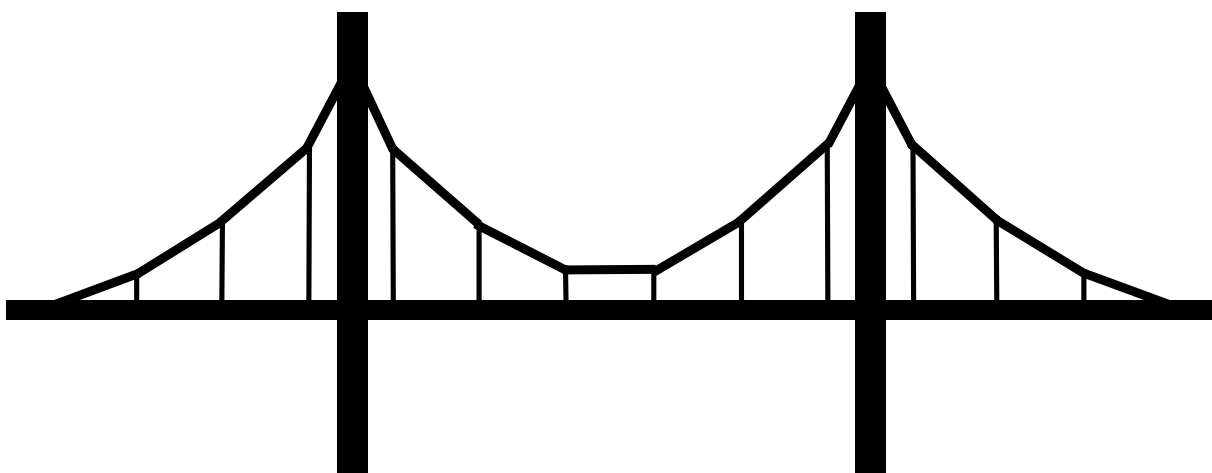


NEW YORK CITY BRIDGE TRAFFIC VOLUMES 2005



The City of New York
Michael R. Bloomberg, Mayor



New York City Department of Transportation
Iris Weinshall, Commissioner

A member of the New York Metropolitan Transportation Council

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New York City Bridge Traffic Volumes 2005

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Introduction

INTRODUCTION

The 2005 *New York City Bridge Traffic Volumes* report is an annual publication prepared by the New York City Department of Transportation (NYCDOT), and funded by the Unified Planning Work Program (UPWP), and the Transportation Equity Act of the 21st Century (TEA-21).

Since 1948, the New York City Department of Transportation (NYCDOT) has monitored traffic flow on 47 bridges operated by the City of New York. This 2005 *New York City Bridge Traffic Volumes* report summarizes vehicular volumes, classification data, and trends for the 47 bridges that cross over water. Volume and trend information also is presented for the nine bridges and tunnels operated by the Metropolitan Transportation Authority Bridges and Tunnels (MTABT), and the six bridges and tunnels operated by the Port Authority of New York and New Jersey (PANYNJ).

All bridges are monitored with automatic traffic recording (ATR) machines. Hourly volumes by direction for each bridge are presented in tabular form. Graphical presentations of the hourly volumes by direction are provided by histograms. Hourly classification data identifies the volumes of automobiles, buses, commuter vans, trucks, and commercial vans for the 7am-7pm time period. A regression analysis of the total daily volumes for each facility for the years 1948-2005 was performed in order to develop trend information. In addition, changes in the traffic volumes for all facilities over the past 57 years are shown in graphical form.

The report presents annual growth rates for each bridge. These growth rates are derived from the linear regression equation, which reflects the best fitting straight line for the data plotted. A more comprehensive analysis of bridges and tunnels serving Manhattan is presented in the *Manhattan River Crossings* report which also is published annually.

The 47 New York City bridges and the MTABT and PANYNJ facilities have been designated a highway functional classification. Functional classification is the process by which streets and highways are grouped into classes, or systems, according to the character of service each roadway provides.

The five functional systems are defined as follows:

1. Interstate - connects population centers across state lines.
2. Principal Arterial - serves major centers of activity of an urban area and carries a high proportion of the total urban area travel on a minimum of mileage.
3. Minor Arterial - interconnects with and augments urban principal arterials; provides service for trips of moderate length at a somewhat lower level of travel mobility than principal arterials; distributes travel to geographic areas smaller than those identified with the higher system.
4. Collector Street - provides both land access service and traffic circulation within residential neighborhoods, and commercial and industrial areas. Differs from the arterial systems in that facilities on the collector system may penetrate residential neighborhoods, distributing trips from arterials to the ultimate destination. Conversely, collector streets also collect traffic from local streets in residential neighborhoods and channel it into the arterial system.

5. Local Street - comprises all facilities not on one of the higher systems. Serves primarily to provide direct access to abutting land and access to the higher order systems. Offers the lowest level of mobility and usually contains no bus or truck routes.

Summary

SUMMARY

2005 Volumes

- In 2005, daily traffic on the 47 bridges operated by the New York City Department of Transportation increased 0.7%, to 2.758 million from 2.739 million in 2004.
- Daily traffic on the four East River bridges decreased 1.8%, to 498,200 in fall 2005 from 507,600 in fall 2004.
- Daily volume using the nine Harlem River bridges increased 1.6%, to 561,400 in 2005 from 552,400 in 2004.
- Daily traffic using the four bridges over Newtown Creek between Queens and Brooklyn increased 1.6%, to 280,200 in 2005 from 275,700 in 2004.
- On the eight bridges in The Bronx, daily traffic increased 1.4%, to 459,100 from 453,000.
- On the ten bridges in Brooklyn, daily traffic decreased 1.3%, to 331,500 from 335,900.
- On the eleven bridges in Queens, daily traffic increased 2.0%, to 560,500 from 549,600.
- Daily traffic on the Fresh Kills Bridge in Staten Island increased 3.3%, to 66,800 from 64,700.
- The most heavily used City-operated water crossing in 2005 was the Kosciuszko Bridge, which carried 198,800 daily vehicles across Newtown Creek between the boroughs of Brooklyn and Queens.
- Other high volume bridges were the Whitestone Expressway Bridge in Queens (191,600 daily vehicles), the Eastern Boulevard Bridge in The Bronx (183,700), the Alexander Hamilton Bridge over the Harlem River between The Bronx and Manhattan (181,600), the Queensboro Bridge over the East River between Manhattan and Queens (178,600), the Mill Basin Bridge on the Belt Parkway in Brooklyn (143,200), and the Brooklyn Bridge over the East River between Brooklyn and Manhattan (132,200).

Major Increases

- On bridges carrying more than 50,000 daily vehicles, the largest percentage increase was on the Third Avenue Bridge over the Harlem River between Manhattan and The Bronx, where daily traffic increased 27.8%, to 60,200 in 2005 from 47,100 in 2004. This increase represents a return to normal volume levels, following major capacity reductions during 2003 and 2004 due to reconstruction activities.
- On bridges carrying fewer than 50,000 daily vehicles, the East 174th Street Bridge in The Bronx had the highest percentage increase (+11.9%).

Major Decreases

- On bridges carrying more than 50,000 daily vehicles, the Willis Avenue Bridge over the Harlem River between Manhattan and The Bronx showed the largest percentage decline (-10.7%).

- On bridges carrying fewer than 50,000 daily vehicles, the Metropolitan Avenue Bridge in Brooklyn showed the largest percentage reduction (-8.9%).

Ten-Year Trends: 1995 - 2005

- Total bridge traffic increased at an average rate of 1.2% per year during this ten-year period, compared to the 0.1% average annual growth rate during the preceding decade. The highest annual growth rates occurred on the Madison Avenue Bridge over the Harlem River between The Bronx and Manhattan (+8.7%), the University Heights Bridge over the Harlem River between The Bronx and Manhattan (+4.8%), and the Hutchinson River Parkway Bridge in The Bronx (+4.0%).
- Traffic on the four toll-free East River bridges increased at an average rate of 0.2% per year, versus an annual rate of decline of 0.5% during the preceding decade. The highest growth rates occurred on the Queensboro and Williamsburg Bridges, +0.7% and +0.9% per year, respectively. Average volume on the Brooklyn and Manhattan Bridges declined, by 0.6% per year on each facility.
- Traffic on the nine toll-free Harlem River bridges increased 0.5% per year, versus an annual rate of decline of 0.2% during the preceding decade. The highest growth rate occurred on the Madison Avenue Bridge, +8.7% per year.
- On the four bridges over Newtown Creek between Brooklyn and Queens, daily traffic increased 1.4% per year, over four times the 0.3% annual growth rate during the preceding decade. The highest growth rate occurred on the Pulaski Bridge, +3.5% per year.
- Daily volume on the eight bridges in the Bronx increased 2.9% per year. The fastest individual facility growth rates were recorded on the Hutchinson River Parkway Bridge (+4.0% annually), the Eastern Boulevard Bridge (+3.7% annually), and the Unionport Bridge (+3.6% annually). Average volume on the Pelham Bridge declined by 3.6% annually.
- Average daily traffic on the ten bridges in Brooklyn increased 0.8% per year, compared to the 1.2% annual growth rate during the preceding ten years. The fastest annual growth rate occurred on the Cropsey Avenue Bridge (+2.8%).
- Traffic on the eleven Queens bridges increased 1.5% per year, three times the 0.5% annual growth rate of the preceding decade. The fastest growth rates occurred on the North Channel Bridge (+3.4% annually), the Midtown Highway Bridge (+2.9% annually), the Rikers Island Bridge (+2.0% annually), and the Whitestone Expressway Bridge (+1.9% annually). Average volume on the Roosevelt Avenue Bridge declined by 1.8% annually.

Historic Trends

- In 1948, traffic on the City-operated bridges was 924,000 daily trips. By 1968, that figure had more than doubled to 1,912,000. In 2005, it stood at 2,758,000 daily trips, nearly three times the 1948 volume.
- Between 1955 and 1965, bridge traffic increased 3.9% per year on the 45 City bridges open during that time. The highest annual growth rates were on the Unionport Bridge in The Bronx (+15.4%), the Pelham Bridge in The Bronx (+10.1%), the City Island Bridge in The Bronx (+9.3%), and the North Channel Bridge in Queens (+8.8%).
- Between 1965 and 1975, bridge traffic increased 0.7% per year on the 46 City bridges open during that time. The Fresh Kills Bridge in Staten Island had the highest annual growth rate

(+11.2%), followed by the Eastchester Bridge in The Bronx (+7.9%), and the Roosevelt Island Bridge in Queens (+6.9%).

- Between 1975 and 1985, total traffic on the 47 City bridges showed an average annual growth rate of 1.7%. The highest individual facility annual growth rates were on the Grand Street Bridge over Newtown Creek between Brooklyn and Queens (+8.4%), the Metropolitan Avenue Bridge in Brooklyn (+7.3%), the Rikers Island Bridge in Queens (+6.3%), and the Fresh Kills Bridge in Staten Island (+5.8%).
- Between 1985 and 1995, bridge traffic grew 0.1% per year on the 47 City bridges. The highest annual growth rates were on the Pelham Bridge in The Bronx (+6.7%), the Rikers Island Bridge in Queens (+5.1%), and the Hunters Point Avenue Bridge in Queens (+4.5%).
- Traffic crossing the Harlem River increased significantly following the opening of the Alexander Hamilton Bridge in 1963. By 1965, daily traffic on the Alexander Hamilton Bridge had exceeded 125,000 vehicles. As a result, traffic on the Harlem River crossings increased 28% between 1962 and 1965.
- Bridge traffic increased steadily in the late 1960s and by 1971 had reached 2,059,000 vehicles per day. This was followed by a downward trend between 1971 and 1979. Daily bridge traffic in 1979 was 65,000 below the 1969 level. Thereafter, bridge traffic increased in most years, with 791,400 more daily vehicles crossing the bridges in 2005 than in 1979.

Major Bridge Reconstruction In 2005

Brooklyn Bridge

Throughout 2005, intermittent lane closures were in effect as follows.

<u>Eastbound:</u>	1:00am - 7:00am	Mon-Fri	1 e/b lane closed intermittently,
	10:00am - 3:00pm	Mon-Fri	1 e/b lane closed intermittently,
	6:00am – 2:00pm	Sat-Sun	1 e/b lane closed intermittently.
<u>Westbound:</u>	11:00pm - 6:00am	Mon-Fri	1 w/b lane closed intermittently,
	1:00am - 7:00am	Sat	1 w/b lane closed intermittently,
	1:00am – 9:00am	Sun	1 w/b lane closed intermittently.

From November 19 to November 23, between 1:00am-6:00am, the southbound FDR Drive exit ramp to the Brooklyn Bridge was closed.

On November 29, between 2:00am-5:00am, the eastbound Brooklyn-Queens Expressway exit ramp to the Brooklyn Bridge was closed.

Manhattan Bridge

Throughout 2005, the following conditions were in effect on the Manhattan Bridge.

- **Bicycle access** was on the north side of the bridge and **pedestrian access** was on the south side of the Manhattan Bridge.
- One or two of the three lanes on the **reversible Lower Roadway** closed.
- **Four peak direction lanes** on weekdays (5:00-10:00am Manhattan-bound, 3:00-9:00pm Brooklyn-bound).

- **Mon-Fri 5:00am - 3:00pm.**
 - Manhattan-bound: 4 lanes: 2 on North Upper Roadway,
2 on Lower Roadway.
 - Brooklyn-bound: 2 lanes on South Upper Roadway.
 - *One Lower Roadway lane closed.*
- **Mon-Fri 3:00pm - 9:00pm.**
 - Manhattan-bound: 2 lanes on North Upper Roadway.
 - Brooklyn-bound: 4 lanes: 2 on South Upper Roadway,
2 on Lower Roadway.
 - *One Lower Roadway lane closed.*

Manhattan Bridge Operation: January 1 – September 9, 2005.

- **Mon-Fri 5:00am - 9:00pm.** See preceding discussion.
- **Mon-Fri 9:00pm - 5:00am.**
 - Manhattan-bound: 2 lanes on North Upper Roadway.
 - Brooklyn-bound: 3 lanes: 2 on South Upper Roadway,
1 on Lower Roadway.
 - *Two Lower Roadway lanes closed.*
- **All other times.**
 - Manhattan-bound: 3-4 lanes: 2 on North Upper Roadway,
1 or 2 on Lower Roadway.
 - Brooklyn-bound: 2 lanes on South Upper Roadway.
 - *One or two Lower Roadway lanes closed.*

Manhattan Bridge Operation: September 10 – September 16, 2005.

- **South Upper Roadway closed 12:01am Saturdays to 5:30am Mondays.**
- **Mon-Fri 5:00am - 9:00pm.** See preceding discussion.
- **Mon-Fri 9:00pm - 5:00am.**
 - Manhattan-bound: 2 lanes on North Upper Roadway.
 - Brooklyn-bound: 3 lanes: 2 on South Upper Roadway,
1 on Lower Roadway.
 - *Two Lower Roadway lanes closed.*
- **12:01am Sat – 5:30am Mon.**
 - Manhattan-bound: 2 lanes on North Upper Roadway,
 - Brooklyn-bound: 3 lanes on Lower Roadway.
 - *South Upper Roadway closed.*

Manhattan Bridge Operation: September 17 – September 30, 2005.

- **South Upper Roadway closed as follows.**
 - 12:01am Saturdays to 5:30am Mondays S. Upper Rdwy closed.
 - 11:00pm-5:00am Mon-Fri Closed as needed.

- **Mon-Fri 5:00am - 9:00pm.** See preceding discussion.
- **Mon-Fri 9:00pm - 11:00pm.**
 - Manhattan-bound: 2 lanes on North Upper Roadway.
 - Brooklyn-bound: 3-4 lanes: 1-2 on South Upper Roadway, 1-2 on Lower Roadway.
 - *One South Upper Roadway lane and/or one Lower Roadway lane closed as needed.*
- **Mon-Fri 11:00pm - 5:00am.**
 - Manhattan-bound: 2 lanes on North Upper Roadway.
 - Brooklyn-bound: 2-4 lanes: 0-2 on South Upper Roadway, 2-3 on Lower Roadway.
 - *One or both South Upper Roadway lanes and/or one Lower Roadway lane closed as needed.*
- **12:01am Sat – 5:30am Mon.**
 - Manhattan-bound: 2 lanes on North Upper Roadway,
 - Brooklyn-bound: 3 lanes on Lower Roadway.
 - *South Upper Roadway closed.*

Manhattan Bridge Operation: October 1 – December 31, 2005.

- **Mon-Fri 5:00am - 9:00pm.** See preceding discussion.
- **Mon-Fri 9:00pm - 5:00am.**
 - Manhattan-bound: 2 lanes on North Upper Roadway.
 - Brooklyn-bound: 3-4 lanes: 2 on South Upper Roadway, 1-2 on Lower Roadway.
 - *One or two Lower Roadway lanes closed.*
- **Sat-Sun.**
 - Manhattan-bound: 3-4 lanes 2 on North Upper Roadway, 1-2 on Lower Roadway.
 - Brooklyn-bound: 2 lanes on South Upper Roadway,
 - *One or two Lower Roadway lanes closed.*

Queensboro Bridge

Throughout 2005, **trucks** were permitted only on the two Lower Inner Roadways.

Throughout 2005, a **High Occupancy Vehicle (HOV) facility** was in effect on the Queensboro Bridge. The normally Queens-bound South Upper Roadway was reversed between 6:00am and 10:00am on weekdays to accommodate Manhattan-bound HOVs (no trucks) carrying two or more occupants.

Throughout 2005, the one-lane South Outer Roadway was closed intermittently weeknights from 1:00am to 6:00am, and Saturdays from 1:00am to 7:00am.

On Tuesday-Wednesday, March 8-9, the North Inner Roadway was closed from 1:00am to 5:30am, and Manhattan-bound trucks were banned from the bridge.

On Thursday, October 20, the South Upper Roadway was closed from 12:01am to 5:30am.

From October 22 to December 31, the South Upper Roadway was closed intermittently Sunday nights to Friday mornings between 1:00am and 5:30am.

From June 18 to June 30, the North Upper Roadway entrance from Queens Plaza South at 11th Street was closed overnight Sunday nights to Saturday mornings from 10:00pm to 5:00am.

From November 7 to November 11, the South Inner Roadway to Queens was closed from 1:00am to 5:30am, and Queens-bound trucks were banned from the bridge.

Queensboro Bridge Operation: All of 2005.

- North Inner Roadway: W/B all times; W/B trucks required to use this roadway.
- South Inner Roadway: E/B all times; E/B trucks required to use this roadway.
- North Upper Roadway: W/B all times.
- South Upper Roadway: Closed for reversal 5:30-6:00am weekdays,
W/B HOVs 6:00-10:00am weekdays,
Closed for reversal 10:00-11:00am weekdays,
E/B all other times.
- North Outer Roadway: Bicyclists and pedestrians all times.
- South Outer Roadway: E/B all times (passenger cars only).

Throughout 2005, there were additional intermittent closings of single lanes on individual roadways of the Queensboro Bridge during off-peak hours.

Williamsburg Bridge

From November 14 to November 17, on weekdays, one of two lanes on the westbound Brooklyn-Queens Expressway exit ramp to the Williamsburg Bridge was closed between 10:00pm-5:00am, with full closures of the ramp between 1:00am-5:00am.

Williamsburg Bridge Operation: All 2005.

- **Four peak direction lanes available on weekdays.**
- **North foot walk open for pedestrians and bicyclists; south foot walk closed.**
- **South Inner and South Outer Roadways both closed overnight as follows.**
 - 02/28-03/04: 10:00pm - 5:00am Mon-Fri.
 - 07/25-07/29: 10:00pm - 5:00am Mon-Fri.
 - *Two lanes each way open on the north roadways during these times.
Eastbound trucks banned from the bridge during these times.*
- **Mon-Fri Midnight - 5:00am.**
 - Manhattan-bound: 3 lanes. *One lane closed in*
 - Brooklyn-bound: 3 lanes. *each direction.*
- **Mon-Fri 5:00am - 10:00am.**
 - Manhattan-bound: 4 lanes. *Two lanes closed in*
 - Brooklyn-bound: 2 lanes. *the off-peak direction.*

- **Mon-Fri 10:00am - 3:00pm.**
 Manhattan-bound: 3 lanes. *1 westbound lane closed,*
 Brooklyn-bound: 2 lanes. *2 eastbound lanes closed.*
- **Mon-Fri 3:00pm – Midnight.**
 Manhattan-bound: 4 lanes.
 Brooklyn-bound: 4 lanes.
- **Sat-Sun 1:00am - 8:00am.**
 Manhattan-bound: 3 lanes. *One lane closed in*
 Brooklyn-bound: 3 lanes. *each direction.*
- **All other times.**
 Manhattan-bound: 4 lanes.
 Brooklyn-bound: 4 lanes.

Broadway Bridge

From January 1 to June 17, one of three lanes in each direction on the Broadway Bridge was closed round-the-clock.

Macombs Dam Bridge

There were intermittent closures of one of two lanes in each direction on the Macombs Dam Bridge and the 155th Street viaduct as follows.

All 2005:	10:00am - 3:00pm	Mon-Fri.	<i>No closures within two hours of Yankee home games.</i>
	10:00pm - 6:00am	Mon-Fri.	
	12:01am - 8:00am	Sat.	
	1:00am - 9:00am	Sun.	

Full closures of the Macombs Dam Bridge also occurred (as required) during the following times.

All 2005:	12:01am - 5:00am	Mon-Fri.	<i>No closures within two hours of Yankee home games.</i>
	1:00am - 6:00am	Sat-Sun.	

Madison Avenue Bridge

Throughout 2005, lane closures were in effect as necessary on the Madison Avenue Bridge as follows:

Eastbound:	7:00am - 3:00pm	Mon-Fri.	1 E/B lane closed intermittently.
	11:00pm - 5:00am	Mon-Fri.	1 E/B lane closed intermittently.
	7:00am - 3:00pm	Sat-Sun.	1 E/B lane closed intermittently.
	<i>No lane closures during Yankee home games.</i>		

Westbound:	10:00am - 4:00pm	Mon-Fri.	1 W/B lane closed intermittently.
	11:00pm - 5:00am	Mon-Fri.	1 W/B lane closed intermittently.
	7:00am - 3:00pm	Sat-Sun.	1 W/B lane closed intermittently.
	<i>No lane closures during Yankee home games.</i>		

Third Avenue Bridge (Harlem River)

From January 1 to February 11, two of the four Manhattan-bound lanes were closed for long term bridge rehabilitation. During this time, the Bruckner Blvd. approach was also closed.

On weekdays between 6:00-10:00am, Manhattan-bound passenger cars were accommodated in a reverse lane on the Willis Avenue Bridge.

A third lane on the bridge was also closed as follows, leaving only one operational lane.

01/01-02/11: 12:01am - 5:00am All Days. 3rd lane closed intermittently.

Throughout 2005, the Third Avenue Bridge was completely closed as needed according to the following schedule.

12:01am - 5:00am Mon-Fri. and 1:00am - 6:00am Sat-Sun.

Full closures as needed, with one lane reversed to Manhattan-bound on the Willis Avenue Bridge. No full closures during NY Yankee home night games.

From February 12 to December 31, there were additional intermittent closings of one of the four lanes on the Third Avenue Bridge during off-peak hours.

Washington Bridge

From January 1 to April 1, intermittent lane closures were in effect as follows.

7:00am - 3:00pm Mon-Fri 1 of 3 westbound lanes closed intermittently.

9:00am - 3:00pm Mon-Fri 1 of 3 eastbound lanes closed intermittently.

6:00am - 2:00pm Sat-Sun 1 of 3 lanes in each direction closed intermittently.

Willis Avenue Bridge

From January 1 to February 11, one lane was reversed to Manhattan-bound between 6:00-10:00am weekdays to accommodate traffic (passenger cars only) from the Third Avenue Bridge reconstruction. Direct access to the reversal lane was available from southbound Major Deegan Expressway (Exit 2), and from local streets via East 134th Street. Passenger cars using the reversal lane exited at First Avenue and 125th Street in Manhattan, and could turn left for access to southbound FDR Drive, or right for access to local streets. During these hours, there were two Bronx-bound lanes open (one lane from the First Avenue approach and one lane from the FDR Drive approach).

The reversal of one lane to Manhattan-bound was also in effect during full closures of the Third Avenue Bridge.

The First Avenue approach and two of the four lanes on the Willis Avenue Bridge were closed as follows.

05/14-05/16: 12:01am Saturday - 5:00am Monday.

05/21-05/23: 12:01am Saturday - 5:00am Monday.

06/04-06/05: 12:01am Saturday - 11:00am Sunday.

07/16-07/17: 12:01am Saturday - Noon Sunday.

08/20-08/21: 12:01am Saturday - Noon Sunday.

09/17-09/18: 12:01am Saturday - Noon Sunday.

The ramp to the Willis Avenue Bridge from the northbound FDR Drive was partially closed as follows;

07/30-08/06: 11:00pm - 5:30am Mon-Fri,
12:01am - 6:30am Sat,
1:00am - 11:00am Sun.

One 12-foot wide traffic lane maintained on the ramp.

Throughout 2005, there were additional intermittent closings of one of the four lanes on the Willis Avenue Bridge during off-peak hours.

145th Street Bridge

There were intermittent closures of one of two eastbound lanes as follows.

01/01-07/31 and 08/08-12/31: 7:00am - 3:00pm Mon-Fri.
No lane closures during Yankee home games.

There were intermittent closures of one of two westbound lanes as follows.

01/01-07/31 and 08/08-12/31: 9:00am - 5:30pm Mon-Fri.
No lane closures during Yankee home games.

The South Roadway was closed round-the-clock from 7:00pm, July 31, to 5:00am, August 8. During this period, one lane in each direction was maintained on the North Roadway.

Kosciuszko Bridge

Lane closures were in effect on the Kosciuszko Bridge as follows.

07/21-11/18:	10:00pm - 5:00am	Mon-Fri	1 lane each way closed.
	12:01am - 5:00am	Tue-Fri	2 lanes each way closed.
	12:01am - 8:00am	Sat	1 westbound lane closed.
	1:00am - 6:00am	Sat	2 westbound lanes closed.
	12:01am - 10:30am	Sun	1 westbound lane closed.
	1:00am - 8:00am	Sun	2 westbound lanes closed.

Eastern Boulevard Bridge

From January 1 to April 22, lane closures were in effect on the main roadway of the Eastern Boulevard Bridge (Bruckner Expressway) according to the following schedule.

10:00am - 3:00pm Mon-Fri 1 lane each way closed as needed.

From November 14 to November 16, just east of the bridge, the service roadway (Bruckner Boulevard) was closed between 10:00pm and 5:00am.

From November 16 to November 18, just east of the bridge, the main roadway (Bruckner Expressway) was closed between 10:00pm and 5:00am.

Unionport Bridge

There is a permanent one-lane closure on the eastbound service road from the northbound Bruckner Expressway exit ramp to the Unionport Bridge.

Carroll Street Bridge

The Carroll Street Bridge was closed as follows:

08/13-09/16:	9:00am -3:00pm	Mon-Fri.
09/24-09/30:	10:00am -2:00pm	Mon-Fri.
10/03-10/04:	10:00am -2:00pm	Tue-Wed.

Hamilton Avenue Bridge

Throughout 2005, there were intermittent closures of single lanes in both directions during off-peak hours.

From November 7 to November 11, there were closures of half the bridge between 11:00pm and 5:00am. During these times, two-way traffic was maintained on the open half of the bridge.

Metropolitan Avenue Bridge

Throughout 2005, the Metropolitan Avenue Bridge was under rehabilitation, with one lane maintained in each direction.

Full closures of the bridge occurred according to the following schedule.

11:00pm September 28 - 6:00am September 29	Bridge fully closed.
11:00pm October 5 - 6:00am October 6	Bridge fully closed.
10/17-10/21: 11:00pm - 6:00am Weekdays	Bridge fully closed.
9:00pm October 21- 5:00am October 24	Bridge fully closed.
11/12-12/31: 10:00pm - 5:00am All days	Intermittent full closures.

Mill Basin Bridge

Lane closures were in effect on the Mill Basin Bridge as follows.

05/09-05/13: 10:00am -2:00pm	Mon-Fri	1 eastbound lane closed.
05/23-05/27: 10:00pm -5:00am	Mon-Fri	2 westbound lanes closed.

From January 1 to June 24, from October 29 to November 25, and from December 17 to December 23, there were intermittent closures of single lanes in both directions on the Belt Parkway in the vicinity of the Mill Basin Bridge during off-peak hours.

Ninth Street Bridge

During 2005, there were occasional overnight closures of the Ninth Street Bridge between 10:00pm and 5:00am to facilitate repairs and testing.

Roosevelt Avenue Bridge

Lane closures were in effect according to the following schedule..

04/16-06/03:	10:00am - 3:00pm	Weekdays	2 lanes each way closed intermittently.
	7:00pm - 6:00am	Weekdays	2 lanes each way closed intermittently.
	7:00pm Friday- 6:00am Monday		2 lanes each way closed intermittently.
	<i>No closures during NY Mets home baseball games.</i>		
07/09-07/29:	10:00am - 3:00pm	Weekdays	1 lane each way closed.

Roosevelt Island Bridge

From January 1 to January 21, only one lane was maintained in each direction at all times.

Whitestone Expressway Bridge

Throughout 2005, intermittent lane closures were in effect on the Whitestone Expressway between the Whitestone Expressway Bridge and the Bronx-Whitestone Bridge according to the following schedule.

All 2005:	10:00am - 3:00pm	Mon-Fri	1 lane closed intermittently each way.
	10:00pm - 5:00am	Mon-Fri	1 lane closed intermittently each way.
	10:00pm Fri - 6:00am Sat		1 lane closed intermittently each way.
	10:00pm Sat - 11:00am Sun		1 lane closed intermittently each way.
	1:00am - 5:00am	Tue-Fri	2 lanes closed intermittently each way.
	1:00am - 6:00am	Sat	2 lanes closed intermittently each way.
	2:00am - 9:00am	Sun	2 lanes closed intermittently each way.

Brooklyn-Battery Tunnel

Throughout 2005, the inbound **exit to Trinity Place** was closed weekdays between 6:00-10:00am, and between 3:00-7:00pm.

One of the two tubes was closed intermittently according to the following schedule.

01/01-04/08:	9:00pm - 5:00am	Sunday nights to Friday mornings,
	11:00pm - 11:00am	Friday nights to Saturday mornings.
	<i>One tube closed intermittently.</i>	
	<i>Two-way traffic maintained in the other tube during these closures.</i>	
04/09-12/16:	9:00pm - 5:00am	Sunday nights to Friday mornings,
	11:00pm Friday - 5:00am Monday.	
	<i>One tube closed intermittently.</i>	
	<i>Two-way traffic maintained in the other tube during these closures.</i>	
12/16-12/31:	9:00pm - 5:00am	Sunday nights to Friday mornings,
	<i>One tube closed intermittently.</i>	
	<i>Two-way traffic maintained in the other tube during these closures.</i>	

Henry Hudson Bridge

Northbound (upper level) lane closures were in effect during 2005 according to the following schedule.

01/01-11/25: Round-the-clock All days 1 of 3 northbound lanes closed.

Southbound (lower level) lane closures were in effect during 2005 according to the following schedule.

01/01-11/25: Round-the-clock All days 1 of 4 southbound lanes closed.

Queens-Midtown Tunnel

Throughout 2005, there were intermittent closures of single lanes in both directions during off-peak hours.

Triborough Bridge

Lane closures were in effect on the Harlem River lift span according to the following schedule.

01/01-12/16: 9:30am - 3:00pm Mon-Fri 1 Manhattan-bound lane closed.
Round-the-clock. All Days 1 Brx/Qns-bound lane closed.

12/17-12/31: 10:00am -2:30pm Mon-Fri 1 Manhattan-bound lane closed.
7:00am – 2:30pm. Mon-Fri 1 Brx/Qns-bound lane closed.

Lane closures were in effect on the main span according to the following schedule.

12/17-12/31: 5:00am - 3:00pm Mon-Fri 1 westbound lane closed.
9:00pm – 5:00am. Mon-Fri 2 westbound lanes closed.

Throughout 2005, one of two lanes on the southbound Bruckner Expressway approach to the bridge was closed round-the-clock.

Bronx-Whitestone Bridge

From May 31 to December 31, one lane was closed on the bridge at all times, with five lanes remaining open to traffic. On weekdays, between 6:00-10:00am, three northbound and two southbound lanes were maintained; between 3:00-10:00pm, three southbound and two northbound lanes were maintained.

Throughout 2005, there were additional intermittent closures of single lanes on the Bronx-Whitestone Bridge during off-peak hours.

Marine Parkway Bridge

Throughout 2005, one lane in each direction was closed round-the-clock, and wide loads were prohibited from the bridge.

Throgs Neck Bridge

Throughout 2005, there were intermittent closures of single lanes on the Throgs Neck Bridge during off-peak hours.

Verrazano-Narrows Bridge

Throughout 2005, **trucks** were required to use the upper level.

Westbound lane closures were in effect on the Verrazano-Narrows Bridge according to the following schedule.

All 2005:	7:00am - 2:00pm	Mon-Thu	2 w/b lower level lanes and 1 w/b upper level lane closed intermittently.
	7:00am - 1:00pm	Fri	2 w/b lower level lanes and 1 w/b upper level lane closed intermittently.

The **eastbound lower roadway** was closed to facilitate bridge painting according to the following schedule.

02/26-12/31 10:00pm – 6:00am Weeknights.

Throughout 2005, there were additional intermittent closures of single lanes in both directions on the Verrazano-Narrows Bridge roadways during off-peak hours.

George Washington Bridge

Throughout 2005, **trucks** were required to use the upper level.

The westbound upper level was completely closed as follows:

07/11-08/26:	11:00pm - 5:00am	Mon-Fri.	w/b upper level closed.
07/16-08/27:	12:01am - 8:00am	Sat.	w/b upper level closed.

From 10:00pm Friday, September 30, to 10:00am Saturday, October 1, three of the four Upper Level lanes in each direction were closed. During the working hours, there were intermittent full roadway closures in both directions as the beams were removed. Also, the Henry Hudson Parkway and Harlem River Drive ramps were diverted to the Lower Level; the 179th Street ramp was closed from 10:30pm to 5:00am; and the Palisades Parkway entrance was closed, with traffic diverted to the Lower Level through local streets.

Throughout 2005, there were additional intermittent closures of single lanes on the various George Washington Bridge roadways and ramps during off-peak hours.

Holland Tunnel

Throughout 2005, all eastbound (to Manhattan) commercial traffic was banned from the tunnel.

Throughout 2005, the tunnel was open westbound to New Jersey for two-axle and three-axle single unit trucks. Tractor trailers, and single unit trucks with more than three axles, were not permitted.

Westbound (to New Jersey) lane closures were in effect in the Holland Tunnel as follows.

01/01-11/11:	10:30pm - 5:30am	Mon-Fri.	1 w/b lane closed.
	1:00am - 7:00am	Sat.	1 w/b lane closed.
11/12-12/31:	10:30pm - 5:30am	Mon-Fri.	1 w/b lane closed.
	12:01am - 8:00am	Sat.	1 w/b lane closed.

Lincoln Tunnel

One of the three tubes of the Lincoln Tunnel was closed as follows.

01/01-11/11:	11:00pm - 5:00am	Mon-Fri.	<i>Two tubes open, providing two traffic lanes in each direction.</i>
	12:01am - 8:00am	Sat-Sun.	
11/12-12/31:	11:00pm - 5:00am	Mon-Fri.	<i>Two tubes open, providing two traffic lanes in each direction.</i>
	1:00am - 9:00am	Sat.	
	1:00am - 10:00am	Sun.	

Bayonne Bridge

Throughout 2005, one of the two lanes in each direction was closed intermittently on weekdays between 6:30am and 4:00pm.

Goethals Bridge

From January 1 to March 6, there were intermittent closures of one of the two lanes in either or both directions during off-peak hours.

The Goethals Bridge was completely **closed westbound to New Jersey** as follows:

03/07-11/30:	9:30pm - 5:00am	Mon-Fri,
	11:59pm Friday - 8:00am	Saturday.

No closures on Saturday nights, Sunday nights, or holiday weekends.

Bridges Maintained by the New York City Department of Transportation

Number	Bridge Name	Borough	Water Crossing
1.	Brooklyn Bridge	Manhattan-Brooklyn	East River
2.	Manhattan Bridge	Manhattan-Brooklyn	East River
3.	Williamsburg Bridge	Manhattan-Brooklyn	East River
4.	Queensboro Bridge	Manhattan-Queens	East River
5.	Willis Avenue Bridge	Manhattan-Bronx	Harlem River
6.	Third Avenue Bridge	Manhattan-Bronx	Harlem River
7.	Madison Avenue Bridge	Manhattan-Bronx	Harlem River
8.	145th Street Bridge	Manhattan-Bronx	Harlem River
9.	Macombs Dam Bridge	Manhattan-Bronx	Harlem River
10.	Alexander Hamilton Bridge	Manhattan-Bronx	Harlem River
11.	Washington Bridge	Manhattan-Bronx	Harlem River
12.	University Heights Bridge	Manhattan-Bronx	Harlem River
13.	Broadway Bridge	Manhattan-Bronx	Harlem River
14.	Eastern Boulevard Bridge	Bronx	Bronx River
15.	Westchester Avenue Bridge	Bronx	Bronx River
16.	East 174th Street Bridge	Bronx	Bronx River
17.	Unionport Bridge	Bronx	Westchester Creek
18.	City Island Bridge	Bronx	Pelham Bay Narrows
19.	Pelham Bridge	Bronx	Eastchester Creek
20.	Hutchinson River Parkway Bridge	Bronx	Eastchester Creek
21.	Eastchester Bridge	Bronx	Eastchester Creek
22.	Mill Basin Bridge	Brooklyn	Mill Basin
23.	Stillwell Avenue Bridge	Brooklyn	Coney Island Creek
24.	Cropsey Avenue Bridge	Brooklyn	Coney Island Creek
25.	Hamilton Avenue Bridge	Brooklyn	Gowanus Canal
26.	Ninth Street Bridge	Brooklyn	Gowanus Canal
27.	Third Street Bridge	Brooklyn	Gowanus Canal
28.	Carroll Street Bridge	Brooklyn	Gowanus Canal
29.	Union Street Bridge	Brooklyn	Gowanus Canal
30.	Third Avenue Bridge	Brooklyn	Fifth Street Basin
31.	Metropolitan Avenue Bridge	Brooklyn	English Kills
32.	Grand Street Bridge	Brooklyn-Queens	Newtown Creek
33.	Kosciuszko Bridge	Brooklyn-Queens	Newtown Creek
34.	Greenpoint Avenue Bridge	Brooklyn-Queens	Newtown Creek
35.	Pulaski Bridge	Brooklyn-Queens	Newtown Creek
36.	Borden Avenue Bridge	Queens	Dutch Kills
37.	Midtown Highway Bridge	Queens	Dutch Kills
38.	Hunters Point Avenue Bridge	Queens	Dutch Kills
39.	Roosevelt Island Bridge	Queens	East River East Channel
40.	Rikers Island Bridge	Queens	Rikers Island Channel
41.	Roosevelt Avenue Bridge	Queens	Flushing River
42.	Flushing Bridge	Queens	Flushing Channel
43.	Whitestone Expressway Bridge	Queens	Flushing Channel
44.	Little Neck Bridge	Queens	Alley Creek
45.	Hook Creek Bridge	Queens	Hook Creek
46.	North Channel Bridge	Queens	Jamaica Bay
47.	Fresh Kills Bridge	Staten Island	Richmond Creek

Total NYC Toll Free Bridges
Average Daily Traffic Volumes
1948 - 2005

<i>Year</i>	<i>East River</i>	<i>Harlem River</i>	<i>Brooklyn-Queens</i>	<i>Bronx</i>
1948	254,068	207,177	76,884	141,247
1949	260,933	193,510	65,778	135,682
1950	240,227	222,671	78,998	150,973
1951	269,352	249,199	95,480	145,227
1952	261,704	222,196	108,369	183,453
1953	292,726	248,629	108,718	177,999
1954	297,903	236,056	118,199	183,057
1955	293,633	250,239	116,018	180,249
1956	297,866	266,781	120,881	197,809
1957	297,028	316,530	137,610	184,031
1958	304,470	329,747	110,097	196,948
1959	312,431	342,349	144,137	188,531
1960	322,660	345,199	135,059	205,757
1961	316,813	333,463	145,861	259,905
1962	318,170	313,230	160,540	263,020
1963	333,880	309,090	160,400	291,240
1964	341,030	407,680	172,570	328,190
1965	353,518	401,259	171,379	351,358
1966	355,745	402,487	198,884	354,029
1967	352,936	427,744	197,695	337,982
1968	357,232	362,095	147,024	389,519
1969	379,416	412,992	199,029	378,854
1970	371,743	429,690	194,709	366,604
1971	364,070	432,195	200,624	391,040
1972	390,292	422,364	200,199	345,542
1973	394,290	449,670	168,037	272,116
1974	394,631	439,112	180,771	282,009
1975	404,379	440,354	194,534	284,772
1976	398,248	429,629	190,701	280,315
1977	398,140	442,200	192,432	268,480
1978	400,146	450,758	194,721	301,248
1979	382,028	427,816	201,314	277,666
1980	392,460	446,292	196,019	284,383
1981	395,125	448,323	201,487	287,933
1982	414,984	470,785	179,788	291,600
1983	413,152	491,153	221,703	301,686
1984	428,541	496,949	224,209	306,019
1985	476,032	538,263	225,050	311,072
1986	469,711	546,896	224,816	356,257
1987	460,092	530,228	238,975	362,490
1988	460,858	520,282	222,871	364,570
1989	461,102	539,381	239,889	354,927
1990	448,713	539,563	243,408	343,574
1991	447,969	533,368	236,472	338,921
1992	443,145	537,353	231,197	343,744
1993	431,874	542,306	230,020	336,776
1994	448,263	526,044	231,657	340,515
1995	464,903	521,882	237,305	348,009
1996	463,482	530,950	239,752	361,505
1997	511,410	546,750	258,585	362,846
1998	523,690	560,062	268,324	392,771
1999	516,507	563,182	266,762	403,934
2000	514,767	578,770	279,944	424,946
2001	427,321	568,759	276,288	439,239
2002	467,080	551,831	262,121	437,363
2003	493,418	549,510	275,737	448,186
2004	507,589	552,421	275,654	453,006
2005	498,213	561,392	280,189	459,149

Total NYC Toll Free Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2005

<i>Year</i>	<i>Brooklyn</i>	<i>Queens</i>	<i>Staten Island</i>	<i>Totals</i>
1948	91,917	147,106	5,597	923,996
1949	111,439	173,925	5,759	947,026
1950	122,058	180,610	6,250	1,001,787
1951	140,124	200,163	8,023	1,107,568
1952	127,050	212,687	7,891	1,123,350
1953	141,728	220,866	7,858	1,198,524
1954	154,877	221,700	9,098	1,220,890
1955	140,907	218,696	9,841	1,209,583
1956	157,758	265,239	9,415	1,315,749
1957	153,756	261,111	9,897	1,359,963
1958	179,537	256,536	10,121	1,387,456
1959	176,508	264,201	8,573	1,436,730
1960	181,995	259,348	8,147	1,458,165
1961	207,273	265,848	10,270	1,539,433
1962	217,232	257,140	9,400	1,538,732
1963	210,610	288,190	12,450	1,605,860
1964	213,469	312,090	15,010	1,790,039
1965	241,570	310,588	15,539	1,845,211
1966	223,516	313,379	17,175	1,865,215
1967	211,307	354,637	17,309	1,899,610
1968	248,667	387,512	19,789	1,911,838
1969	251,115	387,146	22,379	2,030,931
1970	238,020	400,381	21,631	2,022,778
1971	241,116	402,853	26,744	2,058,642
1972	240,091	387,808	28,455	2,014,751
1973	226,608	407,538	37,213	1,955,472
1974	240,762	403,573	36,207	1,977,065
1975	234,623	390,507	38,684	1,987,853
1976	237,416	387,662	34,675	1,958,646
1977	228,117	387,403	30,295	1,947,067
1978	226,627	410,037	34,467	2,018,004
1979	247,018	393,749	36,806	1,966,397
1980	242,682	384,581	41,604	1,988,021
1981	240,109	432,886	46,947	2,052,810
1982	258,284	439,128	68,481	2,123,050
1983	253,358	446,926	46,450	2,174,428
1984	274,583	449,118	50,341	2,229,760
1985	275,566	450,396	53,590	2,329,969
1986	271,818	456,171	44,230	2,369,899
1987	271,080	466,965	50,372	2,380,202
1988	281,731	473,735	50,385	2,374,432
1989	299,865	461,819	36,550	2,393,533
1990	320,122	450,319	53,442	2,399,141
1991	273,185	466,539	49,197	2,345,651
1992	310,084	484,835	48,507	2,398,865
1993	308,495	467,195	49,969	2,366,635
1994	302,135	478,793	48,562	2,375,969
1995	300,832	474,342	47,132	2,394,405
1996	315,395	495,873	49,740	2,456,697
1997	318,101	503,323	51,738	2,552,753
1998	322,057	522,899	53,770	2,643,573
1999	338,261	541,114	65,577	2,695,337
2000	331,090	551,329	66,980	2,747,826
2001	335,404	551,116	67,465	2,665,592
2002	329,749	554,458	64,563	2,667,165
2003	331,805	562,107	66,155	2,726,918
2004	335,921	549,619	64,705	2,738,915
2005	331,523	560,520	66,816	2,757,802

NYC Tolled Facilities
Average Daily Traffic Volumes
1948 - 2005

<i>Year</i>	<i>MTABT Manhattan</i>	<i>PANYNJ Manhattan</i>	<i>MTABT Outer Boro</i>	<i>PANYNJ Staten Is</i>	<i>Total</i>
1948	92,977	115,785	80,977	13,214	302,953
1949	110,071	129,943	97,117	14,628	351,759
1950	161,856	146,653	109,454	16,431	434,394
1951	180,272	166,150	124,391	18,335	489,148
1952	194,327	181,253	133,747	19,143	528,470
1953	200,535	194,577	143,873	20,598	559,583
1954	204,616	202,394	153,811	21,554	582,375
1955	216,835	211,926	167,176	22,685	618,622
1956	231,535	213,088	176,644	22,202	643,469
1957	236,343	218,623	176,042	22,614	653,622
1958	232,413	221,494	174,187	21,953	650,047
1959	231,501	237,021	183,224	22,978	674,724
1960	230,768	239,620	184,606	22,856	677,850
1961	227,241	236,833	144,600	25,374	634,048
1962	233,010	250,646	199,418	26,338	709,412
1963	225,100	265,603	213,940	27,398	732,041
1964	236,513	285,824	236,709	29,980	789,026
1965	240,949	293,339	301,459	44,828	880,575
1966	243,107	303,981	316,984	50,978	915,050
1967	244,038	308,153	329,918	54,051	936,160
1968	247,924	320,292	352,823	58,654	979,693
1969	254,863	329,123	365,734	63,053	1,012,773
1970	271,063	347,838	384,121	68,920	1,071,942
1971	286,692	362,063	401,495	74,758	1,125,008
1972	252,871	378,620	388,743	77,018	1,097,252
1973	251,593	397,203	402,096	81,034	1,131,926
1974	242,846	376,547	395,168	80,544	1,095,105
1975	214,120	374,707	381,450	81,060	1,051,337
1976	217,207	381,250	382,313	80,864	1,061,634
1977	229,766	385,013	384,470	85,536	1,084,785
1978	241,125	399,512	398,634	88,998	1,128,269
1979	251,544	393,724	395,516	92,164	1,132,948
1980	255,858	404,734	399,855	97,774	1,158,221
1981	269,854	427,381	417,974	101,644	1,216,853
1982	253,499	433,744	432,273	106,672	1,226,188
1983	263,510	441,164	446,596	113,786	1,265,056
1984	262,985	453,775	457,565	118,928	1,293,253
1985	275,858	468,452	475,782	126,466	1,346,558
1986	274,693	485,751	475,218	138,436	1,374,098
1987	289,642	486,639	482,429	139,734	1,398,444
1988	293,550	490,179	494,073	143,062	1,420,864
1989	275,358	487,693	475,447	140,051	1,378,549
1990	289,066	482,243	488,042	138,340	1,397,691
1991	295,265	467,501	488,953	141,454	1,393,173
1992	300,203	476,872	491,171	145,380	1,413,626
1993	282,159	473,069	478,703	140,775	1,374,706
1994	263,351	473,799	490,288	143,875	1,371,313
1995	293,574	482,098	498,104	143,657	1,417,433
1996	281,116	493,194	493,813	146,565	1,414,688
1997	283,686	504,788	488,923	151,578	1,428,975
1998	293,990	522,512	515,970	156,786	1,489,258
1999	303,966	549,352	522,677	166,890	1,542,885
2000	313,504	548,465	537,334	164,668	1,563,971
2001	257,937	458,944	551,948	177,251	1,446,080
2002	305,300	532,839	554,237	179,140	1,571,516
2003	307,034	547,449	547,068	174,582	1,576,133
2004	312,159	536,396	559,962	174,268	1,582,785
2005	297,411	527,717	530,284	171,653	1,527,065

PANYNJ one-way tolls initiated 8/12/1970

PANYNJ toll increases May 1975, January 1984, April 1987, April 1991, March 2001

MTABT toll increases 1/72, 9/75, 5/80, 4/82, 1/84, 1/86, 2/87, 7/89, 1/93, 3/96, 5/03, & 3/05

N.Y.C. Bridges 2005
7am-7pm Vehicle Classification
Both Directions
Page 1 of 2

EAST RIVER BRIDGES	Autos	Buses	Commuter		Commercial		Total
			Vans	Trucks	Vans	Trucks	
Brooklyn	72,151	247	2,751	50	3,065		78,264
Manhattan	22,044	1,116	4,566	11,079	7,783		46,588
Queensboro	79,787	2,202	5,629	5,597	9,754		102,969
Williamsburg	41,166	1,173	9,841	6,303	5,056		63,539
Total East River	215,148	4,738	22,787	23,029	25,658		291,360

HARLEM RIVER BRIDGES

Alexander Hamilton	85,879	268	2,334	14,789	3,206		106,476
Broadway	22,940	724	370	716	884		25,634
Macombs Dam	22,939	347	282	1,143	2,014		26,725
Madison Avenue	25,947	1,401	1,334	1,546	1,940		32,168
Third Avenue	29,679	745	2,446	2,925	2,737		38,532
University Heights	25,290	337	908	998	1,539		29,072
Washington	34,302	1,016	912	1,141	1,585		38,956
Willis Avenue	34,263	723	1,184	2,522	2,967		41,659
145th Street	15,549	457	637	859	743		18,245
Total Harlem River	296,788	6,018	10,407	26,639	17,615		357,467

BROOKLYN-QUEENS BRIDGES

Grand Street	7,360	209	344	1,834	537		10,284
Greenpoint Avenue	15,562	254	777	3,899	1,679		22,171
Kosciuszko	102,496	443	2,117	9,220	7,576		121,852
Pulaski	20,731	363	818	3,669	2,791		28,372
Total Brooklyn-Queens	146,149	1,269	4,056	18,622	12,583		182,679

BRONX BRIDGES

City Island	9,857	161	118	222	514		10,872
East 174th Street	8,688	502	278	324	460		10,252
Eastchester	15,035	276	150	1,089	618		17,168
Eastern Boulevard	112,337	1,372	1,687	6,860	3,899		126,155
Hutchinson River Pky	79,891	68	1,038	1,471	1,612		84,080
Pelham	11,531	267	159	536	548		13,041
Unionport	39,648	592	488	2,225	1,622		44,575
Westchester Avenue	17,402	793	116	505	862		19,678
Total Bronx	294,389	4,031	4,034	13,232	10,135		325,821

East River bridges based on 1996 classification data;
All other bridges based on 1989 classification data;

N.Y.C. Bridges 2005
7am-7pm Vehicle Classification
Both Directions
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BROOKLYN BRIDGES	Autos	Buses	Commuter		Commercial		Total
			Vans	Trucks	Vans		
Carroll Street	441	3	82	184	160		870
Cropsey Avenue	21,910	1,284	30	1,104	1,512		25,840
Hamilton Avenue	33,871	654	1,444	5,036	4,167		45,172
Metropolitan Avenue	18,636	425	760	3,510	1,623		24,954
Mill Basin	91,287	625	289	1,430	4,202		97,833
Ninth Street	6,394	386	147	977	514		8,418
Stillwell Avenue	6,051	631	0	1,172	0		7,854
Third Avenue	12,200	200	5	1,526	1,240		15,171
Third Street	6,833	85	143	566	472		8,099
Union Street	2,818	45	0	208	247		3,318
Total Brooklyn	200,441	4,338	2,900	15,713	14,137		237,529

QUEENS BRIDGES

Borden Avenue	9,254	254	228	1,546	782		12,064
Flushing	37,054	396	703	2,101	3,772		44,026
Hook Creek	46,920	219	1,136	1,908	1,367		51,550
Hunters Point	4,356	73	148	542	597		5,716
Little Neck	35,735	469	588	1,191	1,416		39,399
Midtown Highway	52,210	1,447	1,489	2,563	3,724		61,433
North Channel	14,667	407	163	818	1,162		17,217
Rikers Island	7,325	338	224	352	348		8,587
Roosevelt Avenue	12,267	411	225	582	733		14,218
Roosevelt Island	6,135	197	164	246	180		6,922
Whitestone Expwy	108,682	1,187	3,473	7,604	6,180		127,126
Total Queens	334,605	5,398	8,541	19,453	20,261		388,258

STATEN ISLAND

Fresh Kills Bridge	40,364	1,546	2,243	4,164	1,574		49,891
Total Staten Island	40,364	1,546	2,243	4,164	1,574		49,891

GRAND TOTALS	1,527,884	27,338	54,968	120,852	101,963		1,833,005
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2004-2005 Traffic Volume Trends
N.Y.C. Bridges and Tunnels
Both Directions
Page 1 of 3

<i>EAST RIVER BRIDGES</i>	Highway Functional Classification	2004	2005	Percent Change
Brooklyn	Principal Arterial	137,563	132,210	- 3.9 %
Manhattan	Principal Arterial	79,129	80,363	1.6 %
Queensboro	Principal Arterial	180,369	178,610	- 1.0 %
Williamsburg	Principal Arterial	110,528	107,030	- 3.2 %
Total East River		507,589	498,213	- 1.8 %

HARLEM RIVER BRIDGES

Alexander Hamilton	Interstate	175,323	181,566	3.6 %
Broadway	Principal Arterial	35,190	35,698	1.4 %
Macombs Dam	Principal Arterial	40,558	40,112	- 1.1 %
Madison Avenue	Principal Arterial	48,723	48,397	- 0.7 %
Third Avenue	Principal Arterial	47,053	60,152	27.8 %
University Heights	Principal Arterial	47,350	44,938	- 5.1 %
Washington	Minor Arterial	57,530	58,019	0.8 %
Willis Avenue	Principal Arterial	74,700	66,708	- 10.7 %
145th Street	Minor Arterial	25,994	25,802	- 0.7 %
Total Harlem River		552,421	561,392	1.6 %

BROOKLYN-QUEENS BRIDGES

Grand Street	Principal Arterial	13,459	13,016	- 3.3 %
Greenpoint Avenue	Principal Arterial	28,437	29,449	3.6 %
Kosciuszko	Interstate	193,612	198,813	2.7 %
Pulaski	Principal Arterial	40,146	38,911	- 3.1 %
Total Brooklyn-Queens		275,654	280,189	1.6 %

BRONX BRIDGES

City Island	Minor Arterial	14,528	15,297	5.3 %
East 174th Street	Minor Arterial	12,184	13,632	11.9 %
Eastchester	Principal Arterial	22,480	22,318	- 0.7 %
Eastern Boulevard	Interstate	178,724	183,743	2.8 %
Hutchinson River	Principal Arterial	119,029	118,387	- 0.5 %
Pelham	Minor Arterial	18,292	17,972	- 1.7 %
Unionport	Principal Arterial	60,908	60,605	- 0.5 %
Westchester Avenue	Principal Arterial	26,861	27,195	1.2 %
Total Bronx		453,006	459,149	1.4 %

2004-2005 Traffic Volume Trends
N.Y.C. Bridges and Tunnels
Both Directions
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BROOKLYN BRIDGES	Highway Functional Classification	2004	2005	Percent Change
Carroll Street	Local	1,099	1,101	0.2 %
Cropsey Avenue	Principal Arterial	35,104	36,132	2.9 %
Hamilton Avenue	Principal Arterial	60,240	59,885	- 0.6 %
Metropolitan Avenue	Principal Arterial	38,529	35,113	- 8.9 %
Mill Basin	Principal Arterial	145,760	143,158	- 1.8 %
Ninth Street	Minor Arterial	10,216	11,393	11.5 %
Stillwell Avenue	Principal Arterial	10,436	10,166	- 2.6 %
Third Avenue	Principal Arterial	20,292	20,046	- 1.2 %
Third Street	Minor Arterial	9,846	10,108	2.7 %
Union Street	Minor Arterial	4,399	4,421	0.5 %
Total Brooklyn		335,921	331,523	- 1.3 %
QUEENS BRIDGES				
Borden Avenue	Minor Arterial	15,765	16,362	3.8 %
Flushing	Principal Arterial	61,685	62,692	1.6 %
Hook Creek	Principal Arterial	73,932	73,344	- 0.8 %
Hunters Point	Collector	6,885	7,390	7.3 %
Little Neck	Principal Arterial	54,165	52,475	- 3.1 %
Midtown Highway	Interstate	82,732	89,559	8.3 %
North Channel	Principal Arterial	21,855	24,035	10.0 %
Rikers Island	Collector	14,979	13,811	- 7.8 %
Roosevelt Avenue	Principal Arterial	19,652	19,360	- 1.5 %
Roosevelt Island	Collector	9,100	9,929	9.1 %
Whitestone Expwy	Interstate	188,869	191,563	1.4 %
Total Queens		549,619	560,520	2.0 %
STATEN ISLAND				
Fresh Kills	Principal Arterial	64,705	66,816	3.3 %
TOLL-FREE GRAND TOTALS		2,738,915	2,757,802	0.7 %

2004-2005 Traffic Volume Trends
N.Y.C. Bridges and Tunnels
Both Directions
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MTABT Manhattan Facilities:	Highway Functional Classification	2004	2005	Percent Change
Brooklyn-Battery Tunnel	Interstate	54,488	49,043	- 10.0 %
Henry Hudson Bridge	Principal Arterial	73,114	70,407	- 3.7 %
Queens-Midtown Tunnel	Interstate	86,599	86,063	- 0.6 %
Triborough Bridge Manhattan Plaza	Principal Arterial	97,958	91,898	- 6.2 %
Total MTABT Manhattan		312,159	297,411	- 4.7 %

PANYNJ Manhattan Facilities

George Washington Bridge	Interstate	315,066	304,302	- 3.4 %
Holland Tunnel	Interstate	96,171	96,960	0.8 %
Lincoln Tunnel	Principal Arterial	125,159	126,455	1.0 %
Total Manhattan - New Jersey		536,396	527,717	- 1.6 %

MTABT Outer Borough Bridges

Bronx-Whitestone	Interstate	117,591	105,059	- 10.7 %
Cross Bay	Minor Arterial	20,460	19,852	- 3.0 %
Marine Parkway	Minor Arterial	21,556	19,456	- 9.7 %
Throgs Neck	Interstate	112,001	114,973	2.7 %
Triborough Bridge Bronx Plaza	Interstate	82,810	77,257	- 6.7 %
Verrazano-Narrows	Interstate	205,544	193,687	- 5.8 %
Total MTABT Outer Boroughs		559,962	530,284	- 5.3 %

PANYNJ Staten Island Bridges

Bayonne	Principal Arterial	22,510	21,755	- 3.4 %
Goethals	Interstate	71,532	68,790	- 3.8 %
Outerbridge Crossing	Principal Arterial	80,226	81,108	1.1 %
Total Staten Island - New Jersey		174,268	171,653	- 1.5 %

10-Year Traffic Growth Rate Trends

N.Y.C. Bridges 1955-2005

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East River Bridges	1955-1965	1965-1975	1975-1985	1985-1995	1995-2005
Brooklyn	7.9%	2.5%	1.3%	0.9%	- 0.6%
Manhattan	- 2.5%	0.5%	3.6%	- 1.5%	- 0.6%
Queensboro	2.9%	1.7%	- 0.6%	- 0.5%	0.7%
Williamsburg	- 0.3%	0.6%	2.0%	- 1.7%	0.9%
Total	1.8%	1.4%	1.3%	- 0.5%	0.2%

Harlem River Bridges

Alexander Hamilton	<i>Opened Jan. 1963</i>	2.2%	1.9%	0.2%	0.1%
Broadway	1.2%	3.0%	1.4%	1.7%	- 0.9%
Macombs Dam	- 0.7%	0.8%	3.7%	- 2.6%	- 1.4%
Madison Avenue	- 4.6%	1.4%	1.7%	- 3.8%	8.6%
Third Avenue	3.5%	- 0.1%	0.8%	1.1%	- 3.2%
University Heights	1.4%	2.4%	0.5%	- 2.5%	4.8%
Washington	1.1%	3.5%	2.4%	1.2%	0.8%
Willis Avenue	3.0%	- 1.3%	2.4%	0.3%	- 0.2%
145th Street	- 1.3%	- 1.5%	2.6%	- 0.7%	0.5%
Total	3.6%	1.2%	1.9%	- 0.2%	0.5%

Brooklyn-Queens Bridges

Grand Street	3.5%	- 4.3%	8.4%	0.4%	0.1%
Greenpoint Avenue	- 2.7%	0.7%	n/a	n/a	1.1%
Kosciuszko	7.5%	0.9%	1.8%	- 0.2%	1.2%
Pulaski	1.1%	- 0.6%	2.7%	- 3.5%	3.5%
Total	4.3%	0.3%	1.6%	0.3%	1.4%

Bronx Bridges

City Island	9.3%	3.3%	0.1%	1.9%	0.7%
East 174th Street	1.7%	- 1.1%	n/a	n/a	1.1%
Eastchester	- 3.0%	7.9%	0.9%	- 1.0%	1.6%
Eastern Blvd	5.8%	5.0%	1.3%	- 1.9%	3.7%
Hutchinson River Pkwy	2.9%	0.0%	2.3%	1.4%	4.0%
Pelham	10.1%	0.9%	- 0.2%	6.7%	- 3.6%
Unionport	15.4%	-14.2%	2.8%	- 1.2%	3.6%
Westchester Avenue	7.1%	- 1.0%	1.6%	- 1.1%	1.8%
Total	7.8%	- 2.4%	1.0%	0.0%	2.9%

10-Year Traffic Growth Rate Trends

N.Y.C. Bridges 1955-2005

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Brooklyn Bridges	1955-1965	1965-1975	1975-1985	1985-1995	1995-2005
Carroll Street	6.5%	-17.8%	4.4%	- 3.5%	- 0.8%
Cropsey Avenue	3.5%	1.6%	4.7%	- 1.5%	2.8%
Hamilton Avenue	4.5%	- 0.7%	3.4%	0.5%	- 0.5%
Metropolitan Avenue	5.8%	0.5%	7.3%	- 0.4%	- 0.1%
Mill Basin	7.1%	0.8%	0.7%	1.9%	0.7%
Ninth Street	4.7%	- 1.1%	1.4%	<i>Closed 1995-1998</i>	
Stillwell Avenue	3.0%	2.3%	<i>Closed 1983-1989</i>		0.8%
Third Avenue	1.2%	- 0.6%	2.7%	3.0%	- 0.9%
Third Street	5.1%	- 0.2%	<i>Closed 1982-1985</i>		0.1%
Union Street	2.0%	- 1.3%	3.9%	- 8.1%	- 0.6%
Total	5.0%	0.2%	1.8%	1.2%	0.8%

Queens Bridges					
Borden Avenue	4.9%	6.0%	2.0%	- 1.6%	0.9%
Flushing	- 0.7%	3.7%	2.0%	- 1.2%	0.5%
Hook Creek	7.3%	3.2%	0.5%	1.9%	1.3%
Hunters Point Avenue	2.4%	<i>Closed 1975-1983</i>		4.5%	- 0.3%
Little Neck Pkwy	- 2.4%	1.8%	1.2%	1.7%	1.2%
Midtown Highway	3.6%	0.5%	3.1%	- 0.7%	2.9%
North Channel	8.8%	0.1%	0.4%	- 0.9%	3.4%
Rikers Island	<i>Opened 11/22/1966</i>		6.3%	5.1%	2.0%
Roosevelt Avenue	1.2%	- 0.1%	1.2%	0.7%	- 1.8%
Roosevelt Island	4.7%	6.9%	2.8%	1.0%	- 0.0%
Whitestone Expwy	2.7%	2.9%	1.4%	0.6%	1.9%
Total	2.5%	2.3%	1.8%	0.5%	1.5%

Staten Island Bridges					
Fresh Kills	5.2%	11.2%	5.8%	- 0.1%	3.5%
TOLL FREE GRAND TOTAL	3.9%	0.7%	1.7%	0.1%	1.2%

10-Year Traffic Growth Rate Trends

N.Y.C. Tolled Facilities

1955-2005

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Manhattan MTABT Facilities	1955-1965	1965-1975	1975-1985	1985-1995	1995-2005
Brooklyn-Battery Tunnel	0.7%	- 2.2%	2.1%	- 0.6%	- 2.1%
Henry Hudson Bridge	- 3.6%	- 2.0%	1.9%	2.8%	2.3%
Queens-Midtown Tunnel	4.1%	0.6%	1.7%	- 0.1%	1.6%
Triborough (Manhattan Plz)	0.5%	1.3%	3.4%	- 0.6%	0.1%
Total	0.4%	- 0.3%	2.4%	0.2%	0.6%

Manhattan PANYNJ Facilities

George Washington Bridge	4.9%	3.6%	2.4%	- 1.0%	1.5%
Holland Tunnel	0.3%	1.9%	2.2%	2.6%	- 0.7%
Lincoln Tunnel	3.7%	2.4%	2.1%	- 0.1%	0.4%
Total	3.4%	3.0%	2.3%	- 0.1%	0.8%

Outer Borough MTABT Bridges

Bronx-Whitestone	- 3.9%	1.4%	2.6%	- 0.2%	1.2%
Cross Bay	0.9%	- 0.9%	- 0.2%	- 0.1%	3.8%
Marine Parkway	1.5%	0.2%	1.0%	0.1%	0.2%
Throgs Neck	<i>Opened 1961</i>	1.5%	0.2%	0.9%	1.8%
Triborough (Bronx Plz)	0.3%	0.9%	2.3%	- 1.6%	0.3%
Verrazano-Narrows	<i>Opened 11/21/1964</i>	8.0%	4.1%	1.2%	1.2%
Total	5.0%	2.6%	2.3%	0.3%	1.2%

Staten Island PANYNJ Bridges

Bayonne	1.5%	3.5%	2.6%	- 0.9%	4.9%
Goethals	10.4%	7.1%	1.1%	- 0.0%	1.7%
Outerbridge Crossing	4.3%	5.3%	11.9%	1.9%	1.9%
Total	6.1%	6.2%	4.9%	0.8%	2.1%

***East
River
Bridges***

East River Bridges
Average Daily Traffic Volumes
1948 - 2005

Year	Brooklyn Bridge	Manhattan Bridge	Queensboro Bridge	Williamsburg Bridge	Totals
1948	37,011	86,717	83,201	47,139	254,068
1949	37,244	80,420	88,821	54,448	260,933
1950	13,397	84,027	84,863	57,940	240,227
1951	14,865	100,826	90,922	62,739	269,352
1952	16,907	96,476	85,748	62,573	261,704
1953	14,513	94,320	106,391	77,502	292,726
1954	42,455	77,698	101,285	76,465	297,903
1955	53,964	66,968	91,958	80,743	293,633
1956	54,981	69,656	90,786	82,443	297,866
1957	23,852	89,793	93,676	89,707	297,028
1958	43,089	82,128	100,555	78,698	304,470
1959	53,115	74,329	103,522	81,465	312,431
1960	73,486	60,481	107,536	81,157	322,660
1961	68,997	62,797	104,505	80,514	316,813
1962	78,850	51,450	105,930	81,940	318,170
1963	78,770	58,510	116,350	80,250	333,880
1964	80,230	59,250	120,900	80,650	341,030
1965	84,141	71,222	117,588	80,567	353,518
1966	89,124	63,693	122,896	80,032	355,745
1967	87,387	75,741	124,033	65,775	352,936
1968	72,475	79,906	130,777	74,074	357,232
1969	97,565	75,473	132,553	73,825	379,416
1970	100,050	72,077	126,554	73,062	371,743
1971	102,535	68,681	120,555	72,299	364,070
1972	103,815	73,803	136,455	76,219	390,292
1973	102,834	73,401	138,066	79,989	394,290
1974	99,959	77,198	138,560	78,914	394,631
1975	103,750	74,320	144,252	82,057	404,379
1976	102,590	68,057	145,130	82,471	398,248
1977	104,532	64,835	146,283	82,490	398,140
1978	104,848	74,257	138,415	82,626	400,146
1979	91,319	75,403	133,966	81,340	382,028
1980	103,954	77,914	127,929	82,663	392,460
1981	102,572	79,589	127,864	85,100	395,125
1982	110,991	87,760	136,864	79,369	414,984
1983	115,825	85,222	125,158	86,947	413,152
1984	110,432	89,104	134,107	94,898	428,541
1985	116,929	100,825	150,892	107,386	476,032
1986	126,555	77,784	158,191	107,181	469,711
1987	123,523	77,519	151,688	107,362	460,092
1988	129,153	75,221	153,841	102,643	460,858
1989	131,951	68,593	152,591	107,967	461,102
1990	129,626	69,550	140,063	109,474	448,713
1991	128,491	72,695	131,438	115,345	447,969
1992	125,643	78,117	141,078	98,307	443,145
1993	134,793	74,526	135,964	86,591	431,874
1994	134,837	78,418	151,483	83,525	448,263
1995	131,883	75,126	157,306	100,588	464,903
1996	131,872	81,075	161,965	88,570	463,482
1997	147,898	83,209	184,179	96,124	511,410
1998	144,131	78,172	192,119	109,268	523,690
1999	127,065	92,311	189,190	107,941	516,507
2000	147,767	75,684	182,940	108,376	514,767
2001	95,586	73,064	176,469	82,202	427,321
2002	121,145	66,152	176,419	103,364	467,080
2003	134,444	73,767	184,964	100,243	493,418
2004	137,563	79,129	180,369	110,528	507,589
2005	132,210	80,363	178,610	107,030	498,213

Hourly Vehicular Volumes Brooklyn Bridge - 2005

	<i>Eastbound to Brooklyn</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	2,477	---	---	---	---	---	1,872	4,349
1-2am	---	---	---	---	---	1,642	---	---	---	---	---	1,145	2,787
2-3am	---	---	---	---	---	1,133	---	---	---	---	---	773	1,906
3-4am	---	---	---	---	---	806	---	---	---	---	---	639	1,445
4-5am	---	---	---	---	---	803	---	---	---	---	---	960	1,763
5-6am	---	---	---	---	---	1,178	---	---	---	---	---	2,051	3,229
6-7am	---	---	---	---	---	2,217	---	---	---	---	---	3,458	5,675
7-8am	2,619	2	112	1	69	2,803	3,750	19	37	3	260	4,069 **	6,872
8-9am	2,521	28	119	0	84	2,752	3,674	6	60	8	223	3,971	6,723
9-10am	2,414	20	79	2	141	2,656	3,288	6	63	5	316	3,678	6,334
10-11am	2,264	4	91	0	136	2,495	3,110	3	142	8	173	3,436	5,931
11-12am	2,309	1	95	0	73	2,478	2,641	7	148	4	165	2,965	5,443
12-1pm	2,449	1	121	3	122	2,696	2,718	0	122	3	123	2,966	5,662
1-2pm	2,683	1	157	0	113	2,954	2,809	58	140	3	151	3,161	6,115
2-3pm	3,120	11	91	1	119	3,342	2,917	5	183	1	119	3,225	6,567
3-4pm	3,626	21	65	0	77	3,789 **	3,172	11	139	0	130	3,452	7,241 **
4-5pm	3,565	11	92	0	37	3,705	3,088	6	223	1	105	3,423	7,128
5-6pm	3,616	4	93	1	24	3,738	3,122	15	164	1	153	3,455	7,193
6-7pm	3,508	3	72	4	42	3,629	3,168	4	143	1	110	3,426	7,055
7-8pm	---	---	---	---	---	3,530	---	---	---	---	---	3,393	6,923
8-9pm	---	---	---	---	---	3,662	---	---	---	---	---	3,222	6,884
9-10pm	---	---	---	---	---	3,551	---	---	---	---	---	3,246	6,797
10-11pm	---	---	---	---	---	3,369	---	---	---	---	---	3,285	6,654
11-12pm	---	---	---	---	---	2,615	---	---	---	---	---	2,919	5,534
Totals	---	---	---	---	---	64,020	---	---	---	---	---	68,190	132,210
7-10am	7,554	50	310	3	294	8,211	10,712	31	160	16	799	11,718	19,929
10am-1pm	7,022	6	307	3	331	7,669	8,469	10	412	15	461	9,367	17,036
1-4pm	9,429	33	313	1	309	10,085	8,898	74	462	4	400	9,838	19,923
4-7pm	10,689	18	257	5	103	11,072	9,378	25	530	3	368	10,304	21,376
7am-7pm	34,694	107	1,187	12	1,037	37,037	37,457	140	1,564	38	2,028	41,227	78,264

Based on October 1996 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Manhattan Bridge - 2005

	<i>Eastbound to Brooklyn</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	1,923	---	---	---	---	---	1,226	3,149
1-2am	---	---	---	---	---	1,579	---	---	---	---	---	838	2,417
2-3am	---	---	---	---	---	1,012	---	---	---	---	---	658	1,670
3-4am	---	---	---	---	---	776	---	---	---	---	---	631	1,407
4-5am	---	---	---	---	---	650	---	---	---	---	---	727	1,377
5-6am	---	---	---	---	---	589	---	---	---	---	---	1,267	1,856
6-7am	---	---	---	---	---	921	---	---	---	---	---	2,066	2,987
7-8am	692	56	139	404	137	1,428	1,553	100	226	467	414	2,760	4,188
8-9am	801	145	143	486	166	1,741	1,513	45	252	550	563	2,923 **	4,664 **
9-10am	589	93	179	535	204	1,600	1,110	38	184	674	529	2,535	4,135
10-11am	572	24	160	512	231	1,499	820	36	171	762	424	2,213	3,712
11-12am	611	26	159	522	252	1,570	713	30	157	561	362	1,823	3,393
12-1pm	580	22	110	491	338	1,541	787	37	199	507	204	1,734	3,275
1-2pm	561	26	203	478	347	1,615	771	41	162	527	196	1,697	3,312
2-3pm	678	19	224	456	346	1,723	885	30	124	438	353	1,830	3,553
3-4pm	890	69	282	493	381	2,115	888	47	195	314	267	1,711	3,826
4-5pm	1,162	57	267	456	537	2,479	945	26	110	287	244	1,612	4,091
5-6pm	1,387	46	265	425	574	2,697 **	982	37	160	206	177	1,562	4,259
6-7pm	1,412	42	364	382	385	2,585	1,142	24	131	146	152	1,595	4,180
7-8pm	---	---	---	---	---	2,414	---	---	---	---	---	1,602	4,016
8-9pm	---	---	---	---	---	2,299	---	---	---	---	---	1,415	3,714
9-10pm	---	---	---	---	---	2,128	---	---	---	---	---	1,461	3,589
10-11pm	---	---	---	---	---	2,163	---	---	---	---	---	1,585	3,748
11-12pm	---	---	---	---	---	2,327	---	---	---	---	---	1,518	3,845
Totals	---	---	---	---	---	41,374	---	---	---	---	---	38,989	80,363
7-10am	2,082	294	461	1,425	507	4,769	4,176	183	662	1,691	1,506	8,218	12,987
10am-1pm	1,763	72	429	1,525	821	4,610	2,320	103	527	1,830	990	5,770	10,380
1-4pm	2,129	114	709	1,427	1,074	5,453	2,544	118	481	1,279	816	5,238	10,691
4-7pm	3,961	145	896	1,263	1,496	7,761	3,069	87	401	639	573	4,769	12,530
7am-7pm	9,935	625	2,495	5,640	3,898	22,593	12,109	491	2,071	5,439	3,885	23,995	46,588

Based on October 1996 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Queensboro Bridge - 2005

	<i>Eastbound to Queens</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	3,583	---	---	---	---	---	1,696	5,279
1-2am	---	---	---	---	---	3,000	---	---	---	---	---	1,219	4,219
2-3am	---	---	---	---	---	2,432	---	---	---	---	---	1,045	3,477
3-4am	---	---	---	---	---	1,860	---	---	---	---	---	1,340	3,200
4-5am	---	---	---	---	---	2,326	---	---	---	---	---	2,286	4,612
5-6am	---	---	---	---	---	2,419	---	---	---	---	---	4,530	6,949
6-7am	---	---	---	---	---	3,180	---	---	---	---	---	6,076 **	9,256
7-8am	2,422	112	236	98	161	3,029	4,673	98	259	261	670	5,961	8,990
8-9am	2,166	163	234	163	144	2,870	3,871	60	267	324	811	5,333	8,203
9-10am	1,785	166	204	216	176	2,547	3,160	52	320	266	628	4,426	6,973
10-11am	2,351	75	175	214	295	3,110	2,709	55	243	339	520	3,866	6,976
11-12am	2,536	75	278	227	445	3,561	2,716	82	287	283	427	3,795	7,356
12-1pm	2,869	90	207	200	477	3,843	2,980	46	236	218	318	3,798	7,641
1-2pm	2,841	69	347	313	541	4,111	3,271	102	252	256	287	4,168	8,279
2-3pm	3,406	70	209	380	504	4,569	3,534	75	264	211	472	4,556	9,125
3-4pm	4,360	143	161	422	574	5,660	3,773	43	283	151	319	4,569	10,229
4-5pm	4,522	163	173	404	582	5,844 **	3,817	37	224	127	233	4,438	10,282 **
5-6pm	4,299	184	168	302	499	5,452	4,121	34	159	58	162	4,534	9,986
6-7pm	4,133	156	228	97	343	4,957	3,472	52	215	67	166	3,972	8,929
7-8pm	---	---	---	---	---	4,642	---	---	---	---	---	3,688	8,330
8-9pm	---	---	---	---	---	4,618	---	---	---	---	---	3,330	7,948
9-10pm	---	---	---	---	---	4,267	---	---	---	---	---	3,120	7,387
10-11pm	---	---	---	---	---	4,206	---	---	---	---	---	3,208	7,414
11-12pm	---	---	---	---	---	4,889	---	---	---	---	---	2,681	7,570
Totals	---	---	---	---	---	90,975	---	---	---	---	---	87,635	178,610
7-10am	6,373	441	674	477	481	8,446	11,704	210	846	851	2,109	15,720	24,166
10am-1pm	7,756	240	660	641	1,217	10,514	8,405	183	766	840	1,265	11,459	21,973
1-4pm	10,607	282	717	1,115	1,619	14,340	10,578	220	799	618	1,078	13,293	27,633
4-7pm	12,954	503	569	803	1,424	16,253	11,410	123	598	252	561	12,944	29,197
7am-7pm	37,690	1,466	2,620	3,036	4,741	49,553	42,097	736	3,009	2,561	5,013	53,416	102,969

Based on October 1996 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Williamsburg Bridge - 2005

	<i>Eastbound to Brooklyn</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	2,178	---	---	---	---	---	1,292	3,470
1-2am	---	---	---	---	---	1,387	---	---	---	---	---	874	2,261
2-3am	---	---	---	---	---	984	---	---	---	---	---	705	1,689
3-4am	---	---	---	---	---	728	---	---	---	---	---	703	1,431
4-5am	---	---	---	---	---	753	---	---	---	---	---	1,011	1,764
5-6am	---	---	---	---	---	1,212	---	---	---	---	---	2,207	3,419
6-7am	---	---	---	---	---	1,888	---	---	---	---	---	3,348	5,236
7-8am	1,556	25	254	191	117	2,143	2,375	110	522	368	394	3,769 **	5,912
8-9am	1,419	125	247	205	156	2,152	2,156	45	546	318	465	3,530	5,682
9-10am	1,159	87	339	207	138	1,930	1,937	41	473	293	313	3,057	4,987
10-11am	1,161	44	277	430	80	1,992	1,632	31	440	264	248	2,615	4,607
11-12am	1,185	23	300	441	117	2,066	1,366	30	402	258	252	2,308	4,374
12-1pm	1,255	14	354	315	175	2,113	1,389	29	370	205	253	2,246	4,359
1-2pm	1,343	24	355	351	165	2,238	1,347	65	523	229	202	2,366	4,604
2-3pm	1,597	33	492	369	66	2,557	1,750	40	424	169	217	2,600	5,157
3-4pm	2,067	75	463	382	180	3,167	1,851	33	358	176	222	2,640	5,807
4-5pm	2,272	93	425	361	203	3,354 **	1,854	35	447	121	205	2,662	6,016
5-6pm	2,307	71	435	263	248	3,324	1,968	40	464	132	221	2,825	6,149 **
6-7pm	2,372	26	390	137	195	3,120	1,848	34	541	118	224	2,765	5,885
7-8pm	---	---	---	---	---	2,893	---	---	---	---	---	2,592	5,485
8-9pm	---	---	---	---	---	2,816	---	---	---	---	---	2,215	5,031
9-10pm	---	---	---	---	---	2,588	---	---	---	---	---	2,213	4,801
10-11pm	---	---	---	---	---	2,359	---	---	---	---	---	2,227	4,586
11-12pm	---	---	---	---	---	2,380	---	---	---	---	---	1,938	4,318
Totals	---	---	---	---	---	52,322	---	---	---	---	---	54,708	107,030
7-10am	4,134	237	840	603	411	6,225	6,468	196	1,541	979	1,172	10,356	16,581
10am-1pm	3,601	81	931	1,186	372	6,171	4,387	90	1,212	727	753	7,169	13,340
1-4pm	5,007	132	1,310	1,102	411	7,962	4,948	138	1,305	574	641	7,606	15,568
4-7pm	6,951	190	1,250	761	646	9,798	5,670	109	1,452	371	650	8,252	18,050
7am-7pm	19,693	640	4,331	3,652	1,840	30,156	21,473	533	5,510	2,651	3,216	33,383	63,539

Based on October 1996 Classification Survey Data

** Peak Volumes

***Harlem
River
Bridges***

Harlem River Bridges
Average Daily Traffic Volumes
1948 - 2005

Year	Alexander Hamilton	Broadway	Macombs Dam	Madison Avenue	Third Avenue
1948		16,020	33,608	27,222	31,403
1949		17,369	23,854	17,363	20,024
1950		15,462	28,641	27,933	34,984
1951	<i>Bridge Opened Jan. 1963</i>	16,374	31,072	33,576	51,478
1952		17,412	36,100	27,468	34,023
1953		16,821	35,331	24,382	37,593
1954		15,958	27,911	23,408	33,667
1955		17,046	27,914	34,681	38,201
1956		17,960	32,761	46,591	42,735
1957		20,345	55,609	40,860	47,269
1958		22,132	50,227	33,393	61,367
1959		25,491	48,720	27,967	56,525
1960		23,025	50,865	22,541	68,079
1961		21,097	32,447	28,375	61,584
1962		19,170	39,580	25,400	53,580
1963		23,110	43,450	27,090	63,840
1964	87,840	25,020	31,050	31,170	63,250
1965	125,133	17,555	37,451	26,315	55,644
1966	104,559	22,438	39,922	28,865	70,938
1967	135,803	22,844	35,595	27,683	52,931
1968	92,771	23,621	33,875	27,658	41,243
1969	132,487	22,224	38,845	28,219	57,748
1970	141,609	23,115	46,523	24,941	48,110
1971	137,881	28,232	40,489	28,891	50,548
1972	142,139	25,178	39,702	26,923	47,454
1973	137,133	24,408	38,349	34,815	60,415
1974	144,909	21,825	40,934	30,425	54,770
1975	134,013	30,638	38,995	29,823	62,079
1976	137,141	26,453	36,065	27,838	54,957
1977	158,710	26,465	33,539	29,832	52,969
1978	151,342	25,145	35,764	34,938	54,177
1979	143,973	27,673	37,145	29,036	54,428
1980	152,852	29,838	37,464	27,476	54,152
1981	148,609	30,485	42,064	29,456	51,483
1982	156,038	30,846	45,178	30,485	60,236
1983	161,772	29,875	42,747	30,715	67,813
1984	164,734	28,338	46,870	33,101	56,706
1985	171,602	33,086	52,497	37,956	59,907
1986	175,635	32,314	50,602	39,809	64,404
1987	180,908	31,934	48,021	31,506	62,089
1988	172,970	33,047	43,318	31,321	62,379
1989	183,661	35,066	43,450	31,688	64,849
1990	192,848	41,705	41,113	32,458	63,516
1991	187,309	40,444	42,393	34,826	65,787
1992	176,279	35,184	42,022	32,907	66,967
1993	180,507	33,752	39,251	32,432	68,812
1994	178,522	32,833	39,876	22,923	66,104
1995	175,279	42,555	41,571	22,739	68,663
1996	176,856	40,040	40,031	17,948	67,206
1997	176,102	34,645	44,033	28,646	71,365
1998	176,632	35,770	42,027	32,922	70,757
1999	180,201	35,412	41,813	38,102	68,544
2000	177,899	37,990	21,008	47,583	73,121
2001	168,605	41,175	39,615	43,331	72,756
2002	168,079	38,287	18,878	49,487	58,949
2003	182,704	36,888	42,254	41,575	43,065
2004	175,323	35,190	40,558	48,723	47,053
2005	181,566	35,698	40,112	48,397	60,152

Harlem River Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2005

<i>Year</i>	<i>University Heights</i>	<i>Washington</i>	<i>Willis Avenue</i>	<i>145th Street</i>	<i>Totals</i>
1948	21,706	29,374	29,648	18,196	207,177
1949	14,098	32,122	42,772	25,908	193,510
1950	24,986	29,541	38,708	22,416	222,671
1951	25,270	28,599	35,958	26,872	249,199
1952	21,527	28,270	33,207	24,189	222,196
1953	29,240	37,298	38,579	29,385	248,629
1954	22,979	39,339	46,675	26,119	236,056
1955	18,151	33,988	44,809	35,449	250,239
1956	21,834	30,598	43,752	30,550	266,781
1957	34,077	38,861	51,395	28,114	316,530
1958	37,078	50,100	49,773	25,677	329,747
1959	33,580	51,652	58,705	39,709	342,349
1960	36,763	54,008	59,050	30,868	345,199
1961	43,749	61,542	50,902	33,767	333,463
1962	35,940	56,110	55,910	27,540	313,230
1963	26,030	32,760	65,290	27,520	309,090
1964	31,490	41,410	65,190	31,260	407,680
1965	23,458	35,560	53,219	26,924	401,259
1966	25,700	31,104	53,677	25,284	402,487
1967	26,990	33,921	69,609	22,368	427,744
1968	26,126	35,218	58,730	22,853	362,095
1969	29,941	19,136	60,192	24,200	412,992
1970	26,718	33,661	61,433	23,580	429,690
1971	29,622	38,522	53,609	24,401	432,195
1972	31,620	36,812	49,431	23,105	422,364
1973	33,503	46,079	51,537	23,431	449,670
1974	29,297	42,014	53,322	21,616	439,112
1975	29,111	41,522	52,984	21,189	440,354
1976	34,494	39,058	53,873	19,750	429,629
1977	29,128	38,185	52,484	20,888	442,200
1978	35,883	37,690	54,335	21,484	450,758
1979	31,796	37,348	44,851	21,566	427,816
1980	32,562	38,061	52,061	21,826	446,292
1981	34,454	38,061	52,561	21,150	448,323
1982	25,416	44,168	55,762	22,656	470,785
1983	32,233	42,186	60,296	23,516	491,153
1984	30,485	46,896	66,017	23,802	496,949
1985	37,553	51,302	65,638	28,722	538,263
1986	36,192	54,935	66,824	26,181	546,896
1987	37,223	46,094	67,558	24,895	530,228
1988	38,542	48,025	64,862	25,818	520,282
1989	42,246	49,092	66,012	23,317	539,381
1990	19,768	61,668	62,315	24,172	539,563
1991	18,220	57,526	60,415	26,448	533,368
1992	39,232	51,925	66,522	26,315	537,353
1993	38,895	52,795	70,472	25,390	542,306
1994	38,134	57,009	67,344	23,299	526,044
1995	21,238	56,372	67,716	25,749	521,882
1996	35,280	56,204	70,229	27,156	530,950
1997	39,639	54,708	73,461	24,151	546,750
1998	41,640	57,307	78,145	24,862	560,062
1999	42,287	58,907	71,555	26,361	563,182
2000	45,557	68,075	73,175	34,362	578,770
2001	46,381	57,443	72,901	26,552	568,759
2002	45,311	63,609	73,435	35,796	551,831
2003	50,126	63,154	66,710	23,034	549,510
2004	47,350	57,530	74,700	25,994	552,421
2005	44,938	58,019	66,708	25,802	561,392

Hourly Vehicular Volumes Alexander Hamilton Bridge - 2005

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Commuter Buses	Commercial Vans	Trucks	Vans	Totals	Autos	Commuter Buses	Commercial Vans	Trucks	Vans	Totals	
12-1am	---	---	---	---	---	2,191	---	---	---	---	---	2,260	4,451
1-2am	---	---	---	---	---	1,836	---	---	---	---	---	1,761	3,597
2-3am	---	---	---	---	---	1,621	---	---	---	---	---	1,675	3,296
3-4am	---	---	---	---	---	1,816	---	---	---	---	---	1,659	3,475
4-5am	---	---	---	---	---	2,258	---	---	---	---	---	2,061	4,319
5-6am	---	---	---	---	---	3,588	---	---	---	---	---	3,352	6,940
6-7am	---	---	---	---	---	4,983	---	---	---	---	---	5,157 **	10,140 **
7-8am	3,924	13	227	750	113	5,027 **	4,301	10	91	457	226	5,085	10,112
8-9am	3,587	4	234	901	209	4,935	4,056	33	33	471	149	4,742	9,677
9-10am	3,292	5	211	1,078	118	4,704	3,323	48	28	730	194	4,323	9,027
10-11am	3,782	3	90	296	43	4,214	3,693	26	16	398	134	4,267	8,481
11-12am	3,279	10	235	729	121	4,374	2,925	13	19	913	260	4,130	8,504
12-1pm	3,674	0	104	414	45	4,237	3,447	10	9	482	122	4,070	8,307
1-2pm	3,134	7	149	747	75	4,112	2,800	10	20	728	190	3,748	7,860
2-3pm	3,708	6	197	769	109	4,789	2,890	16	35	774	155	3,870	8,659
3-4pm	4,134	7	84	323	91	4,639	3,718	20	15	437	80	4,270	8,909
4-5pm	3,931	6	147	491	112	4,687	3,464	4	40	874	211	4,593	9,280
5-6pm	3,917	5	110	369	92	4,493	3,553	2	29	792	155	4,531	9,024
6-7pm	3,632	8	190	416	73	4,319	3,715	2	21	450	129	4,317	8,636
7-8pm	---	---	---	---	---	4,702	---	---	---	---	---	4,465	9,167
8-9pm	---	---	---	---	---	4,107	---	---	---	---	---	4,051	8,158
9-10pm	---	---	---	---	---	3,970	---	---	---	---	---	3,920	7,890
10-11pm	---	---	---	---	---	3,575	---	---	---	---	---	3,738	7,313
11-12pm	---	---	---	---	---	2,834	---	---	---	---	---	3,510	6,344
Totals	---	---	---	---	---	92,011	---	---	---	---	---	89,555	181,566
7-10am	10,803	22	672	2,729	440	14,666	11,680	91	152	1,658	569	14,150	28,816
10am-1pm	10,735	13	429	1,439	209	12,825	10,065	49	44	1,793	516	12,467	25,292
1-4pm	10,976	20	430	1,839	275	13,540	9,408	46	70	1,939	425	11,888	25,428
4-7pm	11,480	19	447	1,276	277	13,499	10,732	8	90	2,116	495	13,441	26,940
7am-7pm	43,994	74	1,978	7,283	1,201	54,530	41,885	194	356	7,506	2,005	51,946	106,476

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Broadway Bridge - 2005

	Northbound to Bronx						Southbound to Manhattan						2-Way Totals	
	Autos	Commuter		Commercial		Totals	Autos	Commuter		Commercial		Totals		
		Buses	Vans	Trucks	Vans			Buses	Vans	Trucks	Vans			
12-1am	---	---	---	---	---	288	---	---	---	---	---	241	529	
1-2am	---	---	---	---	---	180	---	---	---	---	---	181	361	
2-3am	---	---	---	---	---	116	---	---	---	---	---	105	221	
3-4am	---	---	---	---	---	83	---	---	---	---	---	96	179	
4-5am	---	---	---	---	---	125	---	---	---	---	---	143	268	
5-6am	---	---	---	---	---	218	---	---	---	---	---	369	587	
6-7am	---	---	---	---	---	479	---	---	---	---	---	879	1,358	
7-8am	646	36	19	65	27	793	1,348	62	43	31	45	1,529	** 2,322	
8-9am	697	51	18	30	24	820	1,269	44	29	45	44	1,431	2,251	
9-10am	592	20	3	24	53	692	807	31	23	48	36	945	1,637	
10-11am	627	15	2	32	22	698	791	21	11	37	9	869	1,567	
11-12am	697	21	9	28	43	798	761	25	25	54	55	920	1,718	
12-1pm	719	21	5	21	22	788	892	23	4	18	12	949	1,737	
1-2pm	852	26	3	29	30	940	950	26	10	22	18	1,026	1,966	
2-3pm	889	25	1	37	76	1,028	1,050	33	25	37	19	1,164	2,192	
3-4pm	1,171	28	10	15	39	1,263	1,211	34	14	20	11	1,290	2,553	
4-5pm	1,174	41	29	25	57	1,326	1,180	31	22	37	36	1,306	2,632	**
5-6pm	1,252	29	8	12	65	1,366	** 1,161	30	31	18	23	1,263	2,629	
6-7pm	1,128	22	0	13	110	1,273	1,076	29	26	18	8	1,157	2,430	
7-8pm	---	---	---	---	---	1,023	---	---	---	---	---	1,005	2,028	
8-9pm	---	---	---	---	---	766	---	---	---	---	---	750	1,516	
9-10pm	---	---	---	---	---	626	---	---	---	---	---	627	1,253	
10-11pm	---	---	---	---	---	514	---	---	---	---	---	487	1,001	
11-12pm	---	---	---	---	---	395	---	---	---	---	---	368	763	
Totals	---	---	---	---	---	16,598	---	---	---	---	---	19,100	35,698	
7-10am	1,935	107	40	119	104	2,305	3,424	137	95	124	125	3,905	6,210	
10am-1pm	2,043	57	16	81	87	2,284	2,444	69	40	109	76	2,738	5,022	
1-4pm	2,912	79	14	81	145	3,231	3,211	93	49	79	48	3,480	6,711	
4-7pm	3,554	92	37	50	232	3,965	3,417	90	79	73	67	3,726	7,691	
7am-7pm	10,444	335	107	331	568	11,785	12,496	389	263	385	316	13,849	25,634	

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Macombs Dam Bridge - 2005

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	466	---	---	---	---	---	389	855
1-2am	---	---	---	---	---	261	---	---	---	---	---	234	495
2-3am	---	---	---	---	---	189	---	---	---	---	---	187	376
3-4am	---	---	---	---	---	160	---	---	---	---	---	149	309
4-5am	---	---	---	---	---	180	---	---	---	---	---	206	386
5-6am	---	---	---	---	---	275	---	---	---	---	---	342	617
6-7am	---	---	---	---	---	609	---	---	---	---	---	788	1,397
7-8am	808	33	21	50	74	986	1,093	35	5	77	207	1,417	2,403
8-9am	922	13	16	56	95	1,102	1,231	10	2	97	174	1,514	2,616 **
9-10am	787	17	13	49	53	919	920	19	13	106	174	1,232	2,151
10-11am	726	7	3	31	38	805	857	8	6	37	52	960	1,765
11-12am	690	9	11	57	67	834	799	6	13	70	79	967	1,801
12-1pm	794	9	6	26	35	870	951	17	3	19	41	1,031	1,901
1-2pm	879	2	6	27	25	939	941	19	7	20	76	1,063	2,002
2-3pm	868	13	21	68	75	1,045	1,024	22	15	50	88	1,199	2,244
3-4pm	1,034	22	9	56	66	1,187	1,176	36	10	22	44	1,288	2,475
4-5pm	922	8	30	79	150	1,189	1,111	10	30	40	74	1,265	2,454
5-6pm	1,006	9	14	36	133	1,198 **	1,181	13	10	19	65	1,288	2,486
6-7pm	1,105	3	6	26	44	1,184	1,114	7	12	25	85	1,243	2,427
7-8pm	---	---	---	---	---	1,178	---	---	---	---	---	1,148	2,326
8-9pm	---	---	---	---	---	1,083	---	---	---	---	---	957	2,040
9-10pm	---	---	---	---	---	956	---	---	---	---	---	839	1,795
10-11pm	---	---	---	---	---	802	---	---	---	---	---	748	1,550
11-12pm	---	---	---	---	---	651	---	---	---	---	---	590	1,241
Totals	---	---	---	---	---	19,068	---	---	---	---	---	21,044	40,112
7-10am	2,517	63	50	155	222	3,007	3,244	64	20	280	555	4,163	7,170
10am-1pm	2,210	25	20	114	140	2,509	2,607	31	22	126	172	2,958	5,467
1-4pm	2,781	37	36	151	166	3,171	3,141	77	32	92	208	3,550	6,721
4-7pm	3,033	20	50	141	327	3,571	3,406	30	52	84	224	3,796	7,367
7am-7pm	10,541	145	156	561	855	12,258	12,398	202	126	582	1,159	14,467	26,725

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Madison Avenue Bridge - 2005

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Commuter		Commercial		Totals	Autos	Commuter		Commercial		Totals	
		Buses	Vans	Trucks	Vans			Buses	Vans	Trucks	Vans		
12-1am	---	---	---	---	---	632	---	---	---	---	---	402	1,034
1-2am	---	---	---	---	---	351	---	---	---	---	---	257	608
2-3am	---	---	---	---	---	246	---	---	---	---	---	177	423
3-4am	---	---	---	---	---	189	---	---	---	---	---	208	397
4-5am	---	---	---	---	---	225	---	---	---	---	---	332	557
5-6am	---	---	---	---	---	334	---	---	---	---	---	571	905
6-7am	---	---	---	---	---	775	---	---	---	---	---	1,371	2,146
7-8am	978	49	108	63	57	1,255	1,546	123	17	62	139	1,887	3,142
8-9am	976	67	87	51	64	1,245	1,465	121	34	77	150	1,847	3,092
9-10am	767	68	99	82	51	1,067	1,048	75	42	182	138	1,485	2,552
10-11am	812	37	49	36	45	979	945	79	26	26	85	1,161	2,140
11-12am	641	26	84	104	95	950	794	30	41	78	100	1,043	1,993
12-1pm	866	29	34	42	44	1,015	864	38	29	35	63	1,029	2,044
1-2pm	934	32	35	47	52	1,100	926	63	32	18	50	1,089	2,189
2-3pm	914	35	81	112	113	1,255	1,041	88	36	39	100	1,304	2,559
3-4pm	1,405	28	44	79	73	1,629	1,135	79	23	30	52	1,319	2,948
4-5pm	1,381	34	156	129	154	1,854	1,261	78	33	30	56	1,458	3,312
5-6pm	1,419	39	123	100	95	1,776	1,311	58	41	33	50	1,493	3,269
6-7pm	1,337	78	53	68	89	1,625	1,181	47	27	23	25	1,303	2,928
7-8pm	---	---	---	---	---	1,465	---	---	---	---	---	1,130	2,595
8-9pm	---	---	---	---	---	1,408	---	---	---	---	---	906	2,314
9-10pm	---	---	---	---	---	1,193	---	---	---	---	---	771	1,964
10-11pm	---	---	---	---	---	1,022	---	---	---	---	---	683	1,705
11-12pm	---	---	---	---	---	954	---	---	---	---	---	627	1,581
Totals	---	---	---	---	---	24,544	---	---	---	---	---	23,853	48,397
7-10am	2,721	184	294	196	172	3,567	4,059	319	93	321	427	5,219	8,786
10am-1pm	2,319	92	167	182	184	2,944	2,603	147	96	139	248	3,233	6,177
1-4pm	3,253	95	160	238	238	3,984	3,102	230	91	87	202	3,712	7,696
4-7pm	4,137	151	332	297	338	5,255	3,753	183	101	86	131	4,254	9,509
7am-7pm	12,430	522	953	913	932	15,750	13,517	879	381	633	1,008	16,418	32,168

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Third Avenue Bridge - 2005

	Northbound to Bronx						Southbound to Manhattan						2-Way Totals
	Autos	Commuter Buses	Commercial Vans	Trucks	Vans	Totals	Autos	Commuter Buses	Commercial Vans	Trucks	Vans	Totals	
12-1am							---	---	---	---	---	1,018	1,018
1-2am							---	---	---	---	---	618	618
2-3am							---	---	---	---	---	522	522
3-4am							---	---	---	---	---	566	566
4-5am							---	---	---	---	---	967	967
5-6am							---	---	---	---	---	2,359	2,359
6-7am							---	---	---	---	---	4,128	4,128
7-8am							2,649	55	409	552	456	4,121	4,121
8-9am							2,404	34	238	486	506	3,668	3,668
9-10am							2,187	36	288	426	337	3,274	3,274
10-11am							2,352	29	156	151	125	2,813	2,813
11-12am							1,784	49	289	342	212	2,676	2,676
12-1pm							2,260	67	116	131	100	2,674	2,674
1-2pm							2,079	95	181	158	271	2,784	2,784
2-3pm							2,149	107	268	264	310	3,098	3,098
3-4pm							2,985	89	103	83	74	3,334	3,334
4-5pm							2,815	64	152	145	168	3,344	3,344
5-6pm							3,122	61	129	109	92	3,513	3,513
6-7pm							2,893	59	117	78	86	3,233	3,233
7-8pm							---	---	---	---	---	2,858	2,858
8-9pm							---	---	---	---	---	2,393	2,393
9-10pm							---	---	---	---	---	2,259	2,259
10-11pm							---	---	---	---	---	2,145	2,145
11-12pm							---	---	---	---	---	1,787	1,787
Totals							---	---	---	---	---	60,152	60,152
7-10am							7,240	125	935	1,464	1,299	11,063	11,063
10am-1pm							6,396	145	561	624	437	8,163	8,163
1-4pm							7,213	291	552	505	655	9,216	9,216
4-7pm							8,830	184	398	332	346	10,090	10,090
7am-7pm							29,679	745	2,446	2,925	2,737	38,532	38,532

**Bridge is 1-way southbound
to Manhattan**

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes University Heights Bridge - 2005

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	580	---	---	---	---	---	408	988
1-2am	---	---	---	---	---	361	---	---	---	---	---	295	656
2-3am	---	---	---	---	---	255	---	---	---	---	---	203	458
3-4am	---	---	---	---	---	233	---	---	---	---	---	191	424
4-5am	---	---	---	---	---	268	---	---	---	---	---	320	588
5-6am	---	---	---	---	---	378	---	---	---	---	---	695	1,073
6-7am	---	---	---	---	---	615	---	---	---	---	---	1,209	1,824
7-8am	758	53	97	47	49	1,004	1,385	22	36	40	114	1,597 **	2,601
8-9am	812	9	86	61	79	1,047	1,221	12	26	49	100	1,408	2,455
9-10am	696	9	69	79	80	933	1,145	15	18	59	116	1,353	2,286
10-11am	817	4	42	40	32	935	1,057	4	4	29	63	1,157	2,092
11-12am	739	9	77	90	45	960	1,019	8	14	64	91	1,196	2,156
12-1pm	891	15	27	31	25	989	1,130	2	6	31	54	1,223	2,212
1-2pm	938	47	46	36	28	1,095	1,232	4	5	23	41	1,305	2,400
2-3pm	964	15	82	60	57	1,178 **	1,280	12	25	57	121	1,495	2,673 **
3-4pm	1,017	17	23	30	29	1,116	1,321	46	7	29	58	1,461	2,577
4-5pm	857	4	53	40	30	984	1,356	21	19	28	100	1,524	2,508
5-6pm	983	0	62	30	45	1,120	1,429	1	17	15	63	1,525	2,645
6-7pm	896	0	55	19	56	1,026	1,347	8	12	11	63	1,441	2,467
7-8pm	---	---	---	---	---	1,174	---	---	---	---	---	1,344	2,518
8-9pm	---	---	---	---	---	1,112	---	---	---	---	---	1,132	2,244
9-10pm	---	---	---	---	---	935	---	---	---	---	---	998	1,933
10-11pm	---	---	---	---	---	829	---	---	---	---	---	857	1,686
11-12pm	---	---	---	---	---	768	---	---	---	---	---	706	1,474
Totals	---	---	---	---	---	19,895	---	---	---	---	---	25,043	44,938
7-10am	2,266	71	252	187	208	2,984	3,751	49	80	148	330	4,358	7,342
10am-1pm	2,447	28	146	161	102	2,884	3,206	14	24	124	208	3,576	6,460
1-4pm	2,919	79	151	126	114	3,389	3,833	62	37	109	220	4,261	7,650
4-7pm	2,736	4	170	89	131	3,130	4,132	30	48	54	226	4,490	7,620
7am-7pm	10,368	182	719	563	555	12,387	14,922	155	189	435	984	16,685	29,072

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Washington Bridge - 2005

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	657	---	---	---	---	---	448	1,105
1-2am	---	---	---	---	---	381	---	---	---	---	---	280	661
2-3am	---	---	---	---	---	260	---	---	---	---	---	222	482
3-4am	---	---	---	---	---	223	---	---	---	---	---	209	432
4-5am	---	---	---	---	---	283	---	---	---	---	---	294	577
5-6am	---	---	---	---	---	481	---	---	---	---	---	601	1,082
6-7am	---	---	---	---	---	1,116	---	---	---	---	---	1,091	2,207
7-8am	1,786	68	38	61	131	2,084	1,224	57	109	35	25	1,450	3,534
8-9am	1,720	53	31	92	158	2,054	1,226	67	75	56	30	1,454	3,508
9-10am	1,396	46	30	110	105	1,687	1,045	36	53	40	28	1,202	2,889
10-11am	1,344	40	9	37	50	1,480	1,021	36	11	28	23	1,119	2,599
11-12am	1,204	29	17	66	76	1,392	997	47	29	31	38	1,142	2,534
12-1pm	1,199	40	18	24	58	1,339	1,131	29	10	21	16	1,207	2,546
1-2pm	1,380	34	6	35	53	1,508	1,243	31	18	20	15	1,327	2,835
2-3pm	1,367	33	25	67	79	1,571	1,324	62	47	56	44	1,533	3,104
3-4pm	1,733	41	12	34	87	1,907	1,507	47	47	47	23	1,671	3,578 **
4-5pm	1,942	46	59	71	216	2,334	1,394	40	71	86	48	1,639	3,973
5-6pm	2,284	42	63	45	120	2,554 **	1,504	30	46	34	43	1,657	4,211 **
6-7pm	2,028	26	36	27	90	2,207	1,303	36	52	18	29	1,438	3,645
7-8pm	---	---	---	---	---	2,095	---	---	---	---	---	1,411	3,506
8-9pm	---	---	---	---	---	1,733	---	---	---	---	---	1,134	2,867
9-10pm	---	---	---	---	---	1,380	---	---	---	---	---	971	2,351
10-11pm	---	---	---	---	---	1,113	---	---	---	---	---	814	1,927
11-12pm	---	---	---	---	---	1,191	---	---	---	---	---	675	1,866
Totals	---	---	---	---	---	33,030	---	---	---	---	---	24,989	58,019
7-10am	4,902	167	99	263	394	5,825	3,495	160	237	131	83	4,106	9,931
10am-1pm	3,747	109	44	127	184	4,211	3,149	112	50	80	77	3,468	7,679
1-4pm	4,480	108	43	136	219	4,986	4,074	140	112	123	82	4,531	9,517
4-7pm	6,254	114	158	143	426	7,095	4,201	106	169	138	120	4,734	11,829
7am-7pm	19,383	498	344	669	1,223	22,117	14,919	518	568	472	362	16,839	38,956

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Willis Avenue Bridge - 2005

	<i>Northbound to Bronx</i>						<i>Southbound to Manhattan</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	1,977							1,977
1-2am	---	---	---	---	---	1,180							1,180
2-3am	---	---	---	---	---	776							776
3-4am	---	---	---	---	---	692							692
4-5am	---	---	---	---	---	852							852
5-6am	---	---	---	---	---	1,485							1,485
6-7am	---	---	---	---	---	2,860							2,860
7-8am	3,079	91	143	178	124	3,615							3,615
8-9am	2,806	119	104	203	247	3,479							3,479
9-10am	2,111	124	104	253	234	2,826							2,826
10-11am	2,247	52	72	168	159	2,698							2,698
11-12am	2,055	36	121	295	273	2,780							2,780
12-1pm	2,462	42	52	151	103	2,810							2,810
1-2pm	2,766	25	42	116	147	3,096							3,096
2-3pm	2,577	31	126	371	374	3,479							3,479
3-4pm	3,603	65	62	173	168	4,071							4,071
4-5pm	3,333	39	128	285	449	4,234							4,234
5-6pm	3,640	65	121	203	447	4,476 **							4,476 **
6-7pm	3,584	34	109	126	242	4,095							4,095
7-8pm	---	---	---	---	---	3,509							3,509
8-9pm	---	---	---	---	---	3,387							3,387
9-10pm	---	---	---	---	---	3,145							3,145
10-11pm	---	---	---	---	---	2,803							2,803
11-12pm	---	---	---	---	---	2,383							2,383
Totals	---	---	---	---	---	66,708							66,708
7-10am	7,996	334	351	634	605	9,920							9,920
10am-1pm	6,764	130	245	614	535	8,288							8,288
1-4pm	8,946	121	230	660	689	10,646							10,646
4-7pm	10,557	138	358	614	1,138	12,805							12,805
7am-7pm	34,263	723	1,184	2,522	2,967	41,659							41,659

**Bridge is 1-way northbound
to The Bronx**

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes 145th Street Bridge - 2005

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	262	---	---	---	---	---	189	451
1-2am	---	---	---	---	---	175	---	---	---	---	---	114	289
2-3am	---	---	---	---	---	123	---	---	---	---	---	95	218
3-4am	---	---	---	---	---	92	---	---	---	---	---	90	182
4-5am	---	---	---	---	---	107	---	---	---	---	---	110	217
5-6am	---	---	---	---	---	164	---	---	---	---	---	196	360
6-7am	---	---	---	---	---	307	---	---	---	---	---	629	936
7-8am	548	26	35	35	9	653	948	44	19	41	37	1,089 **	1,742
8-9am	684	25	42	45	26	822	874	30	34	29	53	1,020	1,842
9-10am	547	12	37	58	23	677	572	19	34	27	61	713	1,390
10-11am	512	9	14	24	25	584	453	15	31	23	45	567	1,151
11-12am	480	15	28	65	42	630	409	10	41	42	49	551	1,181
12-1pm	544	12	16	39	16	627	536	10	10	8	13	577	1,204
1-2pm	570	12	32	30	17	661	574	29	11	14	8	636	1,297
2-3pm	577	17	32	99	42	767	550	21	26	25	36	658	1,425
3-4pm	797	21	22	39	27	906	717	28	8	7	10	770	1,676
4-5pm	857	14	56	96	53	1,076 **	728	16	13	8	20	785	1,861
5-6pm	871	10	50	72	65	1,068	749	16	13	9	12	799	1,867 **
6-7pm	794	25	28	21	44	912	658	21	5	3	10	697	1,609
7-8pm	---	---	---	---	---	762	---	---	---	---	---	532	1,294
8-9pm	---	---	---	---	---	689	---	---	---	---	---	460	1,149
9-10pm	---	---	---	---	---	572	---	---	---	---	---	406	978
10-11pm	---	---	---	---	---	456	---	---	---	---	---	351	807
11-12pm	---	---	---	---	---	384	---	---	---	---	---	292	676
Totals	---	---	---	---	---	13,476	---	---	---	---	---	12,326	25,802
7-10am	1,779	63	114	138	58	2,152	2,394	93	87	97	151	2,822	4,974
10am-1pm	1,536	36	58	128	83	1,841	1,398	35	82	73	107	1,695	3,536
1-4pm	1,944	50	86	168	86	2,334	1,841	78	45	46	54	2,064	4,398
4-7pm	2,522	49	134	189	162	3,056	2,135	53	31	20	42	2,281	5,337
7am-7pm	7,781	198	392	623	389	9,383	7,768	259	245	236	354	8,862	18,245

Based on 1989 Classification Survey Data

** Peak Volumes

***Brooklyn-Queens
Bridges***

Brooklyn - Queens Bridges
Average Daily Traffic Volumes
1948 - 2005

Year	Grand Street	Greenpoint Avenue	Kosciuszko	Pulaski	Totals
1948	5,447	15,314	32,761	23,362	76,884
1949	6,007	14,499	30,827	14,445	65,778
1950	6,455	17,822	40,782	13,939	78,998
1951	6,295	21,594	44,886	22,705	95,480
1952	7,053	22,862	49,738	28,716	108,369
1953	7,685	24,360	53,213	23,460	108,718
1954	8,467	24,680	65,154	19,898	118,199
1955	8,040	22,055	53,563	32,360	116,018
1956	7,043	22,393	66,932	24,513	120,881
1957	6,408	23,801	78,216	29,185	137,610
1958	13,537	33,276	39,093	24,191	110,097
1959	11,373	18,702	92,192	21,870	144,137
1960	9,209	18,914	86,322	20,614	135,059
1961	10,843	18,028	93,055	23,935	145,861
1962	11,520	17,450	103,530	28,040	160,540
1963	12,020	17,630	102,190	28,560	160,400
1964	13,570	19,180	106,790	33,030	172,570
1965	8,065	21,965	110,764	30,585	171,379
1966	14,333	21,806	131,298	31,447	198,884
1967	13,437	23,827	132,586	27,845	197,695
1968	18,703	20,890	71,500	35,931	147,024
1969	14,148	24,549	126,858	33,474	199,029
1970	12,121	20,998	136,335	25,255	194,709
1971	11,710	19,189	139,912	29,813	200,624
1972	14,564	34,562	121,443	29,630	200,199
1973	11,723	26,798	99,044	30,472	168,037
1974	8,889	21,195	120,949	29,738	180,771
1975	4,271	19,669	140,882	29,712	194,534
1976	7,280	19,171	140,407	23,843	190,701
1977	8,052	16,513	142,185	25,682	192,432
1978	7,206	18,708	144,408	24,399	194,721
1979	8,912	17,914	141,154	33,334	201,314
1980	10,062	18,681	142,513	24,763	196,019
1981	8,898	15,470	153,985	23,134	201,487
1982	9,203	17,898	129,553	23,134	179,788
1983	10,787	16,528	165,958	28,430	221,703
1984	11,378	18,668	164,865	29,298	224,209
1985	13,791	<i>Closea</i>	168,680	42,579	225,050
1986	11,413	14,338	168,314	30,751	224,816
1987	12,838	14,066	181,056	31,015	238,975
1988	12,845	18,478	158,978	32,570	222,871
1989	13,041	17,473	176,288	33,087	239,889
1990	13,880	20,295	176,940	32,293	243,408
1991	13,940	24,375	166,340	31,817	236,472
1992	13,900	24,093	166,980	26,224	231,197
1993	12,448	25,701	166,592	25,279	230,020
1994	13,175	26,329	166,354	25,799	231,657
1995	13,250	26,936	168,639	28,480	237,305
1996	12,382	26,528	170,504	30,338	239,752
1997	12,875	24,937	189,210	31,563	258,585
1998	15,328	25,604	195,192	32,200	268,324
1999	14,390	26,613	194,784	30,975	266,762
2000	15,508	26,143	200,872	37,421	279,944
2001	13,895	26,766	196,565	39,062	276,288
2002	13,088	26,306	184,379	38,348	262,121
2003	14,139	28,755	194,497	38,346	275,737
2004	13,459	28,437	193,612	40,146	275,654
2005	13,016	29,449	198,813	38,911	280,189

Hourly Vehicular Volumes Grand Street Bridge - 2005

	<i>Eastbound to Queens</i>						<i>Westbound to Brooklyn</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	55	---	---	---	---	---	56	111
1-2am	---	---	---	---	---	48	---	---	---	---	---	48	96
2-3am	---	---	---	---	---	60	---	---	---	---	---	52	112
3-4am	---	---	---	---	---	58	---	---	---	---	---	63	121
4-5am	---	---	---	---	---	67	---	---	---	---	---	81	148
5-6am	---	---	---	---	---	169	---	---	---	---	---	199	368
6-7am	---	---	---	---	---	325	---	---	---	---	---	419	744
7-8am	236	8	8	34	11	297	347	13	25	102	24	511	808
8-9am	234	5	9	89	21	358	286	6	28	150	46	516	874
9-10am	248	18	2	79	25	372	257	8	25	148	41	479	851
10-11am	265	5	5	62	32	369	331	10	11	62	17	431	800
11-12am	239	8	15	136	44	442	236	5	23	90	25	379	821
12-1pm	427	13	4	52	14	510	308	9	13	40	11	381	891
1-2pm	371	7	12	63	20	473	258	11	20	53	13	355	828
2-3pm	318	12	14	124	43	511	196	4	26	116	30	372	883
3-4pm	411	8	5	46	9	479	381	16	11	68	13	489	968
4-5pm	366	12	12	47	18	455	361	9	25	75	21	491	946
5-6pm	411	7	11	58	23	510	324	4	20	60	16	424	934
6-7pm	336	6	8	57	17	424	213	5	12	23	3	256	680
7-8pm	---	---	---	---	---	251	---	---	---	---	---	156	407
8-9pm	---	---	---	---	---	106	---	---	---	---	---	90	196
9-10pm	---	---	---	---	---	67	---	---	---	---	---	73	140
10-11pm	---	---	---	---	---	96	---	---	---	---	---	71	167
11-12pm	---	---	---	---	---	59	---	---	---	---	---	63	122
Totals	---	---	---	---	---	6,561	---	---	---	---	---	6,455	13,016
7-10am	718	31	19	202	57	1,027	890	27	78	400	111	1,506	2,533
10am-1pm	931	26	24	250	90	1,321	875	24	47	192	53	1,191	2,512
1-4pm	1,100	27	31	233	72	1,463	835	31	57	237	56	1,216	2,679
4-7pm	1,113	25	31	162	58	1,389	898	18	57	158	40	1,171	2,560
7am-7pm	3,862	109	105	847	277	5,200	3,498	100	239	987	260	5,084	10,284

Based on 1989 Classification Survey Dat:

** Peak Volumes

Hourly Vehicular Volumes Greenpoint Avenue Bridge - 2005

	<i>Eastbound to Queens</i>						<i>Westbound to Brooklyn</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	153	---	---	---	---	---	134	287
1-2am	---	---	---	---	---	119	---	---	---	---	---	92	211
2-3am	---	---	---	---	---	96	---	---	---	---	---	64	160
3-4am	---	---	---	---	---	93	---	---	---	---	---	77	170
4-5am	---	---	---	---	---	166	---	---	---	---	---	133	299
5-6am	---	---	---	---	---	320	---	---	---	---	---	485	805
6-7am	---	---	---	---	---	675	---	---	---	---	---	1,128 **	1,803
7-8am	631	13	21	136	45	846	696	11	54	212	85	1,058	1,904
8-9am	529	15	24	201	46	815	667	12	33	190	84	986	1,801
9-10am	379	6	25	196	66	672	481	15	59	289	124	968	1,640
10-11am	678	4	8	98	44	832	582	6	29	168	57	842	1,674
11-12am	588	16	25	245	103	977	343	6	20	249	137	755	1,732
12-1pm	733	4	15	104	35	891	431	5	24	105	54	619	1,510
1-2pm	762	13	19	107	26	927	481	15	37	119	42	694	1,621
2-3pm	729	8	32	228	110	1,107	183	11	97	362	137	790	1,897
3-4pm	1,154	11	13	111	45	1,334 **	773	7	26	110	32	948	2,282 **
4-5pm	902	14	40	151	93	1,200	819	10	36	122	55	1,042	2,242
5-6pm	939	10	37	145	82	1,213	763	10	58	85	66	982	2,195
6-7pm	775	16	22	99	69	981	544	16	23	67	42	692	1,673
7-8pm	---	---	---	---	---	722	---	---	---	---	---	460	1,182
8-9pm	---	---	---	---	---	484	---	---	---	---	---	320	804
9-10pm	---	---	---	---	---	352	---	---	---	---	---	284	636
10-11pm	---	---	---	---	---	287	---	---	---	---	---	214	501
11-12pm	---	---	---	---	---	236	---	---	---	---	---	184	420
Totals	---	---	---	---	---	15,498	---	---	---	---	---	13,951	29,449
7-10am	1,539	34	70	533	157	2,333	1,844	38	146	691	293	3,012	5,345
10am-1pm	1,999	24	48	447	182	2,700	1,356	17	73	522	248	2,216	4,916
1-4pm	2,645	32	64	446	181	3,368	1,437	33	160	591	211	2,432	5,800
4-7pm	2,616	40	99	395	244	3,394	2,126	36	117	274	163	2,716	6,110
7am-7pm	8,799	130	281	1,821	764	11,795	6,763	124	496	2,078	915	10,376	22,171

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Kosciuszko Bridge - 2005

	<i>Eastbound to Queens</i>						<i>Westbound to Brooklyn</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	2,638	---	---	---	---	---	1,799	4,437
1-2am	---	---	---	---	---	1,931	---	---	---	---	---	1,129	3,060
2-3am	---	---	---	---	---	1,479	---	---	---	---	---	913	2,392
3-4am	---	---	---	---	---	1,385	---	---	---	---	---	1,061	2,446
4-5am	---	---	---	---	---	1,988	---	---	---	---	---	1,810	3,798
5-6am	---	---	---	---	---	3,206	---	---	---	---	---	4,158	7,364
6-7am	---	---	---	---	---	5,208	---	---	---	---	---	5,628 **	10,836
7-8am	4,595	61	124	482	312	5,574	4,675	14	63	370	350	5,472	11,046 **
8-9am	4,391	20	140	487	324	5,362	4,346	14	37	411	359	5,167	10,529
9-10am	4,032	40	116	441	340	4,969	4,090	15	64	534	381	5,084	10,053
10-11am	3,949	22	109	263	206	4,549	4,223	7	35	249	164	4,678	9,227
11-12am	3,602	12	195	603	436	4,848	3,897	8	75	601	320	4,901	9,749
12-1pm	4,301	11	74	275	193	4,854	4,170	8	72	333	167	4,750	9,604
1-2pm	4,123	42	129	556	463	5,313	3,678	10	87	600	400	4,775	10,088
2-3pm	4,025	22	171	521	464	5,203	3,831	14	78	572	397	4,892	10,095
3-4pm	4,994	17	81	115	236	5,443	4,396	18	24	234	170	4,842	10,285
4-5pm	4,724	25	134	242	441	5,566	4,288	17	69	345	278	4,997	10,563
5-6pm	4,707	19	93	332	293	5,444	4,242	8	49	328	307	4,934	10,378
6-7pm	4,953	11	80	111	296	5,451	4,264	8	18	215	279	4,784	10,235
7-8pm	---	---	---	---	---	5,612 **	---	---	---	---	---	4,483	10,095
8-9pm	---	---	---	---	---	5,255	---	---	---	---	---	4,118	9,373
9-10pm	---	---	---	---	---	4,865	---	---	---	---	---	3,989	8,854
10-11pm	---	---	---	---	---	4,345	---	---	---	---	---	3,673	8,018
11-12pm	---	---	---	---	---	3,495	---	---	---	---	---	2,793	6,288
Totals	---	---	---	---	---	103,983	---	---	---	---	---	94,830	198,813
7-10am	13,018	121	380	1,410	976	15,905	13,111	43	164	1,315	1,090	15,723	31,628
10am-1pm	11,852	45	378	1,141	835	14,251	12,290	23	182	1,183	651	14,329	28,580
1-4pm	13,142	81	381	1,192	1,163	15,959	11,905	42	189	1,406	967	14,509	30,468
4-7pm	14,384	55	307	685	1,030	16,461	12,794	33	136	888	864	14,715	31,176
7am-7pm	52,396	302	1,446	4,428	4,004	62,576	50,100	141	671	4,792	3,572	59,276	121,852

Based on 1989 Classification Survey Dat:

** Peak Volumes

Hourly Vehicular Volumes Pulaski Bridge - 2005

	<i>Northbound to Queens</i>						<i>Southbound to Brooklyn</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	231	---	---	---	---	---	355	586
1-2am	---	---	---	---	---	177	---	---	---	---	---	220	397
2-3am	---	---	---	---	---	132	---	---	---	---	---	173	305
3-4am	---	---	---	---	---	133	---	---	---	---	---	168	301
4-5am	---	---	---	---	---	216	---	---	---	---	---	197	413
5-6am	---	---	---	---	---	664	---	---	---	---	---	356	1,020
6-7am	---	---	---	---	---	1,415	---	---	---	---	---	730	2,145
7-8am	1,163	25	55	178	153	1,574 **	739	15	30	205	124	1,113	2,687
8-9am	1,089	19	43	201	153	1,505	755	14	38	212	168	1,187	2,692
9-10am	681	16	43	197	138	1,075	595	16	27	193	148	979	2,054
10-11am	738	12	24	109	80	963	727	11	19	94	66	917	1,880
11-12am	618	12	49	250	175	1,104	564	15	40	224	146	989	2,093
12-1pm	820	10	20	115	87	1,052	787	12	16	101	63	979	2,031
1-2pm	822	22	29	130	93	1,096	825	22	31	108	59	1,045	2,141
2-3pm	722	19	42	230	173	1,186	702	15	39	310	115	1,181	2,367
3-4pm	1,010	22	18	109	83	1,242	1,289	23	29	125	93	1,559	2,801
4-5pm	912	10	39	116	135	1,212	1,284	13	52	178	150	1,677 **	2,889 **
5-6pm	920	8	42	41	108	1,119	1,335	10	36	118	123	1,622	2,741
6-7pm	704	12	33	58	83	890	930	10	24	67	75	1,106	1,996
7-8pm	---	---	---	---	---	727	---	---	---	---	---	797	1,524
8-9pm	---	---	---	---	---	525	---	---	---	---	---	653	1,178
9-10pm	---	---	---	---	---	416	---	---	---	---	---	540	956
10-11pm	---	---	---	---	---	398	---	---	---	---	---	459	857
11-12pm	---	---	---	---	---	428	---	---	---	---	---	429	857
Totals	---	---	---	---	---	19,480	---	---	---	---	---	19,431	38,911
7-10am	2,933	60	141	576	444	4,154	2,089	45	95	610	440	3,279	7,433
10am-1pm	2,176	34	93	474	342	3,119	2,078	38	75	419	275	2,885	6,004
1-4pm	2,554	63	89	469	349	3,524	2,816	60	99	543	267	3,785	7,309
4-7pm	2,536	30	114	215	326	3,221	3,549	33	112	363	348	4,405	7,626
7am-7pm	10,199	187	437	1,734	1,461	14,018	10,532	176	381	1,935	1,330	14,354	28,372

Based on 1989 Classification Survey Data

** Peak Volumes

***Bronx
Bridges***

Bronx Bridges
Average Daily Traffic Volumes
1948 - 2005

Year	City Island	East 174th Street	Eastchester	Eastern Boulevard	Hutchinson River Pky
1948	4,249	8,995	15,012	44,563	15,085
1949	4,078	8,287	11,322	42,615	20,087
1950	3,712	10,607	13,715	48,184	21,513
1951	3,588	11,187	14,992	46,804	21,237
1952	3,474	11,588	15,964	68,245	24,247
1953	4,850	9,996	14,341	58,492	32,805
1954	3,969	11,299	15,079	78,010	24,706
1955	3,855	11,533	14,087	60,892	27,337
1956	5,377	8,329	14,715	63,449	37,155
1957	5,301	8,873	13,163	60,323	33,533
1958	3,925	6,927	11,192	56,647	34,067
1959	4,442	8,539	11,728	50,787	31,559
1960	6,071	9,259	9,527	67,082	33,048
1961	7,167	12,863	5,491	71,734	34,858
1962	6,030	12,420	8,590	85,070	28,330
1963	7,210	9,190	10,840	80,840	35,690
1964	8,930	10,540	11,480	94,660	37,790
1965	9,909	10,272	12,853	94,167	48,870
1966	7,512	10,867	12,000	88,510	52,483
1967	8,269	12,583	12,000	70,612	47,693
1968	8,508	12,296	11,472	82,581	50,427
1969	9,267	11,034	13,940	93,850	48,629
1970	8,996	10,924	15,977	106,685	42,887
1971	8,724	10,473	26,743	126,757	49,136
1972	9,433	10,676	22,801	145,755	47,487
1973	12,481	11,909	21,800	104,293	51,137
1974	10,009	9,994	20,724	124,668	47,737
1975	11,836	9,356	20,599	123,389	51,629
1976	10,112	9,632	17,351	124,087	52,498
1977	10,073	7,493	17,935	114,478	51,613
1978	10,559	7,967	19,595	122,745	68,239
1979	10,355	6,203	16,893	128,836	47,187
1980	9,922	6,328	17,644	126,040	57,192
1981	10,216	6,037	17,723	125,133	59,824
1982	10,447	6,641	18,848	125,945	69,091
1983	11,056	10,252	18,162	130,492	59,615
1984	11,715	10,134	21,448	136,387	69,925
1985	10,180	<i>Closed</i>	20,955	138,725	59,455
1986	14,063	9,632	20,571	147,789	78,211
1987	12,639	10,489	22,870	154,741	79,179
1988	13,444	10,659	23,275	154,385	80,904
1989	13,843	11,574	19,307	136,008	85,410
1990	16,240	13,702	20,559	117,384	91,280
1991	15,299	14,587	20,520	122,414	76,794
1992	13,960	15,558	20,783	123,097	76,641
1993	13,938	13,734	20,825	128,713	78,053
1994	13,867	12,876	19,997	125,592	80,773
1995	14,911	12,428	18,872	130,647	85,985
1996	14,062	12,719	20,172	133,517	84,158
1997	14,264	11,955	21,001	133,278	85,703
1998	14,954	13,758	21,415	151,238	93,304
1999	16,863	5,667	21,510	157,987	98,700
2000	18,844	11,838	22,583	163,954	105,792
2001	20,012	12,093	22,810	169,437	108,191
2002	16,637	12,786	22,255	178,983	110,141
2003	14,617	14,229	24,193	170,735	117,195
2004	14,528	12,184	22,480	178,724	119,029
2005	15,297	13,632	22,318	183,743	118,387

Bronx Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2005

<i>Year</i>	<i>Pelham</i>	<i>Unionport</i>	<i>Westchester Avenue</i>	<i>Totals</i>
1948	5,084	37,359	10,900	141,247
1949	5,252	30,278	13,763	135,682
1950	5,872	32,969	14,401	150,973
1951	4,357	30,100	12,962	145,227
1952	4,511	40,854	14,570	183,453
1953	4,331	38,468	14,716	177,999
1954	5,998	28,890	15,106	183,057
1955	4,122	45,292	13,131	180,249
1956	6,908	47,992	13,884	197,809
1957	6,824	45,010	11,004	184,031
1958	5,599	69,044	9,547	196,948
1959	5,731	62,198	13,547	188,531
1960	6,844	59,433	14,493	205,757
1961	9,857	107,115	10,820	259,905
1962	6,410	104,820	11,350	263,020
1963	9,780	113,680	24,010	291,240
1964	11,010	134,200	19,580	328,190
1965	13,345	139,724	22,218	351,358
1966	10,064	149,176	23,417	354,029
1967	11,025	149,032	26,768	337,982
1968	15,521	177,024	31,690	389,519
1969	11,624	168,297	22,213	378,854
1970	11,320	146,748	23,067	366,604
1971	13,098	135,254	20,855	391,040
1972	16,440	70,659	22,291	345,542
1973	10,852	30,459	29,185	272,116
1974	12,963	33,528	22,386	282,009
1975	12,992	34,648	20,323	284,772
1976	13,284	29,903	23,448	280,315
1977	12,177	33,289	21,422	268,480
1978	14,866	36,515	20,762	301,248
1979	12,978	34,574	20,640	277,666
1980	16,327	28,702	22,228	284,383
1981	13,210	34,492	21,298	287,933
1982	Closed	37,935	22,693	291,600
1983	10,740	38,676	22,693	301,686
1984	14,862	41,548	Closed	306,019
1985	12,603	42,915	26,239	311,072
1986	15,753	45,382	24,856	356,257
1987	14,498	45,450	22,624	362,490
1988	15,144	41,573	25,186	364,570
1989	15,644	43,696	29,445	354,927
1990	18,728	38,541	27,140	343,574
1991	20,917	37,842	30,548	338,921
1992	23,895	40,348	29,462	343,744
1993	20,235	40,385	20,893	336,776
1994	23,960	41,910	21,540	340,515
1995	23,598	39,811	21,757	348,009
1996	24,807	47,953	24,117	361,505
1997	22,963	47,941	25,741	362,846
1998	23,264	48,975	25,863	392,771
1999	21,430	50,563	31,214	403,934
2000	23,007	49,006	29,922	424,946
2001	22,694	52,418	31,584	439,239
2002	15,663	51,347	29,551	437,363
2003	18,023	60,993	28,201	448,186
2004	18,292	60,908	26,861	453,006
2005	17,972	60,605	27,195	459,149

Hourly Vehicular Volumes City Island Bridge - 2005

	Eastbound						Westbound						2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	81	---	---	---	---	---	81	162
1-2am	---	---	---	---	---	40	---	---	---	---	---	46	86
2-3am	---	---	---	---	---	22	---	---	---	---	---	27	49
3-4am	---	---	---	---	---	15	---	---	---	---	---	21	36
4-5am	---	---	---	---	---	22	---	---	---	---	---	29	51
5-6am	---	---	---	---	---	49	---	---	---	---	---	89	138
6-7am	---	---	---	---	---	121	---	---	---	---	---	264	385
7-8am	201	8	11	5	17	242	457	10	0	19	20	506	748
8-9am	254	15	12	8	37	326	444	16	0	16	35	511	837
9-10am	238	4	4	8	29	283	314	4	0	10	19	347	630
10-11am	280	0	4	7	9	300	300	3	1	8	2	314	614
11-12am	346	6	10	7	36	405	301	5	0	2	3	311	716
12-1pm	444	2	9	3	22	480	314	7	0	4	2	327	807
1-2pm	474	3	1	7	23	508	423	2	0	6	20	451	959
2-3pm	470	11	15	22	45	563	400	10	2	22	31	465	1,028
3-4pm	577	12	6	8	14	617	484	15	0	5	10	514	1,131
4-5pm	566	3	24	11	45	649	466	2	0	9	28	505	1,154
5-6pm	631	7	13	8	23	682	412	4	0	9	17	442	1,124
6-7pm	623	5	6	10	17	661	438	7	0	8	10	463	1,124
7-8pm	---	---	---	---	---	589	---	---	---	---	---	441	1,030
8-9pm	---	---	---	---	---	421	---	---	---	---	---	449	870
9-10pm	---	---	---	---	---	299	---	---	---	---	---	400	699
10-11pm	---	---	---	---	---	206	---	---	---	---	---	320	526
11-12pm	---	---	---	---	---	154	---	---	---	---	---	239	393
Totals	---	---	---	---	---	7,735	---	---	---	---	---	7,562	15,297
7-10am	693	27	27	21	83	851	1,215	30	0	45	74	1,364	2,215
10am-1pm	1,070	8	23	17	67	1,185	915	15	1	14	7	952	2,137
1-4pm	1,521	26	22	37	82	1,688	1,307	27	2	33	61	1,430	3,118
4-7pm	1,820	15	43	29	85	1,992	1,316	13	0	26	55	1,410	3,402
7am-7pm	5,104	76	115	104	317	5,716	4,753	85	3	118	197	5,156	10,872

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes East 174th Street Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	84	---	---	---	---	---	72	156
1-2am	---	---	---	---	---	44	---	---	---	---	---	45	89
2-3am	---	---	---	---	---	31	---	---	---	---	---	44	75
3-4am	---	---	---	---	---	22	---	---	---	---	---	19	41
4-5am	---	---	---	---	---	41	---	---	---	---	---	59	100
5-6am	---	---	---	---	---	93	---	---	---	---	---	92	185
6-7am	---	---	---	---	---	214	---	---	---	---	---	213	427
7-8am	279	26	9	12	14	340	534	28	19	7	35	623	963
8-9am	308	46	9	30	12	405	578	30	26	13	41	688	1,093 **
9-10am	247	24	9	15	17	312	327	14	11	8	30	390	702
10-11am	248	15	5	12	9	289	268	23	4	4	1	300	589
11-12am	227	19	19	29	24	318	273	12	4	23	28	340	658
12-1pm	304	10	10	15	14	353	278	15	4	6	7	310	663
1-2pm	361	10	12	12	14	409	331	15	6	5	10	367	776
2-3pm	353	30	23	34	21	461	351	33	13	17	29	443	904
3-4pm	324	22	8	8	8	370	480	40	9	2	26	557	927
4-5pm	416	11	20	25	21	493 **	459	17	14	14	29	533	1,026
5-6pm	419	11	12	17	16	475	502	20	14	2	24	562	1,037
6-7pm	431	19	6	11	16	483	390	12	12	3	14	431	914
7-8pm	---	---	---	---	---	354	---	---	---	---	---	318	672
8-9pm	---	---	---	---	---	288	---	---	---	---	---	257	545
9-10pm	---	---	---	---	---	254	---	---	---	---	---	218	472
10-11pm	---	---	---	---	---	207	---	---	---	---	---	141	348
11-12pm	---	---	---	---	---	161	---	---	---	---	---	109	270
Totals	---	---	---	---	---	6,501	---	---	---	---	---	7,131	13,632
7-10am	834	96	27	57	43	1,057	1,439	72	56	28	106	1,701	2,758
10am-1pm	779	44	34	56	47	960	819	50	12	33	36	950	1,910
1-4pm	1,038	62	43	54	43	1,240	1,162	88	28	24	65	1,367	2,607
4-7pm	1,266	41	38	53	53	1,451	1,351	49	40	19	67	1,526	2,977
7am-7pm	3,917	243	142	220	186	4,708	4,771	259	136	104	274	5,544	10,252

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Eastchester Bridge - 2005

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	91	---	---	---	---	---	112	203
1-2am	---	---	---	---	---	50	---	---	---	---	---	55	105
2-3am	---	---	---	---	---	42	---	---	---	---	---	35	77
3-4am	---	---	---	---	---	57	---	---	---	---	---	38	95
4-5am	---	---	---	---	---	57	---	---	---	---	---	75	132
5-6am	---	---	---	---	---	147	---	---	---	---	---	177	324
6-7am	---	---	---	---	---	382	---	---	---	---	---	417	799
7-8am	548	18	0	32	24	622	588	10	10	81	23	712	1,334
8-9am	589	14	0	51	41	695	534	14	16	88	28	680	1,375
9-10am	489	16	0	40	34	579	429	20	22	133	47	651	1,230
10-11am	536	7	0	23	19	585	517	8	15	38	19	597	1,182
11-12am	570	5	0	35	41	651	504	9	17	86	39	655	1,306
12-1pm	645	8	0	12	22	687	651	7	6	31	19	714	1,401
1-2pm	662	8	0	13	19	702	661	8	4	39	12	724	1,426
2-3pm	728	17	0	38	25	808	564	11	14	104	27	720	1,528
3-4pm	784	14	0	22	20	840 **	721	17	10	45	12	805	1,645
4-5pm	748	9	0	25	38	820	745	9	15	42	21	832	1,652 **
5-6pm	716	9	0	25	37	787	753	9	12	38	28	840 **	1,627
6-7pm	648	12	0	13	14	687	705	17	9	35	9	775	1,462
7-8pm	---	---	---	---	---	501	---	---	---	---	---	623	1,124
8-9pm	---	---	---	---	---	350	---	---	---	---	---	430	780
9-10pm	---	---	---	---	---	274	---	---	---	---	---	359	633
10-11pm	---	---	---	---	---	218	---	---	---	---	---	263	481
11-12pm	---	---	---	---	---	157	---	---	---	---	---	240	397
Totals	---	---	---	---	---	10,789	---	---	---	---	---	11,529	22,318
7-10am	1,626	48	0	123	99	1,896	1,551	44	48	302	98	2,043	3,939
10am-1pm	1,751	20	0	70	82	1,923	1,672	24	38	155	77	1,966	3,889
1-4pm	2,174	39	0	73	64	2,350	1,946	36	28	188	51	2,249	4,599
4-7pm	2,112	30	0	63	89	2,294	2,203	35	36	115	58	2,447	4,741
7am-7pm	7,663	137	0	329	334	8,463	7,372	139	150	760	284	8,705	17,168

Based on 1989 Classification Survey Dat:

** Peak Volumes

Hourly Vehicular Volumes Eastern Boulevard Bridge - 2005

	Eastbound						Westbound						2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	1,756	---	---	---	---	---	1,136	2,892
1-2am	---	---	---	---	---	1,011	---	---	---	---	---	782	1,793
2-3am	---	---	---	---	---	773	---	---	---	---	---	724	1,497
3-4am	---	---	---	---	---	620	---	---	---	---	---	867	1,487
4-5am	---	---	---	---	---	820	---	---	---	---	---	1,353	2,173
5-6am	---	---	---	---	---	1,606	---	---	---	---	---	3,239	4,845
6-7am	---	---	---	---	---	3,187	---	---	---	---	---	6,213	9,400
7-8am	3,913	59	73	440	143	4,628	5,861	106	127	377	277	6,748	11,376
8-9am	3,932	114	105	557	236	4,944	5,729	81	153	488	314	6,765	11,709
9-10am	3,260	102	117	546	212	4,237	4,782	49	89	348	253	5,521	9,758
10-11am	3,392	24	50	278	106	3,850	4,430	38	57	175	104	4,804	8,654
11-12am	3,255	16	148	435	262	4,116	4,105	28	115	317	223	4,788	8,904
12-1pm	3,940	21	71	216	125	4,373	4,100	27	33	172	98	4,430	8,803
1-2pm	4,490	29	1	158	90	4,768	4,213	55	58	171	60	4,557	9,325
2-3pm	5,297	47	0	298	220	5,862	4,435	121	97	367	141	5,161	11,023
3-4pm	6,451	46	0	172	108	6,777	4,912	71	44	191	55	5,273	12,050
4-5pm	6,285	41	0	331	208	6,865	4,558	111	131	303	178	5,281	12,146
5-6pm	6,527	67	0	103	189	6,886	4,568	35	138	176	88	5,005	11,891
6-7pm	5,483	45	0	152	147	5,827	4,419	39	80	89	62	4,689	10,516
7-8pm	---	---	---	---	---	4,687	---	---	---	---	---	4,080	8,767
8-9pm	---	---	---	---	---	4,239	---	---	---	---	---	3,243	7,482
9-10pm	---	---	---	---	---	3,819	---	---	---	---	---	3,056	6,875
10-11pm	---	---	---	---	---	3,174	---	---	---	---	---	2,665	5,839
11-12pm	---	---	---	---	---	2,547	---	---	---	---	---	1,991	4,538
Totals	---	---	---	---	---	91,372	---	---	---	---	---	92,371	183,743
7-10am	11,105	275	295	1,543	591	13,809	16,372	236	369	1,213	844	19,034	32,843
10am-1pm	10,587	61	269	929	493	12,339	12,635	93	205	664	425	14,022	26,361
1-4pm	16,238	122	1	628	418	17,407	13,560	247	199	729	256	14,991	32,398
4-7pm	18,295	153	0	586	544	19,578	13,545	185	349	568	328	14,975	34,553
7am-7pm	56,225	611	565	3,686	2,046	63,133	56,112	761	1,122	3,174	1,853	63,022	126,155

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Hutchinson River Parkway Bridge - 2005

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	816	---	---	---	---	---	500	1,316
1-2am	---	---	---	---	---	426	---	---	---	---	---	265	691
2-3am	---	---	---	---	---	219	---	---	---	---	---	180	399
3-4am	---	---	---	---	---	164	---	---	---	---	---	193	357
4-5am	---	---	---	---	---	285	---	---	---	---	---	578	863
5-6am	---	---	---	---	---	1,072	---	---	---	---	---	1,607	2,679
6-7am	---	---	---	---	---	2,835	---	---	---	---	---	3,150	5,985
7-8am	4,199	4	108	157	78	4,546 **	3,973	1	19	10	109	4,112	8,658 **
8-9am	3,768	7	67	130	52	4,024	3,671	2	6	7	73	3,759	7,783
9-10am	3,005	1	84	106	67	3,263	2,893	7	13	11	86	3,010	6,273
10-11am	2,678	3	37	62	34	2,814	2,505	3	6	6	26	2,546	5,360
11-12am	2,301	0	105	101	65	2,572	2,581	0	9	11	122	2,723	5,295
12-1pm	2,635	0	32	55	26	2,748	2,846	0	3	3	41	2,893	5,641
1-2pm	2,739	6	50	69	32	2,896	2,822	6	7	0	61	2,896	5,792
2-3pm	3,235	5	127	180	70	3,617	3,276	6	14	6	113	3,415	7,032
3-4pm	4,003	3	60	77	37	4,180	3,710	12	3	3	70	3,798	7,978
4-5pm	3,479	1	82	218	77	3,857	4,190	0	18	0	77	4,285 **	8,142
5-6pm	3,810	1	85	142	63	4,101	4,056	0	11	8	91	4,166	8,267
6-7pm	3,721	0	77	107	63	3,968	3,795	0	15	2	79	3,891	7,859
7-8pm	---	---	---	---	---	3,319	---	---	---	---	---	3,298	6,617
8-9pm	---	---	---	---	---	2,715	---	---	---	---	---	2,326	5,041
9-10pm	---	---	---	---	---	2,330	---	---	---	---	---	1,884	4,214
10-11pm	---	---	---	---	---	2,026	---	---	---	---	---	1,534	3,560
11-12pm	---	---	---	---	---	1,598	---	---	---	---	---	987	2,585
Totals	---	---	---	---	---	60,391	---	---	---	---	---	57,996	118,387
7-10am	10,972	12	259	393	197	11,833	10,537	10	38	28	268	10,881	22,714
10am-1pm	7,614	3	174	218	125	8,134	7,932	3	18	20	189	8,162	16,296
1-4pm	9,977	14	237	326	139	10,693	9,808	24	24	9	244	10,109	20,802
4-7pm	11,010	2	244	467	203	11,926	12,041	0	44	10	247	12,342	24,268
7am-7pm	39,573	31	914	1,404	664	42,586	40,318	37	124	67	948	41,494	84,080

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Pelham Bridge - 2005

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	73	---	---	---	---	---	105	178
1-2am	---	---	---	---	---	33	---	---	---	---	---	45	78
2-3am	---	---	---	---	---	24	---	---	---	---	---	32	56
3-4am	---	---	---	---	---	12	---	---	---	---	---	16	28
4-5am	---	---	---	---	---	35	---	---	---	---	---	30	65
5-6am	---	---	---	---	---	166	---	---	---	---	---	77	243
6-7am	---	---	---	---	---	373	---	---	---	---	---	246	619
7-8am	321	14	11	23	16	385	431	14	11	20	19	495	880
8-9am	350	15	5	31	27	428	417	17	13	37	36	520	948
9-10am	296	7	2	22	25	352	265	4	7	28	17	321	673
10-11am	325	2	3	29	23	382	294	7	10	10	22	343	725
11-12am	422	5	7	25	35	494	282	4	10	55	24	375	869
12-1pm	506	12	2	6	18	544	299	9	2	8	5	323	867
1-2pm	454	7	0	13	9	483	576	11	9	21	14	631	1,114
2-3pm	645	26	10	38	41	760 **	537	14	7	33	21	612	1,372
3-4pm	679	16	1	17	26	739	708	29	7	22	14	780	1,519
4-5pm	675	6	5	17	38	741	773	10	3	26	22	834 **	1,575 **
5-6pm	602	8	3	19	31	663	496	13	14	12	27	562	1,225
6-7pm	583	8	3	4	24	622	595	9	14	20	14	652	1,274
7-8pm	---	---	---	---	---	520	---	---	---	---	---	539	1,059
8-9pm	---	---	---	---	---	385	---	---	---	---	---	493	878
9-10pm	---	---	---	---	---	305	---	---	---	---	---	497	802
10-11pm	---	---	---	---	---	203	---	---	---	---	---	314	517
11-12pm	---	---	---	---	---	153	---	---	---	---	---	255	408
Totals	---	---	---	---	---	8,875	---	---	---	---	---	9,097	17,972
7-10am	967	36	18	76	68	1,165	1,113	35	31	85	72	1,336	2,501
10am-1pm	1,253	19	12	60	76	1,420	875	20	22	73	51	1,041	2,461
1-4pm	1,778	49	11	68	76	1,982	1,821	54	23	76	49	2,023	4,005
4-7pm	1,860	22	11	40	93	2,026	1,864	32	31	58	63	2,048	4,074
7am-7pm	5,858	126	52	244	313	6,593	5,673	141	107	292	235	6,448	13,041

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Unionport Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals	
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals		
12-1am	---	---	---	---	---	318	---	---	---	---	---	317	635	
1-2am	---	---	---	---	---	186	---	---	---	---	---	197	383	
2-3am	---	---	---	---	---	148	---	---	---	---	---	147	295	
3-4am	---	---	---	---	---	135	---	---	---	---	---	171	306	
4-5am	---	---	---	---	---	199	---	---	---	---	---	234	433	
5-6am	---	---	---	---	---	435	---	---	---	---	---	766	1,201	
6-7am	---	---	---	---	---	1,015	---	---	---	---	---	1,633	2,648	
7-8am	1,459	39	22	122	40	1,682	2,164	42	2	46	65	2,319	** 4,001	
8-9am	1,609	39	50	137	72	1,907	2,118	27	0	73	53	2,271	4,178	
9-10am	1,042	29	51	110	69	1,301	1,537	20	0	45	59	1,661	2,962	
10-11am	1,134	17	18	74	42	1,285	1,432	20	0	17	52	1,521	2,806	
11-12am	1,080	14	56	152	74	1,376	1,453	17	0	94	113	1,677	3,053	
12-1pm	1,341	14	29	85	39	1,508	1,733	12	0	40	34	1,819	3,327	
1-2pm	1,422	12	47	169	92	1,742	1,536	23	2	111	111	1,783	3,525	
2-3pm	1,771	20	53	161	66	2,071	1,678	27	0	101	104	1,910	3,981	
3-4pm	2,185	17	21	73	43	2,339	** 1,901	47	0	46	67	2,061	4,400	
4-5pm	1,997	20	42	160	78	2,297	1,887	30	0	71	141	2,129	4,426	**
5-6pm	1,915	24	49	139	41	2,168	1,912	30	0	67	80	2,089	4,257	
6-7pm	1,695	34	46	101	35	1,911	1,647	18	0	31	52	1,748	3,659	
7-8pm	---	---	---	---	---	1,612	---	---	---	---	---	1,473	3,085	
8-9pm	---	---	---	---	---	1,136	---	---	---	---	---	1,118	2,254	
9-10pm	---	---	---	---	---	1,055	---	---	---	---	---	955	2,010	
10-11pm	---	---	---	---	---	816	---	---	---	---	---	751	1,567	
11-12pm	---	---	---	---	---	631	---	---	---	---	---	582	1,213	
Totals	---	---	---	---	---	29,273	---	---	---	---	---	31,332	60,605	
7-10am	4,110	107	123	369	181	4,890	5,819	89	2	164	177	6,251	11,141	
10am-1pm	3,555	45	103	311	155	4,169	4,618	49	0	151	199	5,017	9,186	
1-4pm	5,378	49	121	403	201	6,152	5,115	97	2	258	282	5,754	11,906	
4-7pm	5,607	78	137	400	154	6,376	5,446	78	0	169	273	5,966	12,342	
7am-7pm	18,650	279	484	1,483	691	21,587	20,998	313	4	742	931	22,988	44,575	

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Westchester Avenue Bridge - 2005

	Eastbound						Westbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	220	---	---	---	---	---	153	373
1-2am	---	---	---	---	---	142	---	---	---	---	---	90	232
2-3am	---	---	---	---	---	98	---	---	---	---	---	74	172
3-4am	---	---	---	---	---	85	---	---	---	---	---	53	138
4-5am	---	---	---	---	---	99	---	---	---	---	---	88	187
5-6am	---	---	---	---	---	190	---	---	---	---	---	175	365
6-7am	---	---	---	---	---	441	---	---	---	---	---	442	883
7-8am	649	40	19	29	25	762	810	37	1	22	59	929 **	1,691
8-9am	707	60	9	28	27	831	744	40	1	30	43	858	1,689
9-10am	659	33	14	14	20	740	540	14	0	25	52	631	1,371
10-11am	672	35	5	11	16	739	516	16	0	12	9	553	1,292
11-12am	690	32	9	39	48	818	482	17	0	38	58	595	1,413
12-1pm	766	23	2	9	16	816	547	21	0	26	26	620	1,436
1-2pm	793	48	10	18	18	887	632	23	0	12	29	696	1,583
2-3pm	849	62	7	37	55	1,010	645	33	0	23	48	749	1,759
3-4pm	935	72	2	15	12	1,036	751	27	0	15	18	811	1,847
4-5pm	969	40	23	22	20	1,074 **	795	37	0	26	49	907	1,981 **
5-6pm	965	22	12	21	33	1,053	688	20	0	21	72	801	1,854
6-7pm	954	31	2	10	42	1,039	644	10	0	2	67	723	1,762
7-8pm	---	---	---	---	---	900	---	---	---	---	---	634	1,534
8-9pm	---	---	---	---	---	692	---	---	---	---	---	511	1,203
9-10pm	---	---	---	---	---	581	---	---	---	---	---	376	957
10-11pm	---	---	---	---	---	501	---	---	---	---	---	331	832
11-12pm	---	---	---	---	---	368	---	---	---	---	---	273	641
Totals	---	---	---	---	---	15,122	---	---	---	---	---	12,073	27,195
7-10am	2,015	133	42	71	72	2,333	2,094	91	2	77	154	2,418	4,751
10am-1pm	2,128	90	16	59	80	2,373	1,545	54	0	76	93	1,768	4,141
1-4pm	2,577	182	19	70	85	2,933	2,028	83	0	50	95	2,256	5,189
4-7pm	2,888	93	37	53	95	3,166	2,127	67	0	49	188	2,431	5,597
7am-7pm	9,608	498	114	253	332	10,805	7,794	295	2	252	530	8,873	19,678

Based on 1989 Classification Survey Data

** Peak Volumes

***Brooklyn
Bridges***

Brooklyn Bridges
Average Daily Traffic Volumes
1948 - 2005

Year	Carroll Street	Cropsey Avenue	Hamilton Avenue	Metropolitan Avenue	Mill Basin
1948	1,401	11,745	12,135	8,739	21,773
1949	4,805	12,913	16,071	12,476	23,357
1950	1,203	15,024	20,149	14,285	32,787
1951	1,444	10,362	24,893	15,496	44,285
1952	1,192	11,495	23,642	15,150	38,025
1953	2,951	12,278	33,379	13,843	36,209
1954	1,962	13,945	36,121	18,208	40,604
1955	2,831	13,184	24,415	15,536	43,011
1956	2,574	15,832	29,676	11,637	57,515
1957	1,917	11,836	22,862	12,293	63,310
1958	1,805	17,462	31,543	25,777	60,384
1959	1,706	15,671	35,085	15,507	61,730
1960	2,553	15,417	42,584	18,892	58,929
1961	7,628	16,968	43,232	20,446	64,142
1962	6,360	18,060	41,380	21,120	71,540
1963	2,120	17,620	36,530	24,130	75,610
1964	2,959	15,240	39,970	23,850	80,270
1965	3,798	21,902	35,795	22,742	110,566
1966	6,364	17,443	42,426	21,634	90,769
1967	1,948	20,440	40,733	25,101	75,168
1968	2,762	18,774	42,869	31,457	105,979
1969	1,965	22,292	42,400	28,604	111,694
1970	2,671	20,257	38,078	29,977	102,964
1971	1,939	21,147	33,847	27,803	110,834
1972	1,207	23,597	39,219	31,130	102,346
1973	1,191	22,986	36,136	23,374	98,553
1974	1,224	22,755	37,097	27,719	107,455
1975	1,108	21,808	39,784	22,148	102,628
1976	1,245	19,503	39,321	23,287	106,744
1977	1,382	21,040	34,602	26,732	103,508
1978	1,126	22,068	36,443	21,457	104,174
1979	1,565	21,254	38,412	24,152	118,242
1980	<i>Closed</i>	21,462	36,084	29,717	109,782
1981	1,112	21,504	35,510	30,190	106,378
1982	1,467	21,005	43,044	34,135	114,600
1983	1,980	27,847	44,047	31,444	112,211
1984	1,432	32,770	48,204	40,936	110,458
1985	1,876	30,960	54,612	43,173	108,974
1986	<i>Closed</i>	31,998	48,274	35,372	114,876
1987	<i>Closed</i>	30,134	43,715	34,830	122,013
1988	<i>Closed</i>	32,341	51,721	37,682	114,287
1989	606	30,967	54,063	35,446	134,708
1990	1,153	30,592	52,170	37,289	142,142
1991	1,175	25,542	39,911	39,576	134,410
1992	1,387	28,230	56,227	37,510	130,737
1993	1,125	27,878	56,655	36,538	130,805
1994	1,132	27,181	50,309	36,026	134,605
1995	1,164	29,015	51,646	37,581	134,540
1996	1,244	26,933	70,385	39,662	132,853
1997	1,215	28,590	69,144	37,966	135,482
1998	1,270	30,323	59,211	38,271	146,940
1999	1,248	31,076	67,259	38,752	147,347
2000	1,265	30,334	59,557	41,238	145,070
2001	1,280	33,725	60,808	39,930	146,602
2002	1,248	33,325	60,075	39,944	142,105
2003	1,150	35,137	59,108	40,284	141,212
2004	1,099	35,104	60,240	38,529	145,760
2005	1,101	36,132	59,885	35,113	143,158

Brooklyn Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2005

<i>Year</i>	<i>Ninth Street</i>	<i>Stillwell Avenue</i>	<i>Third Avenue</i>	<i>Third Street</i>	<i>Union Street</i>	<i>Totals</i>
1948	6,006	4,295	17,220	3,438	5,165	91,917
1949	5,640	4,911	19,048	5,716	6,502	111,439
1950	6,895	5,832	13,068	4,976	7,839	122,058
1951	7,159	5,312	19,114	4,852	7,207	140,124
1952	7,376	5,094	14,303	3,711	7,062	127,050
1953	10,329	4,142	15,517	3,463	9,617	141,728
1954	9,904	4,788	17,630	3,215	8,500	154,877
1955	7,704	5,706	15,144	5,907	7,469	140,907
1956	8,715	5,418	14,112	4,401	7,878	157,758
1957	8,897	4,523	14,113	4,742	9,263	153,756
1958	8,347	4,903	15,098	5,814	8,404	179,537
1959	7,906	5,239	16,808	6,887	9,969	176,508
1960	7,465	5,511	14,821	6,227	9,596	181,995
1961	13,330	5,462	16,794	9,747	9,524	207,273
1962	14,170	6,340	15,260	13,550	9,452	217,232
1963	13,270	6,280	17,700	7,970	9,380	210,610
1964	11,430	6,410	16,230	6,850	10,260	213,469
1965	9,540	6,887	15,196	5,992	9,152	241,570
1966	9,418	6,874	14,008	5,682	8,898	223,516
1967	9,871	6,708	16,560	5,570	9,208	211,307
1968	12,484	6,661	13,141	5,680	8,860	248,667
1969	9,363	7,070	13,798	5,527	8,402	251,115
1970	8,855	7,091	14,413	5,650	8,064	238,020
1971	9,952	7,344	13,473	5,991	8,786	241,116
1972	9,581	6,577	12,794	5,806	7,834	240,091
1973	8,939	6,983	13,477	6,124	8,845	226,608
1974	8,752	7,245	15,000	5,792	7,723	240,762
1975	9,313	9,925	14,576	5,145	8,188	234,623
1976	9,634	9,568	14,752	5,361	8,001	237,416
1977	11,123	6,868	13,692	4,328	4,842	228,117
1978	8,892	7,591	14,743	5,425	4,708	226,627
1979	10,095	8,764	14,448	5,629	4,457	247,018
1980	11,485	7,629	14,444	6,420	5,659	242,682
1981	9,726	7,595	17,780	5,759	4,555	240,109
1982	11,350	7,541	16,865	Closed	8,277	258,284
1983	10,893	Closed	16,521	Closed	8,415	253,358
1984	12,578	Closed	18,787	Closed	9,418	274,583
1985	9,438	Closed	17,304	Closed	9,229	275,566
1986	12,263	Closed	15,235	2,426	11,374	271,818
1987	8,762	Closed	20,029	5,626	5,971	271,080
1988	11,005	Closed	20,971	7,189	6,535	281,731
1989	9,571	Closed	22,230	6,232	6,042	299,865
1990	13,062	5,334	24,548	7,745	6,087	320,122
1991	11,444	8,574	Closed	7,411	5,142	273,185
1992	11,059	8,730	23,610	6,972	5,622	310,084
1993	9,358	9,367	24,055	7,743	4,971	308,495
1994	9,666	9,186	21,745	7,978	4,307	302,135
1995	Closed	9,889	22,639	9,556	4,802	300,832
1996	Closed	9,044	21,664	9,048	4,562	315,395
1997	Closed	9,602	21,129	10,400	4,573	318,101
1998	Closed	9,243	20,597	11,378	4,824	322,057
1999	5,544	9,478	21,647	10,849	5,061	338,261
2000	7,355	9,103	22,084	10,231	4,853	331,090
2001	7,898	9,246	21,461	9,855	4,599	335,404
2002	8,399	9,534	20,538	10,146	4,435	329,749
2003	9,406	10,138	20,517	10,010	4,843	331,805
2004	10,216	10,436	20,292	9,846	4,399	335,921
2005	11,393	10,166	20,046	10,108	4,421	331,523

Hourly Vehicular Volumes Carroll Street Bridge - 2005

	Eastbound						Westbound						Grand Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	14							14
1-2am	---	---	---	---	---	7							7
2-3am	---	---	---	---	---	5							5
3-4am	---	---	---	---	---	4							4
4-5am	---	---	---	---	---	4							4
5-6am	---	---	---	---	---	8							8
6-7am	---	---	---	---	---	18							18
7-8am	16	0	9	12	9	46							46
8-9am	31	3	10	31	27	102							102
9-10am	22	0	6	21	8	57							57
10-11am	29	0	0	17	12	58							58
11-12am	20	0	6	17	15	58							58
12-1pm	11	0	10	16	17	54							54
1-2pm	14	0	7	9	20	50							50
2-3pm	1	0	16	38	20	75							75
3-4pm	69	0	2	8	6	85							85
4-5pm	86	0	4	9	14	113 **							113 **
5-6pm	80	0	8	5	8	101							101
6-7pm	62	0	4	1	4	71							71
7-8pm	---	---	---	---	---	48							48
8-9pm	---	---	---	---	---	36							36
9-10pm	---	---	---	---	---	36							36
10-11pm	---	---	---	---	---	29							29
11-12pm	---	---	---	---	---	22							22
Totals	---	---	---	---	---	1,101	---	---	---	---	---	---	1,101
7-10am	69	3	25	64	44	205	---	---	---	---	---	---	205
10am-1pm	60	0	16	50	44	170	---	---	---	---	---	---	170
1-4pm	84	0	25	55	46	210	---	---	---	---	---	---	210
4-7pm	228	0	16	15	26	285	---	---	---	---	---	---	285
7am-7pm	441	3	82	184	160	870	---	---	---	---	---	---	870

Bridge is 1-way eastbound

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Cropsey Avenue Bridge - 2005

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	182	---	---	---	---	---	270	452
1-2am	---	---	---	---	---	93	---	---	---	---	---	179	272
2-3am	---	---	---	---	---	98	---	---	---	---	---	116	214
3-4am	---	---	---	---	---	79	---	---	---	---	---	94	173
4-5am	---	---	---	---	---	127	---	---	---	---	---	142	269
5-6am	---	---	---	---	---	386	---	---	---	---	---	503	889
6-7am	---	---	---	---	---	787	---	---	---	---	---	817	1,604
7-8am	937	83	2	49	92	1,163	1,017	109	0	59	41	1,226	2,389
8-9am	940	61	3	57	64	1,125	1,014	82	2	55	40	1,193	2,318
9-10am	794	52	1	52	94	993	779	93	4	56	76	1,008	2,001
10-11am	780	44	0	28	39	891	751	25	0	34	38	848	1,739
11-12am	796	27	0	73	65	961	712	26	1	74	80	893	1,854
12-1pm	900	49	0	34	43	1,026	863	30	0	27	23	943	1,969
1-2pm	915	68	0	35	47	1,065	858	33	1	22	37	951	2,016
2-3pm	973	94	4	74	88	1,233	942	54	0	64	78	1,138	2,371
3-4pm	1,149	108	1	37	47	1,342 **	986	78	2	26	55	1,147	2,489 **
4-5pm	1,023	46	0	61	76	1,206	1,052	60	0	29	99	1,240 **	2,446
5-6pm	994	13	0	63	76	1,146	979	21	9	46	101	1,156	2,302
6-7pm	841	21	0	34	46	942	915	7	0	15	67	1,004	1,946
7-8pm	---	---	---	---	---	824	---	---	---	---	---	963	1,787
8-9pm	---	---	---	---	---	683	---	---	---	---	---	858	1,541
9-10pm	---	---	---	---	---	568	---	---	---	---	---	734	1,302
10-11pm	---	---	---	---	---	447	---	---	---	---	---	560	1,007
11-12pm	---	---	---	---	---	316	---	---	---	---	---	466	782
Totals	---	---	---	---	---	17,683	---	---	---	---	---	18,449	36,132
7-10am	2,671	196	6	158	250	3,281	2,810	284	6	170	157	3,427	6,708
10am-1pm	2,476	120	0	135	147	2,878	2,326	81	1	135	141	2,684	5,562
1-4pm	3,037	270	5	146	182	3,640	2,786	165	3	112	170	3,236	6,876
4-7pm	2,858	80	0	158	198	3,294	2,946	88	9	90	267	3,400	6,694
7am-7pm	11,042	666	11	597	777	13,093	10,868	618	19	507	735	12,747	25,840

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Hamilton Avenue Bridge - 2005

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	291	---	---	---	---	---	276	567
1-2am	---	---	---	---	---	167	---	---	---	---	---	239	406
2-3am	---	---	---	---	---	146	---	---	---	---	---	145	291
3-4am	---	---	---	---	---	167	---	---	---	---	---	111	278
4-5am	---	---	---	---	---	293	---	---	---	---	---	299	592
5-6am	---	---	---	---	---	1,461	---	---	---	---	---	459	1,920
6-7am	---	---	---	---	---	2,110	---	---	---	---	---	888	2,998
7-8am	2,479	36	45	228	270	3,058 **	413	43	173	355	179	1,163	4,221
8-9am	2,352	14	44	262	314	2,986	844	49	81	337	191	1,502	4,488 **
9-10am	2,061	30	36	275	274	2,676	642	61	112	541	219	1,575	4,251
10-11am	1,953	15	18	151	142	2,279	1,166	43	69	247	137	1,662	3,941
11-12am	1,534	17	21	215	209	1,996	571	23	134	345	251	1,324	3,320
12-1pm	2,034	11	11	105	93	2,254	757	5	49	109	74	994	3,248
1-2pm	2,119	33	13	160	104	2,429	791	12	45	150	96	1,094	3,523
2-3pm	1,753	62	25	273	253	2,366	457	12	106	271	236	1,082	3,448
3-4pm	1,784	68	10	130	113	2,105	1,136	15	66	107	91	1,415	3,520
4-5pm	1,507	50	14	156	166	1,893	1,281	12	131	169	174	1,767	3,660
5-6pm	1,741	18	16	184	151	2,110	1,643	9	104	112	188	2,056 **	4,166
6-7pm	1,329	6	13	72	125	1,545	1,524	10	108	82	117	1,841	3,386
7-8pm	---	---	---	---	---	1,047	---	---	---	---	---	1,195	2,242
8-9pm	---	---	---	---	---	732	---	---	---	---	---	1,104	1,836
9-10pm	---	---	---	---	---	824	---	---	---	---	---	615	1,439
10-11pm	---	---	---	---	---	800	---	---	---	---	---	463	1,263
11-12pm	---	---	---	---	---	463	---	---	---	---	---	418	881
Totals	---	---	---	---	---	36,198	---	---	---	---	---	23,687	59,885
7-10am	6,892	80	125	765	858	8,720	1,899	153	366	1,233	589	4,240	12,960
10am-1pm	5,521	43	50	471	444	6,529	2,494	71	252	701	462	3,980	10,509
1-4pm	5,656	163	48	563	470	6,900	2,384	39	217	528	423	3,591	10,491
4-7pm	4,577	74	43	412	442	5,548	4,448	31	343	363	479	5,664	11,212
7am-7pm	22,646	360	266	2,211	2,214	27,697	11,225	294	1,178	2,825	1,953	17,475	45,172

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Metropolitan Avenue Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	217	---	---	---	---	---	174	391
1-2am	---	---	---	---	---	221	---	---	---	---	---	175	396
2-3am	---	---	---	---	---	181	---	---	---	---	---	147	328
3-4am	---	---	---	---	---	172	---	---	---	---	---	205	377
4-5am	---	---	---	---	---	230	---	---	---	---	---	241	471
5-6am	---	---	---	---	---	424	---	---	---	---	---	610	1,034
6-7am	---	---	---	---	---	576	---	---	---	---	---	996	1,572
7-8am	539	14	14	116	37	720	942	27	52	180	72	1,273 **	1,993
8-9am	539	16	22	174	87	838	838	13	39	213	90	1,193	2,031
9-10am	334	28	17	190	76	645	565	27	30	230	82	934	1,579
10-11am	805	9	13	113	43	983	806	18	24	93	32	973	1,956
11-12am	654	19	31	312	95	1,111	556	15	40	205	70	886	1,997
12-1pm	917	18	21	121	38	1,115	652	13	21	88	29	803	1,918
1-2pm	982	33	10	122	60	1,207	707	19	18	74	33	851	2,058
2-3pm	861	15	35	225	107	1,243	622	15	27	166	75	905	2,148
3-4pm	1,144	15	29	120	55	1,363	754	18	15	88	43	918	2,281
4-5pm	1,049	35	58	161	118	1,421	663	11	23	115	56	868	2,289
5-6pm	1,100	13	69	149	118	1,449 **	781	9	51	85	72	998	2,447 **
6-7pm	1,114	13	61	124	93	1,405	712	12	40	46	42	852	2,257
7-8pm	---	---	---	---	---	1,095	---	---	---	---	---	683	1,778
8-9pm	---	---	---	---	---	689	---	---	---	---	---	519	1,208
9-10pm	---	---	---	---	---	565	---	---	---	---	---	411	976
10-11pm	---	---	---	---	---	535	---	---	---	---	---	371	906
11-12pm	---	---	---	---	---	432	---	---	---	---	---	290	722
Totals	---	---	---	---	---	18,837	---	---	---	---	---	16,276	35,113
7-10am	1,412	58	53	480	200	2,203	2,345	67	121	623	244	3,400	5,603
10am-1pm	2,376	46	65	546	176	3,209	2,014	46	85	386	131	2,662	5,871
1-4pm	2,987	63	74	467	222	3,813	2,083	52	60	328	151	2,674	6,487
4-7pm	3,263	61	188	434	329	4,275	2,156	32	114	246	170	2,718	6,993
7am-7pm	10,038	228	380	1,927	927	13,500	8,598	197	380	1,583	696	11,454	24,954

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Mill Basin Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	1008	---	---	---	---	---	1015	2,023
1-2am	---	---	---	---	---	593	---	---	---	---	---	548	1,141
2-3am	---	---	---	---	---	403	---	---	---	---	---	329	732
3-4am	---	---	---	---	---	362	---	---	---	---	---	304	666
4-5am	---	---	---	---	---	647	---	---	---	---	---	565	1,212
5-6am	---	---	---	---	---	1,922	---	---	---	---	---	1,819	3,741
6-7am	---	---	---	---	---	3,973	---	---	---	---	---	3,528	7,501
7-8am	4,413	62	23	5	240	4,743	4,474	21	0	140	170	4,805	9,548
8-9am	4,627	19	16	17	211	4,890 **	3,904	50	0	113	199	4,266	9,156
9-10am	3,329	9	16	22	238	3,614	3,439	67	1	104	177	3,788	7,402
10-11am	3,243	8	11	13	89	3,364	3,543	18	0	38	64	3,663	7,027
11-12am	2,915	4	64	30	283	3,296	3,067	0	5	163	162	3,397	6,693
12-1pm	3,016	4	19	14	105	3,158	2,866	0	0	67	110	3,043	6,201
1-2pm	3,359	92	14	12	112	3,589	2,985	9	0	33	69	3,096	6,685
2-3pm	3,808	40	26	16	311	4,201	3,758	7	0	115	175	4,055	8,256
3-4pm	4,565	27	17	6	164	4,779	4,569	82	0	89	125	4,865	9,644 **
4-5pm	4,011	13	38	7	240	4,309	4,518	45	2	141	213	4,919	9,228
5-6pm	4,103	6	18	14	199	4,340	4,687	35	3	151	187	5,063 **	9,403
6-7pm	3,738	4	15	5	191	3,953	4,350	3	1	115	168	4,637	8,590
7-8pm	---	---	---	---	---	3,634	---	---	---	---	---	4,052	7,686
8-9pm	---	---	---	---	---	3,313	---	---	---	---	---	3,396	6,709
9-10pm	---	---	---	---	---	2,917	---	---	---	---	---	2,873	5,790
10-11pm	---	---	---	---	---	2,190	---	---	---	---	---	2,357	4,547
11-12pm	---	---	---	---	---	1,752	---	---	---	---	---	1,825	3,577
Totals	---	---	---	---	---	70,950	---	---	---	---	---	72,208	143,158
7-10am	12,369	90	55	44	689	13,247	11,817	138	1	357	546	12,859	26,106
10am-1pm	9,174	16	94	57	477	9,818	9,476	18	5	268	336	10,103	19,921
1-4pm	11,732	159	57	34	587	12,569	11,312	98	0	237	369	12,016	24,585
4-7pm	11,852	23	71	26	630	12,602	13,555	83	6	407	568	14,619	27,221
7am-7pm	45,127	288	277	161	2,383	48,236	46,160	337	12	1,269	1,819	49,597	97,833

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Ninth Street Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	75	---	---	---	---	---	104	179
1-2am	---	---	---	---	---	44	---	---	---	---	---	66	110
2-3am	---	---	---	---	---	33	---	---	---	---	---	58	91
3-4am	---	---	---	---	---	28	---	---	---	---	---	44	72
4-5am	---	---	---	---	---	44	---	---	---	---	---	69	113
5-6am	---	---	---	---	---	77	---	---	---	---	---	170	247
6-7am	---	---	---	---	---	179	---	---	---	---	---	348	527
7-8am	164	23	6	19	13	225	424	11	0	49	41	525	750
8-9am	125	18	8	39	13	203	483	5	0	50	39	577 **	780 **
9-10am	160	19	4	48	22	253	439	11	0	45	28	523	776
10-11am	150	14	3	16	9	192	406	10	0	18	15	449	641
11-12am	184	17	12	52	12	277	265	29	0	88	40	422	699
12-1pm	192	12	11	24	11	250	293	31	0	82	40	446	696
1-2pm	123	15	16	85	16	255	361	9	48	30	30	478	733
2-3pm	165	18	13	54	21	271	354	20	17	38	28	457	728
3-4pm	203	13	2	20	14	252	374	22	0	32	19	447	699
4-5pm	197	11	5	29	20	262	331	14	0	52	32	429	691
5-6pm	222	19	1	34	12	288 **	329	22	0	22	16	389	677
6-7pm	143	13	1	37	14	208	307	10	0	14	9	340	548
7-8pm	---	---	---	---	---	173	---	---	---	---	---	275	448
8-9pm	---	---	---	---	---	127	---	---	---	---	---	234	361
9-10pm	---	---	---	---	---	117	---	---	---	---	---	196	313
10-11pm	---	---	---	---	---	94	---	---	---	---	---	181	275
11-12pm	---	---	---	---	---	94	---	---	---	---	---	145	239
Totals	---	---	---	---	---	4,021	---	---	---	---	---	7,372	11,393
7-10am	449	60	18	106	48	681	1,346	27	0	144	108	1,625	2,306
10am-1pm	526	43	26	92	32	719	964	70	0	188	95	1,317	2,036
1-4pm	491	46	31	159	51	778	1,089	51	65	100	77	1,382	2,160
4-7pm	562	43	7	100	46	758	967	46	0	88	57	1,158	1,916
7am-7pm	2,028	192	82	457	177	2,936	4,366	194	65	520	337	5,482	8,418

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Stillwell Avenue Bridge - 2005

	<i>Northbound</i>						<i>Southbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	49	---	---	---	---	---	68	117
1-2am	---	---	---	---	---	26	---	---	---	---	---	26	52
2-3am	---	---	---	---	---	17	---	---	---	---	---	23	40
3-4am	---	---	---	---	---	17	---	---	---	---	---	22	39
4-5am	---	---	---	---	---	26	---	---	---	---	---	35	61
5-6am	---	---	---	---	---	60	---	---	---	---	---	148	208
6-7am	---	---	---	---	---	148	---	---	---	---	---	220	368
7-8am	224	21	0	37	0	282	285	62	0	20	0	367	649
8-9am	218	30	0	40	0	288	333	43	0	26	0	402	690
9-10am	170	26	0	31	0	227	223	21	0	99	0	343	570
10-11am	173	26	0	42	0	241	238	26	0	66	0	330	571
11-12am	188	10	0	52	0	250	277	17	0	51	0	345	595
12-1pm	174	12	0	64	0	250	291	21	0	51	0	363	613
1-2pm	187	21	0	69	0	277	268	23	0	77	0	368	645
2-3pm	237	28	0	66	0	331	272	32	0	113	0	417	748
3-4pm	278	38	0	44	0	360	310	20	0	50	0	380	740
4-5pm	277	37	0	45	0	359	289	21	0	47	0	357	716
5-6pm	301	24	0	21	0	346	322	20	0	36	0	378	724
6-7pm	252	27	0	13	0	292	264	25	0	12	0	301	593
7-8pm	---	---	---	---	---	216	---	---	---	---	---	237	453
8-9pm	---	---	---	---	---	141	---	---	---	---	---	202	343
9-10pm	---	---	---	---	---	112	---	---	---	---	---	139	251
10-11pm	---	---	---	---	---	92	---	---	---	---	---	134	226
11-12pm	---	---	---	---	---	64	---	---	---	---	---	90	154
Totals	---	---	---	---	---	4,471	---	---	---	---	---	5,695	10,166
7-10am	612	77	0	108	0	797	841	126	0	145	0	1,112	1,909
10am-1pm	535	48	0	158	0	741	806	64	0	168	0	1,038	1,779
1-4pm	702	87	0	179	0	968	850	75	0	240	0	1,165	2,133
4-7pm	830	88	0	79	0	997	875	66	0	95	0	1,036	2,033
7am-7pm	2,679	300	0	524	0	3,503	3,372	331	0	648	0	4,351	7,854

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Third Avenue Bridge - 2005

	<i>Northbound</i>						<i>Southbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	74	---	---	---	---	---	146	220
1-2am	---	---	---	---	---	49	---	---	---	---	---	90	139
2-3am	---	---	---	---	---	45	---	---	---	---	---	62	107
3-4am	---	---	---	---	---	41	---	---	---	---	---	49	90
4-5am	---	---	---	---	---	84	---	---	---	---	---	56	140
5-6am	---	---	---	---	---	233	---	---	---	---	---	104	337
6-7am	---	---	---	---	---	692	---	---	---	---	---	259	951
7-8am	789	15	0	111	81	996	251	7	0	46	35	339	1,335
8-9am	859	11	0	88	77	1,035 **	293	12	0	65	34	404	1,439 **
9-10am	446	9	0	149	102	706	332	9	2	78	52	473	1,179
10-11am	502	9	0	37	32	580	451	6	1	45	34	537	1,117
11-12am	401	8	1	86	52	548	425	6	0	81	56	568	1,116
12-1pm	523	3	0	32	23	581	502	4	1	32	28	567	1,148
1-2pm	475	9	0	67	49	600	515	6	0	40	34	595	1,195
2-3pm	407	18	0	118	85	628	445	7	0	99	59	610	1,238
3-4pm	470	13	0	45	39	567	701	7	0	28	36	772	1,339
4-5pm	443	8	0	57	61	569	691	8	0	71	83	853	1,422
5-6pm	461	6	0	24	37	528	776	5	0	50	65	896 **	1,424
6-7pm	342	8	0	27	19	396	700	6	0	50	67	823	1,219
7-8pm	---	---	---	---	---	287	---	---	---	---	---	648	935
8-9pm	---	---	---	---	---	217	---	---	---	---	---	504	721
9-10pm	---	---	---	---	---	184	---	---	---	---	---	351	535
10-11pm	---	---	---	---	---	145	---	---	---	---	---	240	385
11-12pm	---	---	---	---	---	105	---	---	---	---	---	210	315
Totals	---	---	---	---	---	9,890	---	---	---	---	---	10,156	20,046
7-10am	2,094	35	0	348	260	2,737	876	28	2	189	121	1,216	3,953
10am-1pm	1,426	20	1	155	107	1,709	1,378	16	2	158	118	1,672	3,381
1-4pm	1,352	40	0	230	173	1,795	1,661	20	0	167	129	1,977	3,772
4-7pm	1,246	22	0	108	117	1,493	2,167	19	0	171	215	2,572	4,065
7am-7pm	6,118	117	1	841	657	7,734	6,082	83	4	685	583	7,437	15,171

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Third Street Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	53	---	---	---	---	---	39	92
1-2am	---	---	---	---	---	19	---	---	---	---	---	25	44
2-3am	---	---	---	---	---	5	---	---	---	---	---	13	18
3-4am	---	---	---	---	---	5	---	---	---	---	---	19	24
4-5am	---	---	---	---	---	10	---	---	---	---	---	34	44
5-6am	---	---	---	---	---	30	---	---	---	---	---	126	156
6-7am	---	---	---	---	---	95	---	---	---	---	---	308	403
7-8am	130	5	0	16	13	164	521	12	6	31	43	613	777
8-9am	199	0	0	19	14	232	791	10	5	42	65	913 **	1,145 **
9-10am	147	0	0	20	26	193	363	1	1	33	38	436	629
10-11am	158	0	0	7	7	172	329	0	0	27	26	382	554
11-12am	169	0	2	27	11	209	239	3	2	65	56	365	574
12-1pm	199	0	0	9	11	219	286	3	0	24	14	327	546
1-2pm	220	0	0	0	8	228	276	11	13	22	19	341	569
2-3pm	223	0	0	15	9	247	274	8	41	63	23	409	656
3-4pm	275	10	0	10	4	299	329	12	18	23	12	394	693
4-5pm	371	0	0	13	27	411 **	251	3	18	34	13	319	730
5-6pm	344	0	0	15	28	387	249	3	14	26	0	292	679
6-7pm	275	0	0	8	3	286	215	4	23	17	2	261	547
7-8pm	---	---	---	---	---	193	---	---	---	---	---	208	401
8-9pm	---	---	---	---	---	114	---	---	---	---	---	151	265
9-10pm	---	---	---	---	---	103	---	---	---	---	---	133	236
10-11pm	---	---	---	---	---	84	---	---	---	---	---	104	188
11-12pm	---	---	---	---	---	63	---	---	---	---	---	75	138
Totals	---	---	---	---	---	3,821	---	---	---	---	---	6,287	10,108
7-10am	476	5	0	55	53	589	1,675	23	12	106	146	1,962	2,551
10am-1pm	526	0	2	43	29	600	854	6	2	116	96	1,074	1,674
1-4pm	718	10	0	25	21	774	879	31	72	108	54	1,144	1,918
4-7pm	990	0	0	36	58	1,084	715	10	55	77	15	872	1,956
7am-7pm	2,710	15	2	159	161	3,047	4,123	70	141	407	311	5,052	8,099

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Union Street Bridge - 2005

	Eastbound						Westbound						Grand Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	71							71
1-2am	---	---	---	---	---	39							39
2-3am	---	---	---	---	---	18							18
3-4am	---	---	---	---	---	14							14
4-5am	---	---	---	---	---	16							16
5-6am	---	---	---	---	---	41							41
6-7am	---	---	---	---	---	94							94
7-8am	138	8	0	14	15	175							175
8-9am	195	9	0	27	24	255							255
9-10am	159	4	0	17	33	213							213
10-11am	217	5	0	8	10	240							240
11-12am	215	2	0	24	26	267							267
12-1pm	220	1	0	10	20	251							251
1-2pm	217	5	0	14	14	250							250
2-3pm	210	4	0	38	28	280							280
3-4pm	307	3	0	15	12	337							337
4-5pm	315	2	0	20	26	363 **							363 **
5-6pm	336	1	0	6	18	361							361
6-7pm	289	1	0	15	21	326							326
7-8pm	---	---	---	---	---	220							220
8-9pm	---	---	---	---	---	171							171
9-10pm	---	---	---	---	---	170							170
10-11pm	---	---	---	---	---	144							144
11-12pm	---	---	---	---	---	105							105
Totals	---	---	---	---	---	4,421	---	---	---	---	---	---	4,421
7-10am	492	21	0	58	72	643	---	---	---	---	---	---	643
10am-1pm	652	8	0	42	56	758	---	---	---	---	---	---	758
1-4pm	734	12	0	67	54	867	---	---	---	---	---	---	867
4-7pm	940	4	0	41	65	1,050	---	---	---	---	---	---	1,050
7am-7pm	2,818	45	0	208	247	3,318	---	---	---	---	---	---	3,318

Bridge is 1-way eastbound

Based on 1989 Classification Survey Data

** Peak Volumes

***Queens
Bridges***

Queens Bridges
Average Daily Traffic Volumes
1948 - 2005

Year	Borden Avenue	Flushing	Hook Creek	Hunters Point	Little Neck	Midtown Highway
1948	4,846	26,276	9,620	5,500	22,255	28,754
1949	11,052	29,949	14,969	9,482	21,190	27,963
1950	6,222	30,836	18,240	6,751	19,549	32,429
1951	5,930	50,918	16,064	6,000	30,873	31,812
1952	6,155	40,589	16,856	5,688	31,544	35,088
1953	7,473	46,952	17,218	6,575	29,266	34,513
1954	5,997	39,837	23,389	7,611	35,614	30,495
1955	6,793	34,201	19,481	2,984	30,428	39,650
1956	7,612	47,985	20,796	6,267	43,761	49,944
1957	7,759	53,836	18,691	7,018	38,387	47,481
1958	7,833	43,075	28,031	5,735	30,029	45,593
1959	9,992	28,616	30,663	7,603	27,072	55,665
1960	9,739	37,833	33,549	7,753	23,718	62,051
1961	9,030	36,383	34,598	7,337	24,851	62,520
1962	8,860	35,370	36,590	7,150	26,670	57,600
1963	9,480	46,210	37,450	7,170	30,040	57,770
1964	16,530	40,220	38,620	5,110	27,980	60,610
1965	8,026	40,484	35,185	6,652	33,504	60,973
1966	9,461	42,613	38,742	6,882	33,383	68,752
1967	9,348	32,479	38,995	6,206	37,097	72,962
1968	8,761	38,664	44,000	6,601	36,281	69,058
1969	11,083	47,945	51,067	7,073	38,901	62,712
1970	10,318	47,311	44,588	6,544	42,606	84,844
1971	11,721	48,238	44,185	7,072	44,528	75,706
1972	11,201	50,499	45,365	6,825	38,604	65,481
1973	11,276	54,597	50,681	8,515	44,193	73,292
1974	12,272	48,909	53,120	5,899	39,506	68,127
1975	17,135	53,431	48,089	Closed	37,741	67,933
1976	17,883	47,569	55,722	Closed	39,382	64,438
1977	17,072	49,420	44,370	Closed	43,122	60,501
1978	16,769	48,491	47,286	Closed	42,052	85,223
1979	16,055	35,518	52,650	Closed	46,197	70,893
1980	15,068	48,856	45,169	Closed	38,735	74,334
1981	18,630	42,040	50,566	Closed	41,135	100,182
1982	21,793	54,661	52,193	Closed	41,470	100,182
1983	22,123	51,237	54,087	Closed	44,436	88,132
1984	18,724	54,323	50,681	4,044	47,623	89,000
1985	18,723	64,382	50,458	4,755	42,737	73,315
1986	14,714	64,371	56,735	5,870	44,125	71,938
1987	15,067	62,811	57,634	5,938	45,069	70,079
1988	14,907	62,956	61,083	6,549	43,826	71,761
1989	14,698	61,756	63,406	6,746	36,085	65,160
1990	18,430	61,248	57,660	10,849	28,746	66,269
1991	16,122	58,189	57,442	10,279	42,895	74,328
1992	13,146	61,306	64,502	10,997	48,388	72,144
1993	15,074	54,005	60,517	8,138	48,906	64,368
1994	14,412	58,837	64,545	6,804	48,314	66,633
1995	14,074	59,543	66,517	7,594	50,034	67,810
1996	16,661	61,211	66,151	7,781	49,640	69,394
1997	14,293	59,792	63,618	7,275	51,718	69,273
1998	15,182	60,864	66,123	7,024	52,876	70,486
1999	14,156	63,348	70,555	8,509	52,846	72,749
2000	15,063	66,243	74,130	8,475	49,504	79,662
2001	15,780	62,364	72,027	8,261	53,423	82,431
2002	15,788	64,301	69,963	7,822	58,529	81,392
2003	16,035	62,644	72,562	7,412	60,033	84,243
2004	15,765	61,685	73,932	6,885	54,165	82,732
2005	16,362	62,692	73,344	7,390	52,475	89,559

Queens Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2005

Year	North Channel	Rikers Island	Roosevelt Avenue	Roosevelt Island	Whitestone Expressway	Totals
1948	8,521	<i>Bridge opened</i>	14,044	<i>Bridge opened</i>	27,290	147,106
1949	8,855		18,907		31,558	173,925
1950	7,361	11/22/1966	20,451	05/18/1955	38,771	180,610
1951	9,868		9,330		39,368	200,163
1952	8,952		23,596		44,219	212,687
1953	10,941		20,473		47,455	220,866
1954	10,661		18,007		50,089	221,700
1955	11,315		20,123	2,144	51,577	218,696
1956	10,216		17,987	2,689	57,982	265,239
1957	6,192		20,984	2,157	58,606	261,111
1958	12,763		19,653	3,137	60,687	256,536
1959	13,453		29,616	2,760	58,761	264,201
1960	14,923		18,153	3,014	48,615	259,348
1961	13,165		21,475	2,947	53,542	265,848
1962	15,900		24,440	3,220	41,340	257,140
1963	19,730		29,500	3,220	47,620	288,190
1964	18,020		18,110	3,440	83,450	312,090
1965	20,629		20,143	3,791	81,201	310,588
1966	18,890		18,728	4,133	71,795	313,379
1967	17,748	1,973	21,493	5,973	110,363	354,637
1968	18,258	2,809	21,352	4,987	136,741	387,512
1969	18,957	2,983	19,588	4,675	122,162	387,146
1970	20,937	3,543	21,656	6,201	111,833	400,381
1971	22,426	3,594	21,587	6,182	117,614	402,853
1972	20,342	3,680	20,754	7,007	118,050	387,808
1973	17,885	4,850	20,910	7,944	113,395	407,538
1974	19,541	4,794	19,545	8,656	123,204	403,573
1975	18,971	4,784	19,256	6,417	116,750	390,507
1976	15,231	4,891	17,351	7,031	118,164	387,662
1977	16,228	4,423	18,776	7,809	125,682	387,403
1978	18,456	4,728	19,058	6,851	121,123	410,037
1979	19,004	5,491	19,980	6,838	121,123	393,749
1980	19,156	6,066	19,090	7,501	110,606	384,581
1981	15,931	6,085	17,911	8,383	132,023	432,886
1982	15,931	6,946	16,944	8,064	120,944	439,128
1983	15,392	7,807	15,051	8,940	139,721	446,926
1984	16,323	9,487	20,292	8,787	129,834	449,118
1985	21,619	6,019	25,548	8,190	134,650	450,396
1986	18,480	8,056	23,219	9,199	139,464	456,171
1987	16,620	12,386	19,567	8,754	153,040	466,965
1988	17,032	12,070	22,567	10,207	150,777	473,735
1989	17,242	11,493	24,440	9,501	151,292	461,819
1990	18,115	11,195	23,285	9,275	145,247	450,319
1991	19,267	12,491	23,466	10,236	141,824	466,539
1992	19,666	15,579	23,687	9,751	145,669	484,835
1993	17,699	14,206	28,012	9,830	146,440	467,195
1994	16,516	12,494	24,631	9,638	155,969	478,793
1995	17,388	12,213	22,758	9,382	147,029	474,342
1996	17,519	11,906	22,543	9,489	163,578	495,873
1997	18,991	12,461	24,566	9,302	172,034	503,323
1998	19,114	15,672	22,994	10,048	182,516	522,899
1999	19,337	14,240	23,784	9,491	192,099	541,114
2000	20,673	13,150	22,749	9,198	192,482	551,329
2001	20,785	14,503	22,856	9,655	189,031	551,116
2002	22,779	13,447	22,235	9,444	188,758	554,458
2003	23,958	16,966	20,281	9,203	188,770	562,107
2004	21,855	14,979	19,652	9,100	188,869	549,619
2005	24,035	13,811	19,360	9,929	191,563	560,520

Hourly Vehicular Volumes Borden Avenue Bridge - 2005

	Eastbound						Westbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	54	---	---	---	---	---	111	165
1-2am	---	---	---	---	---	31	---	---	---	---	---	74	105
2-3am	---	---	---	---	---	30	---	---	---	---	---	84	114
3-4am	---	---	---	---	---	33	---	---	---	---	---	132	165
4-5am	---	---	---	---	---	28	---	---	---	---	---	198	226
5-6am	---	---	---	---	---	51	---	---	---	---	---	609	660
6-7am	---	---	---	---	---	125	---	---	---	---	---	1,123	1,248
7-8am	92	6	3	43	22	166	895	18	34	111	114	1,172	** 1,338
8-9am	107	6	5	69	33	220	1,008	11	14	97	42	1,172	** 1,392
9-10am	97	7	2	64	36	206	680	5	13	110	70	878	1,084
10-11am	152	4	7	40	18	221	654	11	6	58	18	747	968
11-12am	110	4	3	82	36	235	464	8	10	136	51	669	904
12-1pm	175	4	3	31	16	229	583	7	6	70	21	687	916
1-2pm	185	2	3	37	18	245	517	7	5	70	44	643	888
2-3pm	136	2	18	77	36	269	477	14	11	127	43	672	941
3-4pm	289	4	10	30	11	344	546	43	5	45	21	660	1,004
4-5pm	248	6	16	32	24	326	484	43	12	84	23	646	972
5-6pm	295	3	10	41	20	369	** 504	23	9	29	25	590	959
6-7pm	176	1	12	32	22	243	380	15	11	31	18	455	698
7-8pm	---	---	---	---	---	126	---	---	---	---	---	322	448
8-9pm	---	---	---	---	---	92	---	---	---	---	---	233	325
9-10pm	---	---	---	---	---	72	---	---	---	---	---	249	321
10-11pm	---	---	---	---	---	69	---	---	---	---	---	215	284
11-12pm	---	---	---	---	---	58	---	---	---	---	---	179	237
Totals	---	---	---	---	---	3,842	---	---	---	---	---	12,520	16,362
7-10am	296	19	10	176	91	592	2,583	34	61	318	226	3,222	3,814
10am-1pm	437	12	13	153	70	685	1,701	26	22	264	90	2,103	2,788
1-4pm	610	8	31	144	65	858	1,540	64	21	242	108	1,975	2,833
4-7pm	719	10	38	105	66	938	1,368	81	32	144	66	1,691	2,629
7am-7pm	2,062	49	92	578	292	3,073	7,192	205	136	968	490	8,991	12,064

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Flushing Bridge - 2005

	Eastbound						Westbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	431	---	---	---	---	---	385	816
1-2am	---	---	---	---	---	304	---	---	---	---	---	257	561
2-3am	---	---	---	---	---	204	---	---	---	---	---	195	399
3-4am	---	---	---	---	---	169	---	---	---	---	---	228	397
4-5am	---	---	---	---	---	211	---	---	---	---	---	303	514
5-6am	---	---	---	---	---	386	---	---	---	---	---	832	1,218
6-7am	---	---	---	---	---	909	---	---	---	---	---	1,982	2,891
7-8am	1,114	49	8	97	133	1,401	2,314	14	59	110	253	2,750	** 4,151
8-9am	1,261	30	18	121	139	1,569	2,109	25	52	138	277	2,601	** 4,170
9-10am	1,250	13	31	135	98	1,527	1,576	11	63	161	263	2,074	3,601
10-11am	1,316	17	19	68	81	1,501	1,570	13	16	79	92	1,770	3,271
11-12am	1,230	8	47	121	207	1,613	1,369	2	26	129	166	1,692	3,305
12-1pm	1,499	8	26	61	95	1,689	1,509	6	6	78	96	1,695	3,384
1-2pm	1,407	20	16	64	133	1,640	1,563	14	24	71	44	1,716	3,356
2-3pm	1,233	27	32	131	327	1,750	1,468	22	59	113	102	1,764	3,514
3-4pm	1,675	20	18	52	185	1,950	1,713	32	24	56	48	1,873	3,823
4-5pm	1,743	15	33	68	310	2,169	1,585	12	35	64	97	1,793	3,962
5-6pm	1,832	14	16	54	269	2,185	** 1,497	7	49	55	96	1,704	3,889
6-7pm	1,705	9	10	36	207	1,967	1,516	8	16	39	54	1,633	3,600
7-8pm	---	---	---	---	---	1,953	---	---	---	---	---	1,478	3,431
8-9pm	---	---	---	---	---	1,455	---	---	---	---	---	1,347	2,802
9-10pm	---	---	---	---	---	1,081	---	---	---	---	---	1,176	2,257
10-11pm	---	---	---	---	---	982	---	---	---	---	---	981	1,963
11-12pm	---	---	---	---	---	695	---	---	---	---	---	722	1,417
Totals	---	---	---	---	---	29,741	---	---	---	---	---	32,951	62,692
7-10am	3,625	92	57	353	370	4,497	5,999	50	174	409	793	7,425	11,922
10am-1pm	4,045	33	92	250	383	4,803	4,448	21	48	286	354	5,157	9,960
1-4pm	4,315	67	66	247	645	5,340	4,744	68	107	240	194	5,353	10,693
4-7pm	5,280	38	59	158	786	6,321	4,598	27	100	158	247	5,130	11,451
7am-7pm	17,265	230	274	1,008	2,184	20,961	19,789	166	429	1,093	1,588	23,065	44,026

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Hook Creek Bridge - 2005

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	391	---	---	---	---	---	714	1,105
1-2am	---	---	---	---	---	225	---	---	---	---	---	403	628
2-3am	---	---	---	---	---	161	---	---	---	---	---	262	423
3-4am	---	---	---	---	---	207	---	---	---	---	---	205	412
4-5am	---	---	---	---	---	380	---	---	---	---	---	248	628
5-6am	---	---	---	---	---	1,065	---	---	---	---	---	457	1,522
6-7am	---	---	---	---	---	2,157	---	---	---	---	---	1,255	3,412
7-8am	2,411	17	58	75	42	2,603 **	1,519	14	138	138	101	1,910	4,513
8-9am	2,140	17	79	115	66	2,417	1,724	9	131	152	87	2,103	4,520
9-10am	1,836	7	64	141	68	2,116	1,567	7	78	124	80	1,856	3,972
10-11am	1,805	2	13	51	43	1,914	1,669	2	12	57	48	1,788	3,702
11-12am	1,578	9	42	178	82	1,889	1,620	2	14	104	84	1,824	3,713
12-1pm	1,908	9	26	59	21	2,023	1,859	0	12	43	26	1,940	3,963
1-2pm	1,854	13	42	71	52	2,032	1,771	6	62	121	51	2,011	4,043
2-3pm	1,856	16	46	81	74	2,073	2,050	3	34	96	81	2,264	4,337
3-4pm	2,127	34	11	27	16	2,215	2,384	3	19	38	44	2,488	4,703
4-5pm	2,057	11	25	43	34	2,170	2,365	3	41	55	64	2,528	4,698
5-6pm	2,035	12	38	39	83	2,207	2,445	7	58	40	75	2,625 **	4,832 **
6-7pm	1,844	12	42	23	19	1,940	2,496	4	51	37	26	2,614	4,554
7-8pm	---	---	---	---	---	1,655	---	---	---	---	---	2,131	3,786
8-9pm	---	---	---	---	---	1,378	---	---	---	---	---	1,845	3,223
9-10pm	---	---	---	---	---	1,171	---	---	---	---	---	1,429	2,600
10-11pm	---	---	---	---	---	975	---	---	---	---	---	1,273	2,248
11-12pm	---	---	---	---	---	792	---	---	---	---	---	1,015	1,807
Totals	---	---	---	---	---	36,156	---	---	---	---	---	37,188	73,344
7-10am	6,387	41	201	331	176	7,136	4,810	30	347	414	268	5,869	13,005
10am-1pm	5,291	20	81	288	146	5,826	5,148	4	38	204	158	5,552	11,378
1-4pm	5,837	63	99	179	142	6,320	6,205	12	115	255	176	6,763	13,083
4-7pm	5,936	35	105	105	136	6,317	7,306	14	150	132	165	7,767	14,084
7am-7pm	23,451	159	486	903	600	25,599	23,469	60	650	1,005	767	25,951	51,550

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Hunters Point Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	34	---	---	---	---	---	32	66
1-2am	---	---	---	---	---	20	---	---	---	---	---	21	41
2-3am	---	---	---	---	---	14	---	---	---	---	---	29	43
3-4am	---	---	---	---	---	10	---	---	---	---	---	24	34
4-5am	---	---	---	---	---	14	---	---	---	---	---	56	70
5-6am	---	---	---	---	---	35	---	---	---	---	---	198	233
6-7am	---	---	---	---	---	109	---	---	---	---	---	380	489
7-8am	102	0	15	16	12	145	301	1	17	27	59	405	550
8-9am	94	0	6	25	43	168	349	0	7	29	30	415	583 **
9-10am	105	0	2	29	34	170	231	0	3	43	48	325	495
10-11am	135	0	4	19	6	164	257	0	1	28	18	304	468
11-12am	113	1	8	31	24	177	217	0	2	52	32	303	480
12-1pm	131	0	7	21	21	180	198	0	1	29	20	248	428
1-2pm	132	0	10	19	22	183	188	3	3	20	22	236	419
2-3pm	138	0	20	37	37	232	174	8	1	30	28	241	473
3-4pm	192	0	8	21	7	228	241	3	1	8	3	256	484
4-5pm	151	0	12	17	29	209	194	41	2	10	29	276	485
5-6pm	217	0	12	3	24	256 **	210	11	1	16	17	255	511
6-7pm	146	1	3	7	18	175	140	4	2	5	14	165	340
7-8pm	---	---	---	---	---	106	---	---	---	---	---	111	217
8-9pm	---	---	---	---	---	70	---	---	---	---	---	72	142
9-10pm	---	---	---	---	---	58	---	---	---	---	---	63	121
10-11pm	---	---	---	---	---	68	---	---	---	---	---	51	119
11-12pm	---	---	---	---	---	41	---	---	---	---	---	58	99
Totals	---	---	---	---	---	2,866	---	---	---	---	---	4,524	7,390
7-10am	301	0	23	70	89	483	881	1	27	99	137	1,145	1,628
10am-1pm	379	1	19	71	51	521	672	0	4	109	70	855	1,376
1-4pm	462	0	38	77	66	643	603	14	5	58	53	733	1,376
4-7pm	514	1	27	27	71	640	544	56	5	31	60	696	1,336
7am-7pm	1,656	2	107	245	277	2,287	2,700	71	41	297	320	3,429	5,716

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Little Neck Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	188	---	---	---	---	---	149	337
1-2am	---	---	---	---	---	102	---	---	---	---	---	74	176
2-3am	---	---	---	---	---	58	---	---	---	---	---	53	111
3-4am	---	---	---	---	---	35	---	---	---	---	---	34	69
4-5am	---	---	---	---	---	68	---	---	---	---	---	98	166
5-6am	---	---	---	---	---	233	---	---	---	---	---	324	557
6-7am	---	---	---	---	---	631	---	---	---	---	---	1,371	2,002
7-8am	1,272	41	71	110	68	1,562	2,018	83	7	41	104	2,253	3,815
8-9am	1,833	29	86	77	57	2,082	1,869	52	3	39	80	2,043	4,125
9-10am	1,268	19	57	70	26	1,440	1,453	9	0	42	79	1,583	3,023
10-11am	1,121	9	27	43	29	1,229	1,240	11	0	27	34	1,312	2,541
11-12am	1,053	12	26	61	49	1,201	1,082	7	0	67	57	1,213	2,414
12-1pm	1,247	14	10	44	13	1,328	1,171	11	0	28	45	1,255	2,583
1-2pm	1,205	9	22	32	34	1,302	1,301	3	0	24	37	1,365	2,667
2-3pm	1,326	17	65	87	65	1,560	1,266	11	0	45	89	1,411	2,971
3-4pm	1,854	22	21	42	24	1,963	1,504	12	0	17	54	1,587	3,550
4-5pm	1,711	15	78	138	91	2,033	1,508	18	0	45	109	1,680	3,713
5-6pm	1,957	21	59	49	98	2,184	1,838	14	0	11	70	1,933	4,117
6-7pm	1,822	19	56	44	37	1,978	1,816	11	0	8	67	1,902	3,880
7-8pm	---	---	---	---	---	1,577	---	---	---	---	---	1,490	3,067
8-9pm	---	---	---	---	---	1,131	---	---	---	---	---	1,207	2,338
9-10pm	---	---	---	---	---	863	---	---	---	---	---	1,075	1,938
10-11pm	---	---	---	---	---	620	---	---	---	---	---	833	1,453
11-12pm	---	---	---	---	---	401	---	---	---	---	---	461	862
Totals	---	---	---	---	---	25,769	---	---	---	---	---	26,706	52,475
7-10am	4,373	89	214	257	151	5,084	5,340	144	10	122	263	5,879	10,963
10am-1pm	3,421	35	63	148	91	3,758	3,493	29	0	122	136	3,780	7,538
1-4pm	4,385	48	108	161	123	4,825	4,071	26	0	86	180	4,363	9,188
4-7pm	5,490	55	193	231	226	6,195	5,162	43	0	64	246	5,515	11,710
7am-7pm	17,669	227	578	797	591	19,862	18,066	242	10	394	825	19,537	39,399

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Midtown Highway Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	1,274	---	---	---	---	---	458	1,732
1-2am	---	---	---	---	---	668	---	---	---	---	---	206	874
2-3am	---	---	---	---	---	412	---	---	---	---	---	116	528
3-4am	---	---	---	---	---	298	---	---	---	---	---	125	423
4-5am	---	---	---	---	---	500	---	---	---	---	---	252	752
5-6am	---	---	---	---	---	837	---	---	---	---	---	930	1,767
6-7am	---	---	---	---	---	1,460	---	---	---	---	---	2,234	3,694
7-8am	1,433	73	15	141	93	1,755	2,665	145	67	119	262	3,258	5,013
8-9am	1,399	113	16	121	91	1,740	3,012	70	69	140	278	3,569 **	5,309
9-10am	1,265	137	12	148	101	1,663	2,751	82	118	193	274	3,418	5,081
10-11am	1,775	63	3	57	74	1,972	2,285	29	33	67	90	2,504	4,476
11-12am	1,683	46	6	110	100	1,945	2,033	19	113	126	141	2,432	4,377
12-1pm	2,135	29	21	86	92	2,363	1,870	8	63	71	63	2,075	4,438
1-2pm	2,100	36	78	167	277	2,658	1,747	21	138	148	139	2,193	4,851
2-3pm	2,817	17	72	170	222	3,298	1,660	80	99	140	112	2,091	5,389
3-4pm	3,089	31	35	59	131	3,345	1,999	78	80	62	89	2,308	5,653
4-5pm	2,801	24	80	101	324	3,330	1,654	172	138	47	154	2,165	5,495
5-6pm	3,065	26	24	59	274	3,448 **	2,043	105	118	107	113	2,486	5,934 **
6-7pm	2,802	10	30	66	165	3,073	2,127	33	61	58	65	2,344	5,417
7-8pm	---	---	---	---	---	2,621	---	---	---	---	---	1,763	4,384
8-9pm	---	---	---	---	---	2,531	---	---	---	---	---	1,437	3,968
9-10pm	---	---	---	---	---	2,468	---	---	---	---	---	1,354	3,822
10-11pm	---	---	---	---	---	2,361	---	---	---	---	---	1,139	3,500
11-12pm	---	---	---	---	---	1,881	---	---	---	---	---	801	2,682
Totals	---	---	---	---	---	47,901	---	---	---	---	---	41,658	89,559
7-10am	4,097	323	43	410	285	5,158	8,428	297	254	452	814	10,245	15,403
10am-1pm	5,593	138	30	253	266	6,280	6,188	56	209	264	294	7,011	13,291
1-4pm	8,006	84	185	396	630	9,301	5,406	179	317	350	340	6,592	15,893
4-7pm	8,668	60	134	226	763	9,851	5,824	310	317	212	332	6,995	16,846
7am-7pm	26,364	605	392	1,285	1,944	30,590	25,846	842	1,097	1,278	1,780	30,843	61,433

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes North Channel Bridge - 2005

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	102	---	---	---	---	---	175	277
1-2am	---	---	---	---	---	60	---	---	---	---	---	96	156
2-3am	---	---	---	---	---	39	---	---	---	---	---	55	94
3-4am	---	---	---	---	---	62	---	---	---	---	---	41	103
4-5am	---	---	---	---	---	127	---	---	---	---	---	64	191
5-6am	---	---	---	---	---	401	---	---	---	---	---	124	525
6-7am	---	---	---	---	---	920	---	---	---	---	---	360	1,280
7-8am	1,191	33	20	23	36	1,303 **	416	28	7	45	74	570	1,873 **
8-9am	937	32	22	44	73	1,108	387	28	1	43	65	524	1,632
9-10am	547	8	7	62	36	660	344	20	4	61	70	499	1,159
10-11am	536	10	7	27	9	589	447	13	0	21	35	516	1,105
11-12am	470	8	8	57	47	590	369	9	0	53	74	505	1,095
12-1pm	523	16	0	34	31	604	477	11	0	18	27	533	1,137
1-2pm	570	4	4	19	17	614	564	7	0	15	31	617	1,231
2-3pm	640	23	12	56	47	778	598	30	4	30	85	747	1,525
3-4pm	758	26	12	23	24	843	802	27	0	27	64	920	1,763
4-5pm	600	32	13	44	32	721	772	10	2	31	94	909	1,630
5-6pm	590	10	17	30	26	673	848	6	0	19	58	931 **	1,604
6-7pm	480	9	19	25	39	572	801	7	4	11	68	891	1,463
7-8pm	---	---	---	---	---	499	---	---	---	---	---	752	1,251
8-9pm	---	---	---	---	---	361	---	---	---	---	---	626	987
9-10pm	---	---	---	---	---	298	---	---	---	---	---	503	801
10-11pm	---	---	---	---	---	266	---	---	---	---	---	411	677
11-12pm	---	---	---	---	---	200	---	---	---	---	---	276	476
Totals	---	---	---	---	---	12,390	---	---	---	---	---	11,645	24,035
7-10am	2,675	73	49	129	145	3,071	1,147	76	12	149	209	1,593	4,664
10am-1pm	1,529	34	15	118	87	1,783	1,293	33	0	92	136	1,554	3,337
1-4pm	1,968	53	28	98	88	2,235	1,964	64	4	72	180	2,284	4,519
4-7pm	1,670	51	49	99	97	1,966	2,421	23	6	61	220	2,731	4,697
7am-7pm	7,842	211	141	444	417	9,055	6,825	196	22	374	745	8,162	17,217

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Rikers Island Bridge - 2005

	<i>Northbound</i>						<i>Southbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	46	---	---	---	---	---	291	337
1-2am	---	---	---	---	---	20	---	---	---	---	---	38	58
2-3am	---	---	---	---	---	31	---	---	---	---	---	22	53
3-4am	---	---	---	---	---	101	---	---	---	---	---	11	112
4-5am	---	---	---	---	---	293	---	---	---	---	---	17	310
5-6am	---	---	---	---	---	531	---	---	---	---	---	66	597
6-7am	---	---	---	---	---	966 **	---	---	---	---	---	383	1,349
7-8am	556	8	3	36	68	671	402	28	14	14	5	463	1,134
8-9am	378	8	1	23	30	440	252	13	16	21	8	310	750
9-10am	186	27	1	24	30	268	90	9	2	17	5	123	391
10-11am	195	15	0	20	23	253	110	11	3	9	1	134	387
11-12am	181	15	3	27	32	258	127	21	13	23	10	194	452
12-1pm	307	15	1	10	19	352	273	12	13	10	6	314	666
1-2pm	344	31	2	9	16	402	381	16	21	13	6	437	839
2-3pm	531	14	1	16	40	602	671	19	37	31	16	774	1,376 **
3-4pm	174	7	1	4	9	195	876	17	28	17	1	939 **	1,134
4-5pm	98	7	1	2	6	114	676	10	28	16	0	730	844
5-6pm	66	7	1	0	8	82	264	8	14	2	4	292	374
6-7pm	46	16	2	4	5	73	141	4	18	4	0	167	240
7-8pm	---	---	---	---	---	60	---	---	---	---	---	218	278
8-9pm	---	---	---	---	---	71	---	---	---	---	---	208	279
9-10pm	---	---	---	---	---	125	---	---	---	---	---	239	364
10-11pm	---	---	---	---	---	569	---	---	---	---	---	187	756
11-12pm	---	---	---	---	---	128	---	---	---	---	---	603	731
Totals	---	---	---	---	---	6,651	---	---	---	---	---	7,160	13,811
7-10am	1,120	43	5	83	128	1,379	744	50	32	52	18	896	2,275
10am-1pm	683	45	4	57	74	863	510	44	29	42	17	642	1,505
1-4pm	1,049	52	4	29	65	1,199	1,928	52	86	61	23	2,150	3,349
4-7pm	210	30	4	6	19	269	1,081	22	60	22	4	1,189	1,458
7am-7pm	3,062	170	17	175	286	3,710	4,263	168	207	177	62	4,877	8,587

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Roosevelt Avenue Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	137	---	---	---	---	---	117	254
1-2am	---	---	---	---	---	70	---	---	---	---	---	83	153
2-3am	---	---	---	---	---	68	---	---	---	---	---	56	124
3-4am	---	---	---	---	---	47	---	---	---	---	---	48	95
4-5am	---	---	---	---	---	90	---	---	---	---	---	58	148
5-6am	---	---	---	---	---	127	---	---	---	---	---	149	276
6-7am	---	---	---	---	---	252	---	---	---	---	---	354	606
7-8am	309	26	11	29	18	393	549	4	17	41	38	649	1,042
8-9am	419	18	12	42	46	537	706	20	12	24	38	800	1,337
9-10am	388	7	11	40	46	492	490	52	11	26	31	610	1,102
10-11am	423	6	10	20	25	484	520	9	3	20	7	559	1,043
11-12am	432	12	12	42	49	547	486	17	3	21	10	537	1,084
12-1pm	492	6	8	16	13	535	511	11	2	3	4	531	1,066
1-2pm	480	30	2	9	21	542	488	12	0	2	5	507	1,049
2-3pm	456	31	14	52	47	600	471	8	2	13	11	505	1,105
3-4pm	607	13	10	27	33	690	471	65	1	9	10	556	1,246
4-5pm	520	9	28	51	81	689	551	14	4	10	11	590	1,279
5-6pm	720	6	25	32	93	876	544	7	2	11	7	571	1,447
6-7pm	790	6	21	33	81	931	444	22	4	9	8	487	1,418
7-8pm	---	---	---	---	---	651	---	---	---	---	---	437	1,088
8-9pm	---	---	---	---	---	464	---	---	---	---	---	367	831
9-10pm	---	---	---	---	---	330	---	---	---	---	---	301	631
10-11pm	---	---	---	---	---	290	---	---	---	---	---	250	540
11-12pm	---	---	---	---	---	213	---	---	---	---	---	183	396
Totals	---	---	---	---	---	10,055	---	---	---	---	---	9,305	19,360
7-10am	1,116	51	34	111	110	1,422	1,745	76	40	91	107	2,059	3,481
10am-1pm	1,347	24	30	78	87	1,566	1,517	37	8	44	21	1,627	3,193
1-4pm	1,543	74	26	88	101	1,832	1,430	85	3	24	26	1,568	3,400
4-7pm	2,030	21	74	116	255	2,496	1,539	43	10	30	26	1,648	4,144
7am-7pm	6,036	170	164	393	553	7,316	6,231	241	61	189	180	6,902	14,218

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Roosevelt Island Bridge - 2005

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	146	---	---	---	---	---	87	233
1-2am	---	---	---	---	---	46	---	---	---	---	---	46	92
2-3am	---	---	---	---	---	25	---	---	---	---	---	29	54
3-4am	---	---	---	---	---	24	---	---	---	---	---	22	46
4-5am	---	---	---	---	---	26	---	---	---	---	---	37	63
5-6am	---	---	---	---	---	43	---	---	---	---	---	120	163
6-7am	---	---	---	---	---	108	---	---	---	---	---	370	478
7-8am	288	16	15	5	4	328	580	11	36	15	10	652 **	980 **
8-9am	271	18	23	18	10	340	388	5	3	14	5	415	755
9-10am	145	8	9	22	5	189	211	5	10	14	2	242	431
10-11am	162	2	4	10	5	183	159	5	1	11	9	185	368
11-12am	158	5	9	16	17	205	122	3	8	22	8	163	368
12-1pm	205	4	2	15	7	233	174	24	3	6	4	211	444
1-2pm	197	7	2	5	8	219	170	6	1	9	7	193	412
2-3pm	279	5	5	27	9	325	200	6	4	9	7	226	551
3-4pm	427	24	1	8	10	470	309	8	5	4	3	329	799
4-5pm	519	7	12	2	11	551 **	221	9	7	3	7	247	798
5-6pm	326	6	0	4	11	347	196	7	0	3	7	213	560
6-7pm	204	2	1	1	13	221	224	4	3	3	1	235	456
7-8pm	---	---	---	---	---	196	---	---	---	---	---	211	407
8-9pm	---	---	---	---	---	190	---	---	---	---	---	209	399
9-10pm	---	---	---	---	---	164	---	---	---	---	---	164	328
10-11pm	---	---	---	---	---	143	---	---	---	---	---	144	287
11-12pm	---	---	---	---	---	218	---	---	---	---	---	239	457
Totals	---	---	---	---	---	4,940	---	---	---	---	---	4,989	9,929
7-10am	704	42	47	45	19	857	1,179	21	49	43	17	1,309	2,166
10am-1pm	525	11	15	41	29	621	455	32	12	39	21	559	1,180
1-4pm	903	36	8	40	27	1,014	679	20	10	22	17	748	1,762
4-7pm	1,049	15	13	7	35	1,119	641	20	10	9	15	695	1,814
7am-7pm	3,181	104	83	133	110	3,611	2,954	93	81	113	70	3,311	6,922

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Whitestone Expressway Bridge - 2005

	<i>Northbound</i>						<i>Southbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	2,036	---	---	---	---	---	1,304	3,340
1-2am	---	---	---	---	---	1,172	---	---	---	---	---	788	1,960
2-3am	---	---	---	---	---	809	---	---	---	---	---	639	1,448
3-4am	---	---	---	---	---	695	---	---	---	---	---	793	1,488
4-5am	---	---	---	---	---	1,020	---	---	---	---	---	1,258	2,278
5-6am	---	---	---	---	---	2,269	---	---	---	---	---	3,225	5,494
6-7am	---	---	---	---	---	4,279	---	---	---	---	---	5,870	10,149
7-8am	4,982	94	180	306	354	5,916	5,453	57	222	486	611	6,829	12,745
8-9am	4,837	75	288	384	237	5,821	5,364	70	183	456	389	6,462	12,283
9-10am	3,618	71	169	427	213	4,498	4,102	71	185	483	394	5,235	9,733
10-11am	3,434	35	81	234	143	3,927	4,157	20	103	194	111	4,585	8,512
11-12am	3,174	27	156	539	272	4,168	3,417	22	184	420	224	4,267	8,435
12-1pm	3,887	68	63	253	126	4,397	3,692	27	89	207	143	4,158	8,555
1-2pm	4,320	59	42	225	121	4,767	3,582	52	81	230	144	4,089	8,856
2-3pm	4,865	69	147	500	417	5,998	3,633	64	145	424	260	4,526	10,524
3-4pm	6,428	31	89	254	258	7,060	4,654	85	105	201	144	5,189	12,249
4-5pm	5,976	26	166	340	407	6,915	4,267	51	186	334	249	5,087	12,002
5-6pm	6,014	34	163	261	395	6,867	4,782	23	139	197	143	5,284	12,151
6-7pm	5,472	47	152	155	295	6,121	4,572	9	155	94	130	4,960	11,081
7-8pm	---	---	---	---	---	5,991	---	---	---	---	---	4,272	10,263
8-9pm	---	---	---	---	---	5,049	---	---	---	---	---	3,590	8,639
9-10pm	---	---	---	---	---	4,442	---	---	---	---	---	3,247	7,689
10-11pm	---	---	---	---	---	3,884	---	---	---	---	---	2,812	6,696
11-12pm	---	---	---	---	---	2,966	---	---	---	---	---	2,027	4,993
Totals	---	---	---	---	---	101,067	---	---	---	---	---	90,496	191,563
7-10am	13,437	240	637	1,117	804	16,235	14,919	198	590	1,425	1,394	18,526	34,761
10am-1pm	10,495	130	300	1,026	541	12,492	11,266	69	376	821	478	13,010	25,502
1-4pm	15,613	159	278	979	796	17,825	11,869	201	331	855	548	13,804	31,629
4-7pm	17,462	107	481	756	1,097	19,903	13,621	83	480	625	522	15,331	35,234
7am-7pm	57,007	636	1,696	3,878	3,238	66,455	51,675	551	1,777	3,726	2,942	60,671	127,126

Based on 1989 Classification Survey Data

** Peak Volumes

***Staten Island
Bridges***

Staten Island Bridges
Average Daily Traffic Volumes
1948 - 2005

<i>Year</i>	<i>Fresh Kills</i>
1948	5,597
1949	5,759
1950	6,250
1951	8,023
1952	7,891
1953	7,858
1954	9,098
1955	9,841
1956	9,415
1957	9,897
1958	10,121
1959	8,573
1960	8,147
1961	10,270
1962	9,400
1963	12,450
1964	15,010
1965	15,539
1966	17,175
1967	17,309
1968	19,789
1969	22,379
1970	21,631
1971	26,744
1972	28,455
1973	37,213
1974	36,207
1975	38,684
1976	34,675
1977	30,295
1978	34,467
1979	36,806
1980	41,604
1981	46,947
1982	68,481
1983	46,450
1984	50,341
1985	53,590
1986	44,230
1987	50,372
1988	50,385
1989	36,550
1990	53,442
1991	49,197
1992	48,507
1993	49,969
1994	48,562
1995	47,132
1996	49,740
1997	51,738
1998	53,770
1999	65,577
2000	66,980
2001	67,465
2002	64,563
2003	66,155
2004	64,705
2005	66,816

Hourly Vehicular Volumes Fresh Kills Bridge - 2005

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	142	---	---	---	---	---	152	294
1-2am	---	---	---	---	---	94	---	---	---	---	---	93	187
2-3am	---	---	---	---	---	94	---	---	---	---	---	73	167
3-4am	---	---	---	---	---	215	---	---	---	---	---	79	294
4-5am	---	---	---	---	---	686	---	---	---	---	---	220	906
5-6am	---	---	---	---	---	1,764	---	---	---	---	---	526	2,290
6-7am	---	---	---	---	---	2,696	---	---	---	---	---	1,074	3,770
7-8am	1,445	151	437	484	230	2,747 **	1,067	72	7	42	35	1,223	3,970
8-9am	938	206	406	497	139	2,186	944	20	4	62	31	1,061	3,247
9-10am	1,402	25	206	277	51	1,961	1,121	20	4	92	45	1,282	3,243
10-11am	1,805	40	81	119	23	2,068	1,480	17	0	56	32	1,585	3,653
11-12am	1,523	80	193	302	39	2,137	1,551	16	2	142	75	1,786	3,923
12-1pm	1,693	28	92	179	34	2,026	1,831	41	0	101	54	2,027	4,053
1-2pm	1,769	53	70	82	41	2,015	2,134	89	0	82	33	2,338	4,353
2-3pm	1,660	95	158	253	27	2,193	2,156	76	0	247	128	2,607	4,800
3-4pm	1,801	91	84	89	14	2,079	2,425	43	5	99	90	2,662	4,741
4-5pm	1,770	49	136	164	37	2,156	2,393	28	4	173	110	2,708 **	4,864 **
5-6pm	1,741	101	180	160	26	2,208	2,174	32	3	200	132	2,541	4,749
6-7pm	1,590	145	158	115	36	2,044	1,951	28	13	147	112	2,251	4,295
7-8pm	---	---	---	---	---	1,425	---	---	---	---	---	1,973	3,398
8-9pm	---	---	---	---	---	952	---	---	---	---	---	1,564	2,516
9-10pm	---	---	---	---	---	717	---	---	---	---	---	902	1,619
10-11pm	---	---	---	---	---	444	---	---	---	---	---	540	984
11-12pm	---	---	---	---	---	243	---	---	---	---	---	257	500
Totals	---	---	---	---	---	35,292	---	---	---	---	---	31,524	66,816
7-10am	3,785	382	1,049	1,258	420	6,894	3,132	112	15	196	111	3,566	10,460
10am-1pm	5,021	148	366	600	96	6,231	4,862	74	2	299	161	5,398	11,629
1-4pm	5,230	239	312	424	82	6,287	6,715	208	5	428	251	7,607	13,894
4-7pm	5,101	295	474	439	99	6,408	6,518	88	20	520	354	7,500	13,908
7am-7pm	19,137	1,064	2,201	2,721	697	25,820	21,227	482	42	1,443	877	24,071	49,891

Based on 1989 Classification Survey Data

** Peak Volumes

***MTABT
Facilities***

Manhattan MTABT Facilities
Average Daily Traffic Volumes
1948 - 2005

Year	Brooklyn- Battery Tunnel	Henry Hudson Bridge	Queens- Midtown Tunnel	Triborough Bridge Manh. Plz.	Manhattan Totals
1948	<i>Opened</i>	40,050	26,462	26,465	92,977
1949	<i>05/25/1950</i>	47,472	30,045	32,554	110,071
1950	37,258	53,559	34,044	36,995	161,856
1951	41,253	57,700	36,680	44,639	180,272
1952	45,366	61,592	38,866	48,503	194,327
1953	47,999	65,432	38,509	48,595	200,535
1954	45,120	69,025	38,185	52,286	204,616
1955	45,843	71,240	39,839	59,913	216,835
1956	48,054	69,477	49,544	64,460	231,535
1957	54,490	62,865	54,311	64,677	236,343
1958	53,789	57,321	58,321	62,982	232,413
1959	49,468	56,529	61,115	64,389	231,501
1960	48,970	56,675	62,008	63,115	230,768
1961	48,197	57,140	62,301	59,603	227,241
1962	48,173	59,548	65,038	60,251	233,010
1963	48,271	52,803	63,038	60,988	225,100
1964	51,893	50,768	67,713	66,139	236,513
1965	56,455	45,353	69,386	69,755	240,949
1966	57,674	44,043	69,850	71,540	243,107
1967	57,611	43,409	69,416	73,602	244,038
1968	60,652	44,908	66,432	75,932	247,924
1969	62,116	45,382	68,884	78,481	254,863
1970	62,042	46,720	77,180	85,121	271,063
1971	64,032	50,541	81,747	90,372	286,692
1972	52,065	45,818	74,936	80,052	252,871
1973	49,916	41,871	74,214	85,592	251,593
1974	46,620	38,331	75,219	82,676	242,846
1975	45,636	30,603	65,315	72,566	214,120
1976	52,444	30,557	65,881	68,325	217,207
1977	53,500	31,840	71,150	73,276	229,766
1978	58,252	33,605	72,696	76,572	241,125
1979	60,445	33,387	69,827	87,885	251,544
1980	62,386	31,817	73,216	88,439	255,858
1981	58,657	36,625	81,211	93,361	269,854
1982	56,189	30,923	78,229	88,158	253,499
1983	61,130	31,279	78,134	92,967	263,510
1984	58,032	34,898	74,808	95,247	262,985
1985	63,469	41,680	76,065	94,644	275,858
1986	60,778	49,005	71,478	93,432	274,693
1987	63,256	52,778	77,813	95,795	289,642
1988	62,959	54,910	76,243	99,438	293,550
1989	59,254	50,556	72,828	92,720	275,358
1990	60,512	57,528	71,186	99,840	289,066
1991	63,883	56,279	80,616	94,487	295,265
1992	62,510	58,660	81,835	97,198	300,203
1993	57,561	54,650	77,288	92,660	282,159
1994	57,013	58,291	68,511	79,536	263,351
1995	61,097	62,899	73,882	95,696	293,574
1996	57,091	58,759	72,285	92,981	281,116
1997	54,690	59,660	78,023	91,313	283,686
1998	61,091	59,339	79,697	93,863	293,990
1999	63,307	61,165	80,941	98,553	303,966
2000	63,242	66,304	80,879	103,079	313,504
2001	13,762	69,087	72,864	102,224	257,937
2002	56,976	70,731	82,834	94,759	305,300
2003	56,271	72,209	85,377	93,177	307,034
2004	54,488	73,114	86,599	97,958	312,159
2005	49,043	70,407	86,063	91,898	297,411

MTABT Toll Increases 1/72, 9/75, 5/80, 4/82, 1/84, 1/86, 2/87, 7/89, 1/93, 3/96, 5/03, & 3/05.

Outer Borough MTABT Bridges
Average Daily Traffic Volumes
1948 - 2005

Year	Bronx-Whitestone	Cross Bay	Marine Parkway	Throgs Neck	Triborough Bronx Plz.	Verrazano-Narrows	Totals
1948	33,343	11,421	10,216	<i>Opened</i>	25,997	<i>Opened</i>	80,977
1949	41,485	12,579	11,743	<i>01/11/1961</i>	31,310	<i>11/21/1964</i>	97,117
1950	47,900	13,002	12,971		35,581		109,454
1951	54,565	13,443	13,449		42,934		124,391
1952	59,269	13,706	13,995		46,777		133,747
1953	66,055	15,460	15,620		46,738		143,873
1954	72,061	15,348	16,113		50,289		153,811
1955	77,352	15,630	16,571		57,623		167,176
1956	82,643	15,557	16,277		62,167		176,644
1957	82,199	15,465	16,172		62,206		176,042
1958	83,022	14,895	15,694		60,576		174,187
1959	88,731	15,589	16,975		61,929		183,224
1960	91,956	15,175	16,605		60,870		184,606
1961	55,100	15,518	16,657		57,325		144,600
1962	47,532	15,939	17,301	60,697	57,949		199,418
1963	45,352	16,421	17,978	75,532	58,657		213,940
1964	64,573	16,594	18,145	76,245	61,152		236,709
1965	72,053	16,864	18,855	77,755	67,090	48,842	301,459
1966	71,382	17,684	19,745	80,647	68,806	58,720	316,984
1967	73,931	17,448	19,904	81,237	70,791	66,607	329,918
1968	78,773	18,367	21,424	83,634	73,232	77,393	352,823
1969	79,416	17,608	21,406	85,708	75,482	86,114	365,734
1970	81,582	17,908	22,076	83,734	81,868	96,953	384,121
1971	86,573	18,399	22,426	84,279	83,804	106,014	401,495
1972	80,704	16,813	20,956	89,595	74,777	105,898	388,743
1973	81,548	16,783	21,502	95,326	75,552	111,385	402,096
1974	82,699	16,769	19,734	89,622	76,673	109,671	395,168
1975	81,081	15,019	18,715	87,725	70,338	108,572	381,450
1976	82,060	14,281	17,804	89,520	67,887	110,761	382,313
1977	81,992	14,489	16,724	90,635	67,590	113,040	384,470
1978	86,537	13,955	17,750	89,847	64,746	125,799	398,634
1979	90,394	13,690	17,404	86,315	63,046	124,667	395,516
1980	88,346	13,903	16,472	87,011	63,219	130,904	399,855
1981	84,475	11,583	16,510	91,511	76,200	137,695	417,974
1982	90,312	13,072	17,119	93,867	74,092	143,811	432,273
1983	97,945	13,412	18,003	97,706	78,885	140,645	446,596
1984	97,636	14,835	19,749	90,153	79,300	155,892	457,565
1985	109,012	15,279	20,595	84,517	83,747	162,632	475,782
1986	102,567	15,162	19,965	94,395	80,703	162,426	475,218
1987	102,115	14,289	20,512	93,770	81,424	170,319	482,429
1988	98,235	14,989	21,098	102,333	83,002	174,416	494,073
1989	95,762	14,466	19,666	94,147	78,877	172,529	475,447
1990	104,377	14,645	21,489	91,237	80,346	175,948	488,042
1991	99,054	14,925	20,893	94,377	81,364	178,340	488,953
1992	96,830	14,821	21,042	98,135	77,125	183,218	491,171
1993	93,712	14,578	20,137	101,402	70,458	178,416	478,703
1994	104,819	14,442	20,623	97,471	71,777	181,156	490,288
1995	108,185	15,423	20,568	97,282	72,012	184,634	498,104
1996	101,048	14,845	21,212	97,629	74,522	184,557	493,813
1997	93,018	14,221	19,782	102,094	76,937	182,871	488,923
1998	104,125	16,286	19,583	99,471	81,913	194,592	515,970
1999	120,170	16,975	19,904	90,986	80,019	194,623	522,677
2000	117,583	17,962	21,609	98,357	79,243	202,580	537,334
2001	111,764	19,626	19,527	104,429	77,631	218,971	551,948
2002	123,258	20,010	21,684	104,535	72,259	212,491	554,237
2003	113,441	20,233	21,745	111,092	74,113	206,444	547,068
2004	117,591	20,460	21,556	112,001	82,810	205,544	559,962
2005	105,059	19,852	19,456	114,973	77,257	193,687	530,284

MTABT Toll Increases 1/72, 9/75, 5/80, 4/82, 1/84, 1/86, 2/87, 7/89, 1/93, 3/96, 5/03, & 3/05.

Hourly Vehicular Volumes

Metropolitan Transportation Authority Bridges & Tunnels 2005

	<i>Brooklyn-Battery Tunnel</i>		<i>Henry Hudson Bridge</i>		<i>Queens-Midtown Tunnel</i>		<i>Triborough Bridge (Mahattan Plaza)</i>		<i>Totals</i>	
	<i>N/B</i>	<i>S/B</i>	<i>S/B</i>	<i>N/B</i>	<i>W/B</i>	<i>E/B</i>	<i>W/B</i>	<i>E/B</i>	<i>Entering Manhattan</i>	<i>Leaving Manhattan</i>
12-1am	135	414	167	630	424	1,023	376	557	1,102	2,624
1-2am	54	206	77	215	207	458	216	280	554	1,159
2-3am	45	116	52	118	124	297	118	156	339	687
3-4am	103	72	62	82	159	203	126	171	450	528
4-5am	209	105	130	90	296	322	260	385	895	902
5-6am	763	124	514	121	957	665	942	1,066	3,176	1,976
6-7am	2,161	307	2,203	551	2,403	1,177	2,799	1,758	9,566	3,793
7-8am	3,168	577	3,675	1,340	3,731	1,354	4,008	2,168	14,582 **	5,439
8-9am	3,082	689	3,354	1,589	4,113	1,254	3,807	2,168	14,356	5,700
9-10am	2,377	715	2,643	1,183	3,549	1,290	3,221	2,097	11,790	5,285
10-11am	1,575	657	2,206	1,092	2,648	1,599	2,438	1,756	8,867	5,104
11-12am	1,168	751	1,919	1,163	2,635	1,715	2,733	1,986	8,455	5,615
12-1pm	1,062	886	1,793	1,205	2,340	1,880	2,366	2,096	7,561	6,067
1-2pm	1,063	1,048	1,674	1,379	2,278	2,136	2,326	2,104	7,341	6,667
2-3pm	1,183	1,319	1,870	1,832	2,371	2,633	2,925	2,858	8,349	8,642
3-4pm	1,235	1,745	2,300	2,285	2,456	2,916	3,157	3,076 **	9,148	10,022
4-5pm	1,313	2,142	2,571	2,647	2,531	2,945 **	3,182	2,940	9,597	10,674
5-6pm	1,407	2,313 **	2,932	3,009 **	2,795	2,841	3,420	2,767	10,554	10,930 **
6-7pm	1,034	1,925	2,882	2,772	2,679	2,658	3,317	2,457	9,912	9,812
7-8pm	871	1,647	1,967	2,258	2,146	2,210	2,573	2,249	7,557	8,364
8-9pm	853	1,408	1,221	2,105	1,794	2,278	2,234	1,932	6,102	7,723
9-10pm	632	1,437	922	1,752	1,494	2,279	1,835	1,683	4,883	7,151
10-11pm	482	1,390	621	1,813	1,271	2,156	1,522	1,379	3,896	6,738
11-12pm	301	774	349	1,072	908	1,465	918	990	2,476	4,301
Totals	26,276	22,767	38,104	32,303	46,309	39,754	50,819	41,079	161,508	135,903
7-10am	8,627	1,981	9,672	4,112	11,393	3,898	11,036	6,433	40,728	16,424
10am-1pm	3,805	2,294	5,918	3,460	7,623	5,194	7,537	5,838	24,883	16,786
1-4pm	3,481	4,112	5,844	5,496	7,105	7,685	8,408	8,038	24,838	25,331
4-7pm	3,754	6,380	8,385	8,428	8,005	8,444	9,919	8,164	30,063	31,416
7am-7pm	19,667	14,767	29,819	21,496	34,126	25,221	36,900	28,473	120,512	89,957

** Peak Volumes

Hourly Vehicular Volumes Metropolitan Transportation Authority Bridges & Tunnels 2005

	<i>Bronx-Whitestone Bridge</i>		<i>Cross Bay Bridge</i>		<i>Marine Parkway Bridge</i>		<i>Throgs Neck Bridge</i>		<i>Triborough Bridge (Bronx Plaza)</i>		<i>Verrazano-Narrows Bridge</i>	
	<i>N/B</i>	<i>S/B</i>	<i>N/B</i>	<i>S/B</i>	<i>N/B</i>	<i>S/B</i>	<i>N/B</i>	<i>S/B</i>	<i>N/B</i>	<i>S/B</i>	<i>E/B</i>	<i>W/B</i>
12-1am	712	720	62	151	55	126	556	699	563	469	2,620	1,635
1-2am	460	440	47	97	29	59	346	469	361	311	1,358	889
2-3am	322	351	41	49	20	40	273	365	255	257	739	665
3-4am	314	375	47	31	28	23	360	343	253	307	597	510
4-5am	503	816	105	44	56	26	642	538	442	573	609	603
5-6am	1,237	1,716	383	99	242	84	2,036	1,192	951	1,208	981	1,167
6-7am	2,983	2,676	847	297	681	298	4,524	2,578	2,143	2,632 **	3,372	2,849
7-8am	4,142	2,666	1,133	473	1,271	380	5,045	3,486	2,881	2,628	8,284	4,172
8-9am	3,885	2,747	865	495	912	409	4,223	3,425	2,670	2,337	9,639	4,585
9-10am	2,681	2,486	578	414	618	349	3,712	2,961	2,310	2,252	7,851	3,906
10-11am	2,465	2,320	490	373	552	342	3,100	2,585	2,059	2,030	6,020	3,706
11-12am	2,242	2,242	520	400	486	331	2,573	2,431	1,846	1,889	4,801	3,668
12-1pm	2,195	2,269	513	415	466	409	2,689	2,399	1,739	1,927	4,240	3,844
1-2pm	2,287	2,442	498	474	452	466	2,572	2,737	1,885	1,921	4,031	4,322
2-3pm	2,689	2,951	640	595	552	617	2,797	3,652	2,088	2,211	4,247	5,670
3-4pm	2,894	3,838	691	756	644	857	3,034	4,530	2,381	2,533	4,718	7,119
4-5pm	2,957	3,836	594	742	584	962	3,208	4,620 **	2,407	2,474	5,644	7,573
5-6pm	3,150	3,990 **	541	782 **	553	994 **	3,104	4,380	2,324	2,409	6,019	7,604 **
6-7pm	2,942	3,786	471	759	469	794	3,153	4,222	2,084	2,034	6,017	6,949
7-8pm	2,571	3,453	377	594	375	619	2,682	3,384	1,792	1,731	5,313	5,785
8-9pm	2,324	2,601	277	505	325	473	2,158	2,471	1,558	1,361	4,318	5,081
9-10pm	2,126	2,181	234	421	236	418	1,793	2,026	1,390	1,342	3,503	4,259
10-11pm	1,793	1,841	202	335	168	296	1,423	1,504	1,225	1,146	3,222	3,363
11-12pm	1,267	1,175	168	227	115	195	868	1,105	926	742	3,156	2,464
Totals	51,141	53,918	10,324	9,528	9,889	9,567	56,871	58,102	38,533	38,724	101,299	92,388
7-10am	10,708	7,899	2,576	1,382	2,801	1,138	12,980	9,872	7,861	7,217	25,774	12,663
10am-1pm	6,902	6,831	1,523	1,188	1,504	1,082	8,362	7,415	5,644	5,846	15,061	11,218
1-4pm	7,870	9,231	1,829	1,825	1,648	1,940	8,403	10,919	6,354	6,665	12,996	17,111
4-7pm	9,049	11,612	1,606	2,283	1,606	2,750	9,465	13,222	6,815	6,917	17,680	22,126
7am-7pm	34,529	35,573	7,534	6,678	7,559	6,910	39,210	41,428	26,674	26,645	71,511	63,118

** Peak Volumes

***PANYNJ
Facilities***

PANYNJ Manhattan - New Jersey Facilities

Average Daily Traffic Volumes

1948 - 2005

<i>Year</i>	<i>George Washington Bridge</i>	<i>Holland Tunnel</i>	<i>Lincoln Tunnel</i>	<i>Totals</i>
1948	42,306	42,623	30,856	115,785
1949	49,261	45,167	35,515	129,943
1950	54,437	49,660	42,556	146,653
1951	64,516	53,792	47,842	166,150
1952	76,446	51,317	53,490	181,253
1953	84,398	53,270	56,909	194,577
1954	90,306	54,560	57,528	202,394
1955	98,013	55,445	58,468	211,926
1956	97,059	56,961	59,068	213,088
1957	98,110	56,801	63,712	218,623
1958	97,435	55,881	68,178	221,494
1959	105,334	57,926	73,761	237,021
1960	106,245	57,678	75,697	239,620
1961	104,107	56,277	76,449	236,833
1962	111,090	58,518	81,038	250,646
1963	127,452	58,814	79,337	265,603
1964	143,193	59,702	82,929	285,824
1965	155,967	55,060	82,312	293,339
1966	167,304	55,559	81,118	303,981
1967	173,093	54,181	80,879	308,153
1968	182,934	53,962	83,396	320,292
1969	189,817	54,438	84,868	329,123
1970	194,910	58,574	94,354	347,838
1971	210,749	57,968	93,346	362,063
1972	221,172	61,485	95,963	378,620
1973	232,686	64,731	99,786	397,203
1974	211,955	64,765	99,827	376,547
1975	215,927	62,381	96,399	374,707
1976	215,136	64,663	101,451	381,250
1977	222,897	63,015	99,101	385,013
1978	229,666	66,405	103,441	399,512
1979	232,739	61,403	99,582	393,724
1980	235,615	64,417	104,702	404,734
1981	250,804	68,750	107,827	427,381
1982	249,294	73,997	110,453	433,744
1983	254,728	76,226	110,210	441,164
1984	258,723	71,819	123,233	453,775
1985	275,934	76,121	116,397	468,452
1986	286,398	77,300	122,053	485,751
1987	288,642	73,655	124,342	486,639
1988	284,984	84,626	120,569	490,179
1989	281,812	84,429	121,452	487,693
1990	272,556	87,976	121,711	482,243
1991	262,491	87,502	117,508	467,501
1992	268,007	90,206	118,659	476,872
1993	260,732	92,685	119,652	473,069
1994	259,863	94,637	119,299	473,799
1995	266,029	96,310	119,759	482,098
1996	275,469	96,798	120,927	493,194
1997	282,293	100,986	121,509	504,788
1998	297,188	100,872	124,452	522,512
1999	317,640	103,020	128,692	549,352
2000	317,618	101,137	129,710	548,465
2001	309,310	43,377	106,257	458,944
2002	310,771	92,557	129,511	532,839
2003	319,029	101,097	127,323	547,449
2004	315,066	96,171	125,159	536,396
2005	304,302	96,960	126,455	527,717

PANYNJ one-way tolls initiated 8/12/1970.

PANYNJ toll increases May 1975, January 1984, April, 1987, April 1991, March 2001.

PANYNJ Staten Island - New Jersey Bridges
Average Daily Traffic Volumes
1948 - 2005

<i>Year</i>	<i>Bayonne Bridge</i>	<i>Goethals Bridge</i>	<i>Outerbridge Crossing</i>	<i>Totals</i>
1948	5,241	4,283	3,690	13,214
1949	5,754	4,641	4,233	14,628
1950	6,360	5,215	4,856	16,431
1951	6,314	6,028	5,993	18,335
1952	7,035	6,865	5,243	19,143
1953	7,385	7,938	5,275	20,598
1954	7,452	8,323	5,779	21,554
1955	7,546	9,043	6,096	22,685
1956	7,136	9,335	5,731	22,202
1957	6,899	9,553	6,162	22,614
1958	6,711	9,703	5,539	21,953
1959	6,780	10,441	5,757	22,978
1960	6,519	10,331	6,006	22,856
1961	6,986	12,028	6,360	25,374
1962	7,532	11,973	6,833	26,338
1963	7,806	12,478	7,114	27,398
1964	8,012	14,182	7,786	29,980
1965	8,333	27,239	9,256	44,828
1966	9,349	32,007	9,622	50,978
1967	9,897	34,870	9,284	54,051
1968	10,349	38,564	9,741	58,654
1969	10,807	41,838	10,408	63,053
1970	11,034	47,949	9,937	68,920
1971	11,304	52,862	10,592	74,758
1972	11,704	54,574	10,740	77,018
1973	12,458	56,850	11,726	81,034
1974	12,418	53,964	14,162	80,544
1975	11,860	53,206	15,994	81,060
1976	11,418	51,554	17,892	80,864
1977	11,704	45,816	28,016	85,536
1978	11,508	44,748	32,742	88,998
1979	11,926	44,910	35,328	92,164
1980	12,984	46,352	38,438	97,774
1981	13,166	46,962	41,516	101,644
1982	13,622	48,310	44,740	106,672
1983	13,924	51,350	48,512	113,786
1984	14,058	53,962	50,908	118,928
1985	14,490	57,708	54,268	126,466
1986	15,906	64,634	57,896	138,436
1987	14,890	65,452	59,392	139,734
1988	14,676	66,136	62,250	143,062
1989	13,838	63,367	62,846	140,051
1990	12,246	63,549	62,545	138,340
1991	12,408	63,547	65,499	141,454
1992	13,342	64,469	67,569	145,380
1993	13,979	60,424	66,372	140,775
1994	14,212	62,464	67,199	143,875
1995	14,536	63,040	66,081	143,657
1996	14,389	63,601	68,575	146,565
1997	15,903	65,207	70,468	151,578
1998	16,846	67,076	72,864	156,786
1999	17,603	70,863	78,424	166,890
2000	18,493	72,791	73,384	164,668
2001	23,631	78,196	75,424	177,251
2002	21,327	81,384	76,429	179,140
2003	20,208	75,724	78,650	174,582
2004	22,510	71,532	80,226	174,268
2005	21,755	68,790	81,108	171,653

PANYNJ one-way tolls initiated 8/12/1970.

PANYNJ toll increases May 1975, January 1984, April, 1987, April 1991, March 2001.

Hourly Vehicular Volumes

Port Authority of New York & New Jersey

2005

	George Washington Bridge		Holland Tunnel		Lincoln Tunnel		Totals	
	<i>E/B</i>	<i>W/B</i>	<i>E/B</i>	<i>W/B</i>	<i>E/B</i>	<i>W/B</i>	Entering Manhattan	Leaving Manhattan
12-1am	1,881	3,183	791	991	996	2,052	3,668	6,226
1-2am	1,361	1,851	508	671	628	1,060	2,497	3,582
2-3am	1,118	1,480	345	534	474	678	1,937	2,692
3-4am	1,285	1,274	337	543	506	585	2,128	2,402
4-5am	2,063	1,586	552	746	894	713	3,509	3,045
5-6am	5,590	2,689	1,787	1,594	2,625	1,041	10,002	5,324
6-7am	11,169 **	5,918	3,229 **	2,412	5,172 **	1,737	19,570 **	10,067
7-8am	10,571	7,876	3,021	2,930	4,859	2,166	18,451	12,972
8-9am	9,238	8,304	3,004	2,925	4,432	2,332	16,674	13,561
9-10am	8,824	7,265	2,938	2,186	4,542	2,093	16,304	11,544
10-11am	7,772	6,290	2,431	2,208	3,869	2,143	14,072	10,641
11-12am	6,873	6,303	2,032	1,986	3,331	2,370	12,236	10,659
12-1pm	6,486	6,576	1,895	1,999	2,989	2,654	11,370	11,229
1-2pm	6,326	7,177	1,904	2,583	2,808	3,035	11,038	12,795
2-3pm	6,939	8,481	2,054	3,032 **	2,882	3,912	11,875	15,425
3-4pm	7,922	10,288	2,357	2,963	3,016	4,201	13,295	17,452
4-5pm	8,852	11,155	2,702	2,783	2,543	4,915	14,097	18,853
5-6pm	9,383	11,464 **	2,909	2,716	1,946	4,772	14,238	18,952 **
6-7pm	9,039	10,674	2,840	2,860	2,287	4,987 **	14,166	18,521
7-8pm	7,230	10,033	2,516	2,719	2,640	3,948	12,386	16,700
8-9pm	5,608	8,451	1,955	2,352	2,224	3,779	9,787	14,582
9-10pm	4,945	6,896	1,804	2,555	2,075	3,657	8,824	13,108
10-11pm	4,312	5,999	1,744	2,109	2,054	3,527	8,110	11,635
11-12pm	3,074	5,228	1,313	1,595	1,668	2,638	6,055	9,461
Totals	147,861	156,441	46,968	49,992	61,460	64,995	256,289	271,428
7-10am	28,633	23,445	8,963	8,041	13,833	6,591	51,429	38,077
10am-1pm	21,131	19,169	6,358	6,193	10,189	7,167	37,678	32,529
1-4pm	21,187	25,946	6,315	8,578	8,706	11,148	36,208	45,672
4-7pm	27,274	33,293	8,451	8,359	6,776	14,674	42,501	56,326
7am-7pm	98,225	101,853	30,087	31,171	39,504	39,580	167,816	172,604

** Peak Volumes

Hourly Vehicular Volumes

Port Authority of New York & New Jersey

2005

	Bayonne Bridge		Goethals Bridge		Outerbridge Crossing		Totals	
	<i>S/B</i>	<i>N/B</i>	<i>E/B</i>	<i>W/B</i>	<i>E/B</i>	<i>W/B</i>	To Staten Island	To New Jersey
12-1am	159	174	592		503	671	1,254	845
1-2am	115	105	369	<i>Closed W/B</i>	347	410	831	515
2-3am	91	95	291	<i>10 pm - 5 am</i>	331	305	713	400
3-4am	78	119	283	<i>Weekdays</i>	353	311	714	430
4-5am	120	178	422		687	431	1,229	609
5-6am	229	247	1,018	973	1,830	601	3,077	1,821
6-7am	385	752	1,820	2,173	2,714	1,481	4,919	4,406
7-8am	501	1,287 **	1,701	2,976 **	2,616	2,461	4,818	6,724 **
8-9am	500	1,238	1,785	2,671	2,355	2,722	4,640	6,631
9-10am	456	724	1,849	2,093	2,135	2,234	4,440	5,051
10-11am	419	433	1,681	1,865	1,819	1,980	3,919	4,278
11-12am	419	347	1,641	1,815	1,693	1,950	3,753	4,112
12-1pm	463	358	1,675	1,818	1,787	1,818	3,925	3,994
1-2pm	533	345	1,850	1,932	1,900	1,857	4,283	4,134
2-3pm	711	373	2,169	2,133	2,191	2,179	5,071	4,685
3-4pm	885	393	2,402	2,265	2,347	2,612	5,634	5,270
4-5pm	1,075	420	2,528	2,530	2,688	2,764 **	6,291	5,714
5-6pm	1,421 **	427	2,917 **	2,084	3,030 **	2,691	7,368 **	5,202
6-7pm	1,198	371	2,663	1,680	2,510	2,514	6,371	4,565
7-8pm	729	287	2,226	1,266	2,001	2,078	4,956	3,631
8-9pm	462	255	1,680	1,210	1,686	1,742	3,828	3,207
9-10pm	374	264	1,419	401	1,495	1,586	3,288	2,251
10-11pm	341	352	1,059		1,224	1,500	2,624	1,852
11-12pm	269	278	865		848	1,120	1,982	1,398
Totals	11,933	9,822	36,905	31,885	41,090	40,018	89,928	81,725
7-10am	1,457	3,249	5,335	7,740	7,106	7,417	13,898	18,406
10am-1pm	1,301	1,138	4,997	5,498	5,299	5,748	11,597	12,384
1-4pm	2,129	1,111	6,421	6,330	6,438	6,648	14,988	14,089
4-7pm	3,694	1,218	8,108	6,294	8,228	7,969	20,030	15,481
7am-7pm	8,581	6,716	24,861	25,862	27,071	27,782	60,513	60,360

** Peak Volumes