01
34003057101	0.00	0.32	0.28	0.02
34003046300	0.00	0.24	0.22	0.01
34003057200	0.00	0.29	0.25	0.01
34003029100	0.00	0.28	0.25	0.01
34031175700	0.00	0.28	0.24	0.01
34003029200	0.00	0.35	0.31	0.02
34003041100	0.00	0.24	0.22	0.01
34003057102	0.00	0.24	0.20	0.01
34003012000	0.00	0.31	0.27	0.01
34003036200	0.00	0.31	0.28	0.01
34003005000	0.00	0.32	0.27	0.01
34003041300	0.00	0.20	0.20	0.01
34003045200	0.00	0.23	0.22	0.01
34003051100	0.00	0.33	0.28	0.02
34003045100	0.00	0.18	0.18	0.01
34003051300	0.00	0.27	0.23	0.01
34003051200	0.00	0.35	0.30	0.02
34003018200	0.00	0.24	0.25	0.01
34003051400	0.00	0.38	0.32	0.02
34017014600	0.00	0.28	0.30	0.02
34017019500	0.00	0.44	0.42	0.02

Table D.137: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.40	0.17
34003023100	0.00	0.00	0.51	0.21
34003023300	0.00	0.00	0.54	0.23
34003023200	0.00	0.00	0.49	0.21
34003033200	0.00	0.00	0.45	0.19
34003033300	0.00	0.00	0.53	0.22
34003054400	0.00	0.00	0.67	0.28
34003052200	0.00	0.00	0.52	0.22
34003023500	0.00	0.00	0.47	0.20
34003030100	0.00	0.00	0.42	0.18
34003054500	0.00	0.00	0.67	0.28
34003023401	0.00	0.00	0.49	0.21
34003030300	0.00	0.00	0.47	0.20
34003030200	0.00	0.00	0.47	0.20
34003023402	0.00	0.00	0.37	0.16
34003021400	0.00	0.00	0.59	0.25
34003004000	0.00	0.00	0.63	0.26
34003054600	0.00	0.00	0.52	0.21
34003021300	0.00	0.00	0.59	0.25
34003023600	0.00	0.00	0.48	0.20
34003030400	0.00	0.00	0.56	0.24
34031175200	0.00	0.00	0.54	0.23
34003028001	0.00	0.00	0.56	0.22
34003025100	0.00	0.00	0.63	0.27
34003021500	0.00	0.00	0.56	0.24
34003021600	0.00	0.00	0.54	0.23
34003036100	0.00	0.00	0.40	0.16

Table D.138: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.51	0.22
34003046200	0.00	0.00	0.52	0.21
34003060000	0.00	0.00	0.45	0.19
34003046100	0.00	0.00	0.52	0.21
34031175900	0.00	0.00	0.46	0.19
34003057101	0.00	0.00	0.64	0.27
34003046300	0.00	0.00	0.46	0.18
34003057200	0.00	0.00	0.55	0.24
34003029100	0.00	0.00	0.61	0.25
34031175700	0.00	0.00	0.51	0.22
34003029200	0.00	0.00	0.67	0.27
34003041100	0.00	0.00	0.49	0.19
34003057102	0.00	0.00	0.34	0.14
34003012000	0.00	0.00	0.40	0.17
34003036200	0.00	0.00	0.56	0.23
34003005000	0.00	0.00	0.40	0.17
34003041300	0.00	0.00	0.48	0.19
34003045200	0.00	0.00	0.34	0.13
34003051100	0.00	0.00	0.55	0.23
34003045100	0.00	0.00	0.30	0.11
34003051300	0.00	0.00	0.38	0.16
34003051200	0.00	0.00	0.54	0.23
34003018200	0.00	0.00	0.59	0.22
34003051400	0.00	0.00	0.53	0.23
34017014600	0.00	0.00	0.59	0.21
34017019500	0.00	0.00	0.81	0.32

Table D.139: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.23	0.01
34003023100	0.00	0.00	0.50	0.03
34003023300	0.00	0.00	0.44	0.03
34003023200	0.00	0.00	0.41	0.02
34003033200	0.00	0.00	0.33	0.02
34003033300	0.00	0.00	0.43	0.03
34003054400	0.00	0.00	0.62	0.04
34003052200	0.00	0.00	0.36	0.02
34003023500	0.00	0.00	0.39	0.02
34003030100	0.00	0.00	0.21	0.01
34003054500	0.00	0.00	0.60	0.04
34003023401	0.00	0.00	0.38	0.02
34003030300	0.00	0.00	0.37	0.02
34003030200	0.00	0.00	0.37	0.02
34003023402	0.00	0.00	0.17	0.01
34003021400	0.00	0.00	0.48	0.03
34003004000	0.00	0.00	0.48	0.03
34003054600	0.00	0.00	0.25	0.02
34003021300	0.00	0.00	0.46	0.03
34003023600	0.00	0.00	0.32	0.02
34003030400	0.00	0.00	0.43	0.03
34031175200	0.00	0.00	0.40	0.02
34003028001	0.00	0.00	0.31	0.02
34003025100	0.00	0.00	0.48	0.03
34003021500	0.00	0.00	0.48	0.03
34003021600	0.00	0.00	0.43	0.03
34003036100	0.00	0.00	0.26	0.02

Table D.140: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.37	0.02
34003046200	0.00	0.00	0.27	0.02
34003060000	0.00	0.00	0.26	0.02
34003046100	0.00	0.00	0.25	0.01
34031175900	0.00	0.00	0.28	0.02
34003057101	0.00	0.00	0.52	0.03
34003046300	0.00	0.00	0.23	0.01
34003057200	0.00	0.00	0.35	0.02
34003029100	0.00	0.00	0.49	0.03
34031175700	0.00	0.00	0.25	0.01
34003029200	0.00	0.00	0.58	0.03
34003041100	0.00	0.00	0.32	0.02
34003057102	0.00	0.00	0.16	0.01
34003012000	0.00	0.00	0.19	0.01
34003036200	0.00	0.00	0.58	0.03
34003005000	0.00	0.00	0.19	0.01
34003041300	0.00	0.00	0.29	0.02
34003045200	0.00	0.00	0.15	0.01
34003051100	0.00	0.00	0.28	0.02
34003045100	0.00	0.00	0.14	0.01
34003051300	0.00	0.00	0.19	0.01
34003051200	0.00	0.00	0.26	0.02
34003018200	0.00	0.00	0.43	0.02
34003051400	0.00	0.00	0.26	0.02
34017014600	0.00	0.00	0.34	0.02
34017019500	0.00	0.00	0.63	0.04

Table D.141: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.03	0.11	0.50	0.05
34003023100	0.04	0.14	0.68	0.06
34003023300	0.04	0.14	0.65	0.06
34003023200	0.03	0.13	0.61	0.06
34003033200	0.03	0.12	0.57	0.05
34003033300	0.04	0.14	0.65	0.06
34003054400	0.04	0.16	0.80	0.07
34003052200	0.04	0.13	0.64	0.06
34003023500	0.03	0.13	0.60	0.06
34003030100	0.03	0.11	0.51	0.05
34003054500	0.04	0.16	0.80	0.07
34003023401	0.04	0.13	0.61	0.06
34003030300	0.03	0.12	0.58	0.05
34003030200	0.03	0.12	0.58	0.05
34003023402	0.03	0.10	0.46	0.04
34003021400	0.04	0.15	0.71	0.07
34003004000	0.04	0.15	0.76	0.07
34003054600	0.03	0.12	0.59	0.05
34003021300	0.04	0.15	0.71	0.07
34003023600	0.03	0.12	0.60	0.06
34003030400	0.04	0.14	0.66	0.06
34031175200	0.04	0.14	0.65	0.06
34003028001	0.03	0.13	0.64	0.06
34003025100	0.05	0.16	0.75	0.07
34003021500	0.04	0.15	0.70	0.07
34003021600	0.04	0.14	0.67	0.06
34003036100	0.03	0.11	0.55	0.05

Table D.142: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.04	0.13	0.61	0.06
34003046200	0.03	0.12	0.60	0.06
34003060000	0.04	0.12	0.58	0.05
34003046100	0.03	0.12	0.60	0.05
34031175900	0.03	0.12	0.57	0.05
34003057101	0.05	0.16	0.78	0.07
34003046300	0.03	0.11	0.54	0.05
34003057200	0.04	0.14	0.67	0.06
34003029100	0.04	0.15	0.74	0.07
34031175700	0.04	0.12	0.57	0.05
34003029200	0.05	0.17	0.82	0.07
34003041100	0.03	0.11	0.59	0.05
34003057102	0.03	0.09	0.42	0.04
34003012000	0.03	0.10	0.49	0.05
34003036200	0.04	0.15	0.76	0.07
34003005000	0.03	0.10	0.49	0.05
34003041300	0.02	0.11	0.56	0.05
34003045200	0.02	0.08	0.42	0.04
34003051100	0.04	0.13	0.63	0.06
34003045100	0.02	0.07	0.38	0.03
34003051300	0.03	0.10	0.47	0.04
34003051200	0.04	0.13	0.62	0.06
34003018200	0.03	0.13	0.69	0.06
34003051400	0.04	0.13	0.63	0.06
34017014600	0.03	0.12	0.69	0.06
34017019500	0.04	0.18	0.95	0.08

Table D.143: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.07	0.41	0.06
34003023100	0.00	0.09	0.51	0.08
34003023300	0.00	0.09	0.53	0.08
34003023200	0.00	0.09	0.49	0.07
34003033200	0.00	0.08	0.45	0.07
34003033300	0.00	0.09	0.53	0.08
34003054400	0.00	0.11	0.63	0.09
34003052200	0.00	0.09	0.53	0.08
34003023500	0.00	0.08	0.48	0.07
34003030100	0.00	0.08	0.44	0.07
34003054500	0.00	0.11	0.63	0.09
34003023401	0.00	0.09	0.51	0.08
34003030300	0.00	0.09	0.48	0.07
34003030200	0.00	0.09	0.48	0.07
34003023402	0.00	0.07	0.39	0.06
34003021400	0.00	0.11	0.61	0.09
34003004000	0.00	0.10	0.61	0.09
34003054600	0.00	0.08	0.49	0.07
34003021300	0.00	0.11	0.61	0.09
34003023600	0.00	0.08	0.49	0.07
34003030400	0.00	0.10	0.57	0.09
34031175200	0.00	0.10	0.55	0.08
34003028001	0.00	0.08	0.51	0.08
34003025100	0.00	0.11	0.63	0.10
34003021500	0.00	0.10	0.58	0.09
34003021600	0.00	0.10	0.56	0.09
34003036100	0.00	0.07	0.43	0.06

Table D.144: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in UNION County, NJ (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.09	0.52	0.08
34003046200	0.00	0.08	0.50	0.07
34003060000	0.00	0.09	0.49	0.07
34003046100	0.00	0.08	0.49	0.07
34031175900	0.00	0.09	0.48	0.07
34003057101	0.00	0.12	0.66	0.10
34003046300	0.00	0.07	0.45	0.07
34003057200	0.00	0.10	0.58	0.09
34003029100	0.00	0.10	0.59	0.09
34031175700	0.00	0.09	0.51	0.08
34003029200	0.00	0.11	0.66	0.10
34003041100	0.00	0.08	0.47	0.07
34003057102	0.00	0.06	0.36	0.06
34003012000	0.00	0.08	0.43	0.07
34003036200	0.00	0.10	0.61	0.09
34003005000	0.00	0.08	0.42	0.06
34003041300	0.00	0.07	0.45	0.07
34003045200	0.00	0.06	0.35	0.05
34003051100	0.00	0.10	0.55	0.08
34003045100	0.00	0.05	0.31	0.05
34003051300	0.00	0.07	0.41	0.06
34003051200	0.00	0.10	0.55	0.08
34003018200	0.00	0.08	0.54	0.08
34003051400	0.00	0.10	0.55	0.08
34017014600	0.00	0.08	0.57	0.08
34017019500	0.00	0.13	0.82	0.12

Table D.145: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	1.03	0.13
34003023100	0.00	0.01	2.03	0.25
34003023300	0.00	0.01	1.74	0.22
34003023200	0.00	0.01	1.60	0.20
34003033200	0.00	0.01	1.33	0.17
34003033300	0.00	0.01	1.68	0.22
34003054400	0.00	0.01	2.73	0.33
34003052200	0.00	0.01	1.45	0.19
34003023500	0.00	0.01	1.79	0.23
34003030100	0.00	0.01	1.36	0.19
34003054500	0.00	0.02	3.22	0.39
34003023401	0.00	0.01	1.67	0.22
34003030300	0.00	0.01	1.57	0.22
34003030200	0.00	0.01	1.52	0.21
34003023402	0.00	0.01	1.31	0.18
34003021400	0.00	0.01	1.79	0.25
34003004000	0.00	0.02	2.97	0.39
34003054600	0.00	0.01	2.67	0.34
34003021300	0.00	0.01	1.76	0.25
34003023600	0.00	0.01	2.06	0.28
34003030400	0.00	0.01	1.96	0.28
34031175200	0.00	0.01	1.71	0.25
34003028001	0.00	0.02	4.11	0.53
34003025100	0.00	0.01	2.50	0.35
34003021500	0.00	0.01	1.88	0.27
34003021600	0.00	0.01	1.72	0.25
34003036100	0.00	0.01	1.91	0.27

Table D.146: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	1.93	0.27
34003046200	0.00	0.01	2.56	0.35
34003060000	0.00	0.01	1.77	0.25
34003046100	0.00	0.02	3.00	0.42
34031175900	0.00	0.01	1.48	0.22
34003057101	0.00	0.01	2.22	0.32
34003046300	0.00	0.01	2.55	0.35
34003057200	0.00	0.01	1.78	0.26
34003029100	0.00	0.02	3.20	0.44
34031175700	0.00	0.01	1.48	0.22
34003029200	0.00	0.02	3.56	0.50
34003041100	0.00	0.02	3.73	0.53
34003057102	0.00	0.01	1.14	0.17
34003012000	0.00	0.01	1.35	0.20
34003036200	0.00	0.02	3.03	0.43
34003005000	0.00	0.01	1.45	0.21
34003041300	0.00	0.02	4.27	0.59
34003045200	0.00	0.01	2.73	0.37
34003051100	0.00	0.01	1.68	0.25
34003045100	0.00	0.02	2.84	0.38
34003051300	0.00	0.01	1.25	0.18
34003051200	0.00	0.01	1.57	0.23
34003018200	0.00	0.03	5.31	0.73
34003051400	0.00	0.01	1.58	0.23
34017014600	0.00	0.02	2.90	0.43
34017019500	0.00	0.02	3.18	0.46

Table D.147: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.92	0.77	0.05
34003023100	0.00	1.54	1.31	0.09
34003023300	0.00	1.35	1.15	0.08
34003023200	0.00	1.20	1.03	0.07
34003033200	0.00	1.10	0.93	0.06
34003033300	0.00	1.41	1.16	0.08
34003054400	0.00	2.00	1.72	0.11
34003052200	0.00	1.28	1.02	0.07
34003023500	0.00	1.42	1.15	0.08
34003030100	0.00	1.35	1.04	0.07
34003054500	0.00	2.42	2.06	0.13
34003023401	0.00	1.39	1.12	0.08
34003030300	0.00	1.39	1.05	0.07
34003030200	0.00	1.34	1.01	0.07
34003023402	0.00	1.27	0.99	0.07
34003021400	0.00	1.60	1.20	0.09
34003004000	0.00	2.43	1.92	0.13
34003054600	0.00	2.43	1.95	0.13
34003021300	0.00	1.58	1.18	0.08
34003023600	0.00	1.85	1.42	0.10
34003030400	0.00	1.77	1.33	0.09
34031175200	0.00	1.54	1.13	0.08
34003028001	0.00	3.63	2.86	0.19
34003025100	0.00	2.28	1.71	0.12
34003021500	0.00	1.67	1.25	0.09
34003021600	0.00	1.56	1.16	0.08
34003036100	0.00	1.83	1.38	0.10

Table D.148: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.76	1.31	0.09
34003046200	0.00	2.45	1.85	0.13
34003060000	0.00	1.76	1.29	0.09
34003046100	0.00	3.00	2.25	0.15
34031175900	0.00	1.37	1.01	0.07
34003057101	0.00	2.02	1.48	0.11
34003046300	0.00	2.50	1.88	0.13
34003057200	0.00	1.73	1.26	0.09
34003029100	0.00	2.82	2.12	0.15
34031175700	0.00	1.49	1.07	0.08
34003029200	0.00	3.13	2.36	0.16
34003041100	0.00	3.50	2.58	0.18
34003057102	0.00	1.20	0.87	0.06
34003012000	0.00	1.46	1.06	0.08
34003036200	0.00	2.71	2.02	0.14
34003005000	0.00	1.57	1.15	0.08
34003041300	0.00	3.86	2.92	0.20
34003045200	0.00	2.80	2.16	0.14
34003051100	0.00	1.70	1.23	0.09
34003045100	0.00	2.63	2.06	0.13
34003051300	0.00	1.34	0.97	0.07
34003051200	0.00	1.63	1.17	0.09
34003018200	0.00	4.64	3.54	0.24
34003051400	0.00	1.71	1.23	0.09
34017014600	0.00	2.79	2.00	0.15
34017019500	0.00	3.06	2.20	0.16

Table D.149: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.09	0.89	0.06
34003023100	0.01	0.17	1.69	0.10
34003023300	0.01	0.14	1.46	0.09
34003023200	0.01	0.13	1.40	0.08
34003033200	0.01	0.11	1.12	0.07
34003033300	0.01	0.15	1.46	0.09
34003054400	0.01	0.21	2.19	0.13
34003052200	0.00	0.13	1.24	0.08
34003023500	0.01	0.17	1.66	0.10
34003030100	0.00	0.13	1.26	0.08
34003054500	0.02	0.25	2.61	0.15
34003023401	0.01	0.16	1.57	0.10
34003030300	0.00	0.16	1.53	0.09
34003030200	0.00	0.16	1.49	0.09
34003023402	0.01	0.13	1.26	0.08
34003021400	0.00	0.18	1.66	0.10
34003004000	0.01	0.26	2.56	0.15
34003054600	0.01	0.24	2.36	0.13
34003021300	0.00	0.18	1.65	0.10
34003023600	0.01	0.20	1.90	0.11
34003030400	0.00	0.19	1.84	0.11
34031175200	0.00	0.19	1.75	0.11
34003028001	0.02	0.37	3.61	0.20
34003025100	0.01	0.23	2.19	0.13
34003021500	0.00	0.19	1.79	0.11
34003021600	0.00	0.18	1.71	0.10
34003036100	0.01	0.19	1.84	0.11

Table D.150: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.19	1.82	0.11
34003046200	0.01	0.25	2.38	0.14
34003060000	0.00	0.19	1.74	0.10
34003046100	0.01	0.28	2.76	0.15
34031175900	0.00	0.17	1.55	0.10
34003057101	0.00	0.23	2.12	0.13
34003046300	0.01	0.25	2.46	0.14
34003057200	0.00	0.19	1.79	0.11
34003029100	0.01	0.29	2.90	0.16
34031175700	0.00	0.17	1.50	0.09
34003029200	0.01	0.32	3.21	0.18
34003041100	0.02	0.36	3.48	0.19
34003057102	0.00	0.13	1.19	0.07
34003012000	0.00	0.15	1.39	0.08
34003036200	0.01	0.30	2.85	0.16
34003005000	0.00	0.16	1.47	0.09
34003041300	0.02	0.41	4.08	0.21
34003045200	0.01	0.26	2.70	0.14
34003051100	0.00	0.19	1.67	0.10
34003045100	0.01	0.27	2.89	0.14
34003051300	0.00	0.15	1.34	0.08
34003051200	0.00	0.18	1.60	0.10
34003018200	0.02	0.52	5.07	0.26
34003051400	0.00	0.19	1.63	0.10
34017014600	0.01	0.36	3.04	0.18
34017019500	0.01	0.36	3.18	0.19

Table D.151: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.65	0.40	0.03
34003023100	0.00	1.62	1.08	0.08
34003023300	0.00	1.51	0.99	0.08
34003023200	0.00	1.32	0.90	0.07
34003033200	0.00	0.97	0.62	0.05
34003033300	0.00	1.49	0.93	0.07
34003054400	0.00	2.66	1.84	0.13
34003052200	0.00	1.10	0.63	0.05
34003023500	0.00	1.51	0.95	0.07
34003030100	0.00	0.92	0.53	0.04
34003054500	0.00	3.17	2.21	0.16
34003023401	0.00	1.51	0.93	0.07
34003030300	0.00	1.37	0.76	0.06
34003030200	0.00	1.31	0.72	0.06
34003023402	0.00	0.85	0.50	0.04
34003021400	0.00	1.67	0.91	0.07
34003004000	0.00	2.76	1.74	0.13
34003054600	0.00	2.07	1.37	0.10
34003021300	0.00	1.62	0.87	0.07
34003023600	0.00	1.64	0.98	0.07
34003030400	0.00	1.84	1.02	0.08
34031175200	0.00	1.50	0.80	0.06
34003028001	0.00	3.67	2.50	0.17
34003025100	0.00	2.25	1.27	0.10
34003021500	0.00	1.66	0.90	0.07
34003021600	0.00	1.54	0.82	0.07
34003036100	0.00	1.33	0.78	0.06

Table D.152: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.65	0.92	0.07
34003046200	0.00	2.10	1.26	0.09
34003060000	0.00	1.22	0.67	0.05
34003046100	0.00	2.36	1.44	0.10
34031175900	0.00	1.09	0.58	0.05
34003057101	0.00	1.99	1.08	0.09
34003046300	0.00	1.97	1.20	0.08
34003057200	0.00	1.38	0.73	0.06
34003029100	0.00	3.07	1.83	0.13
34031175700	0.00	0.95	0.50	0.04
34003029200	0.00	3.43	2.05	0.15
34003041100	0.00	3.58	2.22	0.15
34003057102	0.00	0.67	0.36	0.03
34003012000	0.00	0.81	0.44	0.04
34003036200	0.00	2.53	1.49	0.11
34003005000	0.00	0.89	0.49	0.04
34003041300	0.00	3.98	2.65	0.16
34003045200	0.00	1.91	1.28	0.08
34003051100	0.00	1.10	0.59	0.05
34003045100	0.00	1.99	1.40	0.08
34003051300	0.00	0.76	0.41	0.03
34003051200	0.00	0.99	0.53	0.04
34003018200	0.00	4.99	3.39	0.21
34003051400	0.00	1.02	0.55	0.05
34017014600	0.00	2.39	1.42	0.11
34017019500	0.00	3.23	1.84	0.15

Table D.153: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.14	0.92	0.06
34003023100	0.01	0.25	1.70	0.11
34003023300	0.01	0.22	1.51	0.10
34003023200	0.01	0.20	1.40	0.09
34003033200	0.01	0.17	1.14	0.08
34003033300	0.01	0.23	1.52	0.10
34003054400	0.02	0.33	2.32	0.15
34003052200	0.01	0.21	1.32	0.09
34003023500	0.01	0.24	1.59	0.10
34003030100	0.01	0.21	1.30	0.09
34003054500	0.02	0.39	2.74	0.18
34003023401	0.01	0.24	1.56	0.10
34003030300	0.01	0.24	1.49	0.10
34003030200	0.00	0.23	1.45	0.10
34003023402	0.01	0.20	1.25	0.08
34003021400	0.00	0.28	1.72	0.11
34003004000	0.02	0.40	2.61	0.17
34003054600	0.02	0.36	2.44	0.15
34003021300	0.00	0.28	1.71	0.11
34003023600	0.01	0.29	1.86	0.12
34003030400	0.01	0.30	1.86	0.12
34031175200	0.00	0.28	1.68	0.11
34003028001	0.02	0.55	3.70	0.22
34003025100	0.01	0.37	2.30	0.14
34003021500	0.00	0.29	1.79	0.12
34003021600	0.00	0.28	1.69	0.11
34003036100	0.01	0.28	1.74	0.11

Table D.154: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.29	1.81	0.11
34003046200	0.02	0.38	2.40	0.15
34003060000	0.00	0.28	1.70	0.11
34003046100	0.02	0.45	2.81	0.17
34031175900	0.00	0.24	1.44	0.09
34003057101	0.00	0.35	2.14	0.14
34003046300	0.01	0.38	2.42	0.14
34003057200	0.00	0.30	1.79	0.11
34003029100	0.02	0.46	2.90	0.17
34031175700	0.00	0.25	1.48	0.10
34003029200	0.02	0.51	3.20	0.19
34003041100	0.02	0.54	3.39	0.20
34003057102	0.00	0.19	1.12	0.07
34003012000	0.00	0.23	1.35	0.08
34003036200	0.01	0.44	2.70	0.16
34003005000	0.00	0.24	1.44	0.09
34003041300	0.02	0.62	3.93	0.22
34003045200	0.02	0.40	2.61	0.14
34003051100	0.00	0.28	1.65	0.10
34003045100	0.02	0.40	2.62	0.14
34003051300	0.00	0.21	1.26	0.08
34003051200	0.00	0.27	1.57	0.10
34003018200	0.03	0.75	4.79	0.26
34003051400	0.00	0.27	1.60	0.10
34017014600	0.02	0.47	2.80	0.17
34017019500	0.01	0.54	3.21	0.20

Table D.155: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.02	0.86	0.08
34003023100	0.00	0.04	1.65	0.15
34003023300	0.00	0.03	1.39	0.12
34003023200	0.00	0.03	1.31	0.12
34003033200	0.00	0.03	1.08	0.10
34003033300	0.00	0.04	1.36	0.12
34003054400	0.00	0.05	2.12	0.19
34003052200	0.00	0.03	1.17	0.11
34003023500	0.00	0.04	1.52	0.14
34003030100	0.00	0.03	1.18	0.11
34003054500	0.00	0.06	2.53	0.22
34003023401	0.00	0.04	1.41	0.13
34003030300	0.00	0.04	1.35	0.13
34003030200	0.00	0.04	1.31	0.13
34003023402	0.00	0.03	1.17	0.11
34003021400	0.00	0.04	1.46	0.14
34003004000	0.00	0.07	2.42	0.22
34003054600	0.00	0.06	2.27	0.20
34003021300	0.00	0.04	1.44	0.14
34003023600	0.00	0.05	1.78	0.17
34003030400	0.00	0.05	1.64	0.16
34031175200	0.00	0.04	1.47	0.15
34003028001	0.00	0.09	3.48	0.32
34003025100	0.00	0.06	2.05	0.20
34003021500	0.00	0.05	1.58	0.16
34003021600	0.00	0.04	1.47	0.15
34003036100	0.00	0.05	1.72	0.17

Table D.156: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.05	1.67	0.16
34003046200	0.00	0.06	2.22	0.21
34003060000	0.00	0.05	1.57	0.16
34003046100	0.00	0.07	2.61	0.25
34031175900	0.00	0.04	1.33	0.13
34003057101	0.00	0.05	1.85	0.19
34003046300	0.00	0.06	2.29	0.22
34003057200	0.00	0.05	1.55	0.16
34003029100	0.00	0.08	2.73	0.26
34031175700	0.00	0.04	1.29	0.13
34003029200	0.00	0.09	3.00	0.29
34003041100	0.00	0.10	3.30	0.32
34003057102	0.00	0.03	1.06	0.11
34003012000	0.00	0.04	1.23	0.13
34003036200	0.00	0.08	2.64	0.26
34003005000	0.00	0.04	1.32	0.13
34003041300	0.00	0.11	3.81	0.37
34003045200	0.00	0.07	2.55	0.24
34003051100	0.00	0.04	1.48	0.15
34003045100	0.00	0.07	2.71	0.25
34003051300	0.00	0.03	1.17	0.12
34003051200	0.00	0.04	1.40	0.14
34003018200	0.00	0.13	4.67	0.45
34003051400	0.00	0.04	1.42	0.15
34017014600	0.00	0.08	2.63	0.27
34017019500	0.00	0.08	2.74	0.28

Table D.157: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.89	0.12
34003023100	0.00	0.00	1.64	0.22
34003023300	0.00	0.00	1.56	0.21
34003023200	0.00	0.00	1.45	0.20
34003033200	0.00	0.00	1.09	0.15
34003033300	0.00	0.00	1.55	0.21
34003054400	0.00	0.00	2.48	0.32
34003052200	0.00	0.00	1.33	0.18
34003023500	0.00	0.00	1.66	0.22
34003030100	0.00	0.00	1.33	0.18
34003054500	0.00	0.01	2.99	0.38
34003023401	0.00	0.00	1.69	0.22
34003030300	0.00	0.00	1.58	0.21
34003030200	0.00	0.00	1.54	0.20
34003023402	0.00	0.00	1.29	0.17
34003021400	0.00	0.00	1.85	0.25
34003004000	0.00	0.01	2.85	0.36
34003054600	0.00	0.01	2.66	0.33
34003021300	0.00	0.00	1.87	0.25
34003023600	0.00	0.00	1.87	0.24
34003030400	0.00	0.00	2.01	0.26
34031175200	0.00	0.00	1.88	0.25
34003028001	0.00	0.01	4.13	0.48
34003025100	0.00	0.01	2.39	0.30
34003021500	0.00	0.00	1.88	0.25
34003021600	0.00	0.00	1.85	0.24
34003036100	0.00	0.00	1.70	0.21

Table D.158: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	1.89	0.24
34003046200	0.00	0.01	2.62	0.32
34003060000	0.00	0.00	1.72	0.22
34003046100	0.00	0.01	3.08	0.36
34031175900	0.00	0.00	1.59	0.21
34003057101	0.00	0.01	2.32	0.30
34003046300	0.00	0.01	2.59	0.30
34003057200	0.00	0.00	1.94	0.25
34003029100	0.00	0.01	3.08	0.37
34031175700	0.00	0.00	1.65	0.22
34003029200	0.00	0.01	3.37	0.39
34003041100	0.00	0.01	3.71	0.43
34003057102	0.00	0.00	1.15	0.15
34003012000	0.00	0.00	1.37	0.18
34003036200	0.00	0.01	2.68	0.32
34003005000	0.00	0.00	1.46	0.18
34003041300	0.00	0.01	4.49	0.48
34003045200	0.00	0.01	2.74	0.29
34003051100	0.00	0.00	1.79	0.23
34003045100	0.00	0.01	2.78	0.29
34003051300	0.00	0.00	1.30	0.17
34003051200	0.00	0.00	1.68	0.22
34003018200	0.00	0.01	5.58	0.60
34003051400	0.00	0.00	1.67	0.22
34017014600	0.00	0.01	3.26	0.40
34017019500	0.00	0.01	3.55	0.44

Table D.159: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	1.67	0.47	0.01
34003023100	0.00	2.63	0.77	0.02
34003023300	0.00	1.95	0.57	0.01
34003023200	0.00	1.67	0.49	0.01
34003033200	0.00	1.87	0.54	0.01
34003033300	0.00	2.12	0.60	0.01
34003054400	0.00	2.83	0.84	0.02
34003052200	0.00	2.26	0.60	0.01
34003023500	0.00	1.98	0.55	0.01
34003030100	0.00	2.46	0.64	0.02
34003054500	0.00	3.52	1.04	0.02
34003023401	0.00	1.93	0.53	0.01
34003030300	0.00	1.94	0.49	0.01
34003030200	0.00	1.86	0.47	0.01
34003023402	0.00	2.20	0.58	0.01
34003021400	0.00	2.36	0.59	0.01
34003004000	0.00	3.64	0.99	0.02
34003054600	0.00	3.94	1.10	0.03
34003021300	0.00	2.33	0.58	0.01
34003023600	0.00	2.99	0.78	0.02
34003030400	0.00	2.54	0.64	0.01
34031175200	0.00	2.11	0.52	0.01
34003028001	0.00	5.75	1.57	0.03
34003025100	0.00	3.81	0.95	0.02
34003021500	0.00	2.57	0.63	0.01
34003021600	0.00	2.18	0.54	0.01
34003036100	0.00	3.43	0.87	0.02

Table D.160: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	2.83	0.70	0.02
34003046200	0.00	3.84	0.99	0.02
34003060000	0.00	3.33	0.82	0.02
34003046100	0.00	5.19	1.31	0.03
34031175900	0.00	2.27	0.55	0.01
34003057101	0.00	3.19	0.78	0.02
34003046300	0.00	4.11	1.04	0.02
34003057200	0.00	2.72	0.66	0.02
34003029100	0.00	4.19	1.06	0.02
34031175700	0.00	2.51	0.60	0.01
34003029200	0.00	5.32	1.34	0.03
34003041100	0.00	5.67	1.40	0.03
34003057102	0.00	2.35	0.57	0.01
34003012000	0.00	3.14	0.76	0.02
34003036200	0.00	4.41	1.10	0.02
34003005000	0.00	3.39	0.83	0.02
34003041300	0.00	5.84	1.47	0.03
34003045200	0.00	5.74	1.47	0.03
34003051100	0.00	3.14	0.76	0.02
34003045100	0.00	5.35	1.39	0.03
34003051300	0.00	2.64	0.64	0.02
34003051200	0.00	3.13	0.76	0.02
34003018200	0.00	7.31	1.86	0.04
34003051400	0.00	3.44	0.83	0.02
34017014600	0.00	5.42	1.31	0.03
34017019500	0.00	5.96	1.45	0.03

Table D.161: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.84	0.17
34003023100	0.00	0.00	1.50	0.29
34003023300	0.00	0.00	1.41	0.28
34003023200	0.00	0.00	1.25	0.24
34003033200	0.00	0.00	1.04	0.21
34003033300	0.00	0.00	1.37	0.27
34003054400	0.00	0.00	2.21	0.42
34003052200	0.00	0.00	1.17	0.24
34003023500	0.00	0.00	1.39	0.28
34003030100	0.00	0.00	1.17	0.25
34003054500	0.00	0.00	2.63	0.50
34003023401	0.00	0.00	1.36	0.27
34003030300	0.00	0.00	1.26	0.27
34003030200	0.00	0.00	1.21	0.26
34003023402	0.00	0.00	1.11	0.23
34003021400	0.00	0.00	1.47	0.32
34003004000	0.00	0.00	2.44	0.49
34003054600	0.00	0.00	2.36	0.47
34003021300	0.00	0.00	1.45	0.31
34003023600	0.00	0.00	1.65	0.34
34003030400	0.00	0.00	1.64	0.35
34031175200	0.00	0.00	1.41	0.31
34003028001	0.00	0.00	3.60	0.71
34003025100	0.00	0.00	2.06	0.44
34003021500	0.00	0.00	1.49	0.33
34003021600	0.00	0.00	1.39	0.30
34003036100	0.00	0.00	1.46	0.31

Table D.162: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	1.58	0.34
34003046200	0.00	0.00	2.22	0.47
34003060000	0.00	0.00	1.45	0.32
34003046100	0.00	0.00	2.67	0.57
34031175900	0.00	0.00	1.21	0.27
34003057101	0.00	0.00	1.81	0.40
34003046300	0.00	0.00	2.20	0.46
34003057200	0.00	0.00	1.50	0.33
34003029100	0.00	0.00	2.61	0.55
34031175700	0.00	0.00	1.32	0.30
34003029200	0.00	0.00	2.88	0.61
34003041100	0.00	0.00	3.16	0.68
34003057102	0.00	0.00	0.96	0.21
34003012000	0.00	0.00	1.16	0.26
34003036200	0.00	0.00	2.25	0.48
34003005000	0.00	0.00	1.24	0.27
34003041300	0.00	0.00	3.70	0.77
34003045200	0.00	0.00	2.38	0.49
34003051100	0.00	0.00	1.48	0.33
34003045100	0.00	0.00	2.38	0.48
34003051300	0.00	0.00	1.06	0.24
34003051200	0.00	0.00	1.39	0.31
34003018200	0.00	0.00	4.56	0.95
34003051400	0.00	0.00	1.40	0.31
34017014600	0.00	0.00	2.55	0.57
34017019500	0.00	0.00	2.83	0.63

Table D.163: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.05	0.51	0.01
34003023100	0.00	0.18	1.84	0.04
34003023300	0.00	0.13	1.38	0.03
34003023200	0.00	0.13	1.32	0.03
34003033200	0.00	0.09	0.88	0.02
34003033300	0.00	0.12	1.27	0.03
34003054400	0.00	0.26	2.73	0.06
34003052200	0.00	0.08	0.83	0.02
34003023500	0.00	0.14	1.39	0.03
34003030100	0.00	0.06	0.62	0.01
34003054500	0.00	0.31	3.27	0.07
34003023401	0.00	0.12	1.22	0.03
34003030300	0.00	0.10	1.01	0.02
34003030200	0.00	0.10	0.96	0.02
34003023402	0.00	0.06	0.60	0.01
34003021400	0.00	0.12	1.18	0.03
34003004000	0.00	0.24	2.39	0.05
34003054600	0.00	0.16	1.61	0.03
34003021300	0.00	0.11	1.08	0.03
34003023600	0.00	0.13	1.31	0.03
34003030400	0.00	0.13	1.30	0.03
34031175200	0.00	0.10	0.97	0.02
34003028001	0.00	0.31	3.15	0.06
34003025100	0.00	0.17	1.68	0.04
34003021500	0.00	0.13	1.24	0.03
34003021600	0.00	0.11	1.05	0.02
34003036100	0.00	0.11	1.11	0.02

Table D.164: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.12	1.19	0.03
34003046200	0.00	0.15	1.50	0.03
34003060000	0.00	0.09	0.84	0.02
34003046100	0.00	0.17	1.67	0.03
34031175900	0.00	0.07	0.70	0.02
34003057101	0.00	0.15	1.40	0.03
34003046300	0.00	0.14	1.43	0.03
34003057200	0.00	0.09	0.87	0.02
34003029100	0.00	0.26	2.55	0.05
34031175700	0.00	0.06	0.54	0.01
34003029200	0.00	0.30	2.97	0.06
34003041100	0.00	0.30	2.97	0.06
34003057102	0.00	0.04	0.42	0.01
34003012000	0.00	0.05	0.51	0.01
34003036200	0.00	0.27	2.59	0.05
34003005000	0.00	0.06	0.57	0.01
34003041300	0.00	0.34	3.45	0.06
34003045200	0.00	0.15	1.51	0.03
34003051100	0.00	0.07	0.66	0.02
34003045100	0.00	0.17	1.74	0.03
34003051300	0.00	0.05	0.48	0.01
34003051200	0.00	0.06	0.58	0.01
34003018200	0.00	0.48	4.74	0.08
34003051400	0.00	0.07	0.62	0.01
34017014600	0.00	0.19	1.71	0.04
34017019500	0.00	0.25	2.25	0.05

Table D.165: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.03	0.30	0.99	0.04
34003023100	0.08	0.55	1.88	0.08
34003023300	0.07	0.48	1.61	0.07
34003023200	0.07	0.44	1.49	0.06
34003033200	0.05	0.38	1.24	0.05
34003033300	0.06	0.49	1.61	0.07
34003054400	0.11	0.72	2.47	0.10
34003052200	0.03	0.45	1.40	0.06
34003023500	0.06	0.52	1.69	0.07
34003030100	0.03	0.44	1.36	0.06
34003054500	0.12	0.85	2.93	0.12
34003023401	0.05	0.51	1.62	0.07
34003030300	0.02	0.51	1.51	0.06
34003030200	0.02	0.49	1.46	0.06
34003023402	0.04	0.42	1.31	0.05
34003021400	0.02	0.59	1.74	0.07
34003004000	0.10	0.86	2.76	0.11
34003054600	0.09	0.78	2.54	0.10
34003021300	0.02	0.59	1.72	0.07
34003023600	0.06	0.65	2.00	0.08
34003030400	0.03	0.63	1.88	0.08
34031175200	0.02	0.58	1.66	0.07
34003028001	0.12	1.20	3.88	0.14
34003025100	0.04	0.81	2.39	0.09
34003021500	0.02	0.63	1.83	0.07
34003021600	0.02	0.58	1.70	0.07
34003036100	0.05	0.65	1.95	0.07

Table D.166: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.02	0.64	1.87	0.07
34003046200	0.08	0.82	2.49	0.10
34003060000	0.02	0.63	1.81	0.07
34003046100	0.09	0.97	2.92	0.11
34031175900	0.02	0.52	1.50	0.06
34003057101	0.02	0.76	2.19	0.09
34003046300	0.07	0.83	2.51	0.09
34003057200	0.02	0.63	1.80	0.07
34003029100	0.08	1.01	3.03	0.11
34031175700	0.02	0.52	1.46	0.06
34003029200	0.08	1.15	3.43	0.13
34003041100	0.11	1.20	3.57	0.13
34003057102	0.01	0.41	1.18	0.05
34003012000	0.01	0.50	1.41	0.06
34003036200	0.05	1.01	2.97	0.11
34003005000	0.02	0.53	1.51	0.06
34003041300	0.11	1.34	4.05	0.14
34003045200	0.08	0.91	2.77	0.09
34003051100	0.02	0.60	1.68	0.07
34003045100	0.08	0.93	2.86	0.09
34003051300	0.01	0.46	1.31	0.05
34003051200	0.02	0.57	1.59	0.06
34003018200	0.15	1.69	5.07	0.17
34003051400	0.02	0.59	1.65	0.07
34017014600	0.09	1.06	2.98	0.11
34017019500	0.04	1.16	3.30	0.13

Table D.167: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.46	0.82	0.06
34003023100	0.01	0.78	1.44	0.10
34003023300	0.01	0.73	1.34	0.09
34003023200	0.01	0.66	1.23	0.09
34003033200	0.01	0.56	1.00	0.07
34003033300	0.01	0.75	1.35	0.09
34003054400	0.01	1.07	2.02	0.14
34003052200	0.00	0.68	1.17	0.08
34003023500	0.01	0.78	1.39	0.10
34003030100	0.01	0.69	1.18	0.08
34003054500	0.02	1.27	2.40	0.16
34003023401	0.01	0.79	1.39	0.10
34003030300	0.00	0.77	1.28	0.09
34003030200	0.00	0.75	1.24	0.09
34003023402	0.01	0.66	1.14	0.08
34003021400	0.00	0.91	1.50	0.10
34003004000	0.01	1.29	2.29	0.15
34003054600	0.01	1.20	2.17	0.14
34003021300	0.00	0.91	1.49	0.10
34003023600	0.01	0.97	1.67	0.11
34003030400	0.01	0.99	1.63	0.11
34031175200	0.00	0.88	1.42	0.09
34003028001	0.02	1.80	3.23	0.20
34003025100	0.01	1.22	2.03	0.13
34003021500	0.00	0.93	1.53	0.10
34003021600	0.00	0.89	1.45	0.10
34003036100	0.01	0.94	1.59	0.10

Table D.168: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in BRONX County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.97	1.60	0.10
34003046200	0.01	1.25	2.13	0.14
34003060000	0.00	0.95	1.54	0.10
34003046100	0.01	1.47	2.49	0.15
34031175900	0.00	0.80	1.28	0.09
34003057101	0.01	1.17	1.88	0.12
34003046300	0.01	1.27	2.14	0.13
34003057200	0.00	0.98	1.56	0.10
34003029100	0.01	1.48	2.50	0.16
34031175700	0.00	0.84	1.32	0.09
34003029200	0.01	1.69	2.82	0.17
34003041100	0.02	1.77	2.95	0.18
34003057102	0.00	0.64	1.02	0.07
34003012000	0.00	0.77	1.23	0.08
34003036200	0.01	1.46	2.40	0.15
34003005000	0.00	0.82	1.32	0.08
34003041300	0.02	2.01	3.40	0.20
34003045200	0.01	1.38	2.36	0.13
34003051100	0.00	0.93	1.47	0.10
34003045100	0.01	1.40	2.42	0.13
34003051300	0.00	0.72	1.14	0.07
34003051200	0.00	0.89	1.41	0.09
34003018200	0.02	2.44	4.11	0.23
34003051400	0.00	0.90	1.43	0.09
34017014600	0.01	1.58	2.49	0.16
34017019500	0.01	1.78	2.84	0.18

Table D.169: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.21	0.00	0.87	0.12
34003023100	0.30	0.01	1.42	0.22
34003023300	0.29	0.01	1.32	0.20
34003023200	0.27	0.01	1.28	0.20
34003033200	0.25	0.01	1.07	0.15
34003033300	0.27	0.01	1.19	0.17
34003054400	0.42	0.01	1.84	0.30
34003052200	0.25	0.01	0.98	0.13
34003023500	0.25	0.01	1.14	0.17
34003030100	0.20	0.00	0.81	0.11
34003054500	0.48	0.01	1.96	0.33
34003023401	0.25	0.01	1.08	0.16
34003030300	0.22	0.00	0.88	0.12
34003030200	0.22	0.00	0.86	0.12
34003023402	0.18	0.00	0.76	0.11
34003021400	0.26	0.01	1.01	0.13
34003004000	0.34	0.01	1.61	0.25
34003054600	0.33	0.01	1.40	0.23
34003021300	0.26	0.00	0.96	0.13
34003023600	0.24	0.01	1.10	0.16
34003030400	0.25	0.01	1.00	0.13
34031175200	0.22	0.00	0.84	0.11
34003028001	0.47	0.01	1.77	0.31
34003025100	0.29	0.01	1.17	0.16
34003021500	0.25	0.00	0.94	0.13
34003021600	0.23	0.00	0.87	0.12
34003036100	0.20	0.00	0.88	0.13

Table D.170: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.23	0.00	0.90	0.12
34003046200	0.25	0.01	1.23	0.19
34003060000	0.19	0.00	0.74	0.10
34003046100	0.26	0.01	1.28	0.20
34031175900	0.19	0.00	0.70	0.09
34003057101	0.26	0.01	0.99	0.13
34003046300	0.22	0.01	1.08	0.17
34003057200	0.21	0.00	0.80	0.11
34003029100	0.31	0.01	1.39	0.21
34031175700	0.17	0.00	0.64	0.09
34003029200	0.33	0.01	1.43	0.21
34003041100	0.36	0.01	1.50	0.25
34003057102	0.13	0.00	0.49	0.06
34003012000	0.14	0.00	0.55	0.07
34003036200	0.28	0.01	1.17	0.16
34003005000	0.16	0.00	0.59	0.08
34003041300	0.38	0.01	1.51	0.26
34003045200	0.19	0.01	0.94	0.15
34003051100	0.18	0.00	0.69	0.09
34003045100	0.20	0.01	0.91	0.15
34003051300	0.13	0.00	0.50	0.07
34003051200	0.16	0.00	0.63	0.08
34003018200	0.34	0.01	1.74	0.28
34003051400	0.16	0.00	0.63	0.08
34017014600	0.31	0.01	1.28	0.18
34017019500	0.32	0.01	1.27	0.17

Table D.171: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.71	0.64	0.06
34003023100	0.00	1.16	0.91	0.08
34003023300	0.00	1.05	0.86	0.08
34003023200	0.00	1.05	0.83	0.08
34003033200	0.00	0.85	0.74	0.07
34003033300	0.00	0.94	0.81	0.07
34003054400	0.00	1.56	1.15	0.11
34003052200	0.00	0.72	0.68	0.06
34003023500	0.00	0.87	0.73	0.07
34003030100	0.00	0.66	0.61	0.05
34003054500	0.00	1.79	1.25	0.12
34003023401	0.00	0.83	0.72	0.06
34003030300	0.00	0.61	0.58	0.05
34003030200	0.00	0.59	0.56	0.05
34003023402	0.00	0.64	0.57	0.05
34003021400	0.00	0.70	0.67	0.06
34003004000	0.00	1.34	1.04	0.10
34003054600	0.00	1.43	1.01	0.10
34003021300	0.00	0.68	0.64	0.05
34003023600	0.00	0.90	0.76	0.07
34003030400	0.00	0.70	0.67	0.06
34031175200	0.00	0.60	0.55	0.04
34003028001	0.00	1.87	1.22	0.13
34003025100	0.00	0.84	0.79	0.07
34003021500	0.00	0.65	0.62	0.05
34003021600	0.00	0.62	0.58	0.05
34003036100	0.00	0.72	0.63	0.06

Table D.172: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.63	0.60	0.05
34003046200	0.00	1.14	0.89	0.08
34003060000	0.00	0.56	0.54	0.04
34003046100	0.00	1.25	0.96	0.09
34031175900	0.00	0.51	0.47	0.04
34003057101	0.00	0.70	0.66	0.05
34003046300	0.00	0.99	0.79	0.07
34003057200	0.00	0.61	0.56	0.05
34003029100	0.00	1.09	0.92	0.08
34031175700	0.00	0.53	0.46	0.04
34003029200	0.00	1.07	0.94	0.08
34003041100	0.00	1.49	1.03	0.10
34003057102	0.00	0.40	0.37	0.03
34003012000	0.00	0.47	0.43	0.03
34003036200	0.00	0.83	0.77	0.07
34003005000	0.00	0.49	0.46	0.04
34003041300	0.00	1.52	1.03	0.10
34003045200	0.00	0.99	0.74	0.07
34003051100	0.00	0.56	0.50	0.04
34003045100	0.00	0.92	0.66	0.07
34003051300	0.00	0.42	0.38	0.03
34003051200	0.00	0.53	0.47	0.04
34003018200	0.00	1.54	1.16	0.11
34003051400	0.00	0.54	0.49	0.04
34017014600	0.00	0.94	0.88	0.08
34017019500	0.00	0.88	0.87	0.07

Table D.173: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.17	0.81	0.08
34003023100	0.02	0.28	1.28	0.13
34003023300	0.02	0.26	1.19	0.12
34003023200	0.02	0.27	1.22	0.13
34003033200	0.02	0.21	0.96	0.10
34003033300	0.02	0.23	1.10	0.11
34003054400	0.03	0.37	1.60	0.17
34003052200	0.02	0.19	0.90	0.09
34003023500	0.02	0.25	1.13	0.12
34003030100	0.01	0.17	0.79	0.08
34003054500	0.03	0.41	1.73	0.19
34003023401	0.02	0.23	1.09	0.11
34003030300	0.02	0.19	0.90	0.09
34003030200	0.02	0.19	0.89	0.09
34003023402	0.01	0.17	0.78	0.08
34003021400	0.02	0.21	0.99	0.09
34003004000	0.02	0.33	1.48	0.16
34003054600	0.03	0.31	1.33	0.14
34003021300	0.02	0.20	0.96	0.09
34003023600	0.02	0.23	1.07	0.11
34003030400	0.02	0.20	0.98	0.10
34031175200	0.02	0.19	0.90	0.08
34003028001	0.04	0.42	1.68	0.19
34003025100	0.02	0.22	1.07	0.11
34003021500	0.02	0.20	0.95	0.09
34003021600	0.02	0.19	0.92	0.09
34003036100	0.02	0.19	0.89	0.09

Table D.174: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.02	0.19	0.89	0.09
34003046200	0.02	0.27	1.21	0.13
34003060000	0.01	0.16	0.76	0.07
34003046100	0.02	0.28	1.24	0.13
34031175900	0.01	0.16	0.77	0.07
34003057101	0.02	0.21	1.00	0.09
34003046300	0.02	0.24	1.09	0.11
34003057200	0.02	0.18	0.84	0.08
34003029100	0.02	0.29	1.32	0.14
34031175700	0.01	0.14	0.68	0.06
34003029200	0.02	0.29	1.34	0.14
34003041100	0.03	0.36	1.49	0.16
34003057102	0.01	0.11	0.53	0.05
34003012000	0.01	0.12	0.59	0.05
34003036200	0.02	0.24	1.14	0.11
34003005000	0.01	0.13	0.62	0.06
34003041300	0.03	0.38	1.55	0.17
34003045200	0.02	0.23	0.98	0.10
34003051100	0.01	0.15	0.72	0.06
34003045100	0.02	0.23	0.98	0.11
34003051300	0.01	0.12	0.55	0.05
34003051200	0.01	0.14	0.66	0.06
34003018200	0.03	0.40	1.73	0.18
34003051400	0.01	0.14	0.67	0.06
34017014600	0.03	0.29	1.33	0.14
34017019500	0.02	0.27	1.26	0.12

Table D.175: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.39	0.31	0.05
34003023100	0.00	0.88	0.63	0.10
34003023300	0.00	0.87	0.65	0.10
34003023200	0.00	0.85	0.61	0.10
34003033200	0.00	0.57	0.44	0.07
34003033300	0.00	0.76	0.59	0.09
34003054400	0.00	1.45	0.98	0.17
34003052200	0.00	0.49	0.39	0.06
34003023500	0.00	0.70	0.53	0.09
34003030100	0.00	0.36	0.29	0.04
34003054500	0.00	1.57	1.02	0.17
34003023401	0.00	0.69	0.54	0.09
34003030300	0.00	0.48	0.39	0.06
34003030200	0.00	0.46	0.38	0.06
34003023402	0.00	0.34	0.27	0.04
34003021400	0.00	0.57	0.48	0.07
34003004000	0.00	1.10	0.79	0.13
34003054600	0.00	0.83	0.55	0.09
34003021300	0.00	0.53	0.44	0.06
34003023600	0.00	0.60	0.46	0.07
34003030400	0.00	0.58	0.49	0.07
34031175200	0.00	0.43	0.36	0.05
34003028001	0.00	1.22	0.75	0.13
34003025100	0.00	0.67	0.56	0.09
34003021500	0.00	0.49	0.42	0.06
34003021600	0.00	0.46	0.38	0.06
34003036100	0.00	0.41	0.33	0.05

Table D.176: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.47	0.40	0.06
34003046200	0.00	0.71	0.51	0.09
34003060000	0.00	0.30	0.26	0.04
34003046100	0.00	0.71	0.51	0.09
34031175900	0.00	0.30	0.25	0.04
34003057101	0.00	0.52	0.45	0.06
34003046300	0.00	0.58	0.43	0.07
34003057200	0.00	0.36	0.30	0.04
34003029100	0.00	0.91	0.71	0.11
34031175700	0.00	0.24	0.19	0.03
34003029200	0.00	0.92	0.75	0.12
34003041100	0.00	1.04	0.68	0.12
34003057102	0.00	0.17	0.14	0.02
34003012000	0.00	0.19	0.17	0.02
34003036200	0.00	0.63	0.54	0.08
34003005000	0.00	0.21	0.18	0.03
34003041300	0.00	1.05	0.67	0.12
34003045200	0.00	0.48	0.34	0.06
34003051100	0.00	0.26	0.22	0.03
34003045100	0.00	0.49	0.33	0.06
34003051300	0.00	0.18	0.15	0.02
34003051200	0.00	0.23	0.19	0.03
34003018200	0.00	1.21	0.88	0.15
34003051400	0.00	0.23	0.20	0.03
34017014600	0.00	0.71	0.63	0.10
34017019500	0.00	0.79	0.75	0.11

Table D.177: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.29	0.80	0.09
34003023100	0.01	0.44	1.23	0.14
34003023300	0.01	0.42	1.18	0.13
34003023200	0.01	0.42	1.16	0.13
34003033200	0.00	0.34	0.94	0.10
34003033300	0.01	0.39	1.10	0.12
34003054400	0.01	0.59	1.62	0.19
34003052200	0.00	0.33	0.92	0.10
34003023500	0.01	0.38	1.05	0.12
34003030100	0.00	0.28	0.79	0.09
34003054500	0.01	0.64	1.75	0.20
34003023401	0.00	0.37	1.04	0.12
34003030300	0.00	0.30	0.85	0.09
34003030200	0.00	0.30	0.84	0.09
34003023402	0.00	0.27	0.74	0.08
34003021400	0.00	0.35	0.99	0.10
34003004000	0.01	0.53	1.46	0.17
34003054600	0.01	0.48	1.32	0.15
34003021300	0.00	0.35	0.96	0.10
34003023600	0.01	0.37	1.02	0.12
34003030400	0.00	0.34	0.97	0.10
34031175200	0.00	0.30	0.84	0.08
34003028001	0.01	0.62	1.65	0.20
34003025100	0.00	0.39	1.09	0.12
34003021500	0.00	0.33	0.92	0.09
34003021600	0.00	0.32	0.88	0.09
34003036100	0.00	0.30	0.82	0.09

Table D.178: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.31	0.86	0.09
34003046200	0.01	0.43	1.19	0.14
34003060000	0.00	0.26	0.72	0.08
34003046100	0.01	0.45	1.23	0.14
34031175900	0.00	0.25	0.69	0.07
34003057101	0.00	0.35	0.98	0.10
34003046300	0.01	0.38	1.04	0.12
34003057200	0.00	0.29	0.82	0.08
34003029100	0.01	0.46	1.28	0.15
34031175700	0.00	0.23	0.65	0.06
34003029200	0.01	0.47	1.30	0.15
34003041100	0.01	0.52	1.40	0.16
34003057102	0.00	0.18	0.49	0.05
34003012000	0.00	0.20	0.56	0.06
34003036200	0.00	0.38	1.05	0.12
34003005000	0.00	0.21	0.59	0.06
34003041300	0.01	0.54	1.44	0.17
34003045200	0.01	0.34	0.92	0.11
34003051100	0.00	0.25	0.69	0.07
34003045100	0.01	0.32	0.87	0.10
34003051300	0.00	0.18	0.51	0.05
34003051200	0.00	0.23	0.64	0.06
34003018200	0.01	0.60	1.59	0.18
34003051400	0.00	0.23	0.65	0.06
34017014600	0.01	0.45	1.22	0.14
34017019500	0.00	0.47	1.27	0.14

Table D.179: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.59	0.02	0.72	0.08
34003023100	0.83	0.03	1.15	0.13
34003023300	0.79	0.03	1.05	0.12
34003023200	0.77	0.03	1.05	0.12
34003033200	0.69	0.02	0.87	0.09
34003033300	0.76	0.02	0.96	0.10
34003054400	1.12	0.04	1.43	0.17
34003052200	0.69	0.02	0.79	0.08
34003023500	0.74	0.02	0.97	0.11
34003030100	0.58	0.02	0.69	0.07
34003054500	1.28	0.05	1.54	0.19
34003023401	0.72	0.02	0.91	0.10
34003030300	0.66	0.02	0.75	0.08
34003030200	0.65	0.02	0.74	0.07
34003023402	0.54	0.02	0.68	0.07
34003021400	0.73	0.02	0.82	0.08
34003004000	0.94	0.04	1.31	0.15
34003054600	0.96	0.04	1.18	0.15
34003021300	0.71	0.02	0.79	0.08
34003023600	0.72	0.02	0.95	0.11
34003030400	0.72	0.02	0.83	0.09
34031175200	0.65	0.02	0.72	0.07
34003028001	1.35	0.05	1.49	0.20
34003025100	0.81	0.02	0.96	0.10
34003021500	0.71	0.02	0.79	0.08
34003021600	0.67	0.02	0.74	0.07
34003036100	0.62	0.02	0.79	0.09

Table D.180: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.67	0.02	0.77	0.08
34003046200	0.74	0.03	1.07	0.13
34003060000	0.59	0.01	0.66	0.07
34003046100	0.77	0.03	1.11	0.13
34031175900	0.56	0.01	0.62	0.06
34003057101	0.75	0.02	0.83	0.08
34003046300	0.68	0.03	0.96	0.11
34003057200	0.63	0.02	0.69	0.07
34003029100	0.88	0.03	1.18	0.13
34031175700	0.49	0.01	0.56	0.06
34003029200	0.93	0.03	1.20	0.13
34003041100	1.09	0.04	1.32	0.17
34003057102	0.41	0.01	0.45	0.05
34003012000	0.45	0.01	0.50	0.05
34003036200	0.84	0.02	1.02	0.11
34003005000	0.48	0.01	0.53	0.05
34003041300	1.14	0.04	1.35	0.17
34003045200	0.61	0.03	0.88	0.11
34003051100	0.53	0.01	0.61	0.06
34003045100	0.64	0.03	0.87	0.11
34003051300	0.40	0.01	0.47	0.05
34003051200	0.47	0.01	0.56	0.06
34003018200	1.01	0.04	1.53	0.18
34003051400	0.47	0.01	0.57	0.06
34017014600	0.94	0.03	1.15	0.13
34017019500	0.94	0.02	1.09	0.11

Table D.181: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.00	0.80	0.18
34003023100	0.01	0.00	1.24	0.29
34003023300	0.01	0.00	1.27	0.29
34003023200	0.01	0.00	1.26	0.29
34003033200	0.01	0.00	0.94	0.21
34003033300	0.01	0.00	1.17	0.27
34003054400	0.01	0.00	1.81	0.43
34003052200	0.01	0.00	0.96	0.21
34003023500	0.01	0.00	1.14	0.26
34003030100	0.01	0.00	0.83	0.19
34003054500	0.02	0.00	1.99	0.48
34003023401	0.01	0.00	1.17	0.27
34003030300	0.01	0.00	0.93	0.20
34003030200	0.01	0.00	0.91	0.20
34003023402	0.01	0.00	0.79	0.18
34003021400	0.01	0.00	1.10	0.24
34003004000	0.01	0.00	1.65	0.39
34003054600	0.01	0.00	1.50	0.36
34003021300	0.01	0.00	1.09	0.23
34003023600	0.01	0.00	1.05	0.24
34003030400	0.01	0.00	1.07	0.23
34031175200	0.01	0.00	0.97	0.20
34003028001	0.02	0.00	1.93	0.47
34003025100	0.01	0.00	1.16	0.26
34003021500	0.01	0.00	0.99	0.21
34003021600	0.01	0.00	0.99	0.21
34003036100	0.01	0.00	0.82	0.19

Table D.182: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.00	0.92	0.20
34003046200	0.01	0.00	1.34	0.31
34003060000	0.01	0.00	0.74	0.16
34003046100	0.01	0.00	1.38	0.32
34031175900	0.01	0.00	0.78	0.16
34003057101	0.01	0.00	1.09	0.23
34003046300	0.01	0.00	1.14	0.27
34003057200	0.01	0.00	0.91	0.19
34003029100	0.01	0.00	1.40	0.32
34031175700	0.01	0.00	0.75	0.15
34003029200	0.01	0.00	1.40	0.32
34003041100	0.01	0.00	1.59	0.38
34003057102	0.00	0.00	0.51	0.11
34003012000	0.00	0.00	0.58	0.12
34003036200	0.01	0.00	1.06	0.24
34003005000	0.00	0.00	0.61	0.13
34003041300	0.02	0.00	1.70	0.41
34003045200	0.01	0.00	0.99	0.23
34003051100	0.01	0.00	0.76	0.15
34003045100	0.01	0.00	0.94	0.22
34003051300	0.00	0.00	0.54	0.11
34003051200	0.00	0.00	0.70	0.14
34003018200	0.01	0.00	1.89	0.44
34003051400	0.00	0.00	0.68	0.14
34017014600	0.01	0.00	1.42	0.33
34017019500	0.01	0.00	1.41	0.32

Table D.183: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	1.31	0.40	0.02
34003023100	0.00	1.94	0.54	0.02
34003023300	0.00	1.50	0.43	0.02
34003023200	0.00	1.42	0.40	0.02
34003033200	0.00	1.45	0.43	0.02
34003033300	0.00	1.42	0.42	0.02
34003054400	0.00	2.14	0.57	0.03
34003052200	0.00	1.31	0.41	0.02
34003023500	0.00	1.22	0.35	0.01
34003030100	0.00	1.23	0.38	0.02
34003054500	0.00	2.48	0.64	0.03
34003023401	0.00	1.16	0.34	0.01
34003030300	0.00	0.87	0.27	0.01
34003030200	0.00	0.84	0.27	0.01
34003023402	0.00	1.12	0.34	0.01
34003021400	0.00	1.06	0.33	0.01
34003004000	0.00	1.96	0.54	0.02
34003054600	0.00	2.22	0.57	0.03
34003021300	0.00	1.02	0.32	0.01
34003023600	0.00	1.44	0.42	0.02
34003030400	0.00	1.03	0.32	0.01
34031175200	0.00	0.82	0.25	0.01
34003028001	0.00	2.77	0.68	0.03
34003025100	0.00	1.43	0.45	0.02
34003021500	0.00	1.02	0.32	0.01
34003021600	0.00	0.88	0.27	0.01
34003036100	0.00	1.33	0.40	0.02

Table D.184: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.04	0.33	0.01
34003046200	0.00	1.71	0.47	0.02
34003060000	0.00	1.08	0.34	0.01
34003046100	0.00	2.05	0.56	0.02
34031175900	0.00	0.84	0.26	0.01
34003057101	0.00	1.12	0.35	0.01
34003046300	0.00	1.56	0.44	0.02
34003057200	0.00	0.96	0.30	0.01
34003029100	0.00	1.58	0.46	0.02
34031175700	0.00	0.87	0.26	0.01
34003029200	0.00	1.78	0.54	0.02
34003041100	0.00	2.21	0.56	0.03
34003057102	0.00	0.79	0.24	0.01
34003012000	0.00	1.00	0.31	0.01
34003036200	0.00	1.36	0.42	0.02
34003005000	0.00	1.06	0.33	0.01
34003041300	0.00	2.07	0.52	0.02
34003045200	0.00	1.89	0.51	0.02
34003051100	0.00	1.02	0.31	0.01
34003045100	0.00	1.71	0.45	0.02
34003051300	0.00	0.83	0.26	0.01
34003051200	0.00	1.00	0.30	0.01
34003018200	0.00	2.25	0.61	0.03
34003051400	0.00	1.08	0.33	0.01
34017014600	0.00	1.86	0.58	0.03
34017019500	0.00	1.82	0.58	0.02

Table D.185: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.70	0.17
34003023100	0.00	0.00	1.05	0.28
34003023300	0.00	0.00	1.06	0.27
34003023200	0.00	0.00	1.01	0.27
34003033200	0.00	0.00	0.84	0.21
34003033300	0.00	0.00	0.96	0.24
34003054400	0.00	0.00	1.49	0.41
34003052200	0.00	0.00	0.79	0.18
34003023500	0.00	0.00	0.89	0.23
34003030100	0.00	0.00	0.69	0.16
34003054500	0.00	0.00	1.61	0.46
34003023401	0.00	0.00	0.88	0.22
34003030300	0.00	0.00	0.70	0.16
34003030200	0.00	0.00	0.69	0.16
34003023402	0.00	0.00	0.65	0.16
34003021400	0.00	0.00	0.83	0.19
34003004000	0.00	0.00	1.33	0.36
34003054600	0.00	0.00	1.23	0.35
34003021300	0.00	0.00	0.79	0.18
34003023600	0.00	0.00	0.89	0.23
34003030400	0.00	0.00	0.83	0.19
34031175200	0.00	0.00	0.69	0.16
34003028001	0.00	0.00	1.55	0.46
34003025100	0.00	0.00	0.97	0.23
34003021500	0.00	0.00	0.75	0.17
34003021600	0.00	0.00	0.70	0.16
34003036100	0.00	0.00	0.68	0.17

Table D.186: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.74	0.17
34003046200	0.00	0.00	1.08	0.29
34003060000	0.00	0.00	0.61	0.14
34003046100	0.00	0.00	1.15	0.31
34031175900	0.00	0.00	0.57	0.13
34003057101	0.00	0.00	0.82	0.19
34003046300	0.00	0.00	0.94	0.25
34003057200	0.00	0.00	0.67	0.15
34003029100	0.00	0.00	1.15	0.29
34031175700	0.00	0.00	0.57	0.13
34003029200	0.00	0.00	1.17	0.29
34003041100	0.00	0.00	1.27	0.37
34003057102	0.00	0.00	0.41	0.09
34003012000	0.00	0.00	0.47	0.11
34003036200	0.00	0.00	0.87	0.21
34003005000	0.00	0.00	0.50	0.12
34003041300	0.00	0.00	1.31	0.38
34003045200	0.00	0.00	0.82	0.23
34003051100	0.00	0.00	0.61	0.14
34003045100	0.00	0.00	0.77	0.22
34003051300	0.00	0.00	0.43	0.10
34003051200	0.00	0.00	0.56	0.13
34003018200	0.00	0.00	1.50	0.41
34003051400	0.00	0.00	0.56	0.13
34017014600	0.00	0.00	1.13	0.28
34017019500	0.00	0.00	1.14	0.27

Table D.187: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.05	0.39	0.02
34003023100	0.00	0.15	1.08	0.05
34003023300	0.00	0.13	0.90	0.04
34003023200	0.00	0.13	0.89	0.04
34003033200	0.00	0.09	0.63	0.03
34003033300	0.00	0.11	0.80	0.03
34003054400	0.00	0.22	1.46	0.06
34003052200	0.00	0.07	0.52	0.02
34003023500	0.00	0.11	0.78	0.03
34003030100	0.00	0.05	0.34	0.01
34003054500	0.00	0.23	1.50	0.07
34003023401	0.00	0.10	0.70	0.03
34003030300	0.00	0.07	0.53	0.02
34003030200	0.00	0.07	0.51	0.02
34003023402	0.00	0.04	0.31	0.01
34003021400	0.00	0.08	0.62	0.02
34003004000	0.00	0.16	1.07	0.05
34003054600	0.00	0.10	0.65	0.03
34003021300	0.00	0.07	0.55	0.02
34003023600	0.00	0.09	0.62	0.03
34003030400	0.00	0.08	0.62	0.02
34031175200	0.00	0.06	0.43	0.02
34003028001	0.00	0.15	0.94	0.04
34003025100	0.00	0.10	0.74	0.03
34003021500	0.00	0.08	0.58	0.02
34003021600	0.00	0.07	0.49	0.02
34003036100	0.00	0.07	0.47	0.02

Table D.188: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.07	0.52	0.02
34003046200	0.00	0.09	0.61	0.03
34003060000	0.00	0.04	0.33	0.01
34003046100	0.00	0.09	0.59	0.03
34031175900	0.00	0.04	0.30	0.01
34003057101	0.00	0.08	0.58	0.02
34003046300	0.00	0.08	0.51	0.02
34003057200	0.00	0.05	0.35	0.01
34003029100	0.00	0.14	0.99	0.04
34031175700	0.00	0.03	0.21	0.01
34003029200	0.00	0.15	1.08	0.05
34003041100	0.00	0.14	0.90	0.04
34003057102	0.00	0.02	0.17	0.01
34003012000	0.00	0.03	0.19	0.01
34003036200	0.00	0.13	0.94	0.04
34003005000	0.00	0.03	0.21	0.01
34003041300	0.00	0.14	0.87	0.04
34003045200	0.00	0.06	0.40	0.02
34003051100	0.00	0.03	0.24	0.01
34003045100	0.00	0.06	0.41	0.02
34003051300	0.00	0.02	0.18	0.01
34003051200	0.00	0.03	0.21	0.01
34003018200	0.00	0.19	1.22	0.05
34003051400	0.00	0.03	0.23	0.01
34017014600	0.00	0.11	0.76	0.03
34017019500	0.00	0.13	0.92	0.04

Table D.189: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.38	0.86	0.06
34003023100	0.03	0.64	1.36	0.09
34003023300	0.02	0.58	1.26	0.08
34003023200	0.02	0.59	1.24	0.08
34003033200	0.02	0.46	1.03	0.07
34003033300	0.02	0.52	1.17	0.08
34003054400	0.04	0.85	1.73	0.12
34003052200	0.01	0.42	0.97	0.06
34003023500	0.02	0.51	1.11	0.07
34003030100	0.01	0.36	0.82	0.05
34003054500	0.04	0.94	1.87	0.13
34003023401	0.02	0.49	1.08	0.07
34003030300	0.01	0.37	0.86	0.05
34003030200	0.01	0.36	0.85	0.05
34003023402	0.01	0.35	0.78	0.05
34003021400	0.01	0.43	1.00	0.06
34003004000	0.03	0.74	1.55	0.11
34003054600	0.03	0.69	1.38	0.10
34003021300	0.01	0.42	0.97	0.06
34003023600	0.02	0.50	1.10	0.07
34003030400	0.01	0.42	0.97	0.06
34031175200	0.01	0.36	0.84	0.05
34003028001	0.05	0.92	1.73	0.12
34003025100	0.02	0.49	1.14	0.07
34003021500	0.01	0.40	0.94	0.06
34003021600	0.01	0.38	0.88	0.05
34003036100	0.02	0.41	0.92	0.06

Table D.190: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.38	0.89	0.06
34003046200	0.03	0.58	1.23	0.08
34003060000	0.01	0.33	0.77	0.05
34003046100	0.03	0.61	1.28	0.09
34031175900	0.01	0.31	0.72	0.04
34003057101	0.01	0.43	1.01	0.06
34003046300	0.02	0.51	1.08	0.07
34003057200	0.01	0.36	0.83	0.05
34003029100	0.03	0.61	1.35	0.09
34031175700	0.01	0.29	0.65	0.04
34003029200	0.03	0.62	1.39	0.09
34003041100	0.04	0.75	1.48	0.10
34003057102	0.01	0.22	0.52	0.03
34003012000	0.01	0.25	0.58	0.04
34003036200	0.02	0.50	1.16	0.08
34003005000	0.01	0.27	0.62	0.04
34003041300	0.04	0.77	1.48	0.10
34003045200	0.03	0.48	0.98	0.07
34003051100	0.01	0.31	0.71	0.04
34003045100	0.03	0.47	0.95	0.07
34003051300	0.01	0.23	0.53	0.03
34003051200	0.01	0.28	0.65	0.04
34003018200	0.05	0.82	1.68	0.12
34003051400	0.01	0.29	0.67	0.04
34017014600	0.03	0.57	1.30	0.09
34017019500	0.02	0.56	1.30	0.09

Table D.191: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.62	0.70	0.07
34003023100	0.01	0.96	1.01	0.11
34003023300	0.01	0.95	1.02	0.11
34003023200	0.01	0.94	0.99	0.11
34003033200	0.01	0.74	0.81	0.09
34003033300	0.01	0.87	0.96	0.10
34003054400	0.01	1.33	1.36	0.15
34003052200	0.01	0.70	0.80	0.08
34003023500	0.01	0.82	0.89	0.10
34003030100	0.00	0.61	0.70	0.07
34003054500	0.01	1.47	1.47	0.17
34003023401	0.01	0.82	0.90	0.10
34003030300	0.00	0.62	0.72	0.08
34003030200	0.00	0.61	0.70	0.07
34003023402	0.00	0.59	0.66	0.07
34003021400	0.01	0.74	0.85	0.09
34003004000	0.01	1.18	1.24	0.14
34003054600	0.01	1.13	1.13	0.13
34003021300	0.01	0.72	0.82	0.08
34003023600	0.01	0.82	0.89	0.10
34003030400	0.01	0.72	0.83	0.09
34031175200	0.00	0.61	0.70	0.07
34003028001	0.02	1.45	1.39	0.16
34003025100	0.01	0.83	0.95	0.10
34003021500	0.01	0.67	0.77	0.08
34003021600	0.01	0.64	0.74	0.07
34003036100	0.01	0.66	0.73	0.08

Table D.192: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in KINGS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.65	0.74	0.08
34003046200	0.01	0.97	1.02	0.12
34003060000	0.00	0.56	0.64	0.07
34003046100	0.01	1.02	1.06	0.12
34031175900	0.00	0.53	0.60	0.06
34003057101	0.01	0.74	0.84	0.09
34003046300	0.01	0.85	0.90	0.10
34003057200	0.00	0.61	0.70	0.07
34003029100	0.01	1.00	1.08	0.12
34031175700	0.00	0.51	0.57	0.05
34003029200	0.01	1.02	1.12	0.13
34003041100	0.01	1.20	1.18	0.14
34003057102	0.00	0.38	0.44	0.04
34003012000	0.00	0.44	0.50	0.05
34003036200	0.01	0.81	0.92	0.10
34003005000	0.00	0.46	0.53	0.05
34003041300	0.01	1.24	1.21	0.14
34003045200	0.01	0.80	0.81	0.09
34003051100	0.00	0.53	0.61	0.06
34003045100	0.01	0.78	0.78	0.09
34003051300	0.00	0.40	0.46	0.04
34003051200	0.00	0.50	0.57	0.05
34003018200	0.01	1.31	1.33	0.15
34003051400	0.00	0.50	0.57	0.06
34017014600	0.01	0.97	1.08	0.13
34017019500	0.01	0.98	1.11	0.13

Table D.193: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.11	0.01	1.24	0.62
34003023100	0.17	0.02	2.65	1.37
34003023300	0.16	0.01	2.24	1.14
34003023200	0.15	0.01	2.25	1.20
34003033200	0.13	0.01	1.66	0.83
34003033300	0.15	0.01	1.91	0.94
34003054400	0.21	0.03	3.95	2.04
34003052200	0.10	0.01	1.33	0.70
34003023500	0.15	0.01	2.06	1.02
34003030100	0.09	0.01	1.45	0.63
34003054500	0.23	0.03	5.00	2.48
34003023401	0.14	0.01	1.81	0.89
34003030300	0.08	0.01	1.76	0.68
34003030200	0.08	0.01	1.68	0.66
34003023402	0.09	0.01	1.43	0.65
34003021400	0.08	0.01	1.95	0.76
34003004000	0.23	0.02	3.66	1.85
34003054600	0.19	0.02	3.90	1.91
34003021300	0.07	0.01	1.92	0.73
34003023600	0.14	0.01	2.59	1.09
34003030400	0.08	0.01	2.39	0.82
34031175200	0.05	0.01	2.01	0.68
34003028001	0.26	0.04	6.91	3.19
34003025100	0.10	0.01	3.38	1.04
34003021500	0.07	0.01	2.20	0.76
34003021600	0.06	0.01	1.98	0.69
34003036100	0.09	0.01	2.91	0.89

Table D.194: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.07	0.01	2.52	0.78
34003046200	0.19	0.02	3.99	1.57
34003060000	0.07	0.01	2.42	0.70
34003046100	0.20	0.02	6.03	1.90
34031175900	0.04	0.01	1.78	0.58
34003057101	0.06	0.01	2.78	0.87
34003046300	0.15	0.02	5.00	1.47
34003057200	0.08	0.01	2.20	0.69
34003029100	0.16	0.02	5.60	1.63
34031175700	0.11	0.01	1.82	0.58
34003029200	0.12	0.02	6.57	1.68
34003041100	0.29	0.04	9.97	2.87
34003057102	0.07	0.01	1.47	0.45
34003012000	0.12	0.01	1.79	0.55
34003036200	0.12	0.02	5.04	1.32
34003005000	0.11	0.01	1.98	0.59
34003041300	0.36	0.04	14.10	3.38
34003045200	0.13	0.02	7.00	1.86
34003051100	0.16	0.01	2.16	0.68
34003045100	0.13	0.02	7.86	2.11
34003051300	0.15	0.01	1.71	0.53
34003051200	0.20	0.01	2.15	0.67
34003018200	0.92	0.05	13.60	4.30
34003051400	0.25	0.01	2.37	0.74
34017014600	0.93	0.03	8.54	2.80
34017019500	0.73	0.02	6.35	2.03

Table D.195: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.91	0.93	0.24
34003023100	0.00	1.70	1.73	0.45
34003023300	0.00	1.44	1.49	0.38
34003023200	0.00	1.49	1.47	0.40
34003033200	0.00	1.12	1.16	0.29
34003033300	0.00	1.25	1.33	0.33
34003054400	0.00	2.51	2.50	0.66
34003052200	0.00	0.99	0.94	0.25
34003023500	0.00	1.25	1.34	0.33
34003030100	0.00	0.98	1.11	0.24
34003054500	0.00	3.23	3.23	0.82
34003023401	0.00	1.16	1.23	0.30
34003030300	0.00	0.95	1.18	0.23
34003030200	0.00	0.91	1.11	0.22
34003023402	0.00	0.97	1.08	0.24
34003021400	0.00	1.07	1.31	0.26
34003004000	0.00	2.31	2.40	0.61
34003054600	0.00	2.77	2.88	0.72
34003021300	0.00	1.04	1.29	0.25
34003023600	0.00	1.49	1.80	0.38
34003030400	0.00	1.16	1.61	0.28
34031175200	0.00	0.94	1.32	0.22
34003028001	0.00	4.65	4.83	1.13
34003025100	0.00	1.49	2.29	0.36
34003021500	0.00	1.06	1.45	0.25
34003021600	0.00	0.98	1.33	0.23
34003036100	0.00	1.32	2.10	0.32

Table D.196: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.12	1.70	0.27
34003046200	0.00	2.24	2.91	0.58
34003060000	0.00	1.06	1.76	0.25
34003046100	0.00	2.85	4.52	0.72
34031175900	0.00	0.82	1.20	0.20
34003057101	0.00	1.21	1.85	0.29
34003046300	0.00	2.18	3.69	0.54
34003057200	0.00	1.00	1.54	0.24
34003029100	0.00	2.20	3.72	0.54
34031175700	0.00	0.83	1.32	0.21
34003029200	0.00	2.28	4.33	0.55
34003041100	0.00	4.14	6.86	1.00
34003057102	0.00	0.69	1.12	0.17
34003012000	0.00	0.84	1.40	0.21
34003036200	0.00	1.80	3.34	0.44
34003005000	0.00	0.92	1.55	0.23
34003041300	0.00	4.83	9.56	1.16
34003045200	0.00	2.88	5.50	0.73
34003051100	0.00	0.95	1.57	0.24
34003045100	0.00	2.95	5.64	0.76
34003051300	0.00	0.77	1.31	0.20
34003051200	0.00	0.92	1.59	0.24
34003018200	0.00	5.30	9.05	1.42
34003051400	0.00	1.04	1.82	0.27
34017014600	0.00	3.54	5.87	0.93
34017019500	0.00	2.51	4.36	0.67

Table D.197: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.91	1.04	0.22
34003023100	0.01	2.00	2.18	0.50
34003023300	0.01	1.71	1.84	0.41
34003023200	0.01	1.85	1.94	0.46
34003033200	0.01	1.23	1.36	0.29
34003033300	0.01	1.42	1.61	0.33
34003054400	0.01	2.72	3.14	0.74
34003052200	0.01	0.79	1.10	0.24
34003023500	0.01	1.65	1.86	0.39
34003030100	0.00	0.88	1.29	0.23
34003054500	0.01	3.14	4.02	0.92
34003023401	0.01	1.46	1.66	0.34
34003030300	0.00	0.84	1.65	0.26
34003030200	0.00	0.78	1.58	0.25
34003023402	0.01	1.03	1.33	0.24
34003021400	0.00	0.77	1.74	0.27
34003004000	0.01	2.60	3.08	0.67
34003054600	0.01	2.52	3.38	0.74
34003021300	0.00	0.66	1.73	0.26
34003023600	0.01	1.67	2.31	0.40
34003030400	0.00	0.93	2.14	0.29
34031175200	0.00	0.63	1.95	0.26
34003028001	0.01	3.24	5.94	1.18
34003025100	0.01	1.18	2.83	0.34
34003021500	0.00	0.66	2.00	0.27
34003021600	0.00	0.63	1.88	0.26
34003036100	0.01	1.31	2.70	0.32

Table D.198: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.85	2.27	0.27
34003046200	0.01	2.24	3.58	0.58
34003060000	0.00	0.60	2.28	0.24
34003046100	0.01	2.49	5.33	0.68
34031175900	0.00	0.54	1.78	0.22
34003057101	0.00	0.71	2.55	0.30
34003046300	0.01	2.08	4.64	0.54
34003057200	0.00	0.60	2.11	0.25
34003029100	0.01	2.24	4.88	0.55
34031175700	0.01	0.49	1.76	0.20
34003029200	0.01	2.16	5.66	0.54
34003041100	0.02	3.11	8.94	1.06
34003057102	0.00	0.39	1.46	0.16
34003012000	0.01	0.44	1.75	0.19
34003036200	0.01	1.53	4.56	0.43
34003005000	0.01	0.46	1.92	0.20
34003041300	0.02	3.33	13.00	1.25
34003045200	0.01	2.23	6.71	0.68
34003051100	0.01	0.54	2.06	0.22
34003045100	0.01	2.27	7.78	0.78
34003051300	0.01	0.43	1.75	0.18
34003051200	0.01	0.51	2.09	0.21
34003018200	0.05	4.32	12.57	1.41
34003051400	0.02	0.53	2.34	0.23
34017014600	0.06	3.08	8.48	0.87
34017019500	0.05	1.51	6.06	0.58

Table D.199: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.63	0.60	0.18
34003023100	0.00	1.77	1.69	0.49
34003023300	0.00	1.60	1.53	0.45
34003023200	0.00	1.56	1.49	0.45
34003033200	0.00	0.98	0.94	0.28
34003033300	0.00	1.38	1.31	0.37
34003054400	0.00	3.09	3.06	0.87
34003052200	0.00	0.84	0.75	0.23
34003023500	0.00	1.46	1.35	0.37
34003030100	0.00	0.75	0.72	0.18
34003054500	0.00	3.73	3.91	1.03
34003023401	0.00	1.37	1.26	0.35
34003030300	0.00	1.06	1.10	0.24
34003030200	0.00	1.00	1.02	0.23
34003023402	0.00	0.76	0.70	0.17
34003021400	0.00	1.25	1.27	0.28
34003004000	0.00	3.00	2.66	0.70
34003054600	0.00	2.42	2.40	0.59
34003021300	0.00	1.18	1.20	0.26
34003023600	0.00	1.64	1.56	0.35
34003030400	0.00	1.45	1.60	0.30
34031175200	0.00	1.09	1.15	0.22
34003028001	0.00	5.04	5.17	1.05
34003025100	0.00	1.90	2.23	0.37
34003021500	0.00	1.24	1.32	0.25
34003021600	0.00	1.13	1.19	0.23
34003036100	0.00	1.32	1.55	0.24

Table D.200: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.33	1.54	0.26
34003046200	0.00	2.52	2.56	0.49
34003060000	0.00	1.02	1.17	0.17
34003046100	0.00	3.22	3.94	0.56
34031175900	0.00	0.81	0.86	0.15
34003057101	0.00	1.55	1.69	0.28
34003046300	0.00	2.52	3.17	0.43
34003057200	0.00	1.06	1.11	0.18
34003029100	0.00	3.46	4.25	0.60
34031175700	0.00	0.74	0.73	0.12
34003029200	0.00	3.71	4.98	0.61
34003041100	0.00	6.03	8.42	0.98
34003057102	0.00	0.54	0.57	0.09
34003012000	0.00	0.69	0.71	0.11
34003036200	0.00	2.53	3.21	0.41
34003005000	0.00	0.77	0.83	0.12
34003041300	0.00	7.53	12.44	1.13
34003045200	0.00	3.05	4.43	0.48
34003051100	0.00	0.92	0.90	0.14
34003045100	0.00	3.45	5.12	0.55
34003051300	0.00	0.68	0.68	0.10
34003051200	0.00	0.87	0.85	0.12
34003018200	0.00	10.10	11.70	1.49
34003051400	0.00	0.97	0.98	0.13
34017014600	0.00	4.50	6.33	0.80
34017019500	0.00	4.28	4.96	0.63

Table D.201: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	2.75	1.09	0.22
34003023100	0.00	5.80	2.19	0.47
34003023300	0.00	5.12	1.92	0.39
34003023200	0.00	5.32	1.95	0.42
34003033200	0.00	3.65	1.39	0.28
34003033300	0.00	4.34	1.69	0.33
34003054400	0.00	8.23	3.32	0.71
34003052200	0.00	2.47	1.18	0.24
34003023500	0.00	4.62	1.79	0.35
34003030100	0.00	2.67	1.35	0.23
34003054500	0.00	9.40	4.23	0.88
34003023401	0.00	4.22	1.66	0.32
34003030300	0.00	2.40	1.63	0.24
34003030200	0.00	2.21	1.56	0.23
34003023402	0.00	2.99	1.33	0.23
34003021400	0.00	2.33	1.82	0.27
34003004000	0.00	7.63	3.15	0.65
34003054600	0.00	7.44	3.51	0.71
34003021300	0.00	1.97	1.82	0.26
34003023600	0.00	4.77	2.28	0.37
34003030400	0.00	2.76	2.20	0.29
34031175200	0.00	1.76	1.91	0.24
34003028001	0.00	9.34	6.12	1.13
34003025100	0.00	3.63	3.02	0.35
34003021500	0.00	1.90	2.03	0.26
34003021600	0.00	1.82	1.90	0.25
34003036100	0.00	3.64	2.58	0.30

Table D.202: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	2.46	2.29	0.27
34003046200	0.00	6.55	3.66	0.56
34003060000	0.00	1.72	2.25	0.24
34003046100	0.00	7.33	5.48	0.67
34031175900	0.00	1.46	1.68	0.21
34003057101	0.00	2.09	2.61	0.30
34003046300	0.00	5.93	4.60	0.51
34003057200	0.00	1.75	2.14	0.25
34003029100	0.00	6.57	4.93	0.54
34031175700	0.00	1.42	1.77	0.20
34003029200	0.00	6.34	5.72	0.54
34003041100	0.00	8.61	8.78	0.98
34003057102	0.00	1.06	1.40	0.15
34003012000	0.00	1.25	1.73	0.18
34003036200	0.00	4.26	4.37	0.41
34003005000	0.00	1.32	1.91	0.20
34003041300	0.00	9.10	12.62	1.15
34003045200	0.00	6.22	6.55	0.64
34003051100	0.00	1.55	2.06	0.22
34003045100	0.00	5.94	7.15	0.69
34003051300	0.00	1.18	1.67	0.17
34003051200	0.00	1.48	2.09	0.21
34003018200	0.00	11.80	12.00	1.31
34003051400	0.00	1.55	2.34	0.22
34017014600	0.00	8.51	7.97	0.80
34017019500	0.00	4.53	6.23	0.59

Table D.203: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.30	0.03	1.03	0.36
34003023100	0.48	0.07	2.16	0.78
34003023300	0.43	0.06	1.79	0.63
34003023200	0.41	0.06	1.85	0.69
34003033200	0.36	0.04	1.35	0.47
34003033300	0.42	0.05	1.55	0.53
34003054400	0.57	0.11	3.07	1.10
34003052200	0.28	0.04	1.07	0.39
34003023500	0.44	0.06	1.75	0.60
34003030100	0.25	0.04	1.25	0.38
34003054500	0.62	0.13	3.93	1.36
34003023401	0.40	0.05	1.54	0.52
34003030300	0.24	0.04	1.52	0.41
34003030200	0.23	0.04	1.44	0.39
34003023402	0.28	0.04	1.27	0.40
34003021400	0.24	0.04	1.59	0.43
34003004000	0.63	0.10	2.99	1.05
34003054600	0.55	0.11	3.32	1.13
34003021300	0.21	0.04	1.57	0.41
34003023600	0.42	0.06	2.24	0.65
34003030400	0.24	0.04	1.99	0.47
34031175200	0.14	0.04	1.72	0.40
34003028001	0.75	0.18	5.85	1.88
34003025100	0.27	0.06	2.76	0.59
34003021500	0.19	0.04	1.84	0.44
34003021600	0.17	0.04	1.69	0.41
34003036100	0.28	0.05	2.62	0.55

Table D.204: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.20	0.04	2.17	0.47
34003046200	0.56	0.09	3.47	0.95
34003060000	0.20	0.04	2.14	0.43
34003046100	0.61	0.11	5.24	1.15
34031175900	0.11	0.03	1.59	0.36
34003057101	0.16	0.05	2.31	0.50
34003046300	0.45	0.08	4.48	0.91
34003057200	0.23	0.04	1.90	0.41
34003029100	0.47	0.09	4.76	0.96
34031175700	0.33	0.03	1.59	0.35
34003029200	0.35	0.09	5.52	0.97
34003041100	0.89	0.17	8.78	1.76
34003057102	0.21	0.03	1.36	0.29
34003012000	0.38	0.03	1.63	0.34
34003036200	0.35	0.07	4.38	0.79
34003005000	0.34	0.03	1.79	0.37
34003041300	1.09	0.20	12.54	2.09
34003045200	0.42	0.11	6.54	1.20
34003051100	0.49	0.04	1.89	0.41
34003045100	0.44	0.13	7.51	1.39
34003051300	0.47	0.03	1.59	0.34
34003051200	0.59	0.03	1.90	0.41
34003018200	2.76	0.23	11.95	2.59
34003051400	0.75	0.04	2.12	0.45
34017014600	2.88	0.15	7.73	1.73
34017019500	2.14	0.10	5.47	1.18

Table D.205: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	1.04	0.42
34003023100	0.00	0.01	2.11	0.93
34003023300	0.00	0.01	1.97	0.83
34003023200	0.00	0.01	2.01	0.91
34003033200	0.00	0.01	1.32	0.54
34003033300	0.00	0.01	1.71	0.68
34003054400	0.00	0.02	3.55	1.59
34003052200	0.00	0.01	1.18	0.48
34003023500	0.00	0.01	1.86	0.75
34003030100	0.00	0.01	1.36	0.46
34003054500	0.00	0.02	4.60	2.01
34003023401	0.00	0.01	1.78	0.70
34003030300	0.00	0.01	1.70	0.50
34003030200	0.00	0.01	1.62	0.49
34003023402	0.00	0.01	1.35	0.48
34003021400	0.00	0.01	1.93	0.58
34003004000	0.00	0.02	3.42	1.43
34003054600	0.00	0.02	3.81	1.59
34003021300	0.00	0.01	1.95	0.57
34003023600	0.00	0.01	2.26	0.75
34003030400	0.00	0.01	2.33	0.61
34031175200	0.00	0.01	2.10	0.53
34003028001	0.00	0.03	6.78	2.57
34003025100	0.00	0.01	3.07	0.71
34003021500	0.00	0.01	2.09	0.54
34003021600	0.00	0.01	2.03	0.53
34003036100	0.00	0.01	2.48	0.57

Table D.206: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	2.35	0.54
34003046200	0.00	0.02	3.94	1.23
34003060000	0.00	0.01	2.23	0.46
34003046100	0.00	0.03	5.91	1.45
34031175900	0.00	0.01	1.82	0.44
34003057101	0.00	0.01	2.77	0.63
34003046300	0.00	0.02	4.85	1.08
34003057200	0.00	0.01	2.27	0.52
34003029100	0.00	0.02	5.15	1.12
34031175700	0.00	0.01	1.93	0.43
34003029200	0.00	0.02	5.91	1.09
34003041100	0.00	0.04	9.49	2.14
34003057102	0.00	0.01	1.41	0.30
34003012000	0.00	0.01	1.73	0.36
34003036200	0.00	0.02	4.25	0.78
34003005000	0.00	0.01	1.89	0.38
34003041300	0.00	0.05	14.20	2.60
34003045200	0.00	0.03	6.77	1.31
34003051100	0.00	0.01	2.19	0.45
34003045100	0.00	0.03	7.46	1.43
34003051300	0.00	0.01	1.69	0.33
34003051200	0.00	0.01	2.19	0.42
34003018200	0.00	0.06	13.75	2.93
34003051400	0.00	0.01	2.38	0.43
34017014600	0.00	0.03	9.05	1.73
34017019500	0.00	0.03	6.74	1.21

Table D.207: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	5.53	0.56	0.05
34003023100	0.00	10.15	1.01	0.10
34003023300	0.00	7.41	0.73	0.07
34003023200	0.00	7.19	0.69	0.07
34003033200	0.00	6.66	0.66	0.06
34003033300	0.00	6.68	0.68	0.06
34003054400	0.00	11.60	1.22	0.12
34003052200	0.00	4.75	0.55	0.05
34003023500	0.00	6.23	0.63	0.06
34003030100	0.00	5.36	0.68	0.05
34003054500	0.00	14.06	1.62	0.16
34003023401	0.00	5.60	0.57	0.05
34003030300	0.00	3.40	0.55	0.04
34003030200	0.00	3.13	0.52	0.04
34003023402	0.00	5.51	0.63	0.05
34003021400	0.00	3.63	0.65	0.05
34003004000	0.00	11.42	1.22	0.12
34003054600	0.00	13.41	1.60	0.15
34003021300	0.00	3.17	0.63	0.04
34003023600	0.00	7.98	0.98	0.08
34003030400	0.00	4.11	0.77	0.05
34031175200	0.00	2.62	0.60	0.04
34003028001	0.00	17.22	2.64	0.23
34003025100	0.00	6.47	1.29	0.07
34003021500	0.00	3.26	0.74	0.04
34003021600	0.00	2.78	0.62	0.04
34003036100	0.00	7.41	1.32	0.07

Table D.208: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	4.28	0.92	0.05
34003046200	0.00	10.82	1.53	0.11
34003060000	0.00	4.06	1.11	0.05
34003046100	0.00	14.08	2.63	0.15
34031175900	0.00	2.73	0.66	0.04
34003057101	0.00	3.77	0.98	0.05
34003046300	0.00	10.49	2.04	0.11
34003057200	0.00	3.19	0.81	0.04
34003029100	0.00	9.85	1.86	0.09
34031175700	0.00	2.88	0.74	0.04
34003029200	0.00	11.05	2.46	0.11
34003041100	0.00	15.54	3.74	0.20
34003057102	0.00	2.71	0.73	0.04
34003012000	0.00	3.63	1.00	0.05
34003036200	0.00	7.54	1.82	0.08
34003005000	0.00	3.89	1.12	0.05
34003041300	0.00	15.38	4.84	0.21
34003045200	0.00	15.05	3.77	0.17
34003051100	0.00	3.63	0.97	0.05
34003045100	0.00	14.06	3.86	0.18
34003051300	0.00	3.12	0.87	0.04
34003051200	0.00	3.73	1.03	0.05
34003018200	0.00	20.69	4.78	0.25
34003051400	0.00	4.33	1.24	0.05
34017014600	0.00	18.12	3.85	0.19
34017019500	0.00	10.65	2.90	0.13

Table D.209: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	1.01	0.79
34003023100	0.00	0.00	1.97	1.60
34003023300	0.00	0.00	1.81	1.44
34003023200	0.00	0.00	1.76	1.48
34003033200	0.00	0.00	1.30	1.01
34003033300	0.00	0.00	1.55	1.19
34003054400	0.00	0.00	3.20	2.61
34003052200	0.00	0.00	1.08	0.88
34003023500	0.00	0.00	1.60	1.24
34003030100	0.00	0.00	1.24	0.84
34003054500	0.00	0.00	4.10	3.22
34003023401	0.00	0.00	1.48	1.13
34003030300	0.00	0.00	1.42	0.85
34003030200	0.00	0.00	1.35	0.82
34003023402	0.00	0.00	1.21	0.85
34003021400	0.00	0.00	1.61	0.98
34003004000	0.00	0.00	3.02	2.40
34003054600	0.00	0.00	3.46	2.66
34003021300	0.00	0.00	1.59	0.94
34003023600	0.00	0.00	2.08	1.37
34003030400	0.00	0.00	2.01	1.07
34031175200	0.00	0.00	1.65	0.86
34003028001	0.00	0.00	6.07	4.40
34003025100	0.00	0.00	2.80	1.34
34003021500	0.00	0.00	1.75	0.93
34003021600	0.00	0.00	1.61	0.87
34003036100	0.00	0.00	2.24	1.06

Table D.210: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	2.07	1.00
34003046200	0.00	0.00	3.48	2.14
34003060000	0.00	0.00	1.99	0.88
34003046100	0.00	0.00	5.41	2.65
34031175900	0.00	0.00	1.46	0.74
34003057101	0.00	0.00	2.29	1.10
34003046300	0.00	0.00	4.35	1.98
34003057200	0.00	0.00	1.86	0.90
34003029100	0.00	0.00	4.61	2.07
34031175700	0.00	0.00	1.63	0.79
34003029200	0.00	0.00	5.35	2.10
34003041100	0.00	0.00	8.49	3.80
34003057102	0.00	0.00	1.24	0.58
34003012000	0.00	0.00	1.54	0.72
34003036200	0.00	0.00	3.77	1.51
34003005000	0.00	0.00	1.70	0.77
34003041300	0.00	0.00	12.28	4.57
34003045200	0.00	0.00	6.11	2.51
34003051100	0.00	0.00	1.90	0.91
34003045100	0.00	0.00	6.60	2.73
34003051300	0.00	0.00	1.46	0.69
34003051200	0.00	0.00	1.91	0.90
34003018200	0.00	0.00	11.70	5.68
34003051400	0.00	0.00	2.09	0.98
34017014600	0.00	0.00	7.55	3.74
34017019500	0.00	0.00	5.69	2.72

Table D.211: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.30	0.77	0.06
34003023100	0.00	1.00	2.88	0.20
34003023300	0.00	0.78	2.13	0.15
34003023200	0.00	0.79	2.19	0.16
34003033200	0.00	0.50	1.34	0.10
34003033300	0.00	0.66	1.79	0.13
34003054400	0.00	1.45	4.55	0.32
34003052200	0.00	0.38	0.99	0.08
34003023500	0.00	0.71	1.98	0.14
34003030100	0.00	0.28	0.84	0.05
34003054500	0.00	1.62	5.79	0.37
34003023401	0.00	0.61	1.66	0.11
34003030300	0.00	0.42	1.47	0.08
34003030200	0.00	0.39	1.36	0.08
34003023402	0.00	0.28	0.83	0.05
34003021400	0.00	0.46	1.64	0.09
34003004000	0.00	1.16	3.64	0.24
34003054600	0.00	0.76	2.83	0.17
34003021300	0.00	0.40	1.50	0.08
34003023600	0.00	0.63	2.11	0.12
34003030400	0.00	0.51	2.03	0.10
34031175200	0.00	0.33	1.40	0.07
34003028001	0.00	1.29	6.51	0.34
34003025100	0.00	0.67	2.95	0.13
34003021500	0.00	0.43	1.83	0.09
34003021600	0.00	0.37	1.52	0.08
34003036100	0.00	0.50	2.21	0.09

Table D.212: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.45	2.01	0.09
34003046200	0.00	0.74	3.04	0.15
34003060000	0.00	0.29	1.47	0.06
34003046100	0.00	0.85	4.60	0.17
34031175900	0.00	0.23	1.04	0.05
34003057101	0.00	0.47	2.21	0.10
34003046300	0.00	0.71	3.77	0.13
34003057200	0.00	0.28	1.32	0.06
34003029100	0.00	1.20	5.93	0.22
34031175700	0.00	0.17	0.80	0.04
34003029200	0.00	1.35	7.24	0.24
34003041100	0.00	1.54	11.27	0.33
34003057102	0.00	0.14	0.67	0.03
34003012000	0.00	0.16	0.82	0.03
34003036200	0.00	1.07	5.59	0.19
34003005000	0.00	0.19	0.96	0.04
34003041300	0.00	1.77	16.21	0.39
34003045200	0.00	0.76	5.25	0.15
34003051100	0.00	0.20	1.02	0.04
34003045100	0.00	0.85	6.36	0.18
34003051300	0.00	0.15	0.79	0.03
34003051200	0.00	0.18	0.95	0.04
34003018200	0.00	2.71	16.36	0.56
34003051400	0.00	0.21	1.11	0.04
34017014600	0.00	1.74	7.65	0.27
34017019500	0.00	1.18	6.09	0.22

Table D.213: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	1.94	1.17	0.14
34003023100	0.00	4.21	2.43	0.31
34003023300	0.00	3.55	2.04	0.25
34003023200	0.00	3.69	2.07	0.27
34003033200	0.00	2.60	1.52	0.18
34003033300	0.00	3.01	1.80	0.21
34003054400	0.00	5.77	3.53	0.45
34003052200	0.00	1.77	1.25	0.15
34003023500	0.00	3.21	1.90	0.22
34003030100	0.00	1.86	1.41	0.14
34003054500	0.00	6.69	4.52	0.56
34003023401	0.00	2.87	1.73	0.20
34003030300	0.00	1.68	1.65	0.15
34003030200	0.00	1.56	1.58	0.14
34003023402	0.00	2.06	1.39	0.15
34003021400	0.00	1.68	1.85	0.17
34003004000	0.00	5.35	3.34	0.41
34003054600	0.00	5.20	3.67	0.44
34003021300	0.00	1.45	1.83	0.16
34003023600	0.00	3.40	2.46	0.24
34003030400	0.00	1.93	2.22	0.17
34031175200	0.00	1.29	1.89	0.14
34003028001	0.00	6.90	6.41	0.71
34003025100	0.00	2.61	3.14	0.22
34003021500	0.00	1.44	2.08	0.16
34003021600	0.00	1.35	1.90	0.15
34003036100	0.00	2.74	2.89	0.20

Table D.214: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.80	2.37	0.17
34003046200	0.00	4.54	3.79	0.35
34003060000	0.00	1.38	2.40	0.15
34003046100	0.00	5.19	5.71	0.41
34031175900	0.00	1.14	1.76	0.13
34003057101	0.00	1.62	2.68	0.19
34003046300	0.00	4.18	4.78	0.32
34003057200	0.00	1.33	2.16	0.15
34003029100	0.00	4.64	5.17	0.34
34031175700	0.00	1.06	1.75	0.12
34003029200	0.00	4.63	6.13	0.35
34003041100	0.00	6.44	9.28	0.62
34003057102	0.00	0.85	1.47	0.10
34003012000	0.00	1.01	1.82	0.12
34003036200	0.00	3.28	4.82	0.27
34003005000	0.00	1.07	2.01	0.13
34003041300	0.00	6.86	13.03	0.71
34003045200	0.00	4.64	6.97	0.41
34003051100	0.00	1.22	2.11	0.14
34003045100	0.00	4.67	7.81	0.45
34003051300	0.00	0.96	1.75	0.11
34003051200	0.00	1.17	2.13	0.13
34003018200	0.00	8.96	12.72	0.83
34003051400	0.00	1.27	2.42	0.14
34017014600	0.00	6.43	8.49	0.52
34017019500	0.00	3.60	6.41	0.37

Table D.215: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	3.85	0.98	0.18
34003023100	0.00	7.65	1.88	0.37
34003023300	0.00	7.06	1.72	0.33
34003023200	0.00	7.26	1.73	0.35
34003033200	0.00	5.01	1.24	0.23
34003033300	0.00	6.03	1.53	0.28
34003054400	0.00	11.12	2.91	0.57
34003052200	0.00	3.54	1.07	0.21
34003023500	0.00	6.28	1.58	0.29
34003030100	0.00	3.83	1.24	0.20
34003054500	0.00	12.78	3.71	0.71
34003023401	0.00	5.85	1.50	0.27
34003030300	0.00	3.36	1.42	0.20
34003030200	0.00	3.11	1.35	0.19
34003023402	0.00	4.26	1.22	0.20
34003021400	0.00	3.39	1.62	0.23
34003004000	0.00	10.42	2.78	0.53
34003054600	0.00	10.35	3.14	0.59
34003021300	0.00	2.92	1.61	0.22
34003023600	0.00	6.69	2.07	0.32
34003030400	0.00	3.95	1.96	0.25
34031175200	0.00	2.55	1.64	0.20
34003028001	0.00	13.10	5.36	0.93
34003025100	0.00	5.20	2.71	0.31
34003021500	0.00	2.78	1.76	0.22
34003021600	0.00	2.67	1.65	0.21
34003036100	0.00	5.25	2.39	0.26

Table D.216: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in NEW YORK County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	3.61	2.07	0.23
34003046200	0.00	9.11	3.28	0.48
34003060000	0.00	2.69	2.09	0.21
34003046100	0.00	10.29	4.93	0.57
34031175900	0.00	2.24	1.53	0.18
34003057101	0.00	3.18	2.33	0.26
34003046300	0.00	8.34	4.14	0.44
34003057200	0.00	2.64	1.90	0.21
34003029100	0.00	8.98	4.32	0.45
34031175700	0.00	2.19	1.61	0.17
34003029200	0.00	8.93	5.13	0.47
34003041100	0.00	12.16	7.76	0.81
34003057102	0.00	1.67	1.29	0.14
34003012000	0.00	1.99	1.61	0.16
34003036200	0.00	6.17	3.96	0.37
34003005000	0.00	2.11	1.78	0.18
34003041300	0.00	13.02	11.11	0.96
34003045200	0.00	9.06	6.02	0.56
34003051100	0.00	2.40	1.88	0.19
34003045100	0.00	8.96	6.70	0.63
34003051300	0.00	1.87	1.54	0.15
34003051200	0.00	2.32	1.92	0.18
34003018200	0.00	16.56	10.46	1.11
34003051400	0.00	2.44	2.14	0.20
34017014600	0.00	12.38	7.25	0.72
34017019500	0.00	6.93	5.64	0.53

Table D.217: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.00	0.35	0.12	0.40
34003023100	0.00	0.00	0.52	0.18	0.65
34003023300	0.00	0.00	0.50	0.18	0.61
34003023200	0.00	0.00	0.48	0.17	0.61
34003033200	0.00	0.00	0.42	0.15	0.49
34003033300	0.00	0.00	0.46	0.16	0.53
34003054400	0.00	0.01	0.65	0.23	0.86
34003052200	0.00	0.00	0.40	0.14	0.41
34003023500	0.00	0.00	0.43	0.15	0.50
34003030100	0.00	0.00	0.31	0.11	0.33
34003054500	0.00	0.01	0.67	0.23	0.91
34003023401	0.00	0.00	0.42	0.15	0.47
34003030300	0.00	0.00	0.34	0.12	0.33
34003030200	0.00	0.00	0.34	0.12	0.33
34003023402	0.00	0.00	0.29	0.10	0.31
34003021400	0.00	0.00	0.40	0.14	0.38
34003004000	0.00	0.00	0.57	0.20	0.69
34003054600	0.00	0.00	0.47	0.16	0.63
34003021300	0.00	0.00	0.38	0.13	0.34
34003023600	0.00	0.00	0.40	0.14	0.45
34003030400	0.00	0.00	0.38	0.13	0.36
34031175200	0.00	0.00	0.31	0.11	0.26
34003028001	0.00	0.00	0.59	0.20	0.81
34003025100	0.00	0.00	0.44	0.15	0.41
34003021500	0.00	0.00	0.36	0.12	0.32
34003021600	0.00	0.00	0.33	0.11	0.29
34003036100	0.00	0.00	0.32	0.11	0.32

Table D.218: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.00	0.34	0.11	0.30
34003046200	0.00	0.00	0.42	0.15	0.50
34003060000	0.00	0.00	0.27	0.09	0.21
34003046100	0.00	0.00	0.43	0.15	0.49
34031175900	0.00	0.00	0.25	0.09	0.20
34003057101	0.00	0.00	0.36	0.13	0.29
34003046300	0.00	0.00	0.37	0.13	0.40
34003057200	0.00	0.00	0.28	0.10	0.22
34003029100	0.00	0.00	0.49	0.17	0.50
34031175700	0.00	0.00	0.22	0.08	0.29
34003029200	0.00	0.00	0.50	0.17	0.46
34003041100	0.00	0.00	0.49	0.17	0.61
34003057102	0.00	0.00	0.17	0.06	0.15
34003012000	0.00	0.00	0.19	0.07	0.28
34003036200	0.00	0.00	0.41	0.14	0.33
34003005000	0.00	0.00	0.21	0.08	0.23
34003041300	0.00	0.00	0.49	0.17	0.59
34003045200	0.00	0.00	0.31	0.10	0.31
34003051100	0.00	0.00	0.24	0.09	0.41
34003045100	0.00	0.00	0.30	0.10	0.29
34003051300	0.00	0.00	0.17	0.07	0.35
34003051200	0.00	0.00	0.23	0.09	0.51
34003018200	0.00	0.01	0.56	0.21	0.44
34003051400	0.00	0.00	0.27	0.10	0.61
34017014600	0.00	0.01	0.59	0.22	1.61
34017019500	0.00	0.01	0.56	0.21	1.42

Table D.219: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.39	0.26	0.05	0.95
34003023100	0.00	0.51	0.34	0.06	1.35
34003023300	0.00	0.50	0.33	0.06	1.28
34003023200	0.00	0.47	0.31	0.05	1.26
34003033200	0.00	0.44	0.29	0.05	1.10
34003033300	0.00	0.47	0.32	0.05	1.17
34003054400	0.00	0.62	0.41	0.07	1.73
34003052200	0.00	0.41	0.28	0.05	0.93
34003023500	0.00	0.41	0.28	0.05	1.04
34003030100	0.00	0.34	0.24	0.04	0.80
34003054500	0.00	0.66	0.43	0.07	1.88
34003023401	0.00	0.41	0.28	0.05	1.01
34003030300	0.00	0.32	0.23	0.04	0.72
34003030200	0.00	0.31	0.22	0.04	0.70
34003023402	0.00	0.31	0.22	0.04	0.76
34003021400	0.00	0.37	0.27	0.04	0.81
34003004000	0.00	0.54	0.37	0.06	1.44
34003054600	0.00	0.51	0.35	0.06	1.47
34003021300	0.00	0.35	0.25	0.04	0.74
34003023600	0.00	0.40	0.28	0.05	1.00
34003030400	0.00	0.35	0.26	0.04	0.78
34031175200	0.00	0.28	0.21	0.03	0.55
34003028001	0.00	0.62	0.41	0.07	1.81
34003025100	0.00	0.40	0.30	0.05	0.89
34003021500	0.00	0.32	0.24	0.04	0.68
34003021600	0.00	0.30	0.22	0.04	0.62
34003036100	0.00	0.32	0.23	0.04	0.75

Table D.220: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.31	0.23	0.04	0.66
34003046200	0.00	0.44	0.31	0.05	1.16
34003060000	0.00	0.32	0.20	0.03	0.49
34003046100	0.00	0.45	0.32	0.06	1.19
34031175900	0.00	0.26	0.17	0.03	0.45
34003057101	0.00	0.37	0.24	0.04	0.63
34003046300	0.00	0.37	0.27	0.05	0.94
34003057200	0.00	0.34	0.20	0.04	0.49
34003029100	0.00	0.44	0.33	0.05	1.07
34031175700	0.00	0.32	0.16	0.03	0.68
34003029200	0.00	0.43	0.33	0.06	0.98
34003041100	0.00	0.47	0.34	0.06	1.34
34003057102	0.00	0.24	0.13	0.02	0.36
34003012000	0.00	0.31	0.15	0.03	0.72
34003036200	0.00	0.44	0.27	0.05	0.70
34003005000	0.00	0.31	0.16	0.03	0.58
34003041300	0.00	0.46	0.34	0.06	1.30
34003045200	0.00	0.31	0.25	0.04	0.79
34003051100	0.00	0.38	0.17	0.04	0.97
34003045100	0.00	0.29	0.22	0.04	0.68
34003051300	0.00	0.31	0.13	0.03	0.88
34003051200	0.00	0.41	0.18	0.04	1.23
34003018200	0.00	0.72	0.37	0.07	0.94
34003051400	0.00	0.47	0.21	0.04	1.52
34017014600	0.00	0.95	0.41	0.08	3.58
34017019500	0.00	0.90	0.39	0.08	3.18

Table D.221: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.08	0.32	0.04	0.03
34003023100	0.00	0.11	0.45	0.06	0.04
34003023300	0.00	0.11	0.44	0.06	0.04
34003023200	0.00	0.11	0.44	0.06	0.04
34003033200	0.00	0.09	0.37	0.05	0.03
34003033300	0.00	0.10	0.42	0.05	0.04
34003054400	0.00	0.13	0.54	0.07	0.06
34003052200	0.00	0.08	0.36	0.05	0.03
34003023500	0.00	0.10	0.41	0.05	0.04
34003030100	0.00	0.07	0.30	0.04	0.02
34003054500	0.00	0.14	0.56	0.08	0.06
34003023401	0.00	0.10	0.41	0.05	0.04
34003030300	0.00	0.08	0.34	0.04	0.03
34003030200	0.00	0.08	0.34	0.04	0.03
34003023402	0.00	0.07	0.29	0.04	0.02
34003021400	0.00	0.08	0.38	0.05	0.03
34003004000	0.00	0.12	0.50	0.06	0.05
34003054600	0.00	0.10	0.43	0.06	0.05
34003021300	0.00	0.08	0.36	0.05	0.03
34003023600	0.00	0.09	0.38	0.05	0.03
34003030400	0.00	0.08	0.37	0.05	0.03
34031175200	0.00	0.07	0.33	0.04	0.02
34003028001	0.00	0.13	0.53	0.07	0.06
34003025100	0.00	0.08	0.39	0.05	0.03
34003021500	0.00	0.08	0.35	0.04	0.02
34003021600	0.00	0.07	0.34	0.04	0.02
34003036100	0.00	0.07	0.32	0.04	0.03

Table D.222: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.07	0.33	0.04	0.02
34003046200	0.00	0.09	0.40	0.05	0.04
34003060000	0.00	0.06	0.27	0.04	0.02
34003046100	0.00	0.09	0.40	0.05	0.04
34031175900	0.00	0.06	0.27	0.04	0.02
34003057101	0.00	0.08	0.36	0.05	0.02
34003046300	0.00	0.08	0.36	0.05	0.03
34003057200	0.00	0.07	0.29	0.04	0.02
34003029100	0.00	0.10	0.45	0.06	0.04
34031175700	0.00	0.07	0.23	0.04	0.02
34003029200	0.00	0.09	0.46	0.06	0.03
34003041100	0.00	0.11	0.46	0.06	0.05
34003057102	0.00	0.05	0.18	0.03	0.01
34003012000	0.00	0.06	0.20	0.04	0.02
34003036200	0.00	0.09	0.39	0.06	0.03
34003005000	0.00	0.06	0.21	0.04	0.02
34003041300	0.00	0.11	0.48	0.06	0.05
34003045200	0.00	0.06	0.31	0.04	0.03
34003051100	0.00	0.08	0.24	0.04	0.03
34003045100	0.00	0.06	0.31	0.04	0.02
34003051300	0.00	0.07	0.19	0.04	0.03
34003051200	0.00	0.08	0.24	0.05	0.04
34003018200	0.00	0.14	0.53	0.09	0.03
34003051400	0.00	0.10	0.28	0.05	0.05
34017014600	0.00	0.21	0.62	0.11	0.13
34017019500	0.00	0.19	0.56	0.10	0.11

Table D.223: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.35	0.12	0.02	0.05
34003023100	0.00	0.68	0.24	0.05	0.11
34003023300	0.00	0.70	0.25	0.05	0.11
34003023200	0.00	0.66	0.24	0.05	0.10
34003033200	0.00	0.49	0.17	0.03	0.07
34003033300	0.00	0.64	0.23	0.04	0.09
34003054400	0.00	1.05	0.38	0.07	0.17
34003052200	0.00	0.44	0.16	0.03	0.06
34003023500	0.00	0.56	0.20	0.04	0.09
34003030100	0.00	0.31	0.11	0.02	0.04
34003054500	0.00	1.10	0.40	0.08	0.19
34003023401	0.00	0.57	0.20	0.04	0.08
34003030300	0.00	0.41	0.15	0.03	0.05
34003030200	0.00	0.40	0.14	0.03	0.05
34003023402	0.00	0.28	0.10	0.02	0.04
34003021400	0.00	0.51	0.18	0.03	0.06
34003004000	0.00	0.81	0.29	0.06	0.13
34003054600	0.00	0.58	0.21	0.04	0.10
34003021300	0.00	0.47	0.16	0.03	0.05
34003023600	0.00	0.47	0.17	0.03	0.07
34003030400	0.00	0.49	0.18	0.03	0.06
34031175200	0.00	0.36	0.13	0.02	0.04
34003028001	0.00	0.86	0.31	0.06	0.15
34003025100	0.00	0.55	0.20	0.04	0.07
34003021500	0.00	0.43	0.15	0.03	0.05
34003021600	0.00	0.39	0.14	0.03	0.04
34003036100	0.00	0.32	0.12	0.02	0.04

Table D.224: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.40	0.14	0.03	0.05
34003046200	0.00	0.51	0.19	0.03	0.08
34003060000	0.00	0.25	0.09	0.02	0.03
34003046100	0.00	0.50	0.18	0.03	0.08
34031175900	0.00	0.25	0.09	0.02	0.03
34003057101	0.00	0.44	0.16	0.03	0.05
34003046300	0.00	0.42	0.15	0.03	0.06
34003057200	0.00	0.29	0.10	0.02	0.03
34003029100	0.00	0.68	0.25	0.05	0.10
34031175700	0.00	0.19	0.07	0.02	0.03
34003029200	0.00	0.70	0.25	0.05	0.09
34003041100	0.00	0.70	0.26	0.05	0.12
34003057102	0.00	0.14	0.05	0.01	0.01
34003012000	0.00	0.16	0.05	0.01	0.03
34003036200	0.00	0.50	0.18	0.04	0.06
34003005000	0.00	0.17	0.06	0.01	0.02
34003041300	0.00	0.72	0.26	0.05	0.12
34003045200	0.00	0.34	0.12	0.02	0.05
34003051100	0.00	0.21	0.07	0.02	0.05
34003045100	0.00	0.34	0.12	0.02	0.05
34003051300	0.00	0.15	0.05	0.01	0.04
34003051200	0.00	0.20	0.07	0.02	0.05
34003018200	0.00	0.89	0.31	0.07	0.10
34003051400	0.00	0.22	0.08	0.02	0.07
34017014600	0.00	0.69	0.28	0.07	0.27
34017019500	0.00	0.76	0.30	0.08	0.28

Table D.225: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.07	0.32	0.04	0.01
34003023100	0.00	0.09	0.44	0.06	0.01
34003023300	0.00	0.09	0.44	0.06	0.01
34003023200	0.00	0.09	0.43	0.06	0.01
34003033200	0.00	0.08	0.37	0.05	0.01
34003033300	0.00	0.09	0.43	0.05	0.01
34003054400	0.00	0.12	0.56	0.08	0.02
34003052200	0.00	0.07	0.37	0.05	0.01
34003023500	0.00	0.08	0.39	0.05	0.01
34003030100	0.00	0.06	0.30	0.04	0.01
34003054500	0.00	0.12	0.58	0.08	0.02
34003023401	0.00	0.08	0.40	0.05	0.01
34003030300	0.00	0.06	0.33	0.04	0.01
34003030200	0.00	0.06	0.32	0.04	0.01
34003023402	0.00	0.06	0.28	0.04	0.01
34003021400	0.00	0.07	0.38	0.05	0.01
34003004000	0.00	0.10	0.50	0.07	0.01
34003054600	0.00	0.09	0.44	0.06	0.01
34003021300	0.00	0.07	0.37	0.05	0.01
34003023600	0.00	0.07	0.37	0.05	0.01
34003030400	0.00	0.07	0.37	0.05	0.01
34031175200	0.00	0.06	0.31	0.04	0.01
34003028001	0.00	0.11	0.53	0.07	0.02
34003025100	0.00	0.08	0.40	0.05	0.01
34003021500	0.00	0.07	0.35	0.04	0.01
34003021600	0.00	0.06	0.33	0.04	0.01
34003036100	0.00	0.06	0.29	0.04	0.01

Table D.226: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.06	0.32	0.04	0.01
34003046200	0.00	0.08	0.40	0.05	0.01
34003060000	0.00	0.05	0.26	0.04	0.00
34003046100	0.00	0.08	0.41	0.05	0.01
34031175900	0.00	0.05	0.25	0.03	0.00
34003057101	0.00	0.07	0.35	0.05	0.01
34003046300	0.00	0.07	0.35	0.05	0.01
34003057200	0.00	0.06	0.29	0.04	0.00
34003029100	0.00	0.09	0.45	0.06	0.01
34031175700	0.00	0.06	0.22	0.04	0.01
34003029200	0.00	0.08	0.45	0.06	0.01
34003041100	0.00	0.09	0.44	0.06	0.01
34003057102	0.00	0.04	0.17	0.03	0.00
34003012000	0.00	0.05	0.19	0.03	0.01
34003036200	0.00	0.08	0.37	0.05	0.01
34003005000	0.00	0.05	0.20	0.03	0.00
34003041300	0.00	0.09	0.45	0.06	0.01
34003045200	0.00	0.06	0.30	0.04	0.01
34003051100	0.00	0.06	0.23	0.04	0.01
34003045100	0.00	0.05	0.28	0.04	0.01
34003051300	0.00	0.05	0.17	0.03	0.01
34003051200	0.00	0.07	0.24	0.05	0.01
34003018200	0.00	0.12	0.50	0.08	0.01
34003051400	0.00	0.08	0.27	0.05	0.01
34017014600	0.00	0.17	0.57	0.11	0.03
34017019500	0.00	0.16	0.56	0.11	0.03

Table D.227: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.01	0.29	0.07	0.30
34003023100	0.00	0.01	0.42	0.10	0.48
34003023300	0.00	0.01	0.40	0.10	0.44
34003023200	0.00	0.01	0.39	0.10	0.45
34003033200	0.00	0.01	0.34	0.08	0.37
34003033300	0.00	0.01	0.38	0.09	0.39
34003054400	0.00	0.02	0.50	0.12	0.61
34003052200	0.00	0.01	0.32	0.08	0.30
34003023500	0.00	0.01	0.37	0.09	0.39
34003030100	0.00	0.01	0.27	0.06	0.26
34003054500	0.00	0.02	0.53	0.13	0.65
34003023401	0.00	0.01	0.35	0.08	0.36
34003030300	0.00	0.01	0.29	0.07	0.26
34003030200	0.00	0.01	0.29	0.07	0.26
34003023402	0.00	0.01	0.26	0.06	0.25
34003021400	0.00	0.01	0.32	0.08	0.28
34003004000	0.00	0.01	0.46	0.11	0.52
34003054600	0.00	0.01	0.40	0.10	0.48
34003021300	0.00	0.01	0.31	0.07	0.26
34003023600	0.00	0.01	0.35	0.08	0.35
34003030400	0.00	0.01	0.32	0.08	0.27
34031175200	0.00	0.01	0.27	0.06	0.20
34003028001	0.00	0.02	0.50	0.12	0.63
34003025100	0.00	0.01	0.36	0.08	0.30
34003021500	0.00	0.01	0.30	0.07	0.24
34003021600	0.00	0.01	0.28	0.07	0.22
34003036100	0.00	0.01	0.29	0.07	0.26

Table D.228: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.01	0.29	0.07	0.24
34003046200	0.00	0.01	0.37	0.09	0.39
34003060000	0.00	0.01	0.24	0.06	0.17
34003046100	0.00	0.01	0.37	0.09	0.39
34031175900	0.00	0.01	0.23	0.05	0.17
34003057101	0.00	0.01	0.30	0.07	0.22
34003046300	0.00	0.01	0.33	0.08	0.32
34003057200	0.00	0.01	0.25	0.06	0.17
34003029100	0.00	0.01	0.42	0.10	0.39
34031175700	0.00	0.01	0.19	0.05	0.23
34003029200	0.00	0.01	0.42	0.10	0.35
34003041100	0.00	0.01	0.43	0.10	0.49
34003057102	0.00	0.01	0.16	0.04	0.13
34003012000	0.00	0.01	0.17	0.05	0.24
34003036200	0.00	0.01	0.36	0.09	0.26
34003005000	0.00	0.01	0.19	0.05	0.19
34003041300	0.00	0.01	0.44	0.10	0.48
34003045200	0.00	0.01	0.29	0.07	0.27
34003051100	0.00	0.01	0.21	0.06	0.33
34003045100	0.00	0.01	0.28	0.07	0.26
34003051300	0.00	0.01	0.16	0.05	0.30
34003051200	0.00	0.01	0.21	0.06	0.41
34003018200	0.00	0.02	0.49	0.13	0.35
34003051400	0.00	0.01	0.24	0.06	0.50
34017014600	0.01	0.02	0.54	0.15	1.33
34017019500	0.01	0.02	0.48	0.13	1.12

Table D.229: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.00	0.32	0.08	0.00
34003023100	0.00	0.00	0.44	0.11	0.00
34003023300	0.00	0.00	0.47	0.12	0.00
34003023200	0.00	0.00	0.45	0.12	0.00
34003033200	0.00	0.00	0.36	0.09	0.00
34003033300	0.00	0.00	0.44	0.11	0.00
34003054400	0.00	0.00	0.61	0.16	0.00
34003052200	0.00	0.00	0.38	0.10	0.00
34003023500	0.00	0.00	0.41	0.11	0.00
34003030100	0.00	0.00	0.32	0.08	0.00
34003054500	0.00	0.00	0.64	0.17	0.00
34003023401	0.00	0.00	0.44	0.11	0.00
34003030300	0.00	0.00	0.35	0.09	0.00
34003030200	0.00	0.00	0.35	0.09	0.00
34003023402	0.00	0.00	0.29	0.07	0.00
34003021400	0.00	0.00	0.42	0.11	0.00
34003004000	0.00	0.00	0.56	0.14	0.00
34003054600	0.00	0.00	0.48	0.13	0.00
34003021300	0.00	0.00	0.41	0.10	0.00
34003023600	0.00	0.00	0.37	0.09	0.00
34003030400	0.00	0.00	0.40	0.10	0.00
34031175200	0.00	0.00	0.35	0.09	0.00
34003028001	0.00	0.00	0.60	0.16	0.00
34003025100	0.00	0.00	0.43	0.11	0.00
34003021500	0.00	0.00	0.37	0.09	0.00
34003021600	0.00	0.00	0.37	0.09	0.00
34003036100	0.00	0.00	0.29	0.07	0.00

Table D.230: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.00	0.34	0.08	0.00
34003046200	0.00	0.00	0.44	0.11	0.00
34003060000	0.00	0.00	0.26	0.08	0.00
34003046100	0.00	0.00	0.45	0.11	0.00
34031175900	0.00	0.00	0.28	0.08	0.00
34003057101	0.00	0.00	0.39	0.11	0.00
34003046300	0.00	0.00	0.38	0.10	0.00
34003057200	0.00	0.00	0.32	0.10	0.00
34003029100	0.00	0.00	0.48	0.12	0.00
34031175700	0.00	0.00	0.25	0.09	0.00
34003029200	0.00	0.00	0.48	0.12	0.00
34003041100	0.00	0.00	0.49	0.13	0.00
34003057102	0.00	0.00	0.18	0.06	0.00
34003012000	0.00	0.00	0.20	0.07	0.00
34003036200	0.00	0.00	0.37	0.11	0.00
34003005000	0.00	0.00	0.21	0.07	0.00
34003041300	0.00	0.00	0.53	0.14	0.00
34003045200	0.00	0.00	0.32	0.08	0.00
34003051100	0.00	0.00	0.26	0.10	0.00
34003045100	0.00	0.00	0.30	0.08	0.00
34003051300	0.00	0.00	0.18	0.07	0.00
34003051200	0.00	0.00	0.25	0.10	0.00
34003018200	0.00	0.00	0.59	0.19	0.00
34003051400	0.00	0.00	0.28	0.11	0.00
34017014600	0.00	0.00	0.66	0.25	0.01
34017019500	0.00	0.00	0.62	0.24	0.01

Table D.231: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.79	0.16	0.01	0.16
34003023100	0.00	0.96	0.20	0.01	0.22
34003023300	0.00	0.80	0.16	0.01	0.18
34003023200	0.00	0.72	0.15	0.01	0.17
34003033200	0.00	0.83	0.17	0.01	0.18
34003033300	0.00	0.80	0.16	0.01	0.17
34003054400	0.00	0.97	0.20	0.01	0.24
34003052200	0.00	0.81	0.17	0.01	0.15
34003023500	0.00	0.64	0.13	0.01	0.14
34003030100	0.00	0.71	0.15	0.01	0.14
34003054500	0.00	1.05	0.22	0.01	0.27
34003023401	0.00	0.64	0.13	0.01	0.13
34003030300	0.00	0.51	0.11	0.01	0.09
34003030200	0.00	0.49	0.10	0.01	0.09
34003023402	0.00	0.62	0.13	0.01	0.13
34003021400	0.00	0.62	0.13	0.01	0.11
34003004000	0.00	0.91	0.19	0.01	0.21
34003054600	0.00	0.93	0.19	0.01	0.23
34003021300	0.00	0.58	0.12	0.01	0.10
34003023600	0.00	0.73	0.15	0.01	0.15
34003030400	0.00	0.58	0.12	0.01	0.11
34031175200	0.00	0.43	0.09	0.01	0.07
34003028001	0.00	1.08	0.22	0.01	0.28
34003025100	0.00	0.78	0.17	0.01	0.14
34003021500	0.00	0.56	0.12	0.01	0.10
34003021600	0.00	0.48	0.10	0.01	0.08
34003036100	0.00	0.68	0.14	0.01	0.13

Table D.232: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.57	0.12	0.01	0.10
34003046200	0.00	0.78	0.16	0.01	0.17
34003060000	0.00	0.59	0.12	0.01	0.09
34003046100	0.00	0.89	0.19	0.01	0.19
34031175900	0.00	0.44	0.09	0.01	0.07
34003057101	0.00	0.60	0.13	0.01	0.09
34003046300	0.00	0.71	0.15	0.01	0.15
34003057200	0.00	0.51	0.10	0.01	0.07
34003029100	0.00	0.76	0.16	0.01	0.15
34031175700	0.00	0.47	0.09	0.01	0.11
34003029200	0.00	0.86	0.19	0.01	0.16
34003041100	0.00	0.87	0.18	0.01	0.20
34003057102	0.00	0.43	0.09	0.01	0.07
34003012000	0.00	0.57	0.11	0.01	0.14
34003036200	0.00	0.71	0.15	0.01	0.11
34003005000	0.00	0.60	0.12	0.01	0.12
34003041300	0.00	0.79	0.17	0.01	0.18
34003045200	0.00	0.76	0.17	0.01	0.15
34003051100	0.00	0.59	0.11	0.01	0.17
34003045100	0.00	0.67	0.14	0.01	0.13
34003051300	0.00	0.50	0.09	0.01	0.16
34003051200	0.00	0.63	0.11	0.01	0.22
34003018200	0.00	1.01	0.19	0.01	0.14
34003051400	0.00	0.75	0.14	0.01	0.29
34017014600	0.00	1.43	0.27	0.02	0.65
34017019500	0.00	1.37	0.25	0.02	0.59

Table D.233: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.00	0.29	0.15	0.43
34003023100	0.00	0.00	0.39	0.21	0.64
34003023300	0.00	0.00	0.41	0.22	0.65
34003023200	0.00	0.00	0.38	0.20	0.63
34003033200	0.00	0.00	0.33	0.18	0.51
34003033300	0.00	0.00	0.38	0.20	0.57
34003054400	0.00	0.00	0.53	0.28	0.92
34003052200	0.00	0.00	0.32	0.17	0.44
34003023500	0.00	0.00	0.34	0.18	0.52
34003030100	0.00	0.00	0.27	0.14	0.37
34003054500	0.00	0.00	0.55	0.29	0.99
34003023401	0.00	0.00	0.34	0.18	0.51
34003030300	0.00	0.00	0.27	0.14	0.36
34003030200	0.00	0.00	0.27	0.14	0.35
34003023402	0.00	0.00	0.25	0.13	0.35
34003021400	0.00	0.00	0.33	0.17	0.41
34003004000	0.00	0.00	0.47	0.25	0.76
34003054600	0.00	0.00	0.42	0.22	0.73
34003021300	0.00	0.00	0.31	0.16	0.38
34003023600	0.00	0.00	0.32	0.17	0.48
34003030400	0.00	0.00	0.32	0.17	0.40
34031175200	0.00	0.00	0.26	0.13	0.28
34003028001	0.00	0.00	0.52	0.28	0.95
34003025100	0.00	0.00	0.36	0.19	0.45
34003021500	0.00	0.00	0.29	0.15	0.34
34003021600	0.00	0.00	0.27	0.14	0.31
34003036100	0.00	0.00	0.25	0.13	0.33

Table D.234: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.00	0.28	0.14	0.33
34003046200	0.00	0.00	0.37	0.20	0.58
34003060000	0.00	0.00	0.22	0.12	0.23
34003046100	0.00	0.00	0.39	0.20	0.59
34031175900	0.00	0.00	0.21	0.11	0.22
34003057101	0.00	0.00	0.30	0.16	0.32
34003046300	0.00	0.00	0.32	0.17	0.46
34003057200	0.00	0.00	0.24	0.13	0.24
34003029100	0.00	0.00	0.40	0.21	0.55
34031175700	0.00	0.00	0.20	0.12	0.34
34003029200	0.00	0.00	0.41	0.21	0.50
34003041100	0.00	0.00	0.42	0.22	0.68
34003057102	0.00	0.00	0.15	0.08	0.17
34003012000	0.00	0.00	0.16	0.10	0.32
34003036200	0.00	0.00	0.31	0.17	0.32
34003005000	0.00	0.00	0.18	0.10	0.26
34003041300	0.00	0.00	0.43	0.22	0.68
34003045200	0.00	0.00	0.27	0.14	0.36
34003051100	0.00	0.00	0.21	0.13	0.48
34003045100	0.00	0.00	0.25	0.13	0.33
34003051300	0.00	0.00	0.15	0.09	0.40
34003051200	0.00	0.00	0.21	0.13	0.60
34003018200	0.00	0.00	0.48	0.28	0.50
34003051400	0.00	0.00	0.24	0.14	0.71
34017014600	0.00	0.00	0.53	0.32	1.89
34017019500	0.00	0.00	0.50	0.30	1.70

Table D.235: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.02	0.16	0.01	0.03
34003023100	0.00	0.07	0.41	0.02	0.08
34003023300	0.00	0.06	0.35	0.02	0.07
34003023200	0.00	0.06	0.35	0.02	0.07
34003033200	0.00	0.04	0.25	0.01	0.05
34003033300	0.00	0.05	0.31	0.02	0.06
34003054400	0.00	0.09	0.57	0.03	0.12
34003052200	0.00	0.03	0.21	0.01	0.03
34003023500	0.00	0.05	0.30	0.02	0.06
34003030100	0.00	0.02	0.13	0.01	0.02
34003054500	0.00	0.10	0.59	0.03	0.13
34003023401	0.00	0.04	0.27	0.01	0.05
34003030300	0.00	0.03	0.20	0.01	0.03
34003030200	0.00	0.03	0.19	0.01	0.03
34003023402	0.00	0.02	0.12	0.01	0.02
34003021400	0.00	0.04	0.23	0.01	0.04
34003004000	0.00	0.06	0.40	0.02	0.08
34003054600	0.00	0.04	0.25	0.01	0.05
34003021300	0.00	0.03	0.21	0.01	0.03
34003023600	0.00	0.04	0.23	0.01	0.04
34003030400	0.00	0.03	0.22	0.01	0.04
34031175200	0.00	0.02	0.16	0.01	0.02
34003028001	0.00	0.06	0.38	0.02	0.09
34003025100	0.00	0.04	0.26	0.01	0.04
34003021500	0.00	0.03	0.21	0.01	0.03
34003021600	0.00	0.03	0.18	0.01	0.03
34003036100	0.00	0.03	0.16	0.01	0.03

Table D.236: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.03	0.18	0.01	0.03
34003046200	0.00	0.04	0.22	0.01	0.04
34003060000	0.00	0.02	0.11	0.01	0.01
34003046100	0.00	0.03	0.21	0.01	0.04
34031175900	0.00	0.02	0.11	0.01	0.01
34003057101	0.00	0.03	0.20	0.01	0.03
34003046300	0.00	0.03	0.18	0.01	0.03
34003057200	0.00	0.02	0.12	0.01	0.02
34003029100	0.00	0.05	0.35	0.02	0.06
34031175700	0.00	0.01	0.07	0.00	0.02
34003029200	0.00	0.06	0.37	0.02	0.06
34003041100	0.00	0.06	0.34	0.02	0.07
34003057102	0.00	0.01	0.06	0.00	0.01
34003012000	0.00	0.01	0.06	0.00	0.02
34003036200	0.00	0.05	0.31	0.02	0.04
34003005000	0.00	0.01	0.07	0.00	0.01
34003041300	0.00	0.06	0.34	0.02	0.07
34003045200	0.00	0.02	0.15	0.01	0.03
34003051100	0.00	0.02	0.08	0.01	0.02
34003045100	0.00	0.02	0.15	0.01	0.03
34003051300	0.00	0.01	0.06	0.00	0.02
34003051200	0.00	0.02	0.08	0.01	0.03
34003018200	0.00	0.08	0.43	0.03	0.06
34003051400	0.00	0.02	0.09	0.01	0.03
34017014600	0.00	0.06	0.33	0.02	0.15
34017019500	0.00	0.07	0.37	0.03	0.16

Table D.237: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.16	0.35	0.03	0.01
34003023100	0.00	0.23	0.49	0.04	0.01
34003023300	0.00	0.22	0.47	0.04	0.01
34003023200	0.00	0.21	0.45	0.04	0.01
34003033200	0.00	0.19	0.40	0.03	0.01
34003033300	0.00	0.21	0.45	0.03	0.01
34003054400	0.00	0.28	0.60	0.05	0.01
34003052200	0.00	0.18	0.39	0.03	0.01
34003023500	0.00	0.19	0.41	0.03	0.01
34003030100	0.00	0.14	0.32	0.02	0.01
34003054500	0.00	0.29	0.62	0.05	0.01
34003023401	0.00	0.19	0.41	0.03	0.01
34003030300	0.00	0.15	0.33	0.03	0.01
34003030200	0.00	0.15	0.33	0.03	0.01
34003023402	0.00	0.13	0.29	0.02	0.01
34003021400	0.00	0.18	0.39	0.03	0.01
34003004000	0.00	0.24	0.53	0.04	0.01
34003054600	0.00	0.21	0.45	0.04	0.01
34003021300	0.00	0.17	0.37	0.03	0.01
34003023600	0.00	0.18	0.39	0.03	0.01
34003030400	0.00	0.16	0.37	0.03	0.01
34031175200	0.00	0.13	0.31	0.02	0.00
34003028001	0.00	0.26	0.56	0.05	0.01
34003025100	0.00	0.19	0.42	0.03	0.01
34003021500	0.00	0.16	0.35	0.03	0.00
34003021600	0.00	0.14	0.33	0.03	0.00
34003036100	0.00	0.15	0.33	0.03	0.01

Table D.238: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.14	0.33	0.03	0.00
34003046200	0.00	0.19	0.41	0.03	0.01
34003060000	0.00	0.13	0.28	0.02	0.00
34003046100	0.00	0.19	0.42	0.03	0.01
34031175900	0.00	0.12	0.26	0.02	0.00
34003057101	0.00	0.16	0.36	0.03	0.00
34003046300	0.00	0.16	0.36	0.03	0.01
34003057200	0.00	0.14	0.29	0.03	0.00
34003029100	0.00	0.21	0.47	0.04	0.01
34031175700	0.00	0.11	0.22	0.02	0.00
34003029200	0.00	0.21	0.48	0.04	0.01
34003041100	0.00	0.21	0.47	0.04	0.01
34003057102	0.00	0.09	0.18	0.02	0.00
34003012000	0.00	0.10	0.20	0.02	0.00
34003036200	0.00	0.19	0.40	0.04	0.01
34003005000	0.00	0.11	0.21	0.02	0.00
34003041300	0.00	0.21	0.47	0.04	0.01
34003045200	0.00	0.14	0.32	0.02	0.01
34003051100	0.00	0.13	0.24	0.03	0.01
34003045100	0.00	0.13	0.30	0.02	0.00
34003051300	0.00	0.10	0.18	0.02	0.01
34003051200	0.00	0.13	0.24	0.03	0.01
34003018200	0.00	0.27	0.53	0.05	0.01
34003051400	0.00	0.15	0.28	0.03	0.01
34017014600	0.00	0.32	0.60	0.07	0.03
34017019500	0.00	0.31	0.57	0.07	0.02

Table D.239: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003050000	0.00	0.24	0.28	0.04	0.01
34003023100	0.00	0.32	0.37	0.05	0.01
34003023300	0.00	0.34	0.39	0.05	0.01
34003023200	0.00	0.32	0.37	0.05	0.01
34003033200	0.00	0.28	0.32	0.04	0.01
34003033300	0.00	0.32	0.37	0.05	0.01
34003054400	0.00	0.42	0.48	0.06	0.01
34003052200	0.00	0.28	0.33	0.04	0.01
34003023500	0.00	0.29	0.33	0.04	0.01
34003030100	0.00	0.23	0.27	0.03	0.01
34003054500	0.00	0.44	0.50	0.07	0.01
34003023401	0.00	0.30	0.35	0.04	0.01
34003030300	0.00	0.23	0.28	0.03	0.01
34003030200	0.00	0.23	0.27	0.03	0.01
34003023402	0.00	0.21	0.25	0.03	0.01
34003021400	0.00	0.28	0.33	0.04	0.01
34003004000	0.00	0.37	0.43	0.06	0.01
34003054600	0.00	0.33	0.38	0.05	0.01
34003021300	0.00	0.26	0.32	0.04	0.01
34003023600	0.00	0.27	0.32	0.04	0.01
34003030400	0.00	0.26	0.31	0.04	0.01
34031175200	0.00	0.21	0.26	0.03	0.00
34003028001	0.00	0.41	0.46	0.06	0.01
34003025100	0.00	0.29	0.35	0.04	0.01
34003021500	0.00	0.24	0.29	0.04	0.00
34003021600	0.00	0.22	0.28	0.03	0.00
34003036100	0.00	0.22	0.26	0.03	0.01

Table D.240: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in QUEENS County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)	Airport (%)
34003025200	0.00	0.23	0.28	0.03	0.00
34003046200	0.00	0.30	0.35	0.05	0.01
34003060000	0.00	0.21	0.23	0.03	0.00
34003046100	0.00	0.30	0.35	0.05	0.01
34031175900	0.00	0.19	0.22	0.03	0.00
34003057101	0.00	0.26	0.31	0.04	0.00
34003046300	0.00	0.25	0.31	0.04	0.01
34003057200	0.00	0.22	0.25	0.04	0.00
34003029100	0.00	0.31	0.38	0.05	0.01
34031175700	0.00	0.20	0.20	0.03	0.00
34003029200	0.00	0.32	0.39	0.05	0.01
34003041100	0.00	0.32	0.38	0.05	0.01
34003057102	0.00	0.14	0.15	0.02	0.00
34003012000	0.00	0.18	0.17	0.03	0.00
34003036200	0.00	0.29	0.32	0.05	0.00
34003005000	0.00	0.18	0.18	0.03	0.00
34003041300	0.00	0.33	0.39	0.05	0.01
34003045200	0.00	0.21	0.26	0.03	0.01
34003051100	0.00	0.22	0.21	0.04	0.01
34003045100	0.00	0.21	0.25	0.03	0.00
34003051300	0.00	0.18	0.15	0.03	0.01
34003051200	0.00	0.23	0.21	0.04	0.01
34003018200	0.00	0.43	0.42	0.07	0.01
34003051400	0.00	0.26	0.24	0.04	0.01
34017014600	0.00	0.55	0.50	0.10	0.03
34017019500	0.00	0.53	0.49	0.09	0.02

Table D.241: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.02	0.03
34003023100	0.00	0.00	0.03	0.05
34003023300	0.00	0.00	0.03	0.04
34003023200	0.00	0.00	0.03	0.04
34003033200	0.00	0.00	0.03	0.04
34003033300	0.00	0.00	0.03	0.04
34003054400	0.00	0.00	0.03	0.05
34003052200	0.00	0.00	0.03	0.04
34003023500	0.00	0.00	0.03	0.04
34003030100	0.00	0.00	0.02	0.03
34003054500	0.00	0.00	0.03	0.05
34003023401	0.00	0.00	0.03	0.04
34003030300	0.00	0.00	0.02	0.04
34003030200	0.00	0.00	0.02	0.04
34003023402	0.00	0.00	0.02	0.03
34003021400	0.00	0.00	0.03	0.04
34003004000	0.00	0.00	0.03	0.05
34003054600	0.00	0.00	0.02	0.04
34003021300	0.00	0.00	0.03	0.04
34003023600	0.00	0.00	0.02	0.04
34003030400	0.00	0.00	0.03	0.04
34031175200	0.00	0.00	0.03	0.04
34003028001	0.00	0.00	0.03	0.04
34003025100	0.00	0.00	0.03	0.05
34003021500	0.00	0.00	0.03	0.04
34003021600	0.00	0.00	0.03	0.04
34003036100	0.00	0.00	0.02	0.03

Table D.242: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.02	0.04
34003046200	0.00	0.00	0.02	0.04
34003060000	0.00	0.00	0.02	0.03
34003046100	0.00	0.00	0.02	0.04
34031175900	0.00	0.00	0.02	0.03
34003057101	0.00	0.00	0.03	0.05
34003046300	0.00	0.00	0.02	0.03
34003057200	0.00	0.00	0.02	0.04
34003029100	0.00	0.00	0.03	0.05
34031175700	0.00	0.00	0.02	0.03
34003029200	0.00	0.00	0.03	0.05
34003041100	0.00	0.00	0.03	0.04
34003057102	0.00	0.00	0.01	0.02
34003012000	0.00	0.00	0.02	0.03
34003036200	0.00	0.00	0.03	0.04
34003005000	0.00	0.00	0.02	0.03
34003041300	0.00	0.00	0.02	0.04
34003045200	0.00	0.00	0.02	0.03
34003051100	0.00	0.00	0.02	0.03
34003045100	0.00	0.00	0.02	0.02
34003051300	0.00	0.00	0.02	0.02
34003051200	0.00	0.00	0.02	0.03
34003018200	0.00	0.00	0.03	0.05
34003051400	0.00	0.00	0.02	0.03
34017014600	0.00	0.00	0.03	0.04
34017019500	0.00	0.00	0.03	0.05

Table D.243: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.11	0.02	0.01
34003023100	0.00	0.13	0.02	0.02
34003023300	0.00	0.13	0.02	0.02
34003023200	0.00	0.12	0.02	0.01
34003033200	0.00	0.12	0.02	0.01
34003033300	0.00	0.13	0.02	0.02
34003054400	0.00	0.15	0.02	0.02
34003052200	0.00	0.13	0.02	0.02
34003023500	0.00	0.11	0.02	0.01
34003030100	0.00	0.11	0.02	0.01
34003054500	0.00	0.15	0.02	0.02
34003023401	0.00	0.12	0.02	0.01
34003030300	0.00	0.11	0.02	0.01
34003030200	0.00	0.11	0.02	0.01
34003023402	0.00	0.09	0.01	0.01
34003021400	0.00	0.13	0.02	0.02
34003004000	0.00	0.14	0.02	0.02
34003054600	0.00	0.13	0.02	0.01
34003021300	0.00	0.13	0.02	0.02
34003023600	0.00	0.11	0.02	0.01
34003030400	0.00	0.12	0.02	0.02
34031175200	0.00	0.11	0.02	0.01
34003028001	0.00	0.14	0.02	0.02
34003025100	0.00	0.14	0.02	0.02
34003021500	0.00	0.12	0.02	0.02
34003021600	0.00	0.12	0.02	0.01
34003036100	0.00	0.10	0.02	0.01

Table D.244: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.11	0.02	0.01
34003046200	0.00	0.12	0.02	0.01
34003060000	0.00	0.11	0.02	0.01
34003046100	0.00	0.13	0.02	0.02
34031175900	0.00	0.10	0.02	0.01
34003057101	0.00	0.13	0.02	0.02
34003046300	0.00	0.11	0.02	0.01
34003057200	0.00	0.12	0.02	0.01
34003029100	0.00	0.14	0.02	0.02
34031175700	0.00	0.10	0.02	0.01
34003029200	0.00	0.15	0.02	0.02
34003041100	0.00	0.12	0.02	0.01
34003057102	0.00	0.08	0.01	0.01
34003012000	0.00	0.09	0.01	0.01
34003036200	0.00	0.13	0.02	0.02
34003005000	0.00	0.09	0.01	0.01
34003041300	0.00	0.12	0.02	0.01
34003045200	0.00	0.09	0.01	0.01
34003051100	0.00	0.11	0.02	0.01
34003045100	0.00	0.08	0.01	0.01
34003051300	0.00	0.08	0.01	0.01
34003051200	0.00	0.10	0.02	0.01
34003018200	0.00	0.15	0.02	0.02
34003051400	0.00	0.11	0.02	0.01
34017014600	0.00	0.14	0.02	0.02
34017019500	0.00	0.17	0.03	0.02

Table D.245: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.66	0.02	0.02
34003023100	0.00	0.90	0.03	0.02
34003023300	0.00	0.89	0.03	0.02
34003023200	0.00	0.86	0.03	0.02
34003033200	0.00	0.76	0.02	0.02
34003033300	0.00	0.87	0.03	0.02
34003054400	0.00	1.04	0.03	0.03
34003052200	0.00	0.80	0.02	0.02
34003023500	0.00	0.86	0.03	0.02
34003030100	0.00	0.68	0.02	0.02
34003054500	0.00	1.08	0.03	0.03
34003023401	0.00	0.86	0.03	0.02
34003030300	0.00	0.82	0.02	0.02
34003030200	0.00	0.82	0.02	0.02
34003023402	0.00	0.63	0.02	0.02
34003021400	0.00	0.93	0.03	0.03
34003004000	0.00	1.03	0.03	0.03
34003054600	0.00	0.85	0.02	0.02
34003021300	0.00	0.92	0.03	0.03
34003023600	0.00	0.81	0.02	0.02
34003030400	0.00	0.90	0.03	0.02
34031175200	0.00	0.88	0.03	0.02
34003028001	0.00	0.99	0.03	0.03
34003025100	0.00	0.96	0.03	0.03
34003021500	0.00	0.91	0.03	0.02
34003021600	0.00	0.88	0.03	0.02
34003036100	0.00	0.72	0.02	0.02

Table D.246: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.82	0.02	0.02
34003046200	0.00	0.86	0.02	0.02
34003060000	0.00	0.75	0.02	0.02
34003046100	0.00	0.88	0.02	0.02
34031175900	0.00	0.76	0.02	0.02
34003057101	0.00	0.99	0.03	0.03
34003046300	0.00	0.80	0.02	0.02
34003057200	0.00	0.85	0.02	0.02
34003029100	0.00	1.02	0.03	0.03
34031175700	0.00	0.71	0.02	0.02
34003029200	0.00	1.09	0.03	0.03
34003041100	0.00	0.95	0.03	0.02
34003057102	0.00	0.54	0.02	0.01
34003012000	0.00	0.61	0.02	0.02
34003036200	0.00	0.99	0.03	0.03
34003005000	0.00	0.63	0.02	0.02
34003041300	0.00	0.97	0.03	0.02
34003045200	0.00	0.68	0.02	0.02
34003051100	0.00	0.76	0.02	0.02
34003045100	0.00	0.66	0.02	0.02
34003051300	0.00	0.60	0.02	0.02
34003051200	0.00	0.74	0.02	0.02
34003018200	0.00	1.20	0.03	0.03
34003051400	0.00	0.76	0.02	0.02
34017014600	0.00	1.21	0.03	0.03
34017019500	0.00	1.32	0.03	0.03

Table D.247: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.08	0.01	0.01
34003023100	0.00	0.12	0.01	0.02
34003023300	0.00	0.14	0.01	0.02
34003023200	0.00	0.12	0.01	0.01
34003033200	0.00	0.10	0.01	0.01
34003033300	0.00	0.13	0.01	0.02
34003054400	0.00	0.18	0.02	0.02
34003052200	0.00	0.11	0.01	0.01
34003023500	0.00	0.11	0.01	0.01
34003030100	0.00	0.07	0.01	0.01
34003054500	0.00	0.17	0.02	0.02
34003023401	0.00	0.12	0.01	0.02
34003030300	0.00	0.11	0.01	0.01
34003030200	0.00	0.11	0.01	0.01
34003023402	0.00	0.06	0.01	0.01
34003021400	0.00	0.15	0.01	0.02
34003004000	0.00	0.14	0.01	0.02
34003054600	0.00	0.09	0.01	0.01
34003021300	0.00	0.14	0.01	0.02
34003023600	0.00	0.09	0.01	0.01
34003030400	0.00	0.13	0.01	0.02
34031175200	0.00	0.12	0.01	0.01
34003028001	0.00	0.11	0.01	0.01
34003025100	0.00	0.14	0.01	0.02
34003021500	0.00	0.13	0.01	0.02
34003021600	0.00	0.13	0.01	0.02
34003036100	0.00	0.07	0.01	0.01

Table D.248: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.11	0.01	0.01
34003046200	0.00	0.09	0.01	0.01
34003060000	0.00	0.08	0.01	0.01
34003046100	0.00	0.09	0.01	0.01
34031175900	0.00	0.09	0.01	0.01
34003057101	0.00	0.15	0.01	0.02
34003046300	0.00	0.08	0.01	0.01
34003057200	0.00	0.10	0.01	0.01
34003029100	0.00	0.14	0.01	0.02
34031175700	0.00	0.07	0.01	0.01
34003029200	0.00	0.15	0.01	0.02
34003041100	0.00	0.10	0.01	0.01
34003057102	0.00	0.05	0.00	0.01
34003012000	0.00	0.06	0.01	0.01
34003036200	0.00	0.12	0.01	0.02
34003005000	0.00	0.06	0.01	0.01
34003041300	0.00	0.10	0.01	0.01
34003045200	0.00	0.05	0.01	0.01
34003051100	0.00	0.08	0.01	0.01
34003045100	0.00	0.05	0.00	0.01
34003051300	0.00	0.05	0.01	0.01
34003051200	0.00	0.07	0.01	0.01
34003018200	0.00	0.13	0.01	0.02
34003051400	0.00	0.08	0.01	0.01
34017014600	0.00	0.12	0.01	0.02
34017019500	0.00	0.18	0.02	0.02

Table D.249: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	2.00	0.02	0.02
34003023100	0.00	2.62	0.03	0.03
34003023300	0.00	2.67	0.03	0.03
34003023200	0.00	2.50	0.02	0.03
34003033200	0.00	2.26	0.02	0.02
34003033300	0.00	2.65	0.03	0.03
34003054400	0.00	3.19	0.03	0.03
34003052200	0.00	2.50	0.02	0.03
34003023500	0.00	2.40	0.02	0.02
34003030100	0.00	2.07	0.02	0.02
34003054500	0.00	3.29	0.03	0.03
34003023401	0.00	2.50	0.02	0.03
34003030300	0.00	2.35	0.02	0.02
34003030200	0.00	2.34	0.02	0.02
34003023402	0.00	1.83	0.02	0.02
34003021400	0.00	2.83	0.03	0.03
34003004000	0.00	3.03	0.03	0.03
34003054600	0.00	2.55	0.02	0.02
34003021300	0.00	2.81	0.03	0.03
34003023600	0.00	2.33	0.02	0.02
34003030400	0.00	2.70	0.03	0.03
34031175200	0.00	2.53	0.02	0.03
34003028001	0.00	2.94	0.03	0.03
34003025100	0.00	2.97	0.03	0.03
34003021500	0.00	2.70	0.03	0.03
34003021600	0.00	2.61	0.03	0.03
34003036100	0.00	2.00	0.02	0.02

Table D.250: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	2.42	0.02	0.02
34003046200	0.00	2.53	0.02	0.02
34003060000	0.00	2.16	0.02	0.02
34003046100	0.00	2.60	0.02	0.02
34031175900	0.00	2.10	0.02	0.02
34003057101	0.00	2.97	0.03	0.03
34003046300	0.00	2.30	0.02	0.02
34003057200	0.00	2.53	0.02	0.03
34003029100	0.00	2.97	0.03	0.03
34031175700	0.00	2.09	0.02	0.02
34003029200	0.00	3.18	0.03	0.03
34003041100	0.00	2.69	0.02	0.02
34003057102	0.00	1.52	0.01	0.02
34003012000	0.00	1.78	0.02	0.02
34003036200	0.00	2.77	0.03	0.03
34003005000	0.00	1.83	0.02	0.02
34003041300	0.00	2.70	0.02	0.02
34003045200	0.00	1.92	0.02	0.02
34003051100	0.00	2.25	0.02	0.02
34003045100	0.00	1.73	0.02	0.02
34003051300	0.00	1.69	0.02	0.02
34003051200	0.00	2.18	0.02	0.02
34003018200	0.00	3.31	0.03	0.03
34003051400	0.00	2.24	0.02	0.02
34017014600	0.00	3.31	0.03	0.03
34017019500	0.00	3.98	0.04	0.04

Table D.251: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.02	0.02
34003023100	0.00	0.00	0.02	0.03
34003023300	0.00	0.00	0.02	0.03
34003023200	0.00	0.00	0.02	0.02
34003033200	0.00	0.00	0.02	0.02
34003033300	0.00	0.00	0.02	0.03
34003054400	0.00	0.00	0.03	0.03
34003052200	0.00	0.00	0.02	0.02
34003023500	0.00	0.00	0.02	0.02
34003030100	0.00	0.00	0.02	0.02
34003054500	0.00	0.00	0.03	0.03
34003023401	0.00	0.00	0.02	0.02
34003030300	0.00	0.00	0.02	0.02
34003030200	0.00	0.00	0.02	0.02
34003023402	0.00	0.00	0.02	0.02
34003021400	0.00	0.00	0.02	0.03
34003004000	0.00	0.00	0.03	0.03
34003054600	0.00	0.00	0.02	0.02
34003021300	0.00	0.00	0.02	0.03
34003023600	0.00	0.00	0.02	0.02
34003030400	0.00	0.00	0.02	0.03
34031175200	0.00	0.00	0.02	0.02
34003028001	0.00	0.00	0.02	0.03
34003025100	0.00	0.00	0.03	0.03
34003021500	0.00	0.00	0.02	0.03
34003021600	0.00	0.00	0.02	0.02
34003036100	0.00	0.00	0.02	0.02

Table D.252: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.02	0.02
34003046200	0.00	0.00	0.02	0.02
34003060000	0.00	0.00	0.02	0.02
34003046100	0.00	0.00	0.02	0.02
34031175900	0.00	0.00	0.02	0.02
34003057101	0.00	0.00	0.02	0.03
34003046300	0.00	0.00	0.02	0.02
34003057200	0.00	0.00	0.02	0.02
34003029100	0.00	0.00	0.03	0.03
34031175700	0.00	0.00	0.02	0.02
34003029200	0.00	0.00	0.03	0.03
34003041100	0.00	0.00	0.02	0.02
34003057102	0.00	0.00	0.01	0.02
34003012000	0.00	0.00	0.02	0.02
34003036200	0.00	0.00	0.03	0.03
34003005000	0.00	0.00	0.02	0.02
34003041300	0.00	0.00	0.02	0.02
34003045200	0.00	0.00	0.02	0.02
34003051100	0.00	0.00	0.02	0.02
34003045100	0.00	0.00	0.02	0.02
34003051300	0.00	0.00	0.01	0.02
34003051200	0.00	0.00	0.02	0.02
34003018200	0.00	0.00	0.03	0.03
34003051400	0.00	0.00	0.02	0.02
34017014600	0.00	0.00	0.03	0.03
34017019500	0.00	0.00	0.03	0.03

Table D.253: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.02	0.04
34003023100	0.00	0.00	0.03	0.06
34003023300	0.00	0.00	0.03	0.06
34003023200	0.00	0.00	0.03	0.06
34003033200	0.00	0.00	0.02	0.05
34003033300	0.00	0.00	0.03	0.06
34003054400	0.00	0.00	0.04	0.08
34003052200	0.00	0.00	0.03	0.06
34003023500	0.00	0.00	0.03	0.05
34003030100	0.00	0.00	0.02	0.05
34003054500	0.00	0.00	0.04	0.08
34003023401	0.00	0.00	0.03	0.06
34003030300	0.00	0.00	0.03	0.05
34003030200	0.00	0.00	0.03	0.05
34003023402	0.00	0.00	0.02	0.04
34003021400	0.00	0.00	0.03	0.07
34003004000	0.00	0.00	0.03	0.07
34003054600	0.00	0.00	0.03	0.06
34003021300	0.00	0.00	0.03	0.07
34003023600	0.00	0.00	0.02	0.05
34003030400	0.00	0.00	0.03	0.06
34031175200	0.00	0.00	0.03	0.06
34003028001	0.00	0.00	0.03	0.07
34003025100	0.00	0.00	0.03	0.07
34003021500	0.00	0.00	0.03	0.06
34003021600	0.00	0.00	0.03	0.06
34003036100	0.00	0.00	0.02	0.04

Table D.254: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.03	0.05
34003046200	0.00	0.00	0.03	0.06
34003060000	0.00	0.00	0.02	0.05
34003046100	0.00	0.00	0.03	0.06
34031175900	0.00	0.00	0.02	0.05
34003057101	0.00	0.00	0.03	0.07
34003046300	0.00	0.00	0.02	0.05
34003057200	0.00	0.00	0.03	0.06
34003029100	0.00	0.00	0.03	0.07
34031175700	0.00	0.00	0.02	0.05
34003029200	0.00	0.00	0.03	0.07
34003041100	0.00	0.00	0.03	0.06
34003057102	0.00	0.00	0.02	0.03
34003012000	0.00	0.00	0.02	0.04
34003036200	0.00	0.00	0.03	0.06
34003005000	0.00	0.00	0.02	0.04
34003041300	0.00	0.00	0.03	0.06
34003045200	0.00	0.00	0.02	0.04
34003051100	0.00	0.00	0.02	0.05
34003045100	0.00	0.00	0.02	0.04
34003051300	0.00	0.00	0.02	0.03
34003051200	0.00	0.00	0.02	0.05
34003018200	0.00	0.00	0.04	0.08
34003051400	0.00	0.00	0.02	0.05
34017014600	0.00	0.00	0.03	0.07
34017019500	0.00	0.00	0.04	0.08

Table D.255: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	3.28	0.01	0.00
34003023100	0.00	3.77	0.01	0.00
34003023300	0.00	3.19	0.01	0.00
34003023200	0.00	2.80	0.01	0.00
34003033200	0.00	3.39	0.01	0.00
34003033300	0.00	3.35	0.01	0.00
34003054400	0.00	3.67	0.01	0.00
34003052200	0.00	3.69	0.01	0.00
34003023500	0.00	2.65	0.01	0.00
34003030100	0.00	3.27	0.01	0.00
34003054500	0.00	3.95	0.01	0.00
34003023401	0.00	2.71	0.01	0.00
34003030300	0.00	2.50	0.01	0.00
34003030200	0.00	2.46	0.01	0.00
34003023402	0.00	2.72	0.01	0.00
34003021400	0.00	3.18	0.01	0.00
34003004000	0.00	3.66	0.01	0.00
34003054600	0.00	3.63	0.01	0.00
34003021300	0.00	3.10	0.01	0.00
34003023600	0.00	3.13	0.01	0.00
34003030400	0.00	2.98	0.01	0.00
34031175200	0.00	2.54	0.01	0.00
34003028001	0.00	3.93	0.01	0.00
34003025100	0.00	3.99	0.01	0.00
34003021500	0.00	3.12	0.01	0.00
34003021600	0.00	2.70	0.01	0.00
34003036100	0.00	3.20	0.01	0.00

Table D.256: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	3.06	0.01	0.00
34003046200	0.00	3.31	0.01	0.00
34003060000	0.00	3.38	0.01	0.00
34003046100	0.00	3.87	0.01	0.00
34031175900	0.00	2.63	0.01	0.00
34003057101	0.00	3.53	0.01	0.00
34003046300	0.00	3.16	0.01	0.00
34003057200	0.00	3.04	0.01	0.00
34003029100	0.00	3.49	0.01	0.00
34031175700	0.00	2.80	0.01	0.00
34003029200	0.00	4.27	0.01	0.00
34003041100	0.00	3.53	0.01	0.00
34003057102	0.00	2.53	0.01	0.00
34003012000	0.00	3.29	0.01	0.00
34003036200	0.00	3.64	0.01	0.00
34003005000	0.00	3.42	0.01	0.00
34003041300	0.00	3.19	0.01	0.00
34003045200	0.00	3.44	0.01	0.00
34003051100	0.00	3.40	0.01	0.00
34003045100	0.00	2.91	0.01	0.00
34003051300	0.00	2.81	0.01	0.00
34003051200	0.00	3.46	0.01	0.00
34003018200	0.00	4.11	0.01	0.00
34003051400	0.00	3.83	0.01	0.00
34017014600	0.00	5.03	0.01	0.00
34017019500	0.00	5.90	0.02	0.01

Table D.257: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.02	0.04
34003023100	0.00	0.00	0.02	0.05
34003023300	0.00	0.00	0.02	0.05
34003023200	0.00	0.00	0.02	0.05
34003033200	0.00	0.00	0.02	0.05
34003033300	0.00	0.00	0.02	0.05
34003054400	0.00	0.00	0.03	0.07
34003052200	0.00	0.00	0.02	0.05
34003023500	0.00	0.00	0.02	0.05
34003030100	0.00	0.00	0.02	0.04
34003054500	0.00	0.00	0.03	0.07
34003023401	0.00	0.00	0.02	0.05
34003030300	0.00	0.00	0.02	0.05
34003030200	0.00	0.00	0.02	0.04
34003023402	0.00	0.00	0.02	0.04
34003021400	0.00	0.00	0.02	0.06
34003004000	0.00	0.00	0.03	0.06
34003054600	0.00	0.00	0.02	0.05
34003021300	0.00	0.00	0.02	0.05
34003023600	0.00	0.00	0.02	0.05
34003030400	0.00	0.00	0.02	0.05
34031175200	0.00	0.00	0.02	0.05
34003028001	0.00	0.00	0.02	0.06
34003025100	0.00	0.00	0.03	0.06
34003021500	0.00	0.00	0.02	0.05
34003021600	0.00	0.00	0.02	0.05
34003036100	0.00	0.00	0.02	0.04

Table D.258: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.02	0.05
34003046200	0.00	0.00	0.02	0.05
34003060000	0.00	0.00	0.02	0.04
34003046100	0.00	0.00	0.02	0.05
34031175900	0.00	0.00	0.02	0.04
34003057101	0.00	0.00	0.02	0.06
34003046300	0.00	0.00	0.02	0.04
34003057200	0.00	0.00	0.02	0.05
34003029100	0.00	0.00	0.02	0.06
34031175700	0.00	0.00	0.02	0.04
34003029200	0.00	0.00	0.03	0.06
34003041100	0.00	0.00	0.02	0.05
34003057102	0.00	0.00	0.01	0.03
34003012000	0.00	0.00	0.01	0.03
34003036200	0.00	0.00	0.02	0.05
34003005000	0.00	0.00	0.01	0.04
34003041300	0.00	0.00	0.02	0.05
34003045200	0.00	0.00	0.01	0.03
34003051100	0.00	0.00	0.02	0.05
34003045100	0.00	0.00	0.01	0.03
34003051300	0.00	0.00	0.01	0.03
34003051200	0.00	0.00	0.02	0.04
34003018200	0.00	0.00	0.03	0.06
34003051400	0.00	0.00	0.02	0.04
34017014600	0.00	0.00	0.03	0.06
34017019500	0.00	0.00	0.03	0.07

Table D.259: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.12	0.01	0.00
34003023100	0.00	0.24	0.02	0.01
34003023300	0.00	0.22	0.02	0.01
34003023200	0.00	0.20	0.02	0.01
34003033200	0.00	0.17	0.01	0.01
34003033300	0.00	0.22	0.02	0.01
34003054400	0.00	0.29	0.02	0.01
34003052200	0.00	0.18	0.01	0.01
34003023500	0.00	0.19	0.02	0.01
34003030100	0.00	0.10	0.01	0.00
34003054500	0.00	0.29	0.02	0.01
34003023401	0.00	0.19	0.01	0.01
34003030300	0.00	0.18	0.01	0.01
34003030200	0.00	0.18	0.01	0.01
34003023402	0.00	0.09	0.01	0.00
34003021400	0.00	0.24	0.02	0.01
34003004000	0.00	0.23	0.02	0.01
34003054600	0.00	0.13	0.01	0.00
34003021300	0.00	0.23	0.02	0.01
34003023600	0.00	0.15	0.01	0.01
34003030400	0.00	0.21	0.02	0.01
34031175200	0.00	0.20	0.01	0.01
34003028001	0.00	0.17	0.01	0.01
34003025100	0.00	0.23	0.02	0.01
34003021500	0.00	0.24	0.02	0.01
34003021600	0.00	0.21	0.02	0.01
34003036100	0.00	0.12	0.01	0.00

Table D.260: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.18	0.01	0.01
34003046200	0.00	0.13	0.01	0.00
34003060000	0.00	0.13	0.01	0.00
34003046100	0.00	0.13	0.01	0.00
34031175900	0.00	0.14	0.01	0.00
34003057101	0.00	0.25	0.02	0.01
34003046300	0.00	0.12	0.01	0.00
34003057200	0.00	0.17	0.01	0.00
34003029100	0.00	0.24	0.02	0.01
34031175700	0.00	0.12	0.01	0.00
34003029200	0.00	0.27	0.02	0.01
34003041100	0.00	0.18	0.01	0.01
34003057102	0.00	0.08	0.01	0.00
34003012000	0.00	0.09	0.01	0.00
34003036200	0.00	0.26	0.02	0.01
34003005000	0.00	0.09	0.01	0.00
34003041300	0.00	0.17	0.01	0.01
34003045200	0.00	0.09	0.01	0.00
34003051100	0.00	0.13	0.01	0.00
34003045100	0.00	0.08	0.01	0.00
34003051300	0.00	0.09	0.01	0.00
34003051200	0.00	0.12	0.01	0.00
34003018200	0.00	0.26	0.02	0.01
34003051400	0.00	0.12	0.01	0.00
34017014600	0.00	0.21	0.01	0.01
34017019500	0.00	0.32	0.02	0.01

Table D.261: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	1.30	0.02	0.01
34003023100	0.00	1.75	0.03	0.02
34003023300	0.00	1.71	0.03	0.02
34003023200	0.00	1.61	0.03	0.02
34003033200	0.00	1.49	0.02	0.02
34003033300	0.00	1.70	0.03	0.02
34003054400	0.00	2.05	0.03	0.02
34003052200	0.00	1.60	0.03	0.02
34003023500	0.00	1.53	0.02	0.02
34003030100	0.00	1.30	0.02	0.01
34003054500	0.00	2.13	0.03	0.02
34003023401	0.00	1.57	0.03	0.02
34003030300	0.00	1.44	0.02	0.02
34003030200	0.00	1.43	0.02	0.02
34003023402	0.00	1.16	0.02	0.01
34003021400	0.00	1.74	0.03	0.02
34003004000	0.00	1.94	0.03	0.02
34003054600	0.00	1.61	0.02	0.02
34003021300	0.00	1.71	0.03	0.02
34003023600	0.00	1.51	0.02	0.02
34003030400	0.00	1.64	0.03	0.02
34031175200	0.00	1.51	0.02	0.02
34003028001	0.00	1.86	0.03	0.02
34003025100	0.00	1.87	0.03	0.02
34003021500	0.00	1.67	0.03	0.02
34003021600	0.00	1.58	0.03	0.02
34003036100	0.00	1.35	0.02	0.01

Table D.262: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.51	0.02	0.02
34003046200	0.00	1.58	0.02	0.02
34003060000	0.00	1.39	0.02	0.01
34003046100	0.00	1.63	0.02	0.02
34031175900	0.00	1.32	0.02	0.01
34003057101	0.00	1.83	0.03	0.02
34003046300	0.00	1.44	0.02	0.01
34003057200	0.00	1.53	0.02	0.02
34003029100	0.00	1.88	0.03	0.02
34031175700	0.00	1.25	0.02	0.01
34003029200	0.00	2.05	0.03	0.02
34003041100	0.00	1.71	0.03	0.02
34003057102	0.00	0.96	0.02	0.01
34003012000	0.00	1.12	0.02	0.01
34003036200	0.00	1.84	0.03	0.02
34003005000	0.00	1.16	0.02	0.01
34003041300	0.00	1.68	0.02	0.02
34003045200	0.00	1.23	0.02	0.01
34003051100	0.00	1.39	0.02	0.01
34003045100	0.00	1.14	0.02	0.01
34003051300	0.00	1.06	0.02	0.01
34003051200	0.00	1.33	0.02	0.01
34003018200	0.00	2.11	0.03	0.02
34003051400	0.00	1.39	0.02	0.01
34017014600	0.00	2.12	0.03	0.02
34017019500	0.00	2.46	0.04	0.02

Table D.263: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	2.57	0.02	0.02
34003023100	0.00	3.18	0.02	0.02
34003023300	0.00	3.40	0.02	0.03
34003023200	0.00	3.15	0.02	0.02
34003033200	0.00	2.86	0.02	0.02
34003033300	0.00	3.39	0.02	0.03
34003054400	0.00	3.95	0.03	0.03
34003052200	0.00	3.21	0.02	0.02
34003023500	0.00	3.00	0.02	0.02
34003030100	0.00	2.69	0.02	0.02
34003054500	0.00	4.08	0.03	0.03
34003023401	0.00	3.19	0.02	0.02
34003030300	0.00	2.92	0.02	0.02
34003030200	0.00	2.91	0.02	0.02
34003023402	0.00	2.38	0.02	0.02
34003021400	0.00	3.60	0.02	0.03
34003004000	0.00	3.79	0.02	0.03
34003054600	0.00	3.22	0.02	0.02
34003021300	0.00	3.56	0.02	0.03
34003023600	0.00	2.98	0.02	0.02
34003030400	0.00	3.41	0.02	0.03
34031175200	0.00	3.11	0.02	0.02
34003028001	0.00	3.61	0.02	0.03
34003025100	0.00	3.79	0.02	0.03
34003021500	0.00	3.35	0.02	0.03
34003021600	0.00	3.24	0.02	0.02
34003036100	0.00	2.61	0.02	0.02

Table D.264: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in RICHMOND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	3.11	0.02	0.02
34003046200	0.00	3.20	0.02	0.02
34003060000	0.00	2.85	0.02	0.02
34003046100	0.00	3.28	0.02	0.02
34031175900	0.00	2.72	0.02	0.02
34003057101	0.00	3.79	0.02	0.03
34003046300	0.00	2.91	0.02	0.02
34003057200	0.00	3.21	0.02	0.02
34003029100	0.00	3.67	0.02	0.03
34031175700	0.00	2.73	0.02	0.02
34003029200	0.00	4.02	0.03	0.03
34003041100	0.00	3.32	0.02	0.02
34003057102	0.00	2.01	0.01	0.02
34003012000	0.00	2.36	0.02	0.02
34003036200	0.00	3.55	0.02	0.03
34003005000	0.00	2.43	0.02	0.02
34003041300	0.00	3.31	0.02	0.02
34003045200	0.00	2.47	0.01	0.02
34003051100	0.00	2.94	0.02	0.02
34003045100	0.00	2.27	0.01	0.02
34003051300	0.00	2.22	0.01	0.02
34003051200	0.00	2.86	0.02	0.02
34003018200	0.00	4.04	0.02	0.03
34003051400	0.00	2.94	0.02	0.02
34017014600	0.00	4.25	0.02	0.03
34017019500	0.00	5.12	0.03	0.04

Table D.265: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.06	0.60	0.30
34003023100	0.00	0.08	0.73	0.37
34003023300	0.00	0.08	0.76	0.38
34003023200	0.00	0.08	0.75	0.38
34003033200	0.00	0.07	0.68	0.34
34003033300	0.00	0.07	0.68	0.34
34003054400	0.00	0.09	0.86	0.44
34003052200	0.00	0.07	0.61	0.30
34003023500	0.00	0.06	0.57	0.29
34003030100	0.00	0.04	0.41	0.21
34003054500	0.00	0.09	0.81	0.41
34003023401	0.00	0.06	0.57	0.28
34003030300	0.00	0.05	0.45	0.22
34003030200	0.00	0.05	0.45	0.22
34003023402	0.00	0.04	0.36	0.18
34003021400	0.00	0.06	0.55	0.27
34003004000	0.00	0.07	0.62	0.32
34003054600	0.00	0.05	0.49	0.25
34003021300	0.00	0.06	0.53	0.26
34003023600	0.00	0.05	0.45	0.23
34003030400	0.00	0.05	0.47	0.23
34031175200	0.00	0.04	0.41	0.20
34003028001	0.00	0.05	0.50	0.25
34003025100	0.00	0.05	0.48	0.24
34003021500	0.00	0.05	0.47	0.23
34003021600	0.00	0.05	0.44	0.21
34003036100	0.00	0.03	0.32	0.16

Table D.266: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.04	0.38	0.19
34003046200	0.00	0.04	0.41	0.21
34003060000	0.00	0.03	0.28	0.14
34003046100	0.00	0.04	0.37	0.18
34031175900	0.00	0.03	0.32	0.16
34003057101	0.00	0.05	0.43	0.21
34003046300	0.00	0.03	0.31	0.16
34003057200	0.00	0.04	0.34	0.17
34003029100	0.00	0.05	0.44	0.22
34031175700	0.00	0.03	0.27	0.13
34003029200	0.00	0.05	0.43	0.21
34003041100	0.00	0.04	0.37	0.18
34003057102	0.00	0.02	0.19	0.09
34003012000	0.00	0.02	0.19	0.09
34003036200	0.00	0.04	0.35	0.17
34003005000	0.00	0.02	0.20	0.10
34003041300	0.00	0.04	0.33	0.16
34003045200	0.00	0.02	0.20	0.10
34003051100	0.00	0.03	0.25	0.12
34003045100	0.00	0.02	0.17	0.09
34003051300	0.00	0.02	0.16	0.08
34003051200	0.00	0.02	0.21	0.10
34003018200	0.00	0.03	0.29	0.14
34003051400	0.00	0.02	0.18	0.09
34017014600	0.00	0.02	0.17	0.08
34017019500	0.00	0.03	0.24	0.12

Table D.267: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.43	0.44	0.15
34003023100	0.00	0.46	0.47	0.16
34003023300	0.00	0.48	0.50	0.17
34003023200	0.00	0.47	0.48	0.17
34003033200	0.00	0.46	0.47	0.16
34003033300	0.00	0.46	0.47	0.16
34003054400	0.00	0.53	0.54	0.19
34003052200	0.00	0.42	0.43	0.14
34003023500	0.00	0.36	0.36	0.13
34003030100	0.00	0.31	0.31	0.11
34003054500	0.00	0.50	0.51	0.18
34003023401	0.00	0.37	0.38	0.13
34003030300	0.00	0.29	0.30	0.10
34003030200	0.00	0.29	0.30	0.10
34003023402	0.00	0.26	0.27	0.09
34003021400	0.00	0.36	0.37	0.12
34003004000	0.00	0.39	0.40	0.14
34003054600	0.00	0.35	0.36	0.12
34003021300	0.00	0.35	0.35	0.12
34003023600	0.00	0.30	0.31	0.11
34003030400	0.00	0.31	0.31	0.10
34031175200	0.00	0.27	0.27	0.09
34003028001	0.00	0.35	0.35	0.12
34003025100	0.00	0.32	0.33	0.11
34003021500	0.00	0.30	0.31	0.10
34003021600	0.00	0.29	0.29	0.10
34003036100	0.00	0.23	0.23	0.08

Table D.268: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.26	0.26	0.09
34003046200	0.00	0.29	0.29	0.10
34003060000	0.00	0.20	0.20	0.07
34003046100	0.00	0.27	0.27	0.09
34031175900	0.00	0.21	0.22	0.07
34003057101	0.00	0.28	0.28	0.09
34003046300	0.00	0.23	0.23	0.08
34003057200	0.00	0.24	0.24	0.08
34003029100	0.00	0.29	0.29	0.10
34031175700	0.00	0.19	0.19	0.06
34003029200	0.00	0.28	0.28	0.10
34003041100	0.00	0.25	0.25	0.09
34003057102	0.00	0.15	0.15	0.05
34003012000	0.00	0.15	0.15	0.05
34003036200	0.00	0.23	0.23	0.08
34003005000	0.00	0.16	0.16	0.05
34003041300	0.00	0.22	0.22	0.08
34003045200	0.00	0.16	0.16	0.05
34003051100	0.00	0.18	0.18	0.06
34003045100	0.00	0.13	0.13	0.04
34003051300	0.00	0.12	0.12	0.04
34003051200	0.00	0.15	0.15	0.05
34003018200	0.00	0.19	0.19	0.06
34003051400	0.00	0.14	0.14	0.05
34017014600	0.00	0.12	0.12	0.04
34017019500	0.00	0.16	0.16	0.05

Table D.269: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.47	0.53	0.25
34003023100	0.01	0.56	0.63	0.31
34003023300	0.01	0.59	0.66	0.32
34003023200	0.01	0.60	0.68	0.33
34003033200	0.01	0.53	0.59	0.28
34003033300	0.01	0.55	0.61	0.29
34003054400	0.01	0.61	0.73	0.36
34003052200	0.01	0.48	0.54	0.25
34003023500	0.01	0.49	0.55	0.27
34003030100	0.01	0.36	0.40	0.19
34003054500	0.01	0.56	0.69	0.35
34003023401	0.01	0.50	0.56	0.27
34003030300	0.01	0.40	0.45	0.21
34003030200	0.01	0.41	0.46	0.21
34003023402	0.01	0.32	0.36	0.17
34003021400	0.01	0.46	0.52	0.25
34003004000	0.01	0.48	0.56	0.28
34003054600	0.01	0.37	0.46	0.23
34003021300	0.01	0.45	0.51	0.24
34003023600	0.01	0.38	0.43	0.21
34003030400	0.01	0.40	0.45	0.21
34031175200	0.01	0.38	0.43	0.20
34003028001	0.01	0.36	0.47	0.23
34003025100	0.01	0.39	0.44	0.21
34003021500	0.01	0.40	0.45	0.21
34003021600	0.01	0.39	0.45	0.21
34003036100	0.01	0.29	0.33	0.16

Table D.270: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.34	0.37	0.18
34003046200	0.01	0.34	0.40	0.20
34003060000	0.00	0.26	0.29	0.14
34003046100	0.01	0.29	0.36	0.18
34031175900	0.01	0.30	0.34	0.16
34003057101	0.01	0.37	0.42	0.20
34003046300	0.01	0.27	0.32	0.16
34003057200	0.01	0.31	0.35	0.17
34003029100	0.01	0.37	0.42	0.21
34031175700	0.00	0.24	0.28	0.13
34003029200	0.01	0.36	0.41	0.20
34003041100	0.01	0.29	0.37	0.18
34003057102	0.00	0.19	0.21	0.10
34003012000	0.00	0.18	0.20	0.10
34003036200	0.01	0.31	0.35	0.17
34003005000	0.00	0.19	0.22	0.10
34003041300	0.01	0.26	0.34	0.17
34003045200	0.00	0.17	0.22	0.11
34003051100	0.00	0.23	0.26	0.12
34003045100	0.00	0.15	0.19	0.09
34003051300	0.00	0.16	0.18	0.08
34003051200	0.00	0.19	0.22	0.10
34003018200	0.00	0.24	0.30	0.14
34003051400	0.00	0.17	0.19	0.09
34017014600	0.00	0.16	0.19	0.09
34017019500	0.00	0.22	0.25	0.12

Table D.271: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.49	0.18	0.15
34003023100	0.00	0.70	0.26	0.23
34003023300	0.00	0.81	0.30	0.26
34003023200	0.00	0.78	0.29	0.25
34003033200	0.00	0.63	0.23	0.20
34003033300	0.00	0.73	0.27	0.23
34003054400	0.00	1.00	0.37	0.32
34003052200	0.00	0.56	0.20	0.18
34003023500	0.00	0.55	0.20	0.18
34003030100	0.00	0.31	0.11	0.10
34003054500	0.00	0.89	0.33	0.29
34003023401	0.00	0.59	0.22	0.19
34003030300	0.00	0.43	0.16	0.13
34003030200	0.00	0.43	0.16	0.13
34003023402	0.00	0.26	0.09	0.08
34003021400	0.00	0.57	0.21	0.18
34003004000	0.00	0.61	0.22	0.20
34003054600	0.00	0.39	0.14	0.13
34003021300	0.00	0.54	0.19	0.17
34003023600	0.00	0.37	0.14	0.12
34003030400	0.00	0.47	0.17	0.15
34031175200	0.00	0.39	0.14	0.12
34003028001	0.00	0.41	0.15	0.13
34003025100	0.00	0.45	0.16	0.14
34003021500	0.00	0.44	0.16	0.14
34003021600	0.00	0.43	0.15	0.13
34003036100	0.00	0.23	0.08	0.07

Table D.272: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.34	0.12	0.11
34003046200	0.00	0.33	0.12	0.11
34003060000	0.00	0.20	0.07	0.06
34003046100	0.00	0.27	0.10	0.09
34031175900	0.00	0.25	0.09	0.08
34003057101	0.00	0.40	0.14	0.12
34003046300	0.00	0.23	0.08	0.07
34003057200	0.00	0.28	0.10	0.09
34003029100	0.00	0.42	0.15	0.13
34031175700	0.00	0.18	0.06	0.06
34003029200	0.00	0.40	0.14	0.13
34003041100	0.00	0.30	0.11	0.10
34003057102	0.00	0.12	0.04	0.04
34003012000	0.00	0.12	0.04	0.04
34003036200	0.00	0.28	0.10	0.09
34003005000	0.00	0.13	0.04	0.04
34003041300	0.00	0.26	0.09	0.08
34003045200	0.00	0.12	0.05	0.04
34003051100	0.00	0.17	0.06	0.05
34003045100	0.00	0.11	0.04	0.03
34003051300	0.00	0.10	0.03	0.03
34003051200	0.00	0.13	0.05	0.04
34003018200	0.00	0.23	0.08	0.07
34003051400	0.00	0.11	0.04	0.03
34017014600	0.00	0.12	0.04	0.04
34017019500	0.00	0.22	0.08	0.07

Table D.273: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.01	0.18	0.55	0.31
34003023100	0.01	0.21	0.63	0.37
34003023300	0.01	0.23	0.68	0.39
34003023200	0.01	0.22	0.67	0.40
34003033200	0.01	0.20	0.60	0.34
34003033300	0.01	0.21	0.63	0.36
34003054400	0.01	0.25	0.76	0.45
34003052200	0.01	0.19	0.57	0.32
34003023500	0.01	0.17	0.52	0.30
34003030100	0.01	0.14	0.41	0.23
34003054500	0.01	0.24	0.72	0.43
34003023401	0.01	0.18	0.55	0.31
34003030300	0.01	0.15	0.44	0.24
34003030200	0.01	0.15	0.44	0.25
34003023402	0.01	0.12	0.36	0.20
34003021400	0.01	0.18	0.54	0.30
34003004000	0.01	0.19	0.57	0.33
34003054600	0.01	0.16	0.47	0.28
34003021300	0.01	0.18	0.53	0.29
34003023600	0.01	0.14	0.42	0.24
34003030400	0.01	0.15	0.46	0.26
34031175200	0.01	0.14	0.41	0.23
34003028001	0.01	0.16	0.47	0.28
34003025100	0.01	0.15	0.46	0.26
34003021500	0.01	0.15	0.45	0.25
34003021600	0.01	0.15	0.44	0.25
34003036100	0.01	0.10	0.31	0.18

Table D.274: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.12	0.37	0.21
34003046200	0.01	0.13	0.40	0.23
34003060000	0.00	0.09	0.28	0.15
34003046100	0.01	0.12	0.36	0.21
34031175900	0.01	0.11	0.32	0.18
34003057101	0.01	0.14	0.42	0.23
34003046300	0.01	0.10	0.31	0.18
34003057200	0.01	0.12	0.35	0.20
34003029100	0.01	0.14	0.42	0.24
34031175700	0.00	0.09	0.27	0.15
34003029200	0.01	0.13	0.40	0.23
34003041100	0.01	0.12	0.35	0.20
34003057102	0.00	0.07	0.20	0.11
34003012000	0.00	0.07	0.20	0.11
34003036200	0.01	0.11	0.32	0.18
34003005000	0.00	0.07	0.21	0.12
34003041300	0.01	0.11	0.32	0.18
34003045200	0.00	0.07	0.20	0.12
34003051100	0.00	0.08	0.25	0.14
34003045100	0.00	0.06	0.17	0.10
34003051300	0.00	0.06	0.17	0.09
34003051200	0.00	0.07	0.21	0.12
34003018200	0.00	0.09	0.27	0.16
34003051400	0.00	0.06	0.19	0.10
34017014600	0.00	0.06	0.17	0.10
34017019500	0.00	0.08	0.25	0.14

Table D.275: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.02	0.10	0.50	0.20
34003023100	0.02	0.12	0.60	0.24
34003023300	0.02	0.12	0.61	0.25
34003023200	0.02	0.12	0.62	0.25
34003033200	0.02	0.11	0.56	0.22
34003033300	0.02	0.11	0.55	0.22
34003054400	0.02	0.13	0.67	0.28
34003052200	0.02	0.10	0.50	0.20
34003023500	0.01	0.10	0.49	0.20
34003030100	0.01	0.07	0.36	0.14
34003054500	0.02	0.13	0.64	0.26
34003023401	0.01	0.09	0.48	0.19
34003030300	0.01	0.08	0.39	0.15
34003030200	0.01	0.08	0.39	0.15
34003023402	0.01	0.06	0.32	0.13
34003021400	0.01	0.09	0.45	0.18
34003004000	0.02	0.10	0.51	0.21
34003054600	0.01	0.08	0.42	0.17
34003021300	0.01	0.09	0.43	0.17
34003023600	0.01	0.08	0.39	0.16
34003030400	0.01	0.08	0.39	0.15
34031175200	0.01	0.07	0.35	0.14
34003028001	0.01	0.09	0.42	0.17
34003025100	0.01	0.08	0.40	0.16
34003021500	0.01	0.08	0.39	0.15
34003021600	0.01	0.07	0.38	0.15
34003036100	0.01	0.06	0.29	0.12

Table D.276: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.01	0.07	0.33	0.13
34003046200	0.01	0.07	0.36	0.14
34003060000	0.01	0.05	0.25	0.10
34003046100	0.01	0.06	0.32	0.13
34031175900	0.01	0.06	0.29	0.11
34003057101	0.01	0.07	0.36	0.14
34003046300	0.01	0.06	0.28	0.11
34003057200	0.01	0.06	0.30	0.12
34003029100	0.01	0.07	0.38	0.15
34031175700	0.01	0.05	0.23	0.09
34003029200	0.01	0.07	0.36	0.14
34003041100	0.01	0.07	0.33	0.13
34003057102	0.01	0.04	0.18	0.07
34003012000	0.01	0.04	0.18	0.07
34003036200	0.01	0.06	0.30	0.12
34003005000	0.01	0.04	0.19	0.07
34003041300	0.01	0.06	0.29	0.12
34003045200	0.01	0.04	0.19	0.08
34003051100	0.01	0.04	0.22	0.08
34003045100	0.01	0.03	0.17	0.07
34003051300	0.01	0.03	0.15	0.06
34003051200	0.01	0.04	0.18	0.07
34003018200	0.01	0.05	0.25	0.10
34003051400	0.01	0.03	0.16	0.06
34017014600	0.01	0.03	0.15	0.06
34017019500	0.01	0.04	0.21	0.08

Table D.277: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.53	0.60
34003023100	0.00	0.01	0.62	0.73
34003023300	0.00	0.02	0.71	0.83
34003023200	0.00	0.02	0.70	0.84
34003033200	0.00	0.01	0.57	0.66
34003033300	0.00	0.01	0.65	0.75
34003054400	0.00	0.02	0.83	1.00
34003052200	0.00	0.01	0.58	0.66
34003023500	0.00	0.01	0.55	0.65
34003030100	0.00	0.01	0.42	0.48
34003054500	0.00	0.02	0.80	0.97
34003023401	0.00	0.01	0.60	0.70
34003030300	0.00	0.01	0.47	0.53
34003030200	0.00	0.01	0.47	0.54
34003023402	0.00	0.01	0.37	0.43
34003021400	0.00	0.01	0.58	0.66
34003004000	0.00	0.01	0.63	0.75
34003054600	0.00	0.01	0.52	0.63
34003021300	0.00	0.01	0.58	0.66
34003023600	0.00	0.01	0.43	0.50
34003030400	0.00	0.01	0.49	0.57
34031175200	0.00	0.01	0.46	0.53
34003028001	0.00	0.01	0.54	0.64
34003025100	0.00	0.01	0.48	0.56
34003021500	0.00	0.01	0.48	0.54
34003021600	0.00	0.01	0.48	0.55
34003036100	0.00	0.01	0.30	0.36

Table D.278: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.39	0.45
34003046200	0.00	0.01	0.44	0.53
34003060000	0.00	0.01	0.28	0.33
34003046100	0.00	0.01	0.40	0.47
34031175900	0.00	0.01	0.35	0.40
34003057101	0.00	0.01	0.46	0.52
34003046300	0.00	0.01	0.34	0.40
34003057200	0.00	0.01	0.39	0.44
34003029100	0.00	0.01	0.45	0.53
34031175700	0.00	0.01	0.31	0.35
34003029200	0.00	0.01	0.43	0.50
34003041100	0.00	0.01	0.39	0.47
34003057102	0.00	0.00	0.20	0.23
34003012000	0.00	0.00	0.20	0.23
34003036200	0.00	0.01	0.33	0.38
34003005000	0.00	0.00	0.21	0.25
34003041300	0.00	0.01	0.37	0.44
34003045200	0.00	0.00	0.22	0.26
34003051100	0.00	0.01	0.27	0.31
34003045100	0.00	0.00	0.19	0.22
34003051300	0.00	0.00	0.17	0.20
34003051200	0.00	0.01	0.23	0.26
34003018200	0.00	0.01	0.33	0.39
34003051400	0.00	0.00	0.20	0.23
34017014600	0.00	0.00	0.21	0.24
34017019500	0.00	0.01	0.28	0.33

Table D.279: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	3.71	0.28	0.05
34003023100	0.00	3.72	0.28	0.06
34003023300	0.00	3.35	0.25	0.05
34003023200	0.00	3.10	0.23	0.05
34003033200	0.00	3.70	0.28	0.06
34003033300	0.00	3.28	0.24	0.05
34003054400	0.00	3.54	0.27	0.06
34003052200	0.00	3.46	0.26	0.05
34003023500	0.00	2.37	0.18	0.04
34003030100	0.00	2.64	0.20	0.04
34003054500	0.00	3.44	0.26	0.06
34003023401	0.00	2.44	0.18	0.04
34003030300	0.00	1.90	0.14	0.03
34003030200	0.00	1.89	0.14	0.03
34003023402	0.00	2.16	0.16	0.03
34003021400	0.00	2.45	0.18	0.04
34003004000	0.00	2.75	0.21	0.04
34003054600	0.00	2.64	0.20	0.04
34003021300	0.00	2.35	0.18	0.03
34003023600	0.00	2.29	0.17	0.03
34003030400	0.00	2.05	0.15	0.03
34031175200	0.00	1.66	0.12	0.02
34003028001	0.00	2.43	0.19	0.04
34003025100	0.00	2.49	0.19	0.04
34003021500	0.00	2.12	0.16	0.03
34003021600	0.00	1.85	0.14	0.03
34003036100	0.00	1.99	0.15	0.03

Table D.280: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.89	0.14	0.03
34003046200	0.00	2.08	0.16	0.03
34003060000	0.00	1.75	0.13	0.03
34003046100	0.00	2.09	0.16	0.03
34031175900	0.00	1.60	0.12	0.02
34003057101	0.00	2.02	0.15	0.03
34003046300	0.00	1.69	0.13	0.03
34003057200	0.00	1.71	0.13	0.02
34003029100	0.00	1.97	0.15	0.03
34031175700	0.00	1.45	0.11	0.02
34003029200	0.00	2.14	0.16	0.03
34003041100	0.00	1.78	0.14	0.03
34003057102	0.00	1.30	0.10	0.02
34003012000	0.00	1.46	0.11	0.02
34003036200	0.00	1.69	0.13	0.03
34003005000	0.00	1.57	0.12	0.02
34003041300	0.00	1.44	0.11	0.02
34003045200	0.00	1.40	0.11	0.02
34003051100	0.00	1.51	0.11	0.02
34003045100	0.00	1.10	0.09	0.02
34003051300	0.00	1.11	0.08	0.02
34003051200	0.00	1.34	0.10	0.02
34003018200	0.00	1.30	0.10	0.02
34003051400	0.00	1.27	0.10	0.02
34017014600	0.00	1.00	0.08	0.01
34017019500	0.00	1.45	0.11	0.02

Table D.281: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.48	0.44
34003023100	0.00	0.00	0.53	0.50
34003023300	0.00	0.00	0.60	0.56
34003023200	0.00	0.00	0.58	0.54
34003033200	0.00	0.00	0.52	0.48
34003033300	0.00	0.00	0.54	0.50
34003054400	0.00	0.00	0.69	0.66
34003052200	0.00	0.00	0.49	0.44
34003023500	0.00	0.00	0.44	0.41
34003030100	0.00	0.00	0.35	0.32
34003054500	0.00	0.00	0.65	0.62
34003023401	0.00	0.00	0.46	0.42
34003030300	0.00	0.00	0.35	0.32
34003030200	0.00	0.00	0.36	0.32
34003023402	0.00	0.00	0.30	0.28
34003021400	0.00	0.00	0.44	0.40
34003004000	0.00	0.00	0.50	0.48
34003054600	0.00	0.00	0.43	0.41
34003021300	0.00	0.00	0.43	0.39
34003023600	0.00	0.00	0.36	0.33
34003030400	0.00	0.00	0.38	0.35
34031175200	0.00	0.00	0.33	0.30
34003028001	0.00	0.00	0.43	0.40
34003025100	0.00	0.00	0.39	0.36
34003021500	0.00	0.00	0.36	0.33
34003021600	0.00	0.00	0.35	0.32
34003036100	0.00	0.00	0.25	0.23

Table D.282: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.31	0.28
34003046200	0.00	0.00	0.35	0.33
34003060000	0.00	0.00	0.23	0.21
34003046100	0.00	0.00	0.32	0.30
34031175900	0.00	0.00	0.26	0.23
34003057101	0.00	0.00	0.34	0.31
34003046300	0.00	0.00	0.27	0.25
34003057200	0.00	0.00	0.29	0.26
34003029100	0.00	0.00	0.36	0.33
34031175700	0.00	0.00	0.23	0.21
34003029200	0.00	0.00	0.34	0.31
34003041100	0.00	0.00	0.31	0.29
34003057102	0.00	0.00	0.16	0.14
34003012000	0.00	0.00	0.16	0.15
34003036200	0.00	0.00	0.26	0.23
34003005000	0.00	0.00	0.17	0.16
34003041300	0.00	0.00	0.28	0.26
34003045200	0.00	0.00	0.17	0.16
34003051100	0.00	0.00	0.22	0.19
34003045100	0.00	0.00	0.14	0.13
34003051300	0.00	0.00	0.14	0.12
34003051200	0.00	0.00	0.18	0.16
34003018200	0.00	0.00	0.24	0.22
34003051400	0.00	0.00	0.16	0.14
34017014600	0.00	0.00	0.15	0.13
34017019500	0.00	0.00	0.21	0.19

Table D.283: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.04	0.23	0.06
34003023100	0.00	0.09	0.44	0.12
34003023300	0.00	0.08	0.42	0.11
34003023200	0.00	0.08	0.43	0.11
34003033200	0.00	0.06	0.33	0.08
34003033300	0.00	0.07	0.37	0.09
34003054400	0.00	0.11	0.55	0.14
34003052200	0.00	0.05	0.27	0.07
34003023500	0.00	0.06	0.30	0.08
34003030100	0.00	0.03	0.13	0.03
34003054500	0.00	0.09	0.49	0.13
34003023401	0.00	0.06	0.29	0.07
34003030300	0.00	0.04	0.21	0.05
34003030200	0.00	0.04	0.21	0.05
34003023402	0.00	0.02	0.11	0.03
34003021400	0.00	0.05	0.27	0.07
34003004000	0.00	0.06	0.30	0.08
34003054600	0.00	0.03	0.17	0.04
34003021300	0.00	0.05	0.24	0.06
34003023600	0.00	0.04	0.18	0.05
34003030400	0.00	0.04	0.21	0.06
34031175200	0.00	0.03	0.17	0.04
34003028001	0.00	0.04	0.19	0.05
34003025100	0.00	0.04	0.21	0.06
34003021500	0.00	0.04	0.22	0.06
34003021600	0.00	0.04	0.20	0.05
34003036100	0.00	0.02	0.12	0.03

Table D.284: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.03	0.16	0.04
34003046200	0.00	0.03	0.14	0.04
34003060000	0.00	0.02	0.09	0.02
34003046100	0.00	0.02	0.11	0.03
34031175900	0.00	0.02	0.11	0.03
34003057101	0.00	0.04	0.19	0.05
34003046300	0.00	0.02	0.10	0.03
34003057200	0.00	0.02	0.12	0.03
34003029100	0.00	0.04	0.21	0.06
34031175700	0.00	0.01	0.07	0.02
34003029200	0.00	0.04	0.21	0.05
34003041100	0.00	0.03	0.15	0.04
34003057102	0.00	0.01	0.05	0.01
34003012000	0.00	0.01	0.05	0.01
34003036200	0.00	0.03	0.18	0.05
34003005000	0.00	0.01	0.05	0.01
34003041300	0.00	0.02	0.12	0.03
34003045200	0.00	0.01	0.05	0.01
34003051100	0.00	0.01	0.07	0.02
34003045100	0.00	0.01	0.05	0.01
34003051300	0.00	0.01	0.04	0.01
34003051200	0.00	0.01	0.05	0.01
34003018200	0.00	0.02	0.12	0.03
34003051400	0.00	0.01	0.04	0.01
34017014600	0.00	0.01	0.05	0.01
34017019500	0.00	0.02	0.09	0.02

Table D.285: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.87	0.34	0.59	0.21
34003023100	1.01	0.40	0.70	0.26
34003023300	1.05	0.42	0.72	0.26
34003023200	1.04	0.41	0.72	0.26
34003033200	0.96	0.38	0.65	0.23
34003033300	0.99	0.39	0.67	0.24
34003054400	1.22	0.46	0.81	0.30
34003052200	0.92	0.35	0.61	0.21
34003023500	0.81	0.32	0.56	0.20
34003030100	0.64	0.25	0.42	0.15
34003054500	1.20	0.43	0.77	0.29
34003023401	0.84	0.33	0.57	0.21
34003030300	0.67	0.26	0.44	0.16
34003030200	0.68	0.26	0.45	0.16
34003023402	0.55	0.22	0.37	0.13
34003021400	0.84	0.32	0.55	0.19
34003004000	0.93	0.34	0.60	0.22
34003054600	0.78	0.28	0.49	0.18
34003021300	0.82	0.31	0.53	0.19
34003023600	0.67	0.26	0.45	0.16
34003030400	0.70	0.26	0.46	0.16
34031175200	0.64	0.23	0.41	0.14
34003028001	0.81	0.28	0.49	0.18
34003025100	0.72	0.28	0.47	0.17
34003021500	0.72	0.27	0.46	0.16
34003021600	0.69	0.26	0.44	0.16
34003036100	0.51	0.20	0.34	0.12

Table D.286: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.58	0.22	0.38	0.14
34003046200	0.65	0.24	0.41	0.15
34003060000	0.45	0.17	0.29	0.10
34003046100	0.60	0.21	0.37	0.14
34031175900	0.52	0.19	0.33	0.12
34003057101	0.67	0.25	0.43	0.15
34003046300	0.51	0.18	0.32	0.12
34003057200	0.56	0.21	0.36	0.12
34003029100	0.68	0.25	0.44	0.16
34031175700	0.43	0.16	0.27	0.09
34003029200	0.66	0.24	0.43	0.15
34003041100	0.61	0.21	0.37	0.14
34003057102	0.32	0.12	0.21	0.07
34003012000	0.32	0.12	0.21	0.07
34003036200	0.54	0.20	0.35	0.13
34003005000	0.34	0.13	0.22	0.08
34003041300	0.54	0.18	0.33	0.12
34003045200	0.35	0.12	0.22	0.08
34003051100	0.41	0.15	0.26	0.09
34003045100	0.31	0.10	0.19	0.07
34003051300	0.27	0.10	0.17	0.06
34003051200	0.34	0.12	0.22	0.07
34003018200	0.48	0.16	0.29	0.10
34003051400	0.31	0.11	0.19	0.07
34017014600	0.30	0.10	0.18	0.06
34017019500	0.41	0.15	0.26	0.09

Table D.287: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.03	0.47	0.49	0.29
34003023100	0.03	0.51	0.54	0.33
34003023300	0.03	0.58	0.61	0.37
34003023200	0.03	0.57	0.59	0.37
34003033200	0.03	0.50	0.53	0.32
34003033300	0.03	0.54	0.56	0.34
34003054400	0.04	0.63	0.66	0.42
34003052200	0.03	0.49	0.51	0.30
34003023500	0.02	0.43	0.46	0.28
34003030100	0.02	0.35	0.37	0.22
34003054500	0.03	0.59	0.62	0.39
34003023401	0.03	0.46	0.49	0.30
34003030300	0.02	0.36	0.38	0.22
34003030200	0.02	0.36	0.38	0.22
34003023402	0.02	0.31	0.32	0.20
34003021400	0.03	0.45	0.47	0.28
34003004000	0.03	0.47	0.49	0.31
34003054600	0.02	0.39	0.41	0.26
34003021300	0.02	0.44	0.46	0.27
34003023600	0.02	0.35	0.37	0.23
34003030400	0.02	0.38	0.40	0.24
34031175200	0.02	0.33	0.35	0.20
34003028001	0.02	0.38	0.40	0.25
34003025100	0.02	0.38	0.40	0.24
34003021500	0.02	0.37	0.39	0.23
34003021600	0.02	0.36	0.38	0.22
34003036100	0.01	0.26	0.28	0.17

Table D.288: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in ROCKLAND County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.02	0.31	0.33	0.19
34003046200	0.02	0.33	0.35	0.22
34003060000	0.01	0.24	0.25	0.15
34003046100	0.02	0.29	0.31	0.19
34031175900	0.02	0.27	0.28	0.17
34003057101	0.02	0.35	0.37	0.21
34003046300	0.02	0.26	0.27	0.17
34003057200	0.02	0.29	0.31	0.18
34003029100	0.02	0.34	0.36	0.22
34031175700	0.01	0.23	0.24	0.14
34003029200	0.02	0.33	0.35	0.21
34003041100	0.02	0.28	0.30	0.18
34003057102	0.01	0.17	0.18	0.10
34003012000	0.01	0.17	0.18	0.10
34003036200	0.02	0.27	0.28	0.17
34003005000	0.01	0.18	0.19	0.11
34003041300	0.02	0.25	0.27	0.16
34003045200	0.01	0.17	0.18	0.11
34003051100	0.01	0.21	0.22	0.13
34003045100	0.01	0.14	0.15	0.09
34003051300	0.01	0.14	0.15	0.09
34003051200	0.01	0.18	0.19	0.11
34003018200	0.01	0.21	0.23	0.14
34003051400	0.01	0.16	0.17	0.10
34017014600	0.01	0.14	0.15	0.09
34017019500	0.01	0.20	0.22	0.13

Table D.289: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.01	0.40	0.30
34003023100	0.00	0.02	0.67	0.50
34003023300	0.00	0.01	0.61	0.46
34003023200	0.00	0.01	0.60	0.45
34003033200	0.00	0.01	0.49	0.37
34003033300	0.00	0.01	0.55	0.41
34003054400	0.00	0.02	0.88	0.66
34003052200	0.00	0.01	0.44	0.33
34003023500	0.00	0.01	0.53	0.40
34003030100	0.00	0.01	0.36	0.27
34003054500	0.00	0.02	0.93	0.72
34003023401	0.00	0.01	0.50	0.37
34003030300	0.00	0.01	0.39	0.29
34003030200	0.00	0.01	0.38	0.29
34003023402	0.00	0.01	0.35	0.26
34003021400	0.00	0.01	0.44	0.33
34003004000	0.00	0.02	0.72	0.56
34003054600	0.00	0.02	0.63	0.49
34003021300	0.00	0.01	0.42	0.32
34003023600	0.00	0.01	0.49	0.37
34003030400	0.00	0.01	0.44	0.33
34031175200	0.00	0.01	0.35	0.26
34003028001	0.00	0.02	0.72	0.59
34003025100	0.00	0.01	0.50	0.38
34003021500	0.00	0.01	0.41	0.31
34003021600	0.00	0.01	0.37	0.28
34003036100	0.00	0.01	0.37	0.29

Table D.290: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACETALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.01	0.39	0.29
34003046200	0.00	0.01	0.52	0.41
34003060000	0.00	0.01	0.30	0.23
34003046100	0.00	0.01	0.50	0.39
34031175900	0.00	0.01	0.29	0.22
34003057101	0.00	0.01	0.41	0.31
34003046300	0.00	0.01	0.42	0.33
34003057200	0.00	0.01	0.32	0.24
34003029100	0.00	0.01	0.56	0.44
34031175700	0.00	0.01	0.25	0.19
34003029200	0.00	0.01	0.55	0.43
34003041100	0.00	0.01	0.53	0.43
34003057102	0.00	0.00	0.20	0.15
34003012000	0.00	0.00	0.21	0.16
34003036200	0.00	0.01	0.44	0.34
34003005000	0.00	0.01	0.23	0.17
34003041300	0.00	0.01	0.48	0.39
34003045200	0.00	0.01	0.29	0.23
34003051100	0.00	0.01	0.26	0.20
34003045100	0.00	0.01	0.25	0.20
34003051300	0.00	0.00	0.18	0.14
34003051200	0.00	0.01	0.23	0.17
34003018200	0.00	0.01	0.40	0.33
34003051400	0.00	0.00	0.22	0.17
34017014600	0.00	0.01	0.23	0.18
34017019500	0.00	0.01	0.32	0.26

Table D.291: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.30	0.30	0.12
34003023100	0.00	0.45	0.43	0.17
34003023300	0.00	0.42	0.41	0.16
34003023200	0.00	0.41	0.40	0.16
34003033200	0.00	0.35	0.35	0.14
34003033300	0.00	0.39	0.38	0.15
34003054400	0.00	0.59	0.56	0.22
34003052200	0.00	0.32	0.31	0.13
34003023500	0.00	0.36	0.34	0.14
34003030100	0.00	0.29	0.28	0.11
34003054500	0.00	0.65	0.61	0.24
34003023401	0.00	0.35	0.34	0.13
34003030300	0.00	0.27	0.26	0.10
34003030200	0.00	0.26	0.26	0.10
34003023402	0.00	0.27	0.26	0.10
34003021400	0.00	0.31	0.30	0.12
34003004000	0.00	0.51	0.47	0.19
34003054600	0.00	0.51	0.46	0.19
34003021300	0.00	0.29	0.28	0.11
34003023600	0.00	0.36	0.34	0.14
34003030400	0.00	0.31	0.30	0.12
34031175200	0.00	0.24	0.23	0.09
34003028001	0.00	0.59	0.51	0.21
34003025100	0.00	0.37	0.35	0.14
34003021500	0.00	0.28	0.27	0.11
34003021600	0.00	0.26	0.25	0.10
34003036100	0.00	0.29	0.27	0.11

Table D.292: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ACROLEIN) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.28	0.27	0.11
34003046200	0.00	0.42	0.38	0.16
34003060000	0.00	0.23	0.22	0.09
34003046100	0.00	0.42	0.38	0.16
34031175900	0.00	0.20	0.20	0.08
34003057101	0.00	0.29	0.28	0.11
34003046300	0.00	0.34	0.31	0.13
34003057200	0.00	0.24	0.23	0.09
34003029100	0.00	0.41	0.38	0.15
34031175700	0.00	0.19	0.19	0.07
34003029200	0.00	0.40	0.37	0.15
34003041100	0.00	0.43	0.37	0.16
34003057102	0.00	0.16	0.15	0.06
34003012000	0.00	0.18	0.17	0.07
34003036200	0.00	0.32	0.30	0.12
34003005000	0.00	0.19	0.18	0.07
34003041300	0.00	0.38	0.33	0.14
34003045200	0.00	0.26	0.23	0.10
34003051100	0.00	0.20	0.20	0.08
34003045100	0.00	0.21	0.18	0.08
34003051300	0.00	0.15	0.14	0.06
34003051200	0.00	0.18	0.17	0.07
34003018200	0.00	0.31	0.27	0.12
34003051400	0.00	0.18	0.17	0.07
34017014600	0.00	0.18	0.16	0.07
34017019500	0.00	0.25	0.23	0.09

Table D.293: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.20	0.36	0.14
34003023100	0.00	0.37	0.59	0.23
34003023300	0.00	0.32	0.55	0.21
34003023200	0.00	0.34	0.56	0.22
34003033200	0.00	0.25	0.43	0.17
34003033300	0.00	0.29	0.50	0.20
34003054400	0.00	0.49	0.75	0.28
34003052200	0.00	0.22	0.40	0.16
34003023500	0.00	0.32	0.52	0.20
34003030100	0.00	0.21	0.36	0.14
34003054500	0.00	0.62	0.80	0.31
34003023401	0.00	0.30	0.50	0.19
34003030300	0.00	0.23	0.41	0.16
34003030200	0.00	0.22	0.40	0.16
34003023402	0.00	0.22	0.35	0.14
34003021400	0.00	0.24	0.44	0.18
34003004000	0.00	0.51	0.66	0.26
34003054600	0.00	0.50	0.59	0.23
34003021300	0.00	0.23	0.42	0.17
34003023600	0.00	0.34	0.48	0.19
34003030400	0.00	0.26	0.44	0.17
34031175200	0.00	0.21	0.38	0.15
34003028001	0.00	0.65	0.68	0.27
34003025100	0.00	0.31	0.47	0.19
34003021500	0.00	0.23	0.41	0.16
34003021600	0.00	0.22	0.39	0.16
34003036100	0.00	0.28	0.38	0.15

Table D.294: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (BENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.25	0.39	0.15
34003046200	0.00	0.42	0.51	0.20
34003060000	0.00	0.21	0.32	0.13
34003046100	0.00	0.42	0.49	0.19
34031175900	0.00	0.18	0.32	0.13
34003057101	0.00	0.26	0.42	0.17
34003046300	0.00	0.36	0.43	0.17
34003057200	0.00	0.21	0.35	0.14
34003029100	0.00	0.43	0.54	0.22
34031175700	0.00	0.16	0.27	0.11
34003029200	0.00	0.42	0.53	0.21
34003041100	0.00	0.48	0.53	0.21
34003057102	0.00	0.14	0.22	0.09
34003012000	0.00	0.15	0.23	0.09
34003036200	0.00	0.34	0.44	0.18
34003005000	0.00	0.17	0.25	0.10
34003041300	0.00	0.43	0.49	0.20
34003045200	0.00	0.26	0.30	0.12
34003051100	0.00	0.18	0.28	0.11
34003045100	0.00	0.23	0.27	0.11
34003051300	0.00	0.14	0.21	0.09
34003051200	0.00	0.16	0.25	0.10
34003018200	0.00	0.33	0.41	0.17
34003051400	0.00	0.17	0.24	0.10
34017014600	0.00	0.19	0.26	0.11
34017019500	0.00	0.27	0.35	0.14

Table D.295: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.84	0.15	0.09
34003023100	0.00	1.80	0.32	0.18
34003023300	0.00	1.80	0.32	0.18
34003023200	0.00	1.72	0.31	0.17
34003033200	0.00	1.22	0.21	0.12
34003033300	0.00	1.62	0.28	0.16
34003054400	0.00	2.90	0.51	0.28
34003052200	0.00	1.10	0.19	0.11
34003023500	0.00	1.48	0.26	0.14
34003030100	0.00	0.79	0.13	0.08
34003054500	0.00	3.09	0.55	0.30
34003023401	0.00	1.48	0.26	0.15
34003030300	0.00	1.08	0.18	0.10
34003030200	0.00	1.04	0.18	0.10
34003023402	0.00	0.72	0.12	0.07
34003021400	0.00	1.32	0.22	0.13
34003004000	0.00	2.17	0.37	0.21
34003054600	0.00	1.57	0.27	0.15
34003021300	0.00	1.23	0.21	0.12
34003023600	0.00	1.23	0.21	0.12
34003030400	0.00	1.30	0.22	0.13
34031175200	0.00	0.98	0.16	0.09
34003028001	0.00	2.10	0.36	0.19
34003025100	0.00	1.43	0.24	0.14
34003021500	0.00	1.14	0.19	0.11
34003021600	0.00	1.06	0.18	0.10
34003036100	0.00	0.82	0.14	0.08

Table D.296: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (1,3-BUTADIENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.05	0.18	0.10
34003046200	0.00	1.32	0.22	0.13
34003060000	0.00	0.66	0.11	0.06
34003046100	0.00	1.22	0.20	0.11
34031175900	0.00	0.67	0.11	0.06
34003057101	0.00	1.18	0.20	0.11
34003046300	0.00	1.01	0.17	0.09
34003057200	0.00	0.80	0.13	0.08
34003029100	0.00	1.69	0.28	0.16
34031175700	0.00	0.52	0.08	0.05
34003029200	0.00	1.66	0.28	0.16
34003041100	0.00	1.57	0.26	0.14
34003057102	0.00	0.37	0.06	0.03
34003012000	0.00	0.40	0.07	0.04
34003036200	0.00	1.16	0.19	0.11
34003005000	0.00	0.44	0.07	0.04
34003041300	0.00	1.41	0.23	0.12
34003045200	0.00	0.65	0.10	0.06
34003051100	0.00	0.55	0.09	0.05
34003045100	0.00	0.58	0.09	0.05
34003051300	0.00	0.35	0.06	0.03
34003051200	0.00	0.46	0.07	0.04
34003018200	0.00	1.25	0.19	0.11
34003051400	0.00	0.44	0.07	0.04
34017014600	0.00	0.60	0.09	0.05
34017019500	0.00	1.04	0.16	0.09

Table D.297: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.22	0.37	0.16
34003023100	0.00	0.32	0.58	0.24
34003023300	0.00	0.31	0.55	0.23
34003023200	0.00	0.32	0.55	0.23
34003033200	0.00	0.25	0.43	0.18
34003033300	0.00	0.28	0.51	0.21
34003054400	0.00	0.45	0.77	0.32
34003052200	0.00	0.23	0.41	0.18
34003023500	0.00	0.26	0.49	0.20
34003030100	0.00	0.19	0.36	0.15
34003054500	0.00	0.66	0.83	0.34
34003023401	0.00	0.26	0.48	0.20
34003030300	0.00	0.20	0.38	0.16
34003030200	0.00	0.19	0.38	0.16
34003023402	0.00	0.19	0.34	0.14
34003021400	0.00	0.23	0.44	0.19
34003004000	0.00	0.55	0.66	0.27
34003054600	0.00	0.59	0.60	0.25
34003021300	0.00	0.22	0.42	0.18
34003023600	0.00	0.34	0.46	0.19
34003030400	0.00	0.25	0.43	0.18
34031175200	0.00	0.18	0.36	0.15
34003028001	0.00	0.88	0.68	0.29
34003025100	0.00	0.33	0.48	0.20
34003021500	0.00	0.20	0.40	0.17
34003021600	0.00	0.19	0.38	0.16
34003036100	0.00	0.29	0.35	0.15

Table D.298: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (ETHYLBENZENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.25	0.38	0.16
34003046200	0.00	0.50	0.51	0.21
34003060000	0.00	0.22	0.30	0.13
34003046100	0.00	0.54	0.48	0.20
34031175900	0.00	0.16	0.29	0.12
34003057101	0.00	0.25	0.41	0.17
34003046300	0.00	0.44	0.41	0.17
34003057200	0.00	0.20	0.34	0.14
34003029100	0.00	0.51	0.53	0.22
34031175700	0.00	0.15	0.26	0.11
34003029200	0.00	0.50	0.51	0.22
34003041100	0.00	0.60	0.50	0.21
34003057102	0.00	0.13	0.20	0.08
34003012000	0.00	0.16	0.22	0.09
34003036200	0.00	0.38	0.40	0.17
34003005000	0.00	0.18	0.23	0.10
34003041300	0.00	0.54	0.46	0.19
34003045200	0.00	0.32	0.28	0.12
34003051100	0.00	0.19	0.27	0.11
34003045100	0.00	0.27	0.24	0.10
34003051300	0.00	0.15	0.19	0.08
34003051200	0.00	0.18	0.24	0.10
34003018200	0.00	0.41	0.38	0.16
34003051400	0.00	0.19	0.23	0.10
34017014600	0.00	0.23	0.23	0.10
34017019500	0.00	0.34	0.34	0.14

Table D.299: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.02	0.33	0.18
34003023100	0.00	0.03	0.55	0.29
34003023300	0.00	0.02	0.49	0.26
34003023200	0.00	0.03	0.50	0.27
34003033200	0.00	0.02	0.40	0.21
34003033300	0.00	0.02	0.44	0.24
34003054400	0.00	0.04	0.68	0.36
34003052200	0.00	0.02	0.36	0.19
34003023500	0.00	0.02	0.45	0.24
34003030100	0.00	0.02	0.31	0.17
34003054500	0.00	0.04	0.74	0.40
34003023401	0.00	0.02	0.42	0.22
34003030300	0.00	0.02	0.34	0.18
34003030200	0.00	0.02	0.33	0.18
34003023402	0.00	0.02	0.31	0.16
34003021400	0.00	0.02	0.36	0.19
34003004000	0.00	0.03	0.59	0.32
34003054600	0.00	0.03	0.53	0.30
34003021300	0.00	0.02	0.34	0.18
34003023600	0.00	0.02	0.43	0.23
34003030400	0.00	0.02	0.37	0.20
34031175200	0.00	0.02	0.30	0.16
34003028001	0.00	0.04	0.62	0.35
34003025100	0.00	0.02	0.41	0.22
34003021500	0.00	0.02	0.34	0.18
34003021600	0.00	0.02	0.32	0.17
34003036100	0.00	0.02	0.34	0.18

Table D.300: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (FORMALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.02	0.34	0.18
34003046200	0.00	0.02	0.45	0.25
34003060000	0.00	0.01	0.27	0.14
34003046100	0.00	0.02	0.43	0.24
34031175900	0.00	0.01	0.26	0.14
34003057101	0.00	0.02	0.35	0.18
34003046300	0.00	0.02	0.38	0.21
34003057200	0.00	0.01	0.28	0.15
34003029100	0.00	0.03	0.48	0.26
34031175700	0.00	0.01	0.22	0.12
34003029200	0.00	0.03	0.46	0.26
34003041100	0.00	0.03	0.47	0.27
34003057102	0.00	0.01	0.18	0.10
34003012000	0.00	0.01	0.19	0.10
34003036200	0.00	0.02	0.38	0.21
34003005000	0.00	0.01	0.21	0.11
34003041300	0.00	0.02	0.43	0.25
34003045200	0.00	0.02	0.27	0.15
34003051100	0.00	0.01	0.23	0.12
34003045100	0.00	0.01	0.24	0.14
34003051300	0.00	0.01	0.17	0.09
34003051200	0.00	0.01	0.20	0.11
34003018200	0.00	0.02	0.35	0.21
34003051400	0.00	0.01	0.19	0.11
34017014600	0.00	0.01	0.21	0.12
34017019500	0.00	0.02	0.28	0.16

Table D.301: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.36	0.31
34003023100	0.00	0.00	0.58	0.48
34003023300	0.00	0.00	0.59	0.49
34003023200	0.00	0.00	0.59	0.49
34003033200	0.00	0.00	0.43	0.36
34003033300	0.00	0.00	0.54	0.45
34003054400	0.00	0.00	0.86	0.69
34003052200	0.00	0.00	0.43	0.37
34003023500	0.00	0.00	0.53	0.44
34003030100	0.00	0.00	0.38	0.32
34003054500	0.00	0.00	0.93	0.76
34003023401	0.00	0.00	0.54	0.45
34003030300	0.00	0.00	0.42	0.36
34003030200	0.00	0.00	0.41	0.35
34003023402	0.00	0.00	0.36	0.30
34003021400	0.00	0.00	0.49	0.42
34003004000	0.00	0.00	0.75	0.62
34003054600	0.00	0.00	0.67	0.55
34003021300	0.00	0.00	0.48	0.41
34003023600	0.00	0.00	0.48	0.40
34003030400	0.00	0.00	0.48	0.41
34031175200	0.00	0.00	0.42	0.36
34003028001	0.00	0.00	0.78	0.65
34003025100	0.00	0.00	0.52	0.44
34003021500	0.00	0.00	0.44	0.37
34003021600	0.00	0.00	0.43	0.37
34003036100	0.00	0.00	0.36	0.30

Table D.302: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (MTBE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.41	0.35
34003046200	0.00	0.00	0.57	0.48
34003060000	0.00	0.00	0.32	0.27
34003046100	0.00	0.00	0.55	0.46
34031175900	0.00	0.00	0.33	0.29
34003057101	0.00	0.00	0.47	0.40
34003046300	0.00	0.00	0.46	0.39
34003057200	0.00	0.00	0.38	0.33
34003029100	0.00	0.00	0.58	0.49
34031175700	0.00	0.00	0.31	0.27
34003029200	0.00	0.00	0.56	0.48
34003041100	0.00	0.00	0.57	0.48
34003057102	0.00	0.00	0.21	0.18
34003012000	0.00	0.00	0.23	0.20
34003036200	0.00	0.00	0.42	0.36
34003005000	0.00	0.00	0.25	0.21
34003041300	0.00	0.00	0.54	0.46
34003045200	0.00	0.00	0.31	0.26
34003051100	0.00	0.00	0.30	0.26
34003045100	0.00	0.00	0.27	0.23
34003051300	0.00	0.00	0.21	0.18
34003051200	0.00	0.00	0.27	0.23
34003018200	0.00	0.00	0.46	0.40
34003051400	0.00	0.00	0.25	0.22
34017014600	0.00	0.00	0.28	0.24
34017019500	0.00	0.00	0.39	0.34

Table D.303: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	2.19	0.18	0.03
34003023100	0.00	3.08	0.25	0.04
34003023300	0.00	2.43	0.20	0.03
34003023200	0.00	2.26	0.19	0.03
34003033200	0.00	2.39	0.20	0.03
34003033300	0.00	2.35	0.19	0.03
34003054400	0.00	3.35	0.27	0.04
34003052200	0.00	2.22	0.18	0.03
34003023500	0.00	1.97	0.16	0.03
34003030100	0.00	2.06	0.17	0.03
34003054500	0.00	4.03	0.30	0.05
34003023401	0.00	1.91	0.16	0.03
34003030300	0.00	1.47	0.12	0.02
34003030200	0.00	1.41	0.12	0.02
34003023402	0.00	1.87	0.15	0.02
34003021400	0.00	1.77	0.15	0.02
34003004000	0.00	3.25	0.24	0.04
34003054600	0.00	3.65	0.26	0.04
34003021300	0.00	1.66	0.14	0.02
34003023600	0.00	2.43	0.19	0.03
34003030400	0.00	1.74	0.14	0.02
34031175200	0.00	1.27	0.11	0.02
34003028001	0.00	4.31	0.28	0.05
34003025100	0.00	2.46	0.19	0.03
34003021500	0.00	1.65	0.14	0.02
34003021600	0.00	1.39	0.12	0.02
34003036100	0.00	2.27	0.17	0.03

Table D.304: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (NAPHTHALENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	1.78	0.14	0.02
34003046200	0.00	2.82	0.20	0.03
34003060000	0.00	1.80	0.14	0.02
34003046100	0.00	3.19	0.22	0.04
34031175900	0.00	1.30	0.11	0.02
34003057101	0.00	1.81	0.14	0.02
34003046300	0.00	2.46	0.17	0.03
34003057200	0.00	1.48	0.12	0.02
34003029100	0.00	2.61	0.19	0.03
34031175700	0.00	1.27	0.10	0.02
34003029200	0.00	2.89	0.20	0.03
34003041100	0.00	3.06	0.20	0.03
34003057102	0.00	1.23	0.10	0.02
34003012000	0.00	1.53	0.12	0.02
34003036200	0.00	2.21	0.16	0.03
34003005000	0.00	1.70	0.13	0.02
34003041300	0.00	2.52	0.16	0.03
34003045200	0.00	2.33	0.15	0.03
34003051100	0.00	1.51	0.12	0.02
34003045100	0.00	1.84	0.12	0.02
34003051300	0.00	1.23	0.09	0.01
34003051200	0.00	1.44	0.11	0.02
34003018200	0.00	2.12	0.14	0.02
34003051400	0.00	1.52	0.11	0.02
34017014600	0.00	1.51	0.10	0.02
34017019500	0.00	2.14	0.15	0.02

Table D.305: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.00	0.32	0.39
34003023100	0.00	0.00	0.49	0.59
34003023300	0.00	0.00	0.49	0.59
34003023200	0.00	0.00	0.47	0.57
34003033200	0.00	0.00	0.38	0.46
34003033300	0.00	0.00	0.44	0.53
34003054400	0.00	0.00	0.70	0.85
34003052200	0.00	0.00	0.35	0.43
34003023500	0.00	0.00	0.41	0.49
34003030100	0.00	0.00	0.31	0.37
34003054500	0.00	0.00	0.76	0.93
34003023401	0.00	0.00	0.40	0.48
34003030300	0.00	0.00	0.31	0.37
34003030200	0.00	0.00	0.30	0.36
34003023402	0.00	0.00	0.29	0.35
34003021400	0.00	0.00	0.36	0.44
34003004000	0.00	0.00	0.59	0.72
34003054600	0.00	0.00	0.55	0.68
34003021300	0.00	0.00	0.34	0.41
34003023600	0.00	0.00	0.39	0.48
34003030400	0.00	0.00	0.36	0.44
34031175200	0.00	0.00	0.29	0.35
34003028001	0.00	0.00	0.63	0.81
34003025100	0.00	0.00	0.41	0.50
34003021500	0.00	0.00	0.32	0.39
34003021600	0.00	0.00	0.30	0.36
34003036100	0.00	0.00	0.28	0.35

Table D.306: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (PROPIONALDEHYDE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.00	0.32	0.38
34003046200	0.00	0.00	0.45	0.56
34003060000	0.00	0.00	0.25	0.30
34003046100	0.00	0.00	0.44	0.56
34031175900	0.00	0.00	0.23	0.28
34003057101	0.00	0.00	0.34	0.41
34003046300	0.00	0.00	0.36	0.45
34003057200	0.00	0.00	0.27	0.33
34003029100	0.00	0.00	0.46	0.57
34031175700	0.00	0.00	0.22	0.27
34003029200	0.00	0.00	0.44	0.55
34003041100	0.00	0.00	0.45	0.58
34003057102	0.00	0.00	0.16	0.20
34003012000	0.00	0.00	0.18	0.22
34003036200	0.00	0.00	0.32	0.40
34003005000	0.00	0.00	0.19	0.24
34003041300	0.00	0.00	0.41	0.53
34003045200	0.00	0.00	0.25	0.32
34003051100	0.00	0.00	0.23	0.28
34003045100	0.00	0.00	0.21	0.27
34003051300	0.00	0.00	0.16	0.19
34003051200	0.00	0.00	0.20	0.25
34003018200	0.00	0.00	0.34	0.45
34003051400	0.00	0.00	0.19	0.23
34017014600	0.00	0.00	0.20	0.26
34017019500	0.00	0.00	0.29	0.36

Table D.307: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.11	0.19	0.03
34003023100	0.00	0.34	0.54	0.09
34003023300	0.00	0.27	0.44	0.07
34003023200	0.00	0.28	0.45	0.08
34003033200	0.00	0.18	0.30	0.05
34003033300	0.00	0.23	0.38	0.06
34003054400	0.00	0.50	0.76	0.12
34003052200	0.00	0.14	0.25	0.04
34003023500	0.00	0.23	0.38	0.06
34003030100	0.00	0.09	0.16	0.03
34003054500	0.00	0.58	0.80	0.13
34003023401	0.00	0.20	0.34	0.06
34003030300	0.00	0.14	0.24	0.04
34003030200	0.00	0.13	0.24	0.04
34003023402	0.00	0.09	0.15	0.02
34003021400	0.00	0.16	0.29	0.05
34003004000	0.00	0.35	0.51	0.08
34003054600	0.00	0.25	0.32	0.05
34003021300	0.00	0.14	0.26	0.04
34003023600	0.00	0.18	0.28	0.05
34003030400	0.00	0.16	0.28	0.05
34031175200	0.00	0.11	0.20	0.03
34003028001	0.00	0.40	0.45	0.07
34003025100	0.00	0.19	0.32	0.05
34003021500	0.00	0.15	0.26	0.04
34003021600	0.00	0.12	0.23	0.04
34003036100	0.00	0.13	0.20	0.03

Table D.308: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (STYRENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.13	0.23	0.04
34003046200	0.00	0.19	0.27	0.04
34003060000	0.00	0.08	0.14	0.02
34003046100	0.00	0.18	0.24	0.04
34031175900	0.00	0.07	0.13	0.02
34003057101	0.00	0.14	0.25	0.04
34003046300	0.00	0.15	0.20	0.03
34003057200	0.00	0.09	0.16	0.03
34003029100	0.00	0.27	0.40	0.07
34031175700	0.00	0.05	0.09	0.02
34003029200	0.00	0.27	0.40	0.07
34003041100	0.00	0.28	0.35	0.06
34003057102	0.00	0.04	0.07	0.01
34003012000	0.00	0.04	0.08	0.01
34003036200	0.00	0.22	0.33	0.06
34003005000	0.00	0.05	0.08	0.01
34003041300	0.00	0.23	0.30	0.05
34003045200	0.00	0.09	0.12	0.02
34003051100	0.00	0.06	0.10	0.02
34003045100	0.00	0.08	0.11	0.02
34003051300	0.00	0.04	0.07	0.01
34003051200	0.00	0.05	0.08	0.01
34003018200	0.00	0.18	0.27	0.04
34003051400	0.00	0.05	0.08	0.01
34017014600	0.00	0.07	0.11	0.02
34017019500	0.00	0.13	0.20	0.03

Table D.309: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.40	0.39	0.10
34003023100	0.00	0.65	0.64	0.16
34003023300	0.00	0.59	0.59	0.15
34003023200	0.00	0.60	0.58	0.15
34003033200	0.00	0.48	0.47	0.12
34003033300	0.00	0.54	0.54	0.14
34003054400	0.00	0.86	0.82	0.21
34003052200	0.00	0.44	0.44	0.11
34003023500	0.00	0.52	0.52	0.13
34003030100	0.00	0.37	0.37	0.10
34003054500	0.00	1.06	0.88	0.22
34003023401	0.00	0.50	0.50	0.13
34003030300	0.00	0.38	0.39	0.10
34003030200	0.00	0.37	0.38	0.10
34003023402	0.00	0.37	0.36	0.09
34003021400	0.00	0.44	0.45	0.12
34003004000	0.00	0.85	0.70	0.18
34003054600	0.00	0.82	0.62	0.16
34003021300	0.00	0.41	0.42	0.11
34003023600	0.00	0.57	0.49	0.13
34003030400	0.00	0.44	0.43	0.11
34031175200	0.00	0.34	0.35	0.09
34003028001	0.00	1.09	0.71	0.18
34003025100	0.00	0.55	0.50	0.13
34003021500	0.00	0.40	0.41	0.10
34003021600	0.00	0.37	0.38	0.10
34003036100	0.00	0.47	0.39	0.10

Table D.310: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (TOLUENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.42	0.39	0.10
34003046200	0.00	0.68	0.52	0.13
34003060000	0.00	0.36	0.32	0.08
34003046100	0.00	0.70	0.50	0.13
34031175900	0.00	0.30	0.30	0.08
34003057101	0.00	0.44	0.42	0.11
34003046300	0.00	0.58	0.43	0.11
34003057200	0.00	0.35	0.34	0.09
34003029100	0.00	0.71	0.55	0.14
34031175700	0.00	0.26	0.26	0.07
34003029200	0.00	0.70	0.54	0.14
34003041100	0.00	0.78	0.53	0.14
34003057102	0.00	0.22	0.21	0.05
34003012000	0.00	0.25	0.23	0.06
34003036200	0.00	0.56	0.44	0.12
34003005000	0.00	0.28	0.25	0.06
34003041300	0.00	0.68	0.47	0.12
34003045200	0.00	0.43	0.30	0.08
34003051100	0.00	0.30	0.27	0.07
34003045100	0.00	0.36	0.26	0.07
34003051300	0.00	0.23	0.20	0.05
34003051200	0.00	0.27	0.24	0.06
34003018200	0.00	0.54	0.40	0.11
34003051400	0.00	0.27	0.23	0.06
34017014600	0.00	0.31	0.24	0.06
34017019500	0.00	0.45	0.34	0.09

Table D.311: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 1) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003050000	0.00	0.69	0.32	0.14
34003023100	0.00	1.03	0.48	0.20
34003023300	0.00	1.03	0.48	0.20
34003023200	0.00	1.02	0.47	0.20
34003033200	0.00	0.81	0.38	0.16
34003033300	0.00	0.94	0.45	0.19
34003054400	0.00	1.46	0.66	0.27
34003052200	0.00	0.76	0.36	0.15
34003023500	0.00	0.87	0.42	0.17
34003030100	0.00	0.65	0.32	0.13
34003054500	0.00	1.82	0.71	0.29
34003023401	0.00	0.88	0.42	0.17
34003030300	0.00	0.66	0.32	0.13
34003030200	0.00	0.64	0.31	0.13
34003023402	0.00	0.65	0.30	0.12
34003021400	0.00	0.77	0.38	0.16
34003004000	0.00	1.47	0.56	0.23
34003054600	0.00	1.48	0.52	0.22
34003021300	0.00	0.73	0.36	0.15
34003023600	0.00	0.98	0.40	0.17
34003030400	0.00	0.78	0.37	0.15
34031175200	0.00	0.59	0.29	0.12
34003028001	0.00	1.95	0.57	0.24
34003025100	0.00	0.96	0.41	0.17
34003021500	0.00	0.67	0.33	0.14
34003021600	0.00	0.64	0.31	0.13
34003036100	0.00	0.80	0.31	0.13

Table D.312: Percentage Contributions to Local Annual Average Ambient Concentrations of Air Toxic (XYLENE) for each census tract located within a 5km radius from Teterboro airport, from Emission Sources in WESTCHESTER County, NY (part 2) based on 1999 NEI Inventory Adjusted with Local Information

Census Tract ID	Point (%)	Area (%)	On-Road Mobile (%)	Non-Road Mobile (%)
34003025200	0.00	0.73	0.32	0.13
34003046200	0.00	1.23	0.44	0.18
34003060000	0.00	0.63	0.26	0.11
34003046100	0.00	1.26	0.41	0.18
34031175900	0.00	0.52	0.25	0.10
34003057101	0.00	0.77	0.35	0.15
34003046300	0.00	1.04	0.35	0.15
34003057200	0.00	0.61	0.29	0.12
34003029100	0.00	1.22	0.44	0.19
34031175700	0.00	0.48	0.23	0.09
34003029200	0.00	1.22	0.44	0.18
34003041100	0.00	1.37	0.42	0.18
34003057102	0.00	0.39	0.17	0.07
34003012000	0.00	0.45	0.19	0.08
34003036200	0.00	0.95	0.35	0.15
34003005000	0.00	0.50	0.21	0.09
34003041300	0.00	1.21	0.38	0.16
34003045200	0.00	0.77	0.25	0.11
34003051100	0.00	0.53	0.23	0.10
34003045100	0.00	0.65	0.21	0.09
34003051300	0.00	0.40	0.17	0.07
34003051200	0.00	0.49	0.21	0.09
34003018200	0.00	0.92	0.31	0.13
34003051400	0.00	0.49	0.19	0.08
34017014600	0.00	0.54	0.19	0.08
34017019500	0.00	0.82	0.29	0.12

APPENDIX E EDMS INPUT PARAMETERSFOR JULY 1999 STUDY

EDMS 4.11 Model Inputs for Study

Date: Wednesday, September 03, 2003
Study Created: Wednesday, December 11, 2002
Study Pathname: D:\ccl-users\christos\Projects\TETERBORO\Run1\first\first.EDM

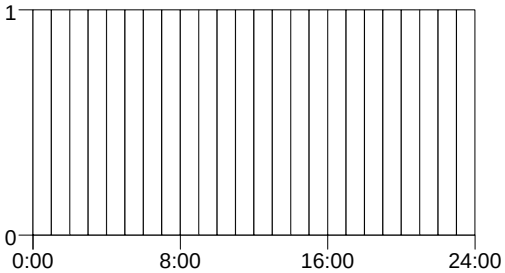
Airport: TETERBORO NJ TEB
Airport Location (lat / lon): 40-51-00.359N 074-03-39.007W
Field elevation: 9 (feet MSL)
Average temperature: 58.0
Mixing Height: 3000 (feet)
Year being studied: 1999

This study is an analysis of both Emissions and Dispersion.
For Dispersion, Metric airport layout units are selected.
GSE are modeled based upon aircraft LTO.

Hourly Operational Profiles

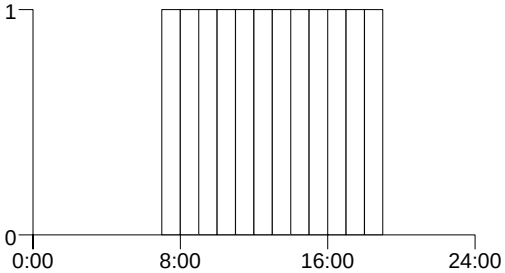
Name: DEFAULT

Hour	Fraction of Peak	Hour	Fraction of Peak	Hour	Fraction of Peak
1	1.0000	9	1.0000	17	1.0000
2	1.0000	10	1.0000	18	1.0000
3	1.0000	11	1.0000	19	1.0000
4	1.0000	12	1.0000	20	1.0000
5	1.0000	13	1.0000	21	1.0000
6	1.0000	14	1.0000	22	1.0000
7	1.0000	15	1.0000	23	1.0000
8	1.0000	16	1.0000	24	1.0000



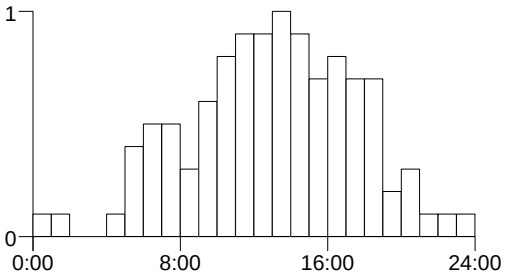
Name: LOTS

Hour	Fraction of Peak	Hour	Fraction of Peak	Hour	Fraction of Peak
1	0.0000	9	1.0000	17	1.0000
2	0.0000	10	1.0000	18	1.0000
3	0.0000	11	1.0000	19	1.0000
4	0.0000	12	1.0000	20	0.0000
5	0.0000	13	1.0000	21	0.0000
6	0.0000	14	1.0000	22	0.0000
7	0.0000	15	1.0000	23	0.0000
8	1.0000	16	1.0000	24	0.0000



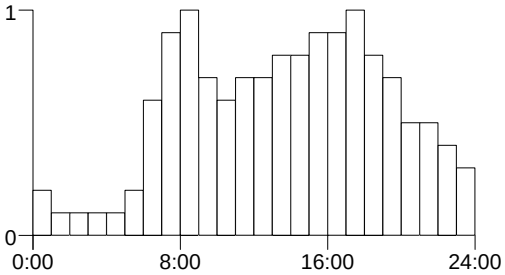
Name: AIRCRAFTS

Hour	Fraction of Peak	Hour	Fraction of Peak	Hour	Fraction of Peak
1	0.1000	9	0.3000	17	0.8000
2	0.1000	10	0.6000	18	0.7000
3	0.0000	11	0.8000	19	0.7000
4	0.0000	12	0.9000	20	0.2000
5	0.1000	13	0.9000	21	0.3000
6	0.4000	14	1.0000	22	0.1000
7	0.5000	15	0.9000	23	0.1000
8	0.5000	16	0.7000	24	0.1000



Name: ROADWAYS

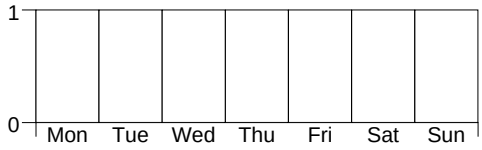
Hour	Fraction of Peak	Hour	Fraction of Peak	Hour	Fraction of Peak
1	0.2000	9	1.0000	17	0.9000
2	0.1000	10	0.7000	18	1.0000
3	0.1000	11	0.6000	19	0.8000
4	0.1000	12	0.7000	20	0.7000
5	0.1000	13	0.7000	21	0.5000
6	0.2000	14	0.8000	22	0.5000
7	0.6000	15	0.8000	23	0.4000
8	0.9000	16	0.9000	24	0.3000



Daily Operational Profiles

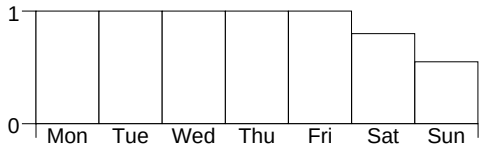
Name: DEFAULT

Day	Fraction of Peak	Day	Fraction of Peak
Monday	1.0000	Friday	1.0000
Tuesday	1.0000	Saturday	1.0000
Wednesday	1.0000	Sunday	1.0000
Thursday	1.0000		



Name: Roadways

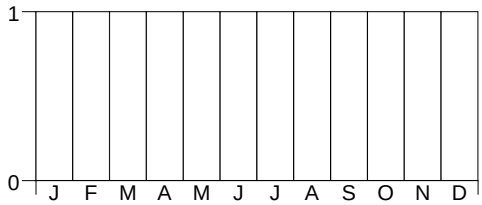
Day	Fraction of Peak	Day	Fraction of Peak
Monday	1.0000	Friday	1.0000
Tuesday	1.0000	Saturday	0.8000
Wednesday	1.0000	Sunday	0.5500
Thursday	1.0000		



Monthly Operational Profiles

Name: DEFAULT

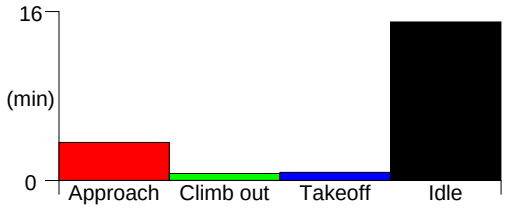
Month	Fraction of Peak	Month	Fraction of Peak
January	1.0000	July	1.0000
February	1.0000	August	1.0000
March	1.0000	September	1.0000
April	1.0000	October	1.0000
May	1.0000	November	1.0000
June	1.0000	December	1.0000



Aircraft

Aircraft Name:	Annual LTOs:	6694
Gulfstream IV	Annual TGO:	0
Engine Type:	Hourly Operational Profile:	AIRCRAFTS
TAY Mk611-8	Daily Operational Profile:	DEFAULT
Identification:	Monthly Operational Profile:	DEFAULT
#1	Category:	LCJP

Takeoff weight (lbs):	71700
Approach angle (°):	3
Takeoff Time (minutes):	0.78
Climb out Time (minutes):	0.68
Approach Time (minutes):	3.65
Total Idle Time (minutes):	15.22
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	E			
Assigned APU:	APU GTCP 36 (80HP)		Op Time (mins):	26.00
Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Aircraft Tractor, Commuter/Reg	Diesel	6.00	86	0.8000
Cabin Service Truck, Comm/Reg	Diesel	15.00	80	0.5300
Catering Truck, Commuter/Reg	Diesel	35.00	80	0.5300
Fuel Truck, MidSize, 3-6,000 g	Diesel	35.00	175	0.2500
Lavatory Truck, Narrow Body	Diesel	20.00	56	0.2500
Baggage Tractor, Commuter	Gasoline	25.00	107	0.5500

Aircraft does not use configurations.

Assigned Taxiways:	Speed (MPH):
G	30.00
K	30.00
L	30.00

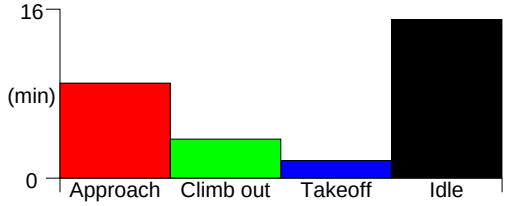
Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
01	1.0000	1.0000	1.0000

Aircraft Name:
Piper PA-28
Engine Type:
IO-320-DIAD
Identification:
#1

Annual LTOs:	8640
Annual TGO:	0
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
Category:	SGPP

Takeoff weight (lbs):	2200
Approach angle (°):	3
Takeoff Time (minutes):	1.68
Climb out Time (minutes):	3.72
Approach Time (minutes):	9.06
Total Idle Time (minutes):	15.11
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	B

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Deicer, Single Engine	Diesel	20.00	165	0.9500

Aircraft does not use configurations.

Assigned Taxiways:	Speed (MPH):
A	30.00
B	30.00
C	30.00

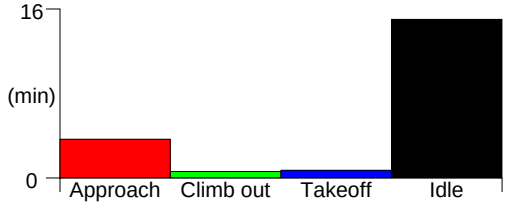
Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
27	1.0000	1.0000	1.0000

Aircraft Name:
Learjet 35/36
Engine Type:
TFE 731-2-2B
Identification:
#1

Annual LTOs:	4322
Annual TGO:	0
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
Category:	SGJB

Takeoff weight (lbs):	15000
Approach angle (°):	3
Takeoff Time (minutes):	0.73
Climb out Time (minutes):	0.61
Approach Time (minutes):	3.70
Total Idle Time (minutes):	15.16
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	C

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Aircraft Tractor, Commuter/Reg	Diesel	6.00	86	0.8000
Fuel Truck, MidSize, 3-6,000 g	Diesel	35.00	175	0.2500
Ground Power Unit, 28VDC	Gasoline	30.00	107	0.7500

Aircraft does not use configurations.

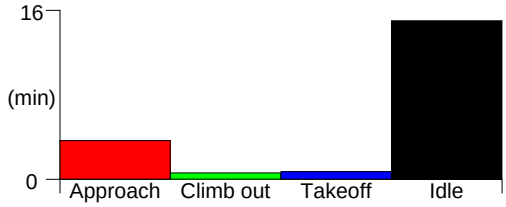
Assigned Taxiways:	Speed (MPH):
D	30.00
E	30.00
F	30.00
G	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
01	1.0000	1.0000	1.0000

Aircraft Name:	Annual LTOs:	4830
Falcon 50	Annual TGO:	0
Engine Type:	Hourly Operational Profile:	AIRCRAFTS
TFE731-3	Daily Operational Profile:	DEFAULT
Identification:	Monthly Operational Profile:	DEFAULT
#1	Category:	SGJB

Takeoff weight (lbs):	15000
Approach angle (°):	3
Takeoff Time (minutes):	0.73
Climb out Time (minutes):	0.61
Approach Time (minutes):	3.70
Total Idle Time (minutes):	15.16
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	A			
Assigned APU:	APU GTCP 36 (80HP)		Op Time (mins):	26.00
Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Aircraft Tractor, Commuter/Reg	Diesel	6.00	86	0.8000
Fuel Truck, MidSize, 3-6,000 g	Diesel	35.00	175	0.2500
Ground Power Unit, 28VDC	Gasoline	30.00	107	0.7500

Aircraft does not use configurations.

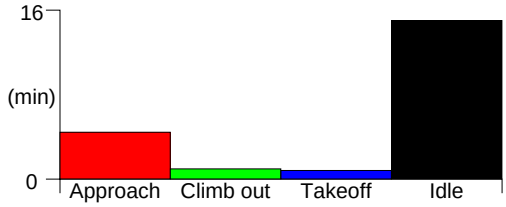
Assigned Taxiways:	Speed (MPH):
A	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
19	1.0000	1.0000	1.0000

Aircraft Name:	Annual LTOs:	5254
550 Citation	Annual TGO:	0
Engine Type:	Hourly Operational Profile:	AIRCRAFTS
JT15D-4 (B,C,D)	Daily Operational Profile:	DEFAULT
Identification:	Monthly Operational Profile:	DEFAULT
#1	Category:	SGJB

Takeoff weight (lbs):	14100
Approach angle (°):	3
Takeoff Time (minutes):	0.83
Climb out Time (minutes):	0.98
Approach Time (minutes):	4.49
Total Idle Time (minutes):	15.21
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	E			
No APU assigned.				
Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Aircraft Tractor, Commuter/Reg	Diesel	6.00	86	0.8000
Fuel Truck, MidSize, 3-6,000 g	Diesel	35.00	175	0.2500
Ground Power Unit, 28VDC	Gasoline	30.00	107	0.7500

Aircraft does not use configurations.

Assigned Taxiways:	Speed (MPH):
G	30.00
K	30.00
L	30.00

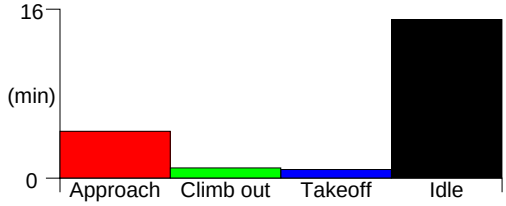
Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
01	1.0000	1.0000	1.0000

Aircraft Name:
560 Citation V
Engine Type:
JT15D-5 (A & B)
Identification:
#1

Annual LTOs:	5847
Annual TGO:	0
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
Category:	SGJB

Takeoff weight (lbs):	14100
Approach angle (°):	3
Takeoff Time (minutes):	0.83
Climb out Time (minutes):	0.98
Approach Time (minutes):	4.49
Total Idle Time (minutes):	15.21
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	C			
No APU assigned.				
Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Aircraft Tractor, Commuter/Reg	Diesel	6.00	86	0.8000
Fuel Truck, MidSize, 3-6,000 g	Diesel	35.00	175	0.2500
Ground Power Unit, 28VDC	Gasoline	30.00	107	0.7500

Aircraft does not use configurations.

Assigned Taxiways:	Speed (MPH):
H	30.00
I	30.00
J	30.00
D	30.00

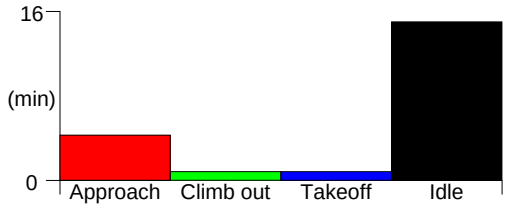
Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
09	1.0000	1.0000	1.0000

Aircraft Name:
Citation VII
Engine Type:
TFE 731-2-2B
Identification:
#1

Annual LTOs:	5677
Annual TGO:	0
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
Category:	SGJB

Takeoff weight (lbs):	20000
Approach angle (°):	3
Takeoff Time (minutes):	0.85
Climb out Time (minutes):	0.84
Approach Time (minutes):	4.34
Total Idle Time (minutes):	15.20
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	E			
Assigned APU:	APU GTCP 36 (80HP)		Op Time (mins):	26.00
Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Aircraft Tractor, Commuter/Reg	Diesel	6.00	86	0.8000
Fuel Truck, MidSize, 3-6,000 g	Diesel	35.00	175	0.2500
Ground Power Unit, 28VDC	Gasoline	30.00	107	0.7500

Aircraft does not use configurations.

Assigned Taxiways:	Speed (MPH):
G	30.00
K	30.00
L	30.00

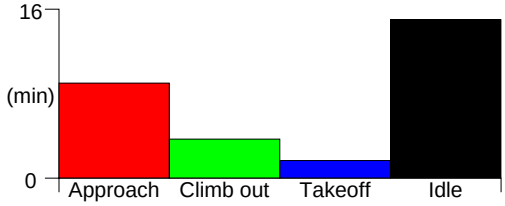
Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
01	1.0000	1.0000	1.0000

Aircraft Name:
Cessna 150
Engine Type:
O-200
Identification:
#1

Peak Hour LTOs:	0.474
Annual TGO:	0
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
Category:	SGPP

Takeoff weight (lbs):	2200
Approach angle (°):	3
Takeoff Time (minutes):	1.68
Climb out Time (minutes):	3.72
Approach Time (minutes):	9.06
Total Idle Time (minutes):	15.11
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	C

No APU assigned.
No GSE assigned.

Aircraft does not use configurations.

Assigned Taxiways:	Speed (MPH):
D	30.00
E	30.00
F	30.00
G	30.00

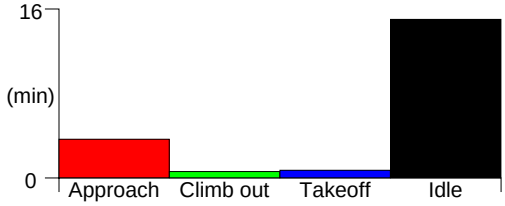
Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
01	1.0000	1.0000	1.0000

Aircraft Name:
Learjet 35/36
Engine Type:
TFE 731-2-2B
Identification:
#2

Annual LTOs:	8050
Annual TGO:	0
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
Category:	SGJB

Takeoff weight (lbs):	15000
Approach angle (°):	3
Takeoff Time (minutes):	0.73
Climb out Time (minutes):	0.61
Approach Time (minutes):	3.70
Total Idle Time (minutes):	15.16
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	D

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Fuel Truck, MidSize, 3-6,000 g	Diesel	20.00	175	0.2500
Ground Power Unit, 28VDC	Gasoline	40.00	107	0.7500

Aircraft does not use configurations.

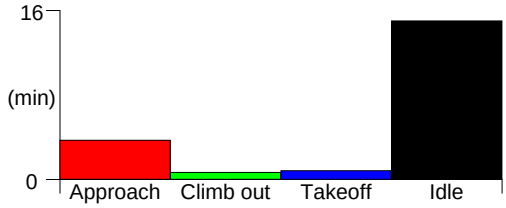
Assigned Taxiways:	Speed (MPH):
D	30.00
E	30.00
H	30.00
I	30.00
J	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
09	1.0000	1.0000	1.0000

Aircraft Name:	Annual LTOs:	5254
CL604	Annual TGO:	0
Engine Type:	Hourly Operational Profile:	AIRCRAFTS
CF34-3B	Daily Operational Profile:	DEFAULT
Identification:	Monthly Operational Profile:	DEFAULT
#1	Category:	LGJB

Takeoff weight (lbs):	43100
Approach angle (°):	3
Takeoff Time (minutes):	0.85
Climb out Time (minutes):	0.68
Approach Time (minutes):	3.78
Total Idle Time (minutes):	15.26
Taxi & Queue Time (minutes):	15.00



Assigned Gate: D

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Ground Power Unit, 400 Hz	Diesel	30.00	194	0.7500
Service Truck	Diesel	15.00	235	0.2000
Lavatory Truck, Narrow Body	Gasoline	15.00	97	0.2500
Fuel Truck, MidSize, 3-6,000 g	Diesel	20.00	175	0.2500
Baggage Tractor, Commuter	Gasoline	15.00	107	0.5500
Aircraft Tractor, Commuter/Reg	Diesel	5.00	86	0.8000

Aircraft does not use configurations.

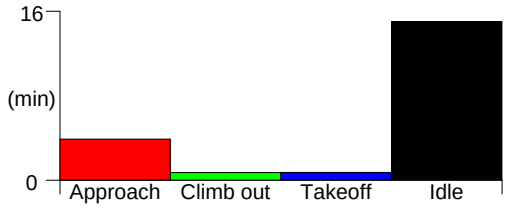
Assigned Taxiways:	Speed (MPH):
D	30.00
H	30.00
I	30.00
J	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
09	1.0000	1.0000	1.0000

Aircraft Name:	Annual LTOs:	5084
CL600	Annual TGO:	0
Engine Type:	Hourly Operational Profile:	AIRCRAFTS
ALF 502L-2	Daily Operational Profile:	DEFAULT
Identification:	Monthly Operational Profile:	DEFAULT
#1	Category:	LGJB

Takeoff weight (lbs):	36000
Approach angle (°):	3
Takeoff Time (minutes):	0.75
Climb out Time (minutes):	0.74
Approach Time (minutes):	3.95
Total Idle Time (minutes):	15.25
Taxi & Queue Time (minutes):	15.00



Assigned Gate: C

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Service Truck	Diesel	15.00	235	0.2000
Lavatory Truck, Narrow Body	Gasoline	15.00	97	0.2500
Fuel Truck, MidSize, 3-6,000 g	Diesel	20.00	175	0.2500
Baggage Tractor, Commuter	Gasoline	15.00	107	0.5500
Aircraft Tractor, Commuter/Reg	Diesel	5.00	86	0.8000
Ground Power Unit, 400 Hz	Diesel	40.00	194	0.7500

Aircraft does not use configurations.

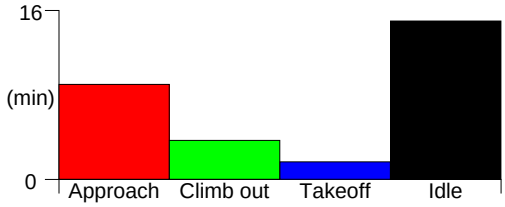
Assigned Taxiways:	Speed (MPH):
C	30.00
D	30.00
H	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
09	1.0000	1.0000	1.0000

Aircraft Name:	Annual LTOs:	7880
Cessna 172 Skyhawk	Annual TGO:	0
Engine Type:	Hourly Operational Profile:	AIRCRAFTS
IO-320-DIAD	Daily Operational Profile:	DEFAULT
Identification:	Monthly Operational Profile:	DEFAULT
#1	Category:	SGPP

Takeoff weight (lbs):	2200
Approach angle (°):	3
Takeoff Time (minutes):	1.68
Climb out Time (minutes):	3.72
Approach Time (minutes):	9.06
Total Idle Time (minutes):	15.11
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	D

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Fuel Truck, Small, < 3,000 gal	Diesel	10.00	175	0.2500

Aircraft does not use configurations.

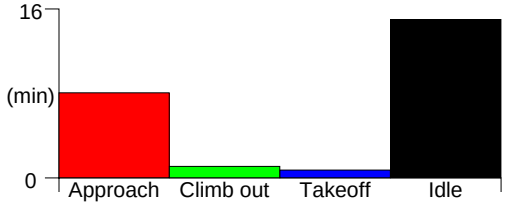
Assigned Taxiways:	Speed (MPH):
H	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
09	1.0000	1.0000	1.0000

Aircraft Name:	Annual LTOs:	4745
Beech King Air 200	Annual TGO:	0
Engine Type:	Hourly Operational Profile:	AIRCRAFTS
PT6A-41	Daily Operational Profile:	DEFAULT
Identification:	Monthly Operational Profile:	DEFAULT
#1	Category:	SCTP

Takeoff weight (lbs):	12500
Approach angle (°):	3
Takeoff Time (minutes):	0.74
Climb out Time (minutes):	1.10
Approach Time (minutes):	8.11
Total Idle Time (minutes):	15.09
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	D

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Fuel Truck, Small, < 3,000 gal	Diesel	10.00	175	0.2500
Baggage Tractor, Commuter	Gasoline	35.00	107	0.5500
Ground Power Unit, 28VDC	Diesel	40.00	71	0.7500

Aircraft does not use configurations.

Assigned Taxiways:	Speed (MPH):
H	30.00
I	30.00
J	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
09	1.0000	1.0000	1.0000

Aircraft Name:
Beechjet 400
Engine Type:
JT15D-5 (A & B)
Identification:
#2

Annual LTOs:	4237
Annual TGO:	0
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
Category:	SGJB

Takeoff weight (lbs):	18300
Approach angle (°):	3
Takeoff Time (minutes):	0.67
Climb out Time (minutes):	0.72
Approach Time (minutes):	4.13
Total Idle Time (minutes):	15.23
Taxi & Queue Time (minutes):	15.00

Assigned Gate:	E

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Fuel Truck, MidSize, 3-6,000 g	Diesel	20.00	175	0.2500
Aircraft Tractor, Commuter/Reg	Diesel	5.00	86	0.8000
Ground Power Unit, 28VDC	Gasoline	40.00	107	0.7500

Aircraft does not use configurations.

Assigned Taxiways:	Speed (MPH):
G	30.00
K	30.00
L	30.00

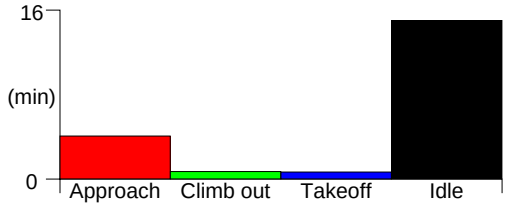
Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
01	1.0000	1.0000	1.0000

Aircraft Name:
Beechjet 400T
Engine Type:
JT15D-5 (A & B)
Identification:
#1

Peak Hour LTOs:	0.822
Annual TGO:	0
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
Category:	SMJP

Takeoff weight (lbs):	18300
Approach angle (°):	3
Takeoff Time (minutes):	0.67
Climb out Time (minutes):	0.72
Approach Time (minutes):	4.13
Total Idle Time (minutes):	15.23
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	B

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Fuel Truck, MidSize, 3-6,000 g	Diesel	20.00	175	0.2500
Aircraft Tractor, Commuter/Reg	Diesel	5.00	86	0.8000
Ground Power Unit, 28VDC	Gasoline	40.00	107	0.7500

Aircraft does not use configurations.

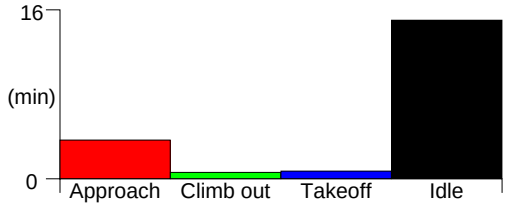
Assigned Taxiways:	Speed (MPH):
A	30.00
B	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
19	1.0000	1.0000	1.0000

Aircraft Name:	Annual LTOs:	5084
Falcon 20	Annual TGO:	0
Engine Type:	Hourly Operational Profile:	AIRCRAFTS
CF700-2D	Daily Operational Profile:	DEFAULT
Identification:	Monthly Operational Profile:	DEFAULT
#1	Category:	SGJB

Takeoff weight (lbs):	15000
Approach angle (°):	3
Takeoff Time (minutes):	0.73
Climb out Time (minutes):	0.61
Approach Time (minutes):	3.70
Total Idle Time (minutes):	15.16
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	A

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Fuel Truck, MidSize, 3-6,000 g	Diesel	20.00	175	0.2500
Aircraft Tractor, Commuter/Reg	Diesel	5.00	86	0.8000
Ground Power Unit, 28VDC	Diesel	40.00	71	0.7500

Aircraft does not use configurations.

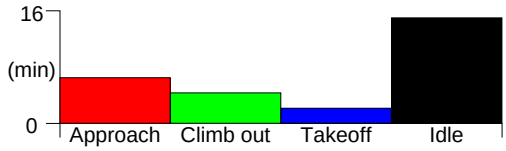
Assigned Taxiways:	Speed (MPH):
C	30.00
A	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
27	1.0000	1.0000	1.0000

Aircraft Name:	Annual LTOs:	13500
Bell 206	Annual TGO:	0
Engine Type:	Hourly Operational Profile:	AIRCRAFTS
250B17B	Daily Operational Profile:	DEFAULT
Identification:	Monthly Operational Profile:	DEFAULT
#1	Category:	SGTH

Takeoff Time (minutes):	2.17
Climb out Time (minutes):	4.33
Approach Time (minutes):	6.50
Total Idle Time (minutes):	15.00
Taxi & Queue Time (minutes):	15.00



Assigned Gate:	A

No APU assigned.

Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Fuel Truck, Small, < 3,000 gal	Diesel	10.00	175	0.2500
Ground Power Unit, 28VDC	Diesel	40.00	71	0.7500

Aircraft does not use configurations.

Assigned Taxiways:	Speed (MPH):
A	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
19	1.0000	1.0000	1.0000

Aircraft Name: Gulfstream V
Engine Type: BR700-710A1-10 GulfV
Identification: #1

Annual LTOs:	6307
Annual TGO:	0
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
Category:	LCJP

Takeoff weight (lbs):	71700
Approach angle (°):	3
Takeoff Time (minutes):	0.78
Climb out Time (minutes):	0.68
Approach Time (minutes):	3.65
Total Idle Time (minutes):	15.22
Taxi & Queue Time (minutes):	15.00

Assigned Gate:	B			
Assigned APU:	APU GTCP 36 (80HP)		Op Time (mins):	26.00
Assigned GSE/AGE:	Fuel:	Op Time (mins):	Horsepower:	Load Factor:
Service Truck	Diesel	15.00	235	0.2000
Lavatory Truck, Narrow Body	Diesel	15.00	56	0.2500
Fuel Truck, MidSize, 3-6,000 g	Diesel	20.00	175	0.2500
Baggage Tractor, Commuter	Gasoline	15.00	107	0.5500
Aircraft Tractor, Commuter/Reg	Diesel	5.00	86	0.8000

Aircraft does not use configurations.

Assigned Taxiways:	Speed (MPH):
A	30.00
B	30.00
C	30.00

Aircraft does not use configurations.

Assigned Runways:	T/O Fraction:	Landing Fraction:	TGO Fraction:
27	1.0000	1.0000	1.0000

Parking Lots

Parking Lot Name: Lot 1

Vehicles per Peak Hour:	15
Hourly Operational Profile:	LOTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT

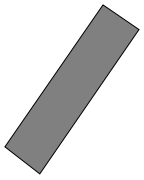
Average Speed (MPH):	15
Average Distance Traveled (meters):	100.00
Average Idle Time (mins):	3.00

The user has NOT edited the following emission factors.

CO (g/veh):	22.41
HC (g/veh):	2.88
NOX (g/veh):	0.64
SOX (g/veh):	0.02
PM (g/veh):	0.02

Release Height (meters): 0.00

Point #:	X (meters):	Y (meters):
1	-150.00	774.00
2	-119.00	750.00
3	-31.00	878.00
4	-63.00	900.00



Parking Lot Name:
Lot 2

Vehicles per Year:	2600
Hourly Operational Profile:	LOTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT

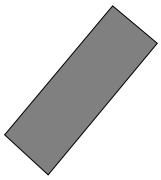
Average Speed (MPH):	15
Average Distance Traveled (meters):	15.00
Average Idle Time (mins):	5.00

The user has NOT edited the following emission factors.

CO (g/veh):	33.72
HC (g/veh):	4.41
NOX (g/veh):	0.82
SOX (g/veh):	0.02
PM (g/veh):	0.03

Release Height (meters): 0.00

Point #:	X (meters):	Y (meters):
1	-506.00	259.00
2	-543.00	293.00
3	-451.00	403.00
4	-413.00	371.00



Parking Lot Name:
Lot 3

Vehicles per Peak Hour:	15
Hourly Operational Profile:	LOTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT

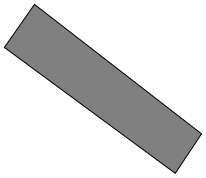
Average Speed (MPH):	10
Average Distance Traveled (meters):	100.00
Average Idle Time (mins):	2.00

The user has NOT edited the following emission factors.

CO (g/veh):	16.56
HC (g/veh):	2.09
NOX (g/veh):	0.50
SOX (g/veh):	0.02
PM (g/veh):	0.02

Release Height (meters): 0.00

Point #:	X (meters):	Y (meters):
1	-561.00	-1059.00
2	-470.00	-1126.00
3	-456.00	-1105.00
4	-545.00	-1036.00



Parking Lot Name:
Lot 4

Vehicles per Peak Hour:	16
Hourly Operational Profile:	LOTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT

Average Speed (MPH):	15
Average Distance Traveled (meters):	100.00
Average Idle Time (mins):	5.00

The user has NOT edited the following emission factors.

CO (g/veh):	35.76
HC (g/veh):	4.63
NOX (g/veh):	0.96
SOX (g/veh):	0.03
PM (g/veh):	0.03

Release Height (meters): 0.00

Point #:	X (meters):	Y (meters):
1	650.00	650.00
2	700.00	650.00
3	700.00	800.00
4	650.00	800.00

Parking Lot Name:
Lot 5 MA

Vehicles per Peak Hour:	17
Hourly Operational Profile:	LOTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT

Average Speed (MPH):	10
Average Distance Traveled (meters):	30.00
Average Idle Time (mins):	1.50

The user has NOT edited the following emission factors.

CO (g/veh):	10.97
HC (g/veh):	1.41
NOX (g/veh):	0.29
SOX (g/veh):	0.01
PM (g/veh):	0.01

Release Height (meters): 1.00

Point #:	X (meters):	Y (meters):
1	-864.00	-793.00
2	-764.00	-793.00
3	-764.00	-718.00
4	-864.00	-718.00

Roadways

Roadway Name:
Rt 17 p1

Vehicles per Year:	0
Hourly Operational Profile:	ROADWAYS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT

Average Speed (MPH):	45
Round Trip Distance (miles):	5.185

The user has NOT edited the following emission factors.

CO (g/veh-mi):	14.630
HC (g/veh-mi):	2.110
NOX (g/veh-mi):	2.630
SOX (g/veh-mi):	0.113
PM (g/veh-mi):	0.119

Release Height (meters): 3.000000

	X (meters):	Y (meters):
Point 1:	-3648.00	-1372.00
Point 2:	-3995.00	-498.00

Roadway Name:
Rt 46 p1

Vehicles per Year:	0
Hourly Operational Profile:	ROADWAYS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT

Average Speed (MPH):	45
Round Trip Distance (miles):	5.380

The user has NOT edited the following emission factors.

CO (g/veh-mi):	14.630
HC (g/veh-mi):	2.110
NOX (g/veh-mi):	2.630
SOX (g/veh-mi):	0.113
PM (g/veh-mi):	0.119

Release Height (meters): 3.000000

	X (meters):	Y (meters):
Point 1:	-45.00	3777.00
Point 2:	1844.00	-189.00

Roadway Name:
Rt 46 p2

Vehicles per Year:	0
Hourly Operational Profile:	ROADWAYS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT

Average Speed (MPH):		45
Round Trip Distance (miles):		4.325
The user has NOT edited the following emission factors.		
CO (g/veh-mi):		14.630
HC (g/veh-mi):		2.110
NOX (g/veh-mi):		2.630
SOX (g/veh-mi):		0.113
PM (g/veh-mi):		0.119
Release Height (meters):		3.000000
	X (meters):	Y (meters):
Point 1:	-45.00	-2457.00
Point 2:	1844.00	4353.00

Roadway Name: TPK p1	Vehicles per Year:	0
	Hourly Operational Profile:	ROADWAYS
	Daily Operational Profile:	DEFAULT
	Monthly Operational Profile:	DEFAULT
	Average Speed (MPH):	60
	Round Trip Distance (miles):	2.534
	The user has NOT edited the following emission factors.	
	CO (g/veh-mi):	22.320
	HC (g/veh-mi):	2.210
	NOX (g/veh-mi):	3.760
	SOX (g/veh-mi):	0.113
	PM (g/veh-mi):	0.119
	Release Height (meters):	3.000000
	X (meters):	Y (meters):
	Point 1: 4213.00	3777.00
	Point 2: 1803.00	-189.00

Roadway Name: TPK p2	Vehicles per Year:	0
	Hourly Operational Profile:	ROADWAYS
	Daily Operational Profile:	DEFAULT
	Monthly Operational Profile:	DEFAULT
	Average Speed (MPH):	60
	Round Trip Distance (miles):	2.003
	The user has NOT edited the following emission factors.	
	CO (g/veh-mi):	22.320
	HC (g/veh-mi):	2.210
	NOX (g/veh-mi):	3.760
	SOX (g/veh-mi):	0.113
	PM (g/veh-mi):	0.119
	Release Height (meters):	3.000000
	X (meters):	Y (meters):
	Point 1: 3777.00	3397.00
	Point 2: -189.00	-1755.00

Roadway Name: TPK p3	Vehicles per Year:	0
	Hourly Operational Profile:	ROADWAYS
	Daily Operational Profile:	DEFAULT
	Monthly Operational Profile:	DEFAULT
	Average Speed (MPH):	60
	Round Trip Distance (miles):	3.001
	The user has NOT edited the following emission factors.	
	CO (g/veh-mi):	22.320
	HC (g/veh-mi):	2.210
	NOX (g/veh-mi):	3.760
	SOX (g/veh-mi):	0.113
	PM (g/veh-mi):	0.119

	Release Height (meters):		3.000000
		X (meters):	Y (meters):
	Point 1:	3397.00	2829.00
	Point 2:	-1755.00	-4102.00

Roadway Name: TPK p4	Vehicles per Year:	0
	Hourly Operational Profile:	ROADWAYS
	Daily Operational Profile:	DEFAULT
	Monthly Operational Profile:	DEFAULT
	Average Speed (MPH):	60
	Round Trip Distance (miles):	6.122
	The user has NOT edited the following emission factors.	
	CO (g/veh-mi):	22.320
	HC (g/veh-mi):	2.210
	NOX (g/veh-mi):	3.760
	SOX (g/veh-mi):	0.113
	PM (g/veh-mi):	0.119
	Release Height (meters):	3.000000
	X (meters):	Y (meters):
	Point 1: 3397.00	-490.00
	Point 2: -1755.00	-4781.00

Roadway Name: Rt 80 p1	Vehicles per Year:	0
	Hourly Operational Profile:	ROADWAYS
	Daily Operational Profile:	DEFAULT
	Monthly Operational Profile:	DEFAULT
	Average Speed (MPH):	45
	Round Trip Distance (miles):	4.952
	The user has NOT edited the following emission factors.	
	CO (g/veh-mi):	14.630
	HC (g/veh-mi):	2.110
	NOX (g/veh-mi):	2.630
	SOX (g/veh-mi):	0.113
	PM (g/veh-mi):	0.119
	Release Height (meters):	3.000000
	X (meters):	Y (meters):
	Point 1: 4213.00	275.00
	Point 2: 1803.00	2412.00

Roadway Name: Rt 17 p4	Vehicles per Year:	0
	Hourly Operational Profile:	ROADWAYS
	Daily Operational Profile:	DEFAULT
	Monthly Operational Profile:	DEFAULT
	Average Speed (MPH):	45
	Round Trip Distance (miles):	3.470
	The user has NOT edited the following emission factors.	
	CO (g/veh-mi):	14.630
	HC (g/veh-mi):	2.110
	NOX (g/veh-mi):	2.630
	SOX (g/veh-mi):	0.113
	PM (g/veh-mi):	0.119
	Release Height (meters):	3.000000
	X (meters):	Y (meters):
	Point 1: 275.00	-1002.00
	Point 2: 2412.00	4895.00

Roadway Name: Rt 17 p3	Vehicles per Year:	0
	Hourly Operational Profile:	ROADWAYS
	Daily Operational Profile:	DEFAULT
	Monthly Operational Profile:	DEFAULT

Average Speed (MPH):		45
Round Trip Distance (miles):		0.810
The user has NOT edited the following emission factors.		
CO (g/veh-mi):		14.630
HC (g/veh-mi):		2.110
NOX (g/veh-mi):		2.630
SOX (g/veh-mi):		0.113
PM (g/veh-mi):		0.119
Release Height (meters):		3.000000
	X (meters):	Y (meters):
Point 1:	-45.00	275.00
Point 2:	1844.00	2412.00

Roadway Name: Moonachie Av	Vehicles per Year:	0
	Hourly Operational Profile:	ROADWAYS
	Daily Operational Profile:	DEFAULT
	Monthly Operational Profile:	DEFAULT
	Average Speed (MPH):	25
	Round Trip Distance (miles):	2.999
	The user has NOT edited the following emission factors.	
	CO (g/veh-mi):	25.460
	HC (g/veh-mi):	3.010
	NOX (g/veh-mi):	2.500
	SOX (g/veh-mi):	0.113
	PM (g/veh-mi):	0.118
	Release Height (meters):	3.000000
	X (meters):	Y (meters):
	Point 1: -1372.00	800.00
	Point 2: -498.00	-1550.00

Roadway Name: Rt 3	Vehicles per Year:	0
	Hourly Operational Profile:	ROADWAYS
	Daily Operational Profile:	DEFAULT
	Monthly Operational Profile:	DEFAULT
	Average Speed (MPH):	45
	Round Trip Distance (miles):	4.044
	The user has NOT edited the following emission factors.	
	CO (g/veh-mi):	14.630
	HC (g/veh-mi):	2.110
	NOX (g/veh-mi):	2.630
	SOX (g/veh-mi):	0.113
	PM (g/veh-mi):	0.119
	Release Height (meters):	3.000000
	X (meters):	Y (meters):
	Point 1: -3648.00	-490.00
	Point 2: -3995.00	-4781.00

Roadway Name: Industrial Av.	Vehicles per Year:	0
	Hourly Operational Profile:	ROADWAYS
	Daily Operational Profile:	DEFAULT
	Monthly Operational Profile:	DEFAULT
	Average Speed (MPH):	25
	Round Trip Distance (miles):	2.867
	The user has NOT edited the following emission factors.	
	CO (g/veh-mi):	25.460
	HC (g/veh-mi):	3.010
	NOX (g/veh-mi):	2.500
	SOX (g/veh-mi):	0.113
	PM (g/veh-mi):	0.118

Release Height (meters):		0.000000
	X (meters):	Y (meters):
Point 1:	75.00	-1075.00
Point 2:	1800.00	-200.00

Roadway Name:
Rt 17 p2

Vehicles per Year:	0
Hourly Operational Profile:	ROADWAYS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
Average Speed (MPH):	45
Round Trip Distance (miles):	3.345
The user has NOT edited the following emission factors.	
CO (g/veh-mi):	14.630
HC (g/veh-mi):	2.110
NOX (g/veh-mi):	2.630
SOX (g/veh-mi):	0.113
PM (g/veh-mi):	0.119

Release Height (meters):		3.000000
	X (meters):	Y (meters):
Point 1:	-1372.00	-45.00
Point 2:	-498.00	1844.00

Stationary Sources

Category:
Fuel Tank
Type:
JP5/JET A
Identification:
Fuel 1

Kiloliters per Year:	116131.00
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
CO (Kg/Kiloliter):	0.0000
HC (Kg/Kiloliter):	0.0048
NOX (Kg/Kiloliter):	0.0000
SOX (Kg/Kiloliter):	0.0000
PM (Kg/Kiloliter):	0.0000

X (meters):	-250.00	Stack Diameter (meters):	5.00
Y (meters):	600.00	Exhaust Velocity (m/s):	4.00
Z (meters):	5.00		

Category:
Fuel Tank
Type:
Aviation Gasoline
Identification:
Fuel 1A

Kiloliters per Year:	2288.00
Hourly Operational Profile:	AIRCRAFTS
Daily Operational Profile:	DEFAULT
Monthly Operational Profile:	DEFAULT
CO (Kg/Kiloliter):	0.0000
HC (Kg/Kiloliter):	1.0320
NOX (Kg/Kiloliter):	0.0000
SOX (Kg/Kiloliter):	0.0000
PM (Kg/Kiloliter):	0.0000

X (meters):	-250.00	Stack Diameter (meters):	5.00
Y (meters):	600.00	Exhaust Velocity (m/s):	4.00
Z (meters):	5.00		

Gates

Gate Name:	Release Height (meters):		1.50
A	Point #:	X (meters):	Y (meters):
	1	103.00	1040.00

Gate Name:	Release Height (meters):		1.50
B	Point #:	X (meters):	Y (meters):
	1	-103.00	716.00

Gate Name:	Release Height (meters):		1.50
C	Point #:	X (meters):	Y (meters):
	1	-319.00	435.00

Gate Name:	Release Height (meters):		1.50
D	Point #:	X (meters):	Y (meters):
	1	-519.00	209.00

Gate Name:	Release Height (meters):		1.50
E	Point #:	X (meters):	Y (meters):
	1	-272.00	-796.00

Taxiways

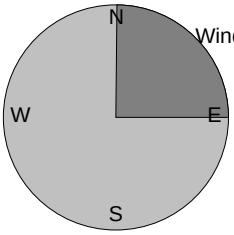
A	Taxiway coordinates (meters):	X	Y
		103.00	1040.00
		263.00	1020.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.20	
B	Taxiway coordinates (meters):	X	Y
		-103.00	716.00
		103.00	1040.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.48	
C	Taxiway coordinates (meters):	X	Y
		263.00	1020.00
		674.00	1007.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.51	
D	Taxiway coordinates (meters):	X	Y
		-319.00	435.00
		-519.00	209.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.38	
E	Taxiway coordinates (meters):	X	Y
		-519.00	209.00
		88.00	-232.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.93	
F	Taxiway coordinates (meters):	X	Y
		88.00	-232.00
		56.00	-1101.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	1.08	

G	Taxiway coordinates (meters):	X	Y
		56.00	-1101.00
		175.00	-1119.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.15	
H	Taxiway coordinates (meters):	X	Y
		-519.00	209.00
		-236.00	11.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.43	
I	Taxiway coordinates (meters):	X	Y
		-236.00	11.00
		-587.00	-310.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.59	
J	Taxiway coordinates (meters):	X	Y
		-587.00	-310.00
		-676.00	-229.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.15	
K	Taxiway coordinates (meters):	X	Y
		-272.00	-796.00
		-303.00	-908.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.14	
L	Taxiway coordinates (meters):	X	Y
		-303.00	-908.00
		58.00	-939.00
	Default Taxi Speed (MPH):	30.00	
	Default Taxi Time (minutes):	0.45	

Runways

1-19	Runway coordinates (meters):	X	Y
	1	175.00	-1119.00
	19	263.00	1020.00
	Queue for 1	174.00	-1118.00
	Queue for 19	262.00	1019.00
	Time in queue at peak (minutes):	15.00	
	Queue time profile:	DEFAULT	
	Queue length profile:	DEFAULT	
9-27	Runway coordinates (meters):	X	Y
	9	-676.00	-229.00
	27	674.00	1007.00
	Queue for 9	-675.00	-228.00
	Queue for 27	673.00	1006.00
	Time in queue at peak (minutes):	15.00	
	Queue time profile:	DEFAULT	
	Queue length profile:	DEFAULT	

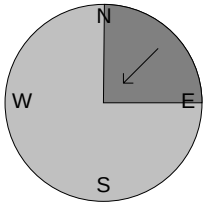
Airport Configurations



Winds from northeast: 2.00 (knots)

Winds from northeast

Wind Angle Range (°): 1 - 90
Minimum Wind Speed (knots): 2.00



No runways assigned.
No taxiways assigned.

Cartesian Receptors

Receptor Name:	X (meters):	Y (meters):	Height (meters):
1	-1472.00	6353.00	1.80
2	1816.00	4958.00	1.80
3	785.00	5516.00	1.80
4	1440.00	5904.00	1.80
5	-356.00	5953.00	1.80
6	-89.00	5055.00	1.80
7	2957.00	4751.00	1.80
8	-2686.00	4958.00	1.80
9	1003.00	4230.00	1.80
10	-1023.00	3611.00	1.80
11	4001.00	4181.00	1.80
12	216.00	4350.00	1.80
13	-1946.00	3174.00	1.80
14	-2431.00	3308.00	1.80
15	202.00	3393.00	1.80
16	-3147.00	3332.00	1.80
17	2848.00	2919.00	1.80
18	4231.00	2870.00	1.80
19	-3948.00	3186.00	1.80
20	1525.00	2591.00	1.80
21	-1715.00	2337.00	1.80
22	-4470.00	1912.00	1.80
23	5918.00	1815.00	1.80
24	-744.00	1512.00	1.80
25	-3366.00	2300.00	1.80
26	-3996.00	2361.00	1.80
27	1039.00	1281.00	1.80
28	-1509.00	1463.00	1.80
29	3127.00	1669.00	1.80
30	-2079.00	31.00	1.80
31	3770.00	613.00	1.80
32	-4299.00	1354.00	1.80
33	-3353.00	892.00	1.80
34	3151.00	456.00	1.80
35	-4373.00	650.00	1.80
36	2168.00	723.00	1.80
37	-5598.00	-139.00	1.80
38	1707.00	-248.00	1.80
39	5275.00	262.00	1.80
40	-3778.00	-18.00	1.80
41	-3475.00	-1219.00	1.80
42	651.00	-976.00	1.80
43	-2528.00	-928.00	1.80

44	5772.00	-539.00	1.80
45	4680.00	-1364.00	1.80
46	-4497.00	1304.00	1.80
47	5275.00	-1911.00	1.80
48	-3705.00	-2165.00	1.80
49	-4664.00	-2432.00	1.80
50	5093.00	-3245.00	1.80
51	-3729.00	-3573.00	1.80
52	3051.00	-6618.00	1.80
53	638.00	-5351.00	1.80

User-Created Aircraft

**My Airplane

Category: HCJP
# of Engines: 2
Flight Profile: A340-300 CFM56-5C4
Times in mode are default EPA values.
Engines Emissions Data Source: TRENT-890

**B737-300

Category: LCTB
# of Engines: 2
Flight Profile: B737-300 CFM56-3-B1
Engine emissions data is user specified.

	Times in Mode (minutes)	Fuel Flow (Kg/s)	Emissions Indices (grams/Kg of fuel burned) CO	HC	NOx	SOx
Approach:	4.50	0.277778	4.026528	0.103910	11.300256	0.701395
Climb Out:	2.20	0.277778	3.240000	0.000000	0.180000	0.000000
Takeoff:	0.50	0.277778	3.700080	0.164448	85.101840	2.220048
Idle:	26.00	0.277778	12.665160	0.586350	1.923228	0.253303

**My Helicopter

Category: HCJH
# of Engines: 2
Engine emissions data is user specified.

	Times in Mode (minutes)	Fuel Flow (Kg/s)	Emissions Indices (grams/Kg of fuel burned) CO	HC	NOx	SOx
Approach:	4.00	0.277778	0.000000	0.000000	1.000000	0.000000
Climb Out:	2.20	0.277778	0.000000	1.000000	0.000000	0.000000
Takeoff:	0.70	0.277778	1.000000	0.000000	0.000000	0.000000
Idle:	26.00	0.277778	0.000000	0.000000	0.000000	1.000000

User-Created GSE

**My Gse

Default Operating Time per LTO (minutes): 7.00
Default Annual Operating Time (hours): 333
Default Power Rating (Horsepower): 425
Default Load Factor: 0.9000

Emissions data is based upon the following system GSE type operating in the specified year.
Gse Type: Air Start, 180 PPM
Operating Year: 2009
Default Fuel: Diesel

**My GSE

Default Operating Time per LTO (minutes): 15.00
Default Annual Operating Time (hours): 0
Default Power Rating (Horsepower): 100
Default Load Factor: 1.0000
Emissions data is user specified.

Emissions Factors (grams/hp-hour):

Fuels	CO	HC	NOx	SOx	PM
Diesel (default)	10.000000	10.000000	10.000000	10.000000	10.000000
Gasoline					
CNG					
LPG					

User-Created APUs

**My APU	Default Operating Time per LTO (minutes):	26.00
	Emissions Data Source:	APU WR27-1

End of Report