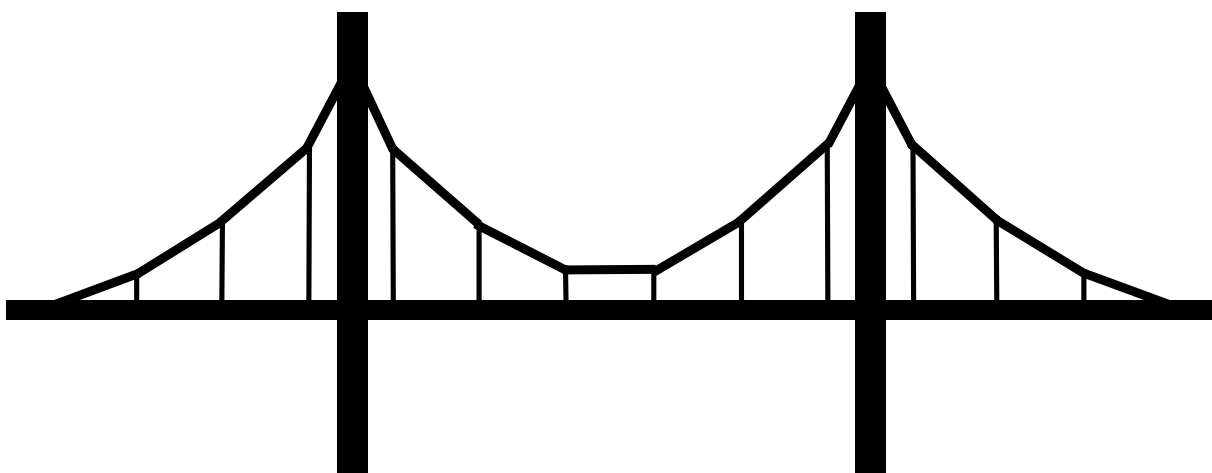


NEW YORK CITY BRIDGE TRAFFIC VOLUMES 2007



The City of New York
Michael R. Bloomberg, Mayor



New York City Department of Transportation
Janette Sadik-Khan, Commissioner

A member of the New York Metropolitan Transportation Council

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New York City Bridge Traffic Volumes 2007

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Introduction

INTRODUCTION

The 2007 *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 Safe, Accountable, Flexible, Efficient Transportation Equity Act – A Legacy For Users (SAFETEA – LU).

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 2007 *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 by vehicle type. A regression analysis of the total daily volumes for each facility for the years 1948-2007 was performed in order to develop trend information. In addition, changes in the traffic volumes for all facilities over the past 59 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.

Each of the 47 New York City bridges and the MTABT and PANYNJ facilities has been classified under a highway functional classification system. 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 classifications 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

2007 Volumes

- In 2007, daily traffic on the 47 bridges operated by the New York City Department of Transportation increased 0.6%, to 2.737 million from 2.719 million in 2006.
- Daily traffic on the four East River bridges increased 0.4%, to 496,700 in fall 2007 from 494,600 in fall 2006.
- Daily volume using the nine Harlem River bridges increased 0.2%, to 557,900 in 2007 from 557,000 in 2006.
- Daily traffic using the four bridges over Newtown Creek between Queens and Brooklyn decreased 0.7%, to 263,300 in 2007 from 265,300 in 2006.
- On the eight bridges in The Bronx, daily traffic decreased 0.5%, to 453,600 from 456,000.
- On the ten bridges in Brooklyn, daily traffic increased 1.6%, to 334,000 from 328,600.
- On the eleven bridges in Queens, daily traffic increased 1.7%, to 562,100 from 552,600.
- Daily traffic on the Fresh Kills Bridge in Staten Island increased 5.7%, to 69,000 from 65,300.
- The most heavily used City-operated water crossing in 2007 was the Whitestone Expressway Bridge, which carried 202,400 daily vehicles across the Flushing River in Queens.
- Other high volume bridges were the Alexander Hamilton Bridge over the Harlem River between The Bronx and Manhattan (192,700 daily vehicles), the Kosciuszko Bridge over Newtown Creek between Brooklyn and Queens (186,500), the Queensboro Bridge over the East River between Manhattan and Queens (181,400), the Eastern Boulevard Bridge over the Bronx River in The Bronx (180,100), the Mill Basin Bridge on the Belt Parkway in Brooklyn (148,800), and the Brooklyn Bridge over the East River between Brooklyn and Manhattan (131,600).

Major Increases

- On bridges carrying more than 50,000 daily vehicles, the largest percentage increase was on the Fresh Kills Bridge in Staten Island, where daily traffic increased 5.7%, to 69,000 daily vehicles in 2007 from 65,300 in 2006. The largest numerical increase was on the Whitestone Expressway Bridge in Queens (+5,300 daily vehicles, to 202,400 in 2007 from 197,100 in 2006).
- On bridges carrying fewer than 50,000 daily vehicles, the Pelham Bridge in The Bronx had the highest percentage increase (+13.7%), and the highest numerical increase (+2,300 daily vehicles, to 19,000 in 2007 from 16,700 in 2006).

Major Decreases

- On bridges carrying more than 50,000 daily vehicles, the Flushing Bridge in Queens showed the largest percentage decline (-6.1%, to 57,400 in 2007 from 61,100 in 2006). The largest

numerical decrease was on the Queensboro Bridge between Queens and Manhattan, where daily traffic decreased by 4,700, to 181,400 from 186,100.

- On bridges carrying fewer than 50,000 daily vehicles, the Stillwell Avenue Bridge in Brooklyn showed the largest percentage reduction (-9.6%, to 10,100 daily vehicles in 2007 from 11,200 in 2006). The largest numerical decrease was on the Greenpoint Avenue Bridge over Newtown Creek between Brooklyn and Queens, where daily traffic decreased by 2,800, to 27,000 in 2007 from 29,800 in 2006.

Ten-Year Trends: 1997 - 2007

- Total bridge traffic increased at an average rate of 0.5% per year during this ten-year period, compared to the 0.4% 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 (+3.4%), the Hutchinson River Parkway Bridge in The Bronx (+3.1%), the East 174 Street Bridge in The Bronx (+2.9%), the Unionport Bridge in The Bronx (+2.9%), and the North Channel Bridge in Queens (+2.7%).
- Traffic on the four toll-free East River bridges decreased at an average rate of 0.4% per year, versus an annual increase of 0.5% during the preceding decade. The only positive annual growth rate occurred on the Williamsburg Bridge (+0.7% per year). The greatest rate of decrease was on the Manhattan Bridge (-1.1% per year).
- Traffic on the nine toll-free Harlem River bridges decreased 0.1% per year, versus an annual increase of 0.1% during the preceding decade. The highest growth rate occurred on the Madison Avenue Bridge (+3.4% per year). The greatest annual decrease was on the Third Avenue Bridge (-2.9% per year).
- On the four bridges over Newtown Creek between Brooklyn and Queens, daily traffic increased 0.1% per year, compared to the 0.5% annual growth rate during the preceding decade. The highest growth rate occurred on the Pulaski Bridge, +2.0% per year.
- Daily volume on the eight bridges in the Bronx increased 2.0% per year, versus an annual rate of decline of 0.1% during the preceding ten years. The fastest individual facility growth rates were recorded on the Hutchinson River Parkway Bridge (+3.1% annually), the East 174th Street and Unionport Bridges (each +2.9% annually), and the Eastern Boulevard Bridge (+2.6% annually). Average volume on the Pelham Bridge declined by 3.2% annually.
- Average daily traffic on the ten bridges in Brooklyn increased 0.3% per year, compared to the 1.1% annual growth rate during the preceding ten years. The fastest annual growth rate occurred on the Cropsey Avenue Bridge (+2.4%).
- Traffic on the eleven Queens bridges increased 0.8% per year, nearly the same as the 0.7% annual growth rate of the preceding decade. The fastest growth rates occurred on the North Channel Bridge (+2.7% annually), and the Midtown Highway Bridge (+2.2% annually). Average volume on the Roosevelt Avenue Bridge declined by 2.7% 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 2007, it stood at 2,737,000 daily trips, nearly three times the 1948 volume.
- Between 1957 and 1967, bridge traffic increased 3.8% per year on the 45 City bridges open during that time. The highest annual growth rates were on the Unionport Bridge in The Bronx

(+12.9%), the Westchester Avenue Bridge in The Bronx (+11.4%), the Brooklyn Bridge between Manhattan and Brooklyn (+9.0%), and the Fresh Kills Bridge in Staten Island (+8.4%).

- Between 1967 and 1977, total bridge traffic exhibited a 0.0% average annual growth rate on the 47 City bridges. Individually, the Rikers Island and Borden Avenue Bridges in Queens had the highest annual growth rates (+7.6% each), followed by the Fresh Kills Bridge in Staten Island (+7.3%).
- Between 1977 and 1987, total traffic on the 47 City bridges showed an average annual growth rate of 2.3%. The highest individual facility annual growth rates were on the Rikers Island Bridge in Queens (+9.1%), the Union Street Bridge in Brooklyn (+8.3%), the Grand Street Bridge over Newtown Creek between Brooklyn and Queens (+5.6%), the Metropolitan Avenue and Croysey Avenue Bridges in Brooklyn (+5.3% each), and the East 174th Street Bridge in The Bronx (+5.0%).
- Between 1987 and 1997, bridge traffic grew 0.4% per year on the 47 City bridges. The highest annual growth rates were on the Greenpoint Avenue Bridge over Newtown Creek between Brooklyn and Queens (+5.4%), the Pelham Bridge in The Bronx (+5.4%), and the Third Street Bridge in Brooklyn (+5.1%).
- 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 770,200 more daily vehicles crossing the bridges in 2007 than in 1979.

Major Bridge Reconstruction In 2007

Brooklyn Bridge

Eastbound lane closures were in effect as follows:

All 2007:	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.
01/23–01/26:	2:00am–6:00am	Tue–Fri	2 e/b lanes closed.

Westbound lane closures were in effect as follows:

All 2007:	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.
07/23–09/10:	12:01am–5:00am	Mon–Fri	2 w/b lanes closed,
	2:00am–6:00am	Sat.	2 w/b lanes closed,
	11:00pm Sat. – 11:00am Sun.		2 w/b lanes closed.

The Tillary Street entrance to the westbound Brooklyn Bridge was closed from 11:00pm Friday, March 2, until 6:00am Saturday, March 3. Motorists were advised to use the Sands Street entrance, or use the Manhattan Bridge as an alternate.

One of two lanes on the FDR Drive ramp to the eastbound Brooklyn Bridge was closed from 10:00am until 2:00pm March 26–30 for tree trimming operations.

The bridge entrance from the eastbound Brooklyn–Queens expressway was closed from 12:01am to 5:00am on April 26 and April 27.

Manhattan Bridge

From January 1 to September 30, the **lower roadway** was completely closed round–the–clock (closed since October 15, 2006). During this period, there were two lanes in each direction on the upper roadways. In order to mitigate traffic disruptions, the south inner roadway of the Williamsburg Bridge was operated Manhattan–bound weekdays 6:00am – 10:00am for passenger cars only with access in Manhattan to Allen Street only.

From January 1 to August 5, the **north bikeway** was closed round–the–clock (closed since October 9, 2006). During that time, pedestrian and cyclist access to the bridge was maintained by sharing the south walkway.

As of October 1, the lower roadway was reopened.

Simultaneous with the lower roadway reopening, a **High Occupancy Vehicle (HOV) facility** was implemented in the left lane of the Manhattan–bound north upper roadway between 6:00am and 10:00pm on weekdays. Operation of the bridge was as follows.

Manhattan Bridge Operation: January 1 – September 30, 2007.

- **All hours.**
 - Two lanes open Manhattan–bound on the north upper roadway for all vehicles.
 - Two lanes open Brooklyn–bound on the south upper roadway for all vehicles.

Lower Roadway closed round–the–clock.

Manhattan Bridge Operation: Effective October 1, 2007.

- **6:00am – 10:00am Weekdays.**
 - Four lanes open westbound: two lanes on the north upper roadway (no trucks), and two lanes on the lower roadway for all vehicle types.
 - Left lane of the north upper roadway reserved for **buses and HOVs**.
 - Two lanes open eastbound on the south upper roadway.
- **10:00am – 2:00pm Weekdays.**
 - Three lanes open westbound: one or two lanes on the north upper roadway (no trucks), and one or two lanes on the lower roadway for all vehicle types.
 - Two lanes open eastbound on the south upper roadway.
- **2:00pm – 3:00pm Weekdays.**
 - Two lanes open westbound on the north upper roadway.

- Two lanes open eastbound on the south upper roadway.
- Lower roadway closed for reversal.
- **3:00pm – 5:00am Weekdays.**
 - Two lanes open westbound on the north upper roadway.
 - Four lanes open eastbound: two lanes on the south upper roadway, and two lanes on the lower roadway.
- **9:00pm Friday – 5:00am Monday.**
 - Four lanes open westbound: two lanes on the north upper roadway, and two lanes on the lower roadway.
 - Two lanes open eastbound on the south upper roadway.
- **Lower Roadway.**
 - Available to all vehicle types at all times.
 - Manhattan-bound 5:00am – 2:00pm weekdays, and 9:00pm Friday to 5:00am Monday.
 - Closed for reversal approximately 2:00pm – 3:00pm weekdays.
 - Brooklyn-bound 3:00pm – 5:00am weekdays.
 - Manhattan-bound trucks required to use the lower roadway weekdays 5:00am – 2:00pm.
 - Access to westbound Canal Street in Manhattan.
 - One of three lower roadway lanes closed round-the-clock.
 - Additional overnight and weekend lane closures as needed on the lower roadway.
- **North Upper Roadway.**
 - Manhattan-bound all hours.
 - No trucks weekdays 5:00am – 2:00pm.
 - Left lane reserved for **buses and HOVs** weekdays 6:00am – 10:00am. Access to the HOV lane is from Brooklyn–Queens Expressway eastbound exit 29A, from Nassau Street, and from Flatbush Avenue–Tillary Street.
 - Single-occupant cars permitted only in the right lane weekdays 6:00am–10:00am, with access from Brooklyn–Queens Expressway eastbound exit 29A and from Nassau Street. Single-occupant cars are not permitted to access the north upper roadway from Flatbush Avenue–Tillary Street during these hours.
 - When the lower roadway is Manhattan-bound, access in Manhattan from the north upper roadway is to northbound Chrystie Street and eastbound Canal Street only, with no access to westbound Canal Street from the north upper roadway during these hours. Drivers seeking access to westbound Canal Street during these hours must use the lower roadway.
 - Overnight and weekend lane closures as needed on the north upper roadway.
- **South Upper Roadway.**
 - Brooklyn-bound all hours for all vehicle types.
 - Overnight and weekend lane closures as needed on the south upper roadway.

Queensboro Bridge

Throughout 2007, **trucks** were permitted only on the two Lower Inner Roadways.

Throughout 2007, 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 2007, the North Outer Roadway was reserved for **bicyclists and pedestrians**. From January 1 to October 31, this roadway was closed from 10:00pm to 5:00am (closure started May 29, 2006). During these hours, shuttle bus service was provided for bicyclists and pedestrians.

The North Inner Roadway was closed as follows:

01/09–01/13: 1:00am – 5:00am Tue–Sat.
Manhattan-bound trucks banned from the bridge during these hours.

The North Upper Roadway was closed intermittently as follows:

All 2007: 1:00am – 5:00am Mon–Fri,
1:00am – 6:00am Sat,
1:00am – 7:00am Sun.

The North Outer Roadway was closed as follows:

01/01–10/31: 10:00pm – 5:00am All Days.
Shuttle bus provided for pedestrians and bicyclists during these hours.

The North Outer Roadway was also closed intermittently as follows:

11/01–12/31: 10:00pm – 5:00am All Days.
Shuttle bus provided for pedestrians and bicyclists during closures.

The South Inner Roadway was closed as follows:

01/16–01/18: 1:00am – 5:00am Tue–Thu.
Queens-bound trucks banned from the bridge during these hours.

The South Upper Roadway was closed intermittently as follows:

All 2007: 1:00am – 5:30am Mon–Fri,
2:00am – 7:00am Sat,
2:00am – 8:00am Sun.

The South Outer Roadway was closed as follows:

01/19–01/20: 1:00am – 5:00am Fri–Sat.

The South Outer Roadway was also closed intermittently as follows:

All 2007: 1:00am – 6:00am Mon–Fri,
1:00am – 7:00am Sat.

Access to the 60th Street ramp from the Manhattan-bound north inner roadway was closed as follows:

07/23–08/03: 11:00pm – 5:00am Mon–Fri.

Queensboro Bridge Operation: All 2007.

- 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 2007, there were additional intermittent closings of single lanes on individual roadways of the Queensboro Bridge during off-peak hours.

Williamsburg Bridge

Throughout 2007, **trucks** were permitted only on the outer roadways.

From January 1 to February 16, the north foot walk was closed (had been closed since September 16, 2006), and the south foot walk was open for pedestrians and bicyclists, with access in Brooklyn from Bedford Street.

From July 14 to August 10, the south foot walk was open only on weekends from 3:00pm Fridays to 6:00am Mondays, with access in Brooklyn from Bedford Avenue.

From January 1 to October 12, the South Inner Roadway was reversed to Manhattan-bound between 6:00am and 10:00am on weekdays (no trucks or buses) with access to Allen Street only to assist with the Manhattan Bridge lower roadway reconstruction closure.

The South Inner Roadway was reversed to Manhattan-bound as follows:

01/01 – 10/12: 6:00am – 10:00am Mon–Fri.

The South Inner Roadway was closed as follows:

01/01 – 10/12: 10:00am – 3:00pm Mon–Fri.

10/13 – 12/31 6:00am – 3:00pm Mon–Fri.

Williamsburg Bridge Operation: January 1 – October 12, 2007.

- **Mon–Fri 6:00am – 10:00am.**
Manhattan-bound: 6 lanes.
Brooklyn-bound: 2 lanes.
- **Mon–Fri 10:00am – 3:00pm.**
Manhattan-bound: 4 lanes.
Brooklyn-bound: 2 lanes.
- **All other times.**
Manhattan-bound: 4 lanes.
Brooklyn-bound: 4 lanes.

Williamsburg Bridge Operation: October 13 – December 31, 2007.

- **Mon–Fri 6:00am – 3:00pm.**
Manhattan-bound: 4 lanes.
Brooklyn-bound: 2 lanes.
- **All other times.**
Manhattan-bound: 4 lanes.
Brooklyn-bound: 4 lanes.

Alexander Hamilton Bridge

Two of four eastbound lanes were closed as follows.

11/24–12/14: 11:00pm – 5:30am Weeknights,
12:01am – 9:00am Saturdays.

Macombs Dam Bridge

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

03/21–09/27: 12:01am – 5:00am Mon–Fri. *No closures within two hours*
1:00am – 6:00am Sat–Sun. *of Yankee home games.*

No full closures of this bridge during full closures of the 145th Street Bridge.

As of November 10, 2007, during all hours, only one lane in each direction was available on East 161st Street, Jerome Avenue, and the Macombs Dam Bridge approach roadway.

Throughout 2007, there were additional closures of single lanes in each direction on the Macombs Dam Bridge during off-peak hours.

Third Avenue Bridge (Harlem River)

The Third Avenue Bridge was completely closed according to the following schedule.

07/09: 1:00am – 5:00am Mon. *Bridge fully closed.*

Washington Bridge

The westbound exit ramp to southbound I-95 and the George Washington Bridge was closed as follows.

09/15–09/21: Midnight – 5:00am Weeknights.

Willis Avenue Bridge

One of four Bronx-bound lanes was closed as follows:

05/21–05/26: 11:00pm – 6:00am Weeknights.
12:01am – 7:00am Sat.

145th Street Bridge

The entire 145th Street Bridge was completely closed round-the-clock to vehicular traffic, pedestrians, and bicyclists from November 1, 2006, to March 21, 2007.

As of March 22, 2007, one lane in each direction, and one sidewalk, was open.

As of June 17, 2007, two lanes in each direction were open.

The entire bridge was also fully closed as follows:

06/01–06/03: 10:00pm Friday to 9:00am Sunday. Bridge totally closed.

The entire bridge was also closed intermittently as follows:

03/21–12/31: 10:00pm – 6:00am Weeknights. Bridge closed intermittently.

12:01am – 7:00am Sat–Sun. Bridge closed intermittently.

No closures within two hours of Yankee home games.

No full closures of this bridge during full closures of the Macombs Dam Bridge.

From March 16 to March 23, the exit from the northbound Major Deegan Expressway to the 145th Street Bridge was closed round-the-clock.

Throughout 2007, there were additional closures of single lanes in each direction on the 145th Street Bridge and its approach ramps during off-peak hours.

Kosciuszko Bridge

There were intermittent lane closures as follows:

All 2007: 10:30pm – 5:00am Weeknights. 1 E/B lane closed intermittently,
12:01am – 5:00am Weeknights. 2 E/B lanes closed intermittently.

08/20–08/24: 10:00am – 2:00pm Mon–Fri. 1 E/B lane and 1 W/B lane closed intermittently.

08/25–08/26: 5:30am – 11:30am Sat–Sun. 1 E/B lane and 1 W/B lane closed intermittently.

Eastern Boulevard Bridge

From January 6 to January 26, there were intermittent closures of one of the two westbound lanes on Bruckner Boulevard 10:00am and 3:00pm.

Pelham Bridge

From January 1 to January 5, there were intermittent closures of one lane in either direction on weekdays between 10:00am and 2:00pm.

Hamilton Avenue Bridge

From April 26 to June 29, and from August 31 to December 31, one of four southbound lanes was closed round-the-clock.

From June 30 to August 30 the northbound roadway was closed round-the-clock, with two-way traffic maintained on the southbound roadway. Between 6:00am and 10:00am on weekdays, there were three inbound lanes and one outbound lane. During all other times, there were two lanes in each direction.

Throughout 2007, there were additional intermittent lane closures in both directions during off-peak hours.

Mill Basin Bridge

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

01/01–03/30:	10:00pm – 5:00am	Mon–Fri	1 lane closed each way as needed,
	11:00pm Fri – 7:00am Sat		1 lane closed each way as needed,
	1:00am – 5:00am	Mon–Fri	2 lanes closed each way as needed.

Ninth Street Bridge

The Ninth Street Bridge was completely closed from 11:00pm Tuesday, May 8 to 5:00am Wednesday, May 9.

Third Avenue Bridge (Brooklyn)

From January 1 to January 5, and from March 5 to December 31, capacity was limited to a single lane in each direction during all hours.

Whitestone Expressway Bridge

Throughout 2007, 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 2007:	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 2007, 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.

All 2007:	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>	

Effective November 26, 2007, on weekdays between 4:00pm and 7:00pm, there were two lanes outbound to Brooklyn in the south tube, plus one outbound contra-flow lane in the north tube.

Effective November 27, 2007, on weekdays between 4:00pm and 7:00pm, one outbound lane to Brooklyn in the south tube was for buses and trucks only.

Henry Hudson Bridge

One of four southbound (Manhattan-bound) lanes was closed as follows.

06/09–12/31: Round-the-clock All days. 1 Manhattan-bound lane closed.
2nd Manhattan-bound lane closed intermittently during off-peak hours.

Queens-Midtown Tunnel

Throughout 2007, 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.

All 2007: 10:00am – 3:00pm Mon–Fri 1 Manhattan-bound lane closed.
7:00am – 3:00pm. Mon–Fri 1 Brx/Qns-bound lane closed.

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

All 2007: 5:00am – 3:00pm Mon–Fri 1 westbound lane closed.
9:00pm – 5:00am. Mon–Fri 2 westbound lanes closed.

One of two lanes on the southbound Bruckner Expressway approach to the bridge was closed as follows.

All 2007: Round-the-clock All days

On Friday, February 9, 2007, between 12:30am and 5:00am, all approaches to the Manhattan span were closed for intermittent 20-minute periods for maintenance by the Metropolitan Transportation Authority (MTA).

Bronx-Whitestone Bridge

Southbound lane closures were in effect on the bridge as follows.

09/26–10/05: 8:00pm – 6:00am Mon–Fri. 1 S/B lane closed,
11:00pm – 5:00am Mon–Fri. 2 S/B lanes closed.

Northbound lane closures were in effect on the bridge as follows.

10/05–10/12: 8:00pm – 6:00am Mon–Fri. 1 N/B lane closed,
11:00pm – 5:00am Mon–Fri. 2 N/B lanes closed.

Lane closures were in effect on the northbound approach to the bridge as follows.

09/10–10/23:	10:00pm – 11:30pm	Weeknights.	1 N/B approach lane closed as needed,
	11:30pm – 5:30am	Weeknights.	2 N/B approach lanes closed as needed,
	12:01am – 6:00am	Sat.	2 N/B approach lanes closed as needed,
	1:00am – 7:00am	Sun.	2 N/B approach lanes closed as needed.

The northbound Cross Island Parkway entrance ramp to the bridge (Bronx-bound) was closed as follows.

09/10–09/23:	11:00pm – 6:00am	Weeknights,
	12:01am – 7:00am	Sat,
	1:00am – 8:00am	Sun.

The Tenth Avenue entrance ramp to the bridge (Bronx-bound) was closed as follows.

09/10–10/23:	11:00pm – 6:00am	Weeknights,
	12:01am – 7:00am	Sat,
	1:00am – 8:00am	Sun.

Cross Bay Bridge

The ramp to the northbound bridge from Beach 94th Street was closed as follows.

10/08–12/31: Round-the-clock. All days. Ramp closed.

The ramp from the southbound bridge to Beach Channel Drive was closed as follows.

10/08–12/31: Round-the-clock. All days. Ramp closed.

Marine Parkway Bridge

Throughout 2007, one of two southbound lanes to Queens was closed weekdays between 7:00am–3:00pm.

The bridge was fully closed in both directions (except for emergency vehicles) as follows.

09/28–11/15: 11:00pm – 5:00am Weeknights.

Throgs Neck Bridge

Throughout 2007, there were intermittent closures of single lanes on the Throgs Neck Bridge during off-peak hours.

Verrazano-Narrows Bridge

Throughout 2007, **trucks** were required to use the upper level.

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

01/01–06//01: 9:00pm – 5:00am Weeknights.

Eastbound lane closures (to Brooklyn) were in effect as follows.

06/11–06/15: Round-the-clock. All days. 1 E/B lower level lane closed.
08/23–12/31: Round-the-clock. All days. 1 E/B lower level lane closed.

Westbound lane closures (to Staten Island) were in effect as follows.

06/05–12/31: Round-the-clock. All days. 1 W/B lower level lane closed.

From July 25 to September 14, all westbound (to Staten Island) traffic on the lower level was required to exit to local streets. There was no access to the Staten Island Expressway from the westbound lower level.

Throughout 2007, there were additional intermittent closures of single lanes in both directions on the Verrazano-Narrows Bridge roadways during off-peak hours.

George Washington Bridge

From September 29 to November 23, three of the four upper level lanes eastbound to New York were closed overnight on weekends from 10:00pm Friday to 10:00am Saturday, and from 10:00pm Saturday to 10:00am Sunday.

Throughout 2007, there were additional intermittent closures of single lanes during off-peak hours.

Holland Tunnel

Throughout 2007, all eastbound (to Manhattan) commercial traffic was banned from the tunnel.

Throughout 2007, the tunnel was open westbound to New Jersey for passenger cars, buses, and 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.

All 2007: 11:30pm – 5:30am Mon–Fri. 1 w/b lane closed.
12:01am – 8:00am Sat. 1 w/b lane closed.

Throughout 2007, there were also intermittent closures of one eastbound lane during off-peak hours.

Lincoln Tunnel

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

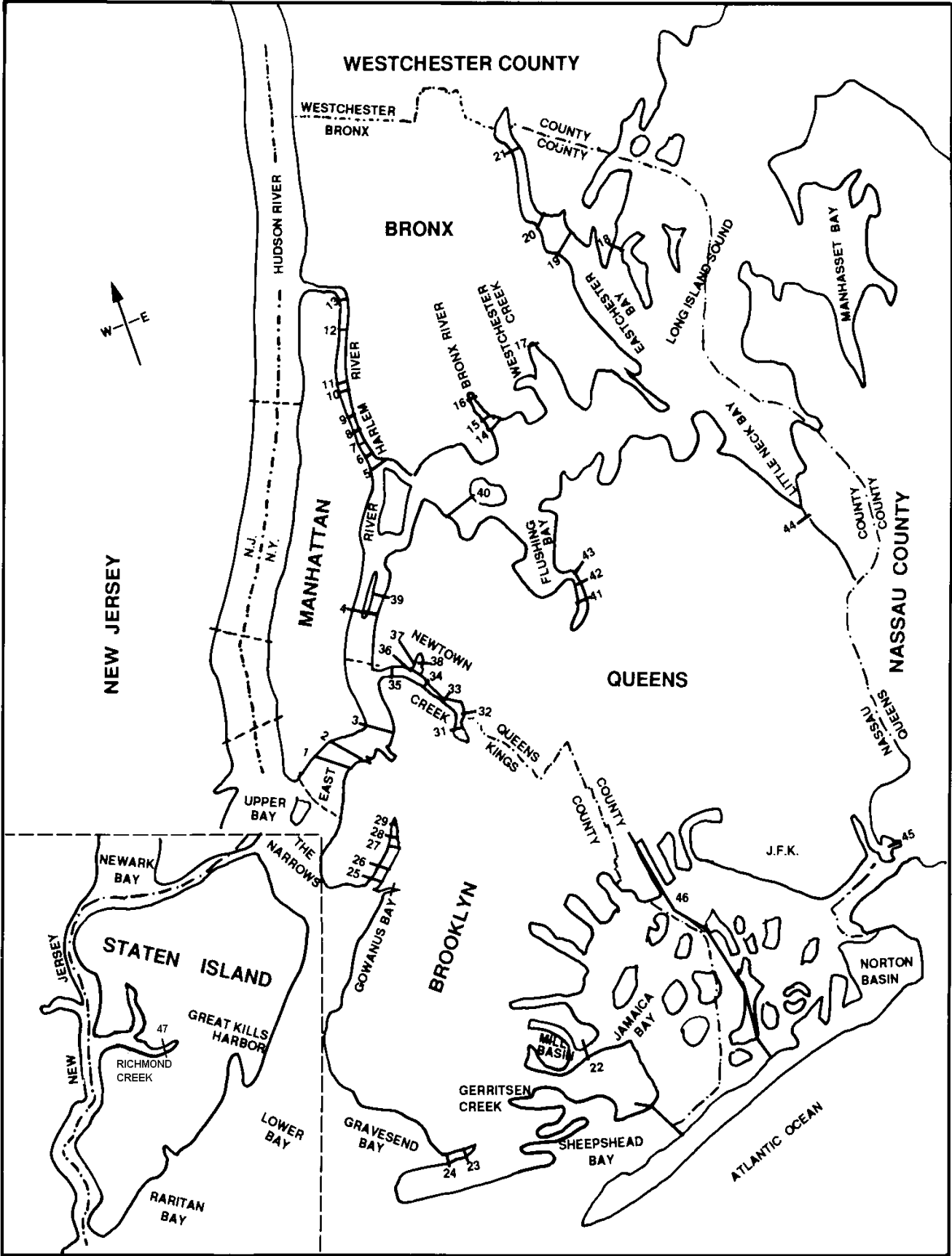
All 2007: 11:00pm – 5:00am Mon–Fri. *Two tubes open, providing two*
1:00am – 9:00am Sat. *traffic lanes in each direction.*
1:00am – 10:00am Sun.

Outerbridge Crossing

Throughout 2007, there were intermittent closures of one of the two lanes in either or both directions during off-peak hours.

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 - 2007**

<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
2006	494,576	557,043	265,298	456,001
2007	496,666	557,925	263,326	453,636

Total NYC Toll Free Bridges (continued)
Average Daily Traffic Volumes
1948 - 2007

<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
2006	328,620	552,642	65,274	2,719,454
2007	333,955	562,062	68,997	2,736,567

NYC Tolled Facilities
Average Daily Traffic Volumes
1948 - 2007

<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
2006	317,751	537,748	560,727	175,914	1,592,140
2007	312,253	513,974	548,552	170,228	1,545,007

PANYNJ one-way tolls initiated 8/12/1970

PANYNJ toll increases May 1975, January 1984, April 1987, April 1991, March 2007

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

2006-2007 Traffic Volume Trends
N.Y.C. Bridges and Tunnels
Both Directions
Page 1 of 3

EAST RIVER BRIDGES	Highway Functional Classification	2006	2007	Percent Change
Brooklyn	Principal Arterial	126,805	131,551	3.7 %
Manhattan	Principal Arterial	74,621	73,205	- 1.9 %
Queensboro	Principal Arterial	186,110	181,365	- 2.5 %
Williamsburg	Principal Arterial	107,040	110,545	3.3 %
Total East River		494,576	496,666	0.4 %

HARLEM RIVER BRIDGES

Alexander Hamilton	Interstate	190,183	192,651	1.3 %
Broadway	Principal Arterial	33,551	35,523	5.9 %
Macombs Dam	Principal Arterial	39,878	40,749	2.2 %
Madison Avenue	Principal Arterial	43,805	44,663	2.0 %
Third Avenue	Principal Arterial	61,874	59,712	- 3.5 %
University Heights	Principal Arterial	42,118	41,422	- 1.7 %
Washington	Minor Arterial	57,689	56,945	- 1.3 %
Willis Avenue	Principal Arterial	66,212	65,113	- 1.7 %
145th Street	Minor Arterial	21,733	21,147	- 2.7 %
Total Harlem River		557,043	557,925	0.2 %

BROOKLYN-QUEENS BRIDGES

Grand Street	Principal Arterial	12,893	12,585	- 2.4 %
Greenpoint Avenue	Principal Arterial	29,840	27,027	- 9.4 %
Kosciuszko	Interstate	184,341	186,493	1.2 %
Pulaski	Principal Arterial	38,224	37,221	- 2.6 %
Total Brooklyn-Queens		265,298	263,326	- 0.7 %

BRONX BRIDGES

City Island	Minor Arterial	15,339	15,188	- 1.0 %
East 174th Street	Minor Arterial	13,662	14,436	5.7 %
Eastchester	Principal Arterial	20,890	21,431	2.6 %
Eastern Boulevard	Interstate	182,579	180,128	- 1.3 %
Hutchinson River	Principal Arterial	120,599	117,660	- 2.4 %
Pelham	Minor Arterial	16,749	19,041	13.7 %
Unionport	Principal Arterial	61,262	59,906	- 2.2 %
Westchester Avenue	Principal Arterial	24,921	25,846	3.7 %
Total Bronx		456,001	453,636	- 0.5 %

2006-2007 Traffic Volume Trends
N.Y.C. Bridges and Tunnels
Both Directions
Page 2 of 3

BROOKLYN BRIDGES	Highway Functional Classification	2006	2007	Percent Change
Carroll Street	Local	1,068	1,116	4.5 %
Cropsey Avenue	Principal Arterial	35,398	36,395	2.8 %
Hamilton Avenue	Principal Arterial	55,526	54,632	- 1.6 %
Metropolitan Avenue	Principal Arterial	38,130	37,332	- 2.1 %
Mill Basin	Principal Arterial	143,917	148,802	3.4 %
Ninth Street	Minor Arterial	11,143	11,903	6.8 %
Stillwell Avenue	Principal Arterial	11,158	10,085	- 9.6 %
Third Avenue	Principal Arterial	18,403	19,410	5.5 %
Third Street	Minor Arterial	9,487	9,937	4.7 %
Union Street	Minor Arterial	4,390	4,343	- 1.1 %
Total Brooklyn		328,620	333,955	1.6 %

QUEENS BRIDGES

Borden Avenue	Minor Arterial	16,157	15,747	- 2.5 %
Flushing	Principal Arterial	61,143	57,437	- 6.1 %
Hook Creek	Principal Arterial	73,767	77,759	5.4 %
Hunters Point	Collector	7,262	7,705	6.1 %
Little Neck	Principal Arterial	48,345	48,208	- 0.3 %
Midtown Highway	Interstate	83,379	85,997	3.1 %
North Channel	Principal Arterial	23,254	24,433	5.1 %
Rikers Island	Collector	13,146	13,496	2.7 %
Roosevelt Avenue	Principal Arterial	19,420	18,975	- 2.3 %
Roosevelt Island	Collector	9,685	9,895	2.2 %
Whitestone Expwy	Interstate	197,084	202,410	2.7 %

Total Queens		552,642	562,062	1.7 %
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STATEN ISLAND

Fresh Kills	Principal Arterial	65,274	68,997	5.7 %
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TOLL-FREE GRAND TOTALS		2,719,454	2,736,567	0.6 %
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2006-2007 Traffic Volume Trends
N.Y.C. Bridges and Tunnels
Both Directions
Page 3 of 3

MTABT Manhattan Facilities	Highway Functional Classification	2006	2007	Percent Change
Brooklyn-Battery Tunnel	Interstate	57,436	56,539	- 1.6 %
Henry Hudson Bridge	Principal Arterial	71,761	70,094	- 2.3 %
Queens-Midtown Tunnel	Interstate	89,972	88,379	- 1.8 %
Triborough Bridge Manhattan Plaza	Principal Arterial	98,582	97,241	- 1.4 %
Total MTABT Manhattan		317,751	312,253	- 1.7 %

PANYNJ Manhattan Facilities

George Washington Bridge	Interstate	312,078	291,391	- 6.6 %
Holland Tunnel	Interstate	98,425	100,491	2.1 %
Lincoln Tunnel	Principal Arterial	127,245	122,092	- 4.0 %
Total Manhattan - New Jersey		537,748	513,974	- 4.4 %

MTABT Outer Borough Bridges

Bronx-Whitestone	Interstate	110,708	111,739	0.9 %
Cross Bay	Minor Arterial	22,036	22,337	1.4 %
Marine Parkway	Minor Arterial	22,363	21,356	- 4.5 %
Throgs Neck	Interstate	116,427	112,985	- 3.0 %
Triborough Bridge Bronx Plaza	Interstate	81,840	79,019	- 3.4 %
Verrazano-Narrows	Interstate	207,353	201,116	- 3.0 %
Total MTABT Outer Boroughs		560,727	548,552	- 2.2 %

PANYNJ Staten Island Bridges

Bayonne	Principal Arterial	24,230	21,451	- 11.5 %
Goethals	Interstate	65,378	72,999	11.7 %
Outerbridge Crossing	Principal Arterial	86,306	75,778	- 12.2 %
Total Staten Island - New Jersey		175,914	170,228	- 3.2 %

10-Year Traffic Growth Rate Trends

N.Y.C. Bridges 1957-2007

Page 1 of 3

East River Bridges	1957-1967	1967-1977	1977-1987	1987-1997	1997-2007
Brooklyn	9.0%	2.1%	2.4%	1.0%	- 0.8%
Manhattan	- 2.1%	- 1.1%	2.1%	1.1%	- 1.1%
Queensboro	2.7%	1.7%	1.1%	1.4%	- 0.3%
Williamsburg	- 1.3%	1.9%	3.4%	- 2.0%	0.7%
Total	1.9%	1.3%	2.1%	0.5%	- 0.4%

Harlem River Bridges

Alexander Hamilton	<i>Opened Jan. 1963</i>	2.1%	1.9%	- 0.3%	0.8%
Broadway	- 0.2%	1.8%	2.1%	1.0%	- 0.3%
Macombs Dam	- 4.4%	- 0.3%	4.3%	- 0.9%	0.3%
Madison Avenue	- 2.3%	1.1%	1.9%	- 3.6%	3.4%
Third Avenue	0.9%	1.6%	2.0%	1.2%	- 2.9%
University Heights	- 3.9%	1.6%	1.5%	- 0.2%	0.5%
Washington	- 4.1%	3.2%	3.7%	1.4%	- 0.1%
Willis Avenue	1.9%	- 2.3%	3.6%	1.0%	- 1.4%
145th Street	- 2.3%	- 1.4%	2.6%	0.2%	- 1.7%
Total	2.9%	1.0%	2.5%	0.1%	- 0.1%

Brooklyn-Queens Bridges

Grand Street	3.2%	- 8.9%	5.6%	- 0.3%	- 1.3%
Greenpoint Avenue	- 1.5%	- 2.0%	- 1.9%	5.4%	1.4%
Kosciuszko	7.5%	2.2%	2.6%	0.2%	- 0.3%
Pulaski	2.7%	- 1.9%	3.0%	- 1.2%	2.0%
Total	5.0%	0.4%	2.2%	0.5%	0.1%

Bronx Bridges

City Island	7.4%	2.7%	2.6%	0.5%	- 0.7%
East 174th Street	3.5%	- 3.5%	5.0%	1.1%	2.9%
Eastchester	0.8%	4.0%	2.3%	- 1.0%	0.2%
Eastern Blvd	4.7%	4.1%	2.5%	- 1.3%	2.6%
Hutchinson River Pkwy	5.2%	0.9%	3.5%	0.3%	3.1%
Pelham	7.9%	0.1%	0.6%	5.4%	- 3.2%
Unionport	12.9%	-29.5%	3.7%	0.8%	2.9%
Westchester Avenue	11.4%	- 2.2%	1.7%	- 1.2%	- 0.8%
Total	8.0%	- 3.7%	2.6%	- 0.1%	2.0%

10-Year Traffic Growth Rate Trends

N.Y.C. Bridges 1957-2007

Page 2 of 3

Brooklyn Bridges	1957-1967	1967-1977	1977-1987	1987-1997	1997-2007
Carroll Street	5.4%	- 8.2%	<i>Closed 1980 & 1986-1988</i>		- 1.7%
Cropsey Avenue	3.4%	0.5%	5.3%	- 1.2%	2.4%
Hamilton Avenue	3.1%	- 1.2%	3.9%	3.6%	- 1.6%
Metropolitan Avenue	3.7%	- 1.8%	5.3%	0.6%	- 0.5%
Mill Basin	4.9%	1.0%	0.9%	0.9%	0.2%
Ninth Street	2.0%	- 0.6%	0.3%	<i>Closed 1995-1998</i>	
Stillwell Avenue	4.2%	2.6%	<i>Closed 1983-1989</i>		1.5%
Third Avenue	0.4%	- 0.3%	2.8%	0.2%	- 1.2%
Third Street	0.1%	- 1.3%	- 2.3%	5.1%	- 1.1%
Union Street	0.0%	- 3.0%	8.3%	- 3.8%	- 1.1%
Total	3.4%	- 0.1%	2.0%	1.1%	0.3%

Queens Bridges

Borden Avenue	2.2%	7.6%	0.0%	- 0.5%	1.1%
Flushing	- 1.3%	2.9%	4.3%	- 0.6%	- 0.3%
Hook Creek	4.8%	1.7%	2.0%	1.1%	1.4%
Hunters Point Avenue	- 1.0%	<i>Closed 1975-1983</i>		0.4%	- 0.5%
Little Neck Pkwy	1.2%	0.7%	0.6%	3.0%	- 0.4%
Midtown Highway	3.6%	- 1.3%	0.2%	- 0.2%	2.2%
North Channel	7.3%	- 1.3%	0.2%	0.5%	2.7%
Rikers Island	<i>Opened 11/22/1966</i>	7.6%	9.1%	0.4%	- 0.0%
Roosevelt Avenue	- 0.9%	- 1.6%	1.7%	1.1%	- 2.7%
Roosevelt Island	7.9%	4.2%	2.4%	- 0.0%	0.2%
Whitestone Expwy	6.5%	0.0%	2.1%	1.0%	1.0%
Total	3.1%	0.4%	1.9%	0.7%	0.8%

Staten Island Bridges

Fresh Kills	8.4%	7.3%	4.3%	0.5%	1.9%
TOLL FREE GRAND TOTAL	3.8%	0.0%	2.3%	0.4%	0.5%

10-Year Traffic Growth Rate Trends

N.Y.C. Tolled Facilities

1957-2007

Page 3 of 3

Manhattan MTABT Facilities	1957-1967	1967-1977	1977-1987	1987-1997	1997-2007
Brooklyn-Battery Tunnel	1.0%	- 2.4%	0.9%	- 1.1%	- 0.4%
Henry Hudson Bridge	- 3.4%	- 4.1%	4.9%	1.4%	2.0%
Queens-Midtown Tunnel	2.3%	- 0.2%	0.6%	- 0.2%	1.5%
Triborough (Manhattan Plz)	1.4%	- 0.7%	2.2%	- 0.8%	0.1%
Total	0.5%	- 1.5%	1.8%	- 0.3%	0.8%

Manhattan PANYNJ Facilities

George Washington Bridge	7.0%	2.3%	2.7%	- 0.5%	0.2%
Holland Tunnel	- 0.3%	2.0%	2.1%	2.5%	0.2%
Lincoln Tunnel	2.2%	2.1%	2.4%	- 0.2%	0.1%
Total	3.8%	2.2%	2.5%	0.1%	0.2%

Outer Borough MTABT Bridges

Bronx-Whitestone	- 2.6%	0.6%	2.5%	- 0.0%	0.6%
Cross Bay	1.6%	- 2.3%	0.8%	0.1%	3.8%
Marine Parkway	2.4%	- 2.0%	2.3%	- 0.1%	0.9%
Throgs Neck	<i>Opened 1961</i>	1.0%	0.4%	0.5%	2.0%
Triborough (Bronx Plz)	1.4%	- 0.9%	2.9%	- 1.2%	0.1%
Verrazano-Narrows	<i>Opened 11/21/1964</i>	4.4%	3.9%	0.8%	0.6%
Total	8.3%	1.1%	2.5%	0.2%	0.9%

Staten Island PANYNJ Bridges

Bayonne	4.1%	1.6%	3.0%	0.7%	3.4%
Goethals	21.1%	3.0%	4.3%	- 0.3%	0.3%
Outerbridge Crossing	6.2%	12.0%	7.6%	1.4%	1.2%
Total	11.9%	4.2%	5.4%	0.6%	1.1%

***East
River
Bridges***

East River Bridges
Average Daily Traffic Volumes
1948 - 2007

<i>Year</i>	<i>Brooklyn Bridge</i>	<i>Manhattan Bridge</i>	<i>Queensboro Bridge</i>	<i>Williamsburg Bridge</i>	<i>Totals</i>
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
2006	126,805	74,621	186,110	107,040	494,576
2007	131,551	73,205	181,365	110,545	496,666

Hourly Vehicular Volumes Brooklyn Bridge - 2007

FHWA Classes ▶	Eastbound to Brooklyn						Westbound to Manhattan						2-Way Grand Totals		
	Commuter Vans		Commercial Vans		Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans		Commercial Vans		Single Unit Trucks		Tractor Trailers	Total Vehicles
	Autos & Motorcycles	Pickups Large SUVs	Buses					Autos & Motorcycles	Pickups Large SUVs	Buses					
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13				
12-1am	2,380	1	1	0	0	2,382	1,506	15	0	4	0	1,525	3,907		
1-2am	1,365	5	1	0	0	1,371	806	5	0	0	0	811	2,182		
2-3am	909	4	0	0	0	913	575	6	0	2	0	583	1,496		
3-4am	674	6	1	0	0	681	642	9	0	2	0	653	1,334		
4-5am	765	9	2	0	0	776	1,185	8	2	5	0	1,200	1,976		
5-6am	1,143	14	1	0	0	1,158	2,770	49	36	8	0	2,863	4,021		
6-7am	2,279	34	10	1	0	2,324	4,113	50	97	2	0	4,262	6,586		
7-8am	2,695	35	21	2	0	2,753	3,727	25	40	3	0	3,795	6,548		
8-9am	2,744	44	23	1	0	2,812	2,984	24	8	3	0	3,019	5,831		
9-10am	2,496	46	28	1	0	2,571	2,960	24	10	6	0	3,000	5,571		
10-11am	2,213	27	16	0	0	2,256	3,201	26	13	7	0	3,247	5,503		
11-12am	2,363	45	24	0	0	2,432	2,872	37	15	8	0	2,932	5,364		
12-1pm	2,449	44	23	0	0	2,516	2,856	25	26	2	0	2,909	5,425		
1-2pm	2,693	40	30	1	0	2,764	2,794	37	51	10	0	2,892	5,656		
2-3pm	3,004	41	44	2	0	3,091	3,199	33	32	3	0	3,267	6,358		
3-4pm	3,651	39	42	0	0	3,732	3,084	35	36	1	0	3,156	6,888		
4-5pm	3,773	39	27	1	0	3,840	3,512	37	19	2	0	3,570	7,410		
5-6pm	3,897	43	23	0	0	3,963	3,832	26	18	2	0	3,878	7,841		
6-7pm	3,743	57	17	1	0	3,818	3,545	28	14	2	0	3,589	7,407		
7-8pm	3,608	39	6	0	0	3,653	3,367	16	6	1	0	3,390	7,043		
8-9pm	3,666	17	3	0	0	3,686	3,391	23	2	2	0	3,418	7,104		
9-10pm	3,705	16	1	0	0	3,722	3,461	28	3	1	0	3,493	7,215		
10-11pm	3,461	7	1	0	0	3,469	3,424	25	0	4	0	3,453	6,922		
11-12pm	3,265	6	2	0	0	3,273	2,663	22	1	4	0	2,690	5,963		
Totals	62,941	658	347	10	0	63,956	66,469	613	429	84	0	67,595	131,551		
7-10am	7,935	125	72	4	0	8,136	9,671	73	58	12	0	9,814	17,950		
10am-1pm	7,025	116	63	0	0	7,204	8,929	88	54	17	0	9,088	16,292		
1-4pm	9,348	120	116	3	0	9,587	9,077	105	119	14	0	9,315	18,902		
4-7pm	11,413	139	67	2	0	11,621	10,889	91	51	6	0	11,037	22,658		
7am-7pm	35,721	500	318	9	0	36,548	38,566	357	282	49	0	39,254	75,802		

Based on March 2006 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Manhattan Bridge - 2007

FHWA Classes ▶	<i>Eastbound to Brooklyn</i>						<i>Westbound to Manhattan</i>						2-Way Grand Totals		
	Commuter Vans		Commercial Vans		Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans		Commercial Vans		Single Unit Trucks		Tractor Trailers	Total Vehicles
	Autos & Motorcycles	Large SUVs	Pickups	Buses				1 & 2	3	4	5 - 7				
12-1am	1,619	28	10	15	2	1,674	876	11	1	4	0	892	2,566		
1-2am	1,121	19	3	6	1	1,150	608	11	1	2	0	622	1,772		
2-3am	766	16	3	5	2	792	486	6	1	6	0	499	1,291		
3-4am	609	16	4	6	3	638	505	9	3	6	1	524	1,162		
4-5am	653	7	3	6	0	669	676	7	5	12	0	700	1,369		
5-6am	765	6	7	15	1	794	1,229	24	50	14	1	1,318	2,112		
6-7am	1,095	29	32	72	9	1,237	1,834	47	88	126	10	2,105	3,342		
7-8am	1,288	41	48	128	8	1,513	2,287	53	96	333	8	2,777	4,290		
8-9am	1,412	32	54	161	13	1,673	2,360	43	67	267	14	2,751	4,424		
9-10am	1,207	31	55	173	11	1,477	1,982	48	49	271	23	2,373	3,850		
10-11am	1,087	22	49	176	12	1,346	1,397	38	46	286	10	1,777	3,123		
11-12am	1,068	30	47	172	12	1,330	1,385	31	39	280	9	1,744	3,074		
12-1pm	1,136	38	50	224	12	1,460	1,279	41	55	316	11	1,702	3,162		
1-2pm	1,092	42	53	228	10	1,425	1,291	33	53	305	10	1,692	3,117		
2-3pm	1,251	32	51	200	14	1,549	1,440	41	44	227	11	1,763	3,312		
3-4pm	1,796	42	87	175	9	2,109	1,241	28	32	136	11	1,448	3,557		
4-5pm	2,203	47	72	105	11	2,439	1,205	28	33	147	7	1,420	3,859		
5-6pm	2,247	48	82	79	14	2,470	1,310	27	45	131	3	1,516	3,986		
6-7pm	2,117	36	64	59	8	2,283	1,251	13	59	106	3	1,432	3,715		
7-8pm	1,891	24	66	45	9	2,035	1,212	19	40	76	0	1,347	3,382		
8-9pm	1,838	28	46	42	5	1,959	1,211	13	21	67	2	1,314	3,273		
9-10pm	1,798	30	32	32	5	1,896	1,269	11	15	43	1	1,339	3,235		
10-11pm	1,791	25	23	26	3	1,868	1,283	12	8	33	0	1,336	3,204		
11-12pm	1,721	18	15	19	2	1,776	1,228	4	4	15	1	1,252	3,028		
Totals	33,573	688	957	2,168	175	37,562	30,845	598	855	3,209	136	35,643	73,205		
7-10am	3,908	105	157	462	31	4,663	6,629	144	212	871	45	7,901	12,564		
10am-1pm	3,292	90	147	572	36	4,136	4,061	110	140	882	30	5,223	9,359		
1-4pm	4,139	116	191	603	33	5,083	3,972	102	129	668	32	4,903	9,986		
4-7pm	6,567	131	218	243	33	7,192	3,766	68	137	384	13	4,368	11,560		
7am-7pm	17,906	442	712	1,880	133	21,074	18,428	424	618	2,805	120	22,395	43,469		

Based on May 2006 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Queensboro Bridge - 2007

FHWA Classes ▶	<i>Eastbound to Queens</i>						<i>Westbound to Manhattan</i>						2-Way Grand Totals		
	Commuter Vans		Commercial Vans		Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans		Commercial Vans		Single Unit Trucks		Tractor Trailers	Total Vehicles
	Autos & Motorcycles	Pickups Large SUVs	Buses					Autos & Motorcycles	Pickups Large SUVs	Buses					
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13				
12-1am	4,192	50	16	49	0	4,307	1,712	16	12	10	1	1,751	6,058		
1-2am	3,204	23	10	29	1	3,267	1,127	13	6	13	1	1,160	4,427		
2-3am	2,142	9	4	32	1	2,188	1,025	11	5	40	0	1,081	3,269		
3-4am	1,600	6	2	46	0	1,654	1,247	8	14	73	1	1,343	2,997		
4-5am	2,008	15	14	65	0	2,102	2,010	26	20	137	1	2,194	4,296		
5-6am	2,412	40	17	102	1	2,572	4,103	54	29	236	25	4,447	7,019		
6-7am	2,962	32	25	177	1	3,197	6,142	80	38	250	16	6,526	9,723		
7-8am	2,733	49	26	199	4	3,011	6,022	71	52	288	33	6,466	9,477		
8-9am	2,330	45	34	190	6	2,605	5,364	75	60	276	27	5,802	8,407		
9-10am	2,121	36	33	192	5	2,387	4,408	75	47	223	37	4,790	7,177		
10-11am	2,789	58	52	261	10	3,170	3,536	66	34	220	33	3,889	7,059		
11-12am	3,048	54	39	253	5	3,399	3,582	62	29	209	41	3,923	7,322		
12-1pm	3,322	65	39	275	6	3,707	3,389	41	39	198	38	3,705	7,412		
1-2pm	3,626	83	47	296	5	4,057	3,714	53	36	143	41	3,987	8,044		
2-3pm	4,264	84	56	269	7	4,680	4,198	71	45	142	38	4,494	9,174		
3-4pm	5,115	85	58	285	8	5,551	4,324	54	44	149	23	4,594	10,145		
4-5pm	6,001	98	48	285	8	6,440	4,266	52	35	122	15	4,490	10,930		
5-6pm	5,354	77	45	247	11	5,734	4,463	39	37	76	23	4,638	10,372		
6-7pm	4,449	59	45	174	6	4,733	4,239	34	27	49	14	4,363	9,096		
7-8pm	4,405	76	56	154	9	4,700	3,650	26	29	37	12	3,754	8,454		
8-9pm	4,411	84	66	137	4	4,702	3,247	30	22	31	8	3,338	8,040		
9-10pm	4,255	66	52	120	3	4,496	2,943	25	16	34	4	3,022	7,518		
10-11pm	4,121	62	48	126	1	4,358	3,095	23	20	29	0	3,167	7,525		
11-12pm	4,677	58	29	67	2	4,833	2,538	14	16	22	1	2,591	7,424		
Totals	85,541	1,314	861	4,030	104	91,850	84,344	1,019	712	3,007	433	89,515	181,365		
7-10am	7,184	130	93	581	15	8,003	15,794	221	159	787	97	17,058	25,061		
10am-1pm	9,159	177	130	789	21	10,276	10,507	169	102	627	112	11,517	21,793		
1-4pm	13,005	252	161	850	20	14,288	12,236	178	125	434	102	13,075	27,363		
4-7pm	15,804	234	138	706	25	16,907	12,968	125	99	247	52	13,491	30,398		
7am-7pm	45,152	793	522	2,926	81	49,474	51,505	693	485	2,095	363	55,141	104,615		

Based on April 2006 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Williamsburg Bridge - 2007

FHWA Classes ▶	<i>Eastbound to Brooklyn</i>						<i>Westbound to Manhattan</i>						2-Way Grand Totals		
	Commuter Vans		Commercial Vans		Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans		Commercial Vans		Single Unit Trucks		Tractor Trailers	Total Vehicles
	Autos & Motorcycles	Pickups Large SUVs	Buses					Autos & Motorcycles	Pickups Large SUVs	Buses					
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13				
12-1am	2,070	6	1	2	0	2,079	1,334	4	1	0	0	1,339	3,418		
1-2am	1,320	3	1	0	1	1,325	871	3	1	1	0	876	2,201		
2-3am	881	4	2	2	0	889	708	5	1	2	0	716	1,605		
3-4am	674	6	3	3	2	688	740	3	0	1	1	745	1,433		
4-5am	736	6	2	3	0	747	1,200	6	1	1	1	1,209	1,956		
5-6am	1,066	6	8	6	0	1,086	2,522	7	8	2	2	2,541	3,627		
6-7am	1,812	14	31	25	3	1,885	3,797	19	20	10	1	3,847	5,732		
7-8am	1,912	22	48	36	1	2,019	3,497	33	21	15	0	3,566	5,585		
8-9am	1,984	22	45	32	3	2,086	3,170	36	23	17	1	3,247	5,333		
9-10am	1,762	27	44	31	2	1,866	3,097	31	21	15	3	3,167	5,033		
10-11am	1,903	39	65	42	1	2,050	2,828	36	20	9	4	2,897	4,947		
11-12am	1,961	33	58	44	2	2,098	2,513	29	17	8	1	2,568	4,666		
12-1pm	2,017	56	25	56	2	2,156	2,457	36	17	18	1	2,529	4,685		
1-2pm	2,193	67	30	51	4	2,345	2,522	34	20	17	1	2,594	4,939		
2-3pm	2,394	55	37	44	3	2,533	2,796	34	17	18	2	2,867	5,400		
3-4pm	2,988	68	39	55	3	3,153	2,758	30	21	23	3	2,835	5,988		
4-5pm	3,120	62	38	48	6	3,274	2,744	39	20	20	1	2,824	6,098		
5-6pm	3,159	60	35	34	1	3,289	3,068	45	27	20	2	3,162	6,451		
6-7pm	2,938	39	25	23	2	3,027	2,873	35	17	17	2	2,944	5,971		
7-8pm	2,887	31	25	20	1	2,964	2,641	27	16	13	0	2,697	5,661		
8-9pm	2,781	25	19	14	2	2,841	2,435	14	5	4	1	2,459	5,300		
9-10pm	2,640	14	12	5	2	2,673	2,251	13	4	3	1	2,272	4,945		
10-11pm	2,488	10	4	3	2	2,507	2,418	14	2	3	1	2,438	4,945		
11-12pm	2,521	7	2	3	0	2,533	2,081	8	2	2	0	2,093	4,626		
Totals	50,207	682	599	582	43	52,113	57,321	541	302	239	29	58,432	110,545		
7-10am	5,658	71	137	99	6	5,971	9,764	100	65	47	4	9,980	15,951		
10am-1pm	5,881	128	148	142	5	6,304	7,798	101	54	35	6	7,994	14,298		
1-4pm	7,575	190	106	150	10	8,031	8,076	98	58	58	6	8,296	16,327		
4-7pm	9,217	161	98	105	9	9,590	8,685	119	64	57	5	8,930	18,520		
7am-7pm	28,331	550	489	496	30	29,896	34,323	418	241	197	21	35,200	65,096		

Based on March 2006 Classification Survey Data

** Peak Volumes

***Harlem
River
Bridges***

Harlem River Bridges
Average Daily Traffic Volumes
1948 - 2007

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</i>	16,374	31,072	33,576	51,478
1952	<i>Opened</i>	17,412	36,100	27,468	34,023
1953	<i>Jan. 1963</i>	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
2006	190,183	33,551	39,878	43,805	61,874
2007	192,651	35,523	40,749	44,663	59,712

Harlem River Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2007

<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
2006	42,118	57,689	66,212	21,733	557,043
2007	41,422	56,945	65,113	21,147	557,925

Hourly Vehicular Volumes Alexander Hamilton Bridge - 2007

	<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	---	---	---	---	---	2,622	---	---	---	---	---	2,263	4,885
1-2am	---	---	---	---	---	2,171	---	---	---	---	---	1,679	3,850
2-3am	---	---	---	---	---	1,949	---	---	---	---	---	1,551	3,500
3-4am	---	---	---	---	---	2,229	---	---	---	---	---	1,676	3,905
4-5am	---	---	---	---	---	2,787	---	---	---	---	---	2,340	5,127
5-6am	---	---	---	---	---	3,979	---	---	---	---	---	4,146	8,125
6-7am	---	---	---	---	---	4,871 **	---	---	---	---	---	5,511 **	10,382 **
7-8am	3,403	11	197	650	98	4,359	4,561	10	97	485	240	5,393	9,752
8-9am	3,285	4	214	825	191	4,519	4,530	37	37	526	167	5,297	9,816
9-10am	3,246	5	208	1,063	117	4,639	3,913	56	33	859	228	5,089	9,728
10-11am	3,988	3	95	312	45	4,443	4,341	30	19	468	158	5,016	9,459
11-12am	3,375	10	242	750	124	4,501	3,702	16	23	1,154	328	5,223	9,724
12-1pm	3,818	0	108	430	47	4,403	4,026	11	10	562	143	4,752	9,155
1-2pm	3,436	8	164	820	82	4,510	3,302	12	24	859	224	4,421	8,931
2-3pm	3,676	6	196	763	108	4,749	3,395	19	42	911	183	4,550	9,299
3-4pm	4,081	7	82	318	89	4,577	4,159	23	17	489	89	4,777	9,354
4-5pm	3,762	5	141	470	108	4,486	3,605	4	41	909	220	4,779	9,265
5-6pm	3,601	4	101	339	84	4,129	3,732	2	30	832	163	4,759	8,888
6-7pm	3,755	9	197	431	76	4,468	4,227	3	24	513	147	4,914	9,382
7-8pm	---	---	---	---	---	4,414	---	---	---	---	---	4,900	9,314
8-9pm	---	---	---	---	---	4,273	---	---	---	---	---	4,405	8,678
9-10pm	---	---	---	---	---	3,916	---	---	---	---	---	4,223	8,139
10-11pm	---	---	---	---	---	3,853	---	---	---	---	---	3,806	7,659
11-12pm	---	---	---	---	---	3,278	---	---	---	---	---	3,056	6,334
Totals	---	---	---	---	---	94,125	---	---	---	---	---	98,526	192,651
7-10am	9,934	20	619	2,538	406	13,517	13,004	103	167	1,870	635	15,779	29,296
10am-1pm	11,181	13	445	1,492	216	13,347	12,069	57	52	2,184	629	14,991	28,338
1-4pm	11,193	21	442	1,901	279	13,836	10,856	54	83	2,259	496	13,748	27,584
4-7pm	11,118	18	439	1,240	268	13,083	11,564	9	95	2,254	530	14,452	27,535
7am-7pm	43,426	72	1,945	7,171	1,169	53,783	47,493	223	397	8,567	2,290	58,970	112,753

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Broadway Bridge - 2007

	<i>Northbound to Bronx</i>						<i>Southbound to Manhattan</i>						2-Way Totals
	Autos	Commuter		Commercial		Totals	Autos	Commuter		Commercial		Totals	
		Buses	Vans	Trucks	Vans			Buses	Vans	Trucks	Vans		
12-1am	---	---	---	---	---	302	---	---	---	---	---	245	547
1-2am	---	---	---	---	---	187	---	---	---	---	---	183	370
2-3am	---	---	---	---	---	107	---	---	---	---	---	111	218
3-4am	---	---	---	---	---	82	---	---	---	---	---	98	180
4-5am	---	---	---	---	---	122	---	---	---	---	---	128	250
5-6am	---	---	---	---	---	268	---	---	---	---	---	369	637
6-7am	---	---	---	---	---	558	---	---	---	---	---	833	1,391
7-8am	681	38	20	68	28	835	1,254	57	39	29	41	1,420	** 2,255
8-9am	800	58	20	35	27	940	1,257	43	29	44	43	1,416	2,356
9-10am	614	21	3	25	55	718	831	32	24	49	38	974	1,692
10-11am	679	17	2	34	24	756	757	20	11	35	9	832	1,588
11-12am	683	21	9	28	42	783	697	23	23	49	50	842	1,625
12-1pm	737	21	6	21	23	808	842	21	4	17	11	895	1,703
1-2pm	853	26	3	29	30	941	905	25	9	21	17	977	1,918
2-3pm	907	26	1	38	77	1,049	967	30	23	34	18	1,072	2,121
3-4pm	1,069	26	9	14	36	1,154	1,109	31	13	18	10	1,181	2,335
4-5pm	1,173	41	29	25	57	1,325	1,118	30	20	35	34	1,237	2,562
5-6pm	1,297	30	9	13	68	1,417	** 1,133	29	30	18	23	1,233	2,650 **
6-7pm	1,154	22	0	13	113	1,302	1,109	30	26	19	8	1,192	2,494
7-8pm	---	---	---	---	---	1,031	---	---	---	---	---	955	1,986
8-9pm	---	---	---	---	---	793	---	---	---	---	---	734	1,527
9-10pm	---	---	---	---	---	655	---	---	---	---	---	634	1,289
10-11pm	---	---	---	---	---	507	---	---	---	---	---	471	978
11-12pm	---	---	---	---	---	451	---	---	---	---	---	400	851
Totals	---	---	---	---	---	17,091	---	---	---	---	---	18,432	35,523
7-10am	2,095	117	43	128	110	2,493	3,342	132	92	122	122	3,810	6,303
10am-1pm	2,099	59	17	83	89	2,347	2,296	64	38	101	70	2,569	4,916
1-4pm	2,829	78	13	81	143	3,144	2,981	86	45	73	45	3,230	6,374
4-7pm	3,624	93	38	51	238	4,044	3,360	89	76	72	65	3,662	7,706
7am-7pm	10,647	347	111	343	580	12,028	11,979	371	251	368	302	13,271	25,299

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Macombs Dam Bridge - 2007

	<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	---	---	---	---	---	559	---	---	---	---	---	456	1,015
1-2am	---	---	---	---	---	362	---	---	---	---	---	284	646
2-3am	---	---	---	---	---	267	---	---	---	---	---	204	471
3-4am	---	---	---	---	---	215	---	---	---	---	---	170	385
4-5am	---	---	---	---	---	247	---	---	---	---	---	242	489
5-6am	---	---	---	---	---	404	---	---	---	---	---	425	829
6-7am	---	---	---	---	---	653	---	---	---	---	---	953	1,606
7-8am	899	36	23	55	82	1,095	1,121	36	5	79	212	1,453	2,548
8-9am	917	13	16	56	94	1,096	1,221	10	2	96	173	1,502	2,598 **
9-10am	787	17	13	49	53	919	913	19	13	105	172	1,222	2,141
10-11am	731	7	3	31	39	811	836	8	6	36	50	936	1,747
11-12am	682	9	11	57	67	826	777	6	12	68	77	940	1,766
12-1pm	825	10	6	27	37	905	924	17	3	19	40	1,003	1,908
1-2pm	878	2	6	27	25	938	889	18	7	19	71	1,004	1,942
2-3pm	843	13	21	66	72	1,015	946	21	14	47	82	1,110	2,125
3-4pm	952	20	9	51	61	1,093	1,098	34	9	21	41	1,203	2,296
4-5pm	901	8	29	77	146	1,161 **	1,043	9	29	38	70	1,189	2,350
5-6pm	963	8	13	34	128	1,146	1,093	12	9	18	60	1,192	2,338
6-7pm	1,071	3	6	25	43	1,148	1,048	7	12	23	80	1,170	2,318
7-8pm	---	---	---	---	---	1,109	---	---	---	---	---	1,090	2,199
8-9pm	---	---	---	---	---	1,054	---	---	---	---	---	965	2,019
9-10pm	---	---	---	---	---	952	---	---	---	---	---	856	1,808
10-11pm	---	---	---	---	---	905	---	---	---	---	---	794	1,699
11-12pm	---	---	---	---	---	828	---	---	---	---	---	678	1,506
Totals	---	---	---	---	---	19,708	---	---	---	---	---	21,041	40,749
7-10am	2,603	66	52	160	229	3,110	3,255	65	20	280	557	4,177	7,287
10am-1pm	2,238	26	20	115	143	2,542	2,537	31	21	123	167	2,879	5,421
1-4pm	2,673	35	36	144	158	3,046	2,933	73	30	87	194	3,317	6,363
4-7pm	2,935	19	48	136	317	3,455	3,184	28	50	79	210	3,551	7,006
7am-7pm	10,449	146	156	555	847	12,153	11,909	197	121	569	1,128	13,924	26,077

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Madison Avenue Bridge - 2007

	<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	---	---	---	---	---	711	---	---	---	---	---	432	1,143
1-2am	---	---	---	---	---	435	---	---	---	---	---	276	711
2-3am	---	---	---	---	---	299	---	---	---	---	---	212	511
3-4am	---	---	---	---	---	233	---	---	---	---	---	198	431
4-5am	---	---	---	---	---	245	---	---	---	---	---	288	533
5-6am	---	---	---	---	---	412	---	---	---	---	---	626	1,038
6-7am	---	---	---	---	---	771	---	---	---	---	---	1,299	2,070
7-8am	895	44	98	58	53	1,148	1,453	116	16	59	130	1,774	2,922
8-9am	803	55	72	42	53	1,025	1,350	112	32	71	139	1,704	2,729
9-10am	649	58	84	70	43	904	943	67	38	164	125	1,337	2,241
10-11am	726	33	44	32	40	875	793	66	22	22	72	975	1,850
11-12am	603	24	79	98	89	893	695	27	36	68	87	913	1,806
12-1pm	790	26	31	38	40	925	757	33	25	31	55	901	1,826
1-2pm	866	30	32	44	48	1,020	807	55	28	15	43	948	1,968
2-3pm	882	33	77	107	108	1,207	900	76	31	34	87	1,128	2,335
3-4pm	1,197	24	38	67	62	1,388	974	68	20	26	44	1,132	2,520
4-5pm	1,085	27	122	101	121	1,456	1,083	67	29	26	48	1,253	2,709
5-6pm	1,209	33	104	85	80	1,511	1,163	52	37	29	44	1,325	2,836
6-7pm	1,216	71	48	62	81	1,478	1,053	42	24	21	22	1,162	2,640
7-8pm	---	---	---	---	---	1,353	---	---	---	---	---	959	2,312
8-9pm	---	---	---	---	---	1,279	---	---	---	---	---	850	2,129
9-10pm	---	---	---	---	---	1,133	---	---	---	---	---	740	1,873
10-11pm	---	---	---	---	---	1,052	---	---	---	---	---	774	1,826
11-12pm	---	---	---	---	---	990	---	---	---	---	---	714	1,704
Totals	---	---	---	---	---	22,743	---	---	---	---	---	21,920	44,663
7-10am	2,347	157	254	170	149	3,077	3,746	295	86	294	394	4,815	7,892
10am-1pm	2,119	83	154	168	169	2,693	2,245	126	83	121	214	2,789	5,482
1-4pm	2,945	87	147	218	218	3,615	2,681	199	79	75	174	3,208	6,823
4-7pm	3,510	131	274	248	282	4,445	3,299	161	90	76	114	3,740	8,185
7am-7pm	10,921	458	829	804	818	13,830	11,971	781	338	566	896	14,552	28,382

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Third Avenue Bridge - 2007

	Northbound to Bronx						Southbound to Manhattan						2-Way Totals
	Autos	Commuter Buses	Vans	Commercial Trucks	Vans	Totals	Autos	Commuter Buses	Vans	Commercial Trucks	Vans	Totals	
12-1am							---	---	---	---	---	1,145	1,145
1-2am							---	---	---	---	---	744	744
2-3am							---	---	---	---	---	628	628
3-4am							---	---	---	---	---	689	689
4-5am							---	---	---	---	---	1,217	1,217
5-6am							---	---	---	---	---	2,664	2,664
6-7am							---	---	---	---	---	4,211	4,211
7-8am							2,486	51	384	518	427	3,866	3,866
8-9am							2,098	30	208	424	442	3,202	3,202
9-10am							1,884	31	249	367	291	2,822	2,822
10-11am							2,126	26	141	136	113	2,542	2,542
11-12am							1,727	48	280	331	205	2,591	2,591
12-1pm							2,193	65	113	127	97	2,595	2,595
1-2pm							1,977	90	172	151	258	2,648	2,648
2-3pm							2,070	103	258	254	298	2,983	2,983
3-4pm							2,928	87	101	82	73	3,271	3,271
4-5pm							2,773	63	150	143	165	3,294	3,294
5-6pm							2,868	56	119	100	85	3,228	3,228
6-7pm							3,004	61	122	81	89	3,357	3,357
7-8pm							---	---	---	---	---	2,856	2,856
8-9pm							---	---	---	---	---	2,523	2,523
9-10pm							---	---	---	---	---	2,337	2,337
10-11pm							---	---	---	---	---	2,366	2,366
11-12pm							---	---	---	---	---	1,933	1,933
Totals							---	---	---	---	---	59,712	59,712
7-10am							6,468	112	841	1,309	1,160	9,890	9,890
10am-1pm							6,046	139	534	594	415	7,728	7,728
1-4pm							6,975	280	531	487	629	8,902	8,902
4-7pm							8,645	180	391	324	339	9,879	9,879
7am-7pm							28,134	711	2,297	2,714	2,543	36,399	36,399

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

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes University Heights Bridge - 2007

	<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	---	---	---	---	---	453	---	---	---	---	---	387	840
1-2am	---	---	---	---	---	321	---	---	---	---	---	256	577
2-3am	---	---	---	---	---	234	---	---	---	---	---	187	421
3-4am	---	---	---	---	---	176	---	---	---	---	---	170	346
4-5am	---	---	---	---	---	218	---	---	---	---	---	288	506
5-6am	---	---	---	---	---	323	---	---	---	---	---	705	1,028
6-7am	---	---	---	---	---	561	---	---	---	---	---	1,271	1,832
7-8am	624	44	80	38	40	826	1,340	22	34	38	110	1,544	** 2,370
8-9am	672	8	71	51	65	867	1,188	12	25	48	97	1,370	2,237
9-10am	564	8	56	65	65	758	1,019	13	16	52	103	1,203	1,961
10-11am	705	4	37	35	28	809	1,007	4	4	28	60	1,103	1,912
11-12am	631	7	66	77	38	819	957	7	13	60	86	1,123	1,942
12-1pm	755	13	23	26	21	838	1,030	2	5	28	49	1,114	1,952
1-2pm	814	41	40	31	24	950	1,090	4	5	20	36	1,155	2,105
2-3pm	841	13	72	52	49	1,027	1,112	11	22	50	105	1,300	2,327
3-4pm	983	17	22	29	28	1,079	1,225	43	6	27	54	1,355	2,434
4-5pm	910	4	56	42	32	1,044	1,351	21	19	28	100	1,519	2,563
5-6pm	935	0	59	28	43	1,065	1,408	1	17	15	62	1,503	** 2,568
6-7pm	952	0	59	20	60	1,091	** 1,323	8	11	10	62	1,414	2,505
7-8pm	---	---	---	---	---	1,057	---	---	---	---	---	1,270	2,327
8-9pm	---	---	---	---	---	959	---	---	---	---	---	1,111	2,070
9-10pm	---	---	---	---	---	821	---	---	---	---	---	937	1,758
10-11pm	---	---	---	---	---	735	---	---	---	---	---	800	1,535
11-12pm	---	---	---	---	---	662	---	---	---	---	---	644	1,306
Totals	---	---	---	---	---	17,693	---	---	---	---	---	23,729	41,422
7-10am	1,860	60	207	154	170	2,451	3,547	47	75	138	310	4,117	6,568
10am-1pm	2,091	24	126	138	87	2,466	2,994	13	22	116	195	3,340	5,806
1-4pm	2,638	71	134	112	101	3,056	3,427	58	33	97	195	3,810	6,866
4-7pm	2,797	4	174	90	135	3,200	4,082	30	47	53	224	4,436	7,636
7am-7pm	9,386	159	641	494	493	11,173	14,050	148	177	404	924	15,703	26,876

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Washington Bridge - 2007

	<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	---	---	---	---	---	725	---	---	---	---	---	522	1,247
1-2am	---	---	---	---	---	452	---	---	---	---	---	335	787
2-3am	---	---	---	---	---	336	---	---	---	---	---	246	582
3-4am	---	---	---	---	---	282	---	---	---	---	---	220	502
4-5am	---	---	---	---	---	341	---	---	---	---	---	331	672
5-6am	---	---	---	---	---	509	---	---	---	---	---	565	1,074
6-7am	---	---	---	---	---	1,138	---	---	---	---	---	1,104	2,242
7-8am	1,871	71	40	64	137	2,183	1,181	55	105	34	24	1,399	3,582
8-9am	1,770	54	32	95	162	2,113	1,092	60	67	50	27	1,296	3,409
9-10am	1,457	48	31	115	110	1,761	1,002	34	51	39	27	1,153	2,914
10-11am	1,272	38	8	35	47	1,400	955	34	10	26	22	1,047	2,447
11-12am	1,204	29	17	66	76	1,392	935	44	28	30	36	1,073	2,465
12-1pm	1,268	42	19	25	61	1,415	1,065	28	10	20	15	1,138	2,553
1-2pm	1,351	33	6	34	52	1,476	1,164	29	17	19	14	1,243	2,719
2-3pm	1,473	36	27	72	85	1,693	1,260	59	44	53	42	1,458	3,151
3-4pm	2,025	48	14	39	102	2,228	1,271	39	39	39	19	1,407	3,635
4-5pm	2,062	49	62	76	229	2,478	1,140	33	58	71	39	1,341	3,819
5-6pm	2,187	40	61	43	115	2,446	1,074	22	33	25	31	1,185	3,631
6-7pm	2,128	27	38	29	94	2,316	971	27	39	13	22	1,072	3,388
7-8pm	---	---	---	---	---	2,016	---	---	---	---	---	1,142	3,158
8-9pm	---	---	---	---	---	1,655	---	---	---	---	---	1,133	2,788
9-10pm	---	---	---	---	---	1,370	---	---	---	---	---	955	2,325
10-11pm	---	---	---	---	---	1,177	---	---	---	---	---	846	2,023
11-12pm	---	---	---	---	---	1,094	---	---	---	---	---	738	1,832
Totals	---	---	---	---	---	33,996	---	---	---	---	---	22,949	56,945
7-10am	5,098	173	103	274	409	6,057	3,275	149	223	123	78	3,848	9,905
10am-1pm	3,744	109	44	126	184	4,207	2,955	106	48	76	73	3,258	7,465
1-4pm	4,849	117	47	145	239	5,397	3,695	127	100	111	75	4,108	9,505
4-7pm	6,377	116	161	148	438	7,240	3,185	82	130	109	92	3,598	10,838
7am-7pm	20,068	515	355	693	1,270	22,901	13,110	464	501	419	318	14,812	37,713

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Willis Avenue Bridge - 2007

	<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	---	---	---	---	---	1,973							1,973
1-2am	---	---	---	---	---	1,122							1,122
2-3am	---	---	---	---	---	784							784
3-4am	---	---	---	---	---	693							693
4-5am	---	---	---	---	---	853							853
5-6am	---	---	---	---	---	1,583							1,583
6-7am	---	---	---	---	---	2,959							2,959
7-8am	3,089	92	144	179	124	3,628							3,628
8-9am	2,767	118	103	200	243	3,431							3,431
9-10am	1,978	116	97	237	219	2,647							2,647
10-11am	2,047	48	66	154	145	2,460							2,460
11-12am	1,912	33	112	274	253	2,584							2,584
12-1pm	2,358	40	50	145	99	2,692							2,692
1-2pm	2,616	24	40	110	139	2,929							2,929
2-3pm	2,474	30	121	356	360	3,341							3,341
3-4pm	3,514	64	60	169	164	3,971							3,971
4-5pm	3,385	39	130	290	455	4,299 **							4,299 **
5-6pm	3,417	61	114	190	420	4,202							4,202
6-7pm	3,444	33	105	121	233	3,936							3,936
7-8pm	---	---	---	---	---	3,521							3,521
8-9pm	---	---	---	---	---	3,211							3,211
9-10pm	---	---	---	---	---	3,012							3,012
10-11pm	---	---	---	---	---	2,811							2,811
11-12pm	---	---	---	---	---	2,471							2,471
Totals	---	---	---	---	---	65,113							65,113
7-10am	7,834	326	344	616	586	9,706							9,706
10am-1pm	6,317	121	228	573	497	7,736							7,736
1-4pm	8,604	118	221	635	663	10,241							10,241
4-7pm	10,246	133	349	601	1,108	12,437							12,437
7am-7pm	33,001	698	1,142	2,425	2,854	40,120							40,120

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

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes 145th Street Bridge - 2007

	<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	---	---	---	---	---	0	---	---	---	---	---	0	0
1-2am	---	---	---	---	---	0	---	---	---	---	---	0	0
2-3am	---	---	---	---	---	0	---	---	---	---	---	0	0
3-4am	---	---	---	---	---	0	---	---	---	---	---	0	0
4-5am	---	---	---	---	---	0	---	---	---	---	---	0	0
5-6am	---	---	---	---	---	21	---	---	---	---	---	0	21
6-7am	---	---	---	---	---	273	---	---	---	---	---	574	847
7-8am	480	23	31	31	8	573	914	42	19	40	36	1,051 **	1,624
8-9am	621	22	38	41	24	746	858	29	33	28	52	1,000	1,746
9-10am	466	11	32	50	20	579	553	19	33	26	59	690	1,269
10-11am	429	7	12	20	21	489	422	14	29	22	42	529	1,018
11-12am	392	13	23	53	34	515	377	9	38	39	45	508	1,023
12-1pm	472	10	14	34	14	544	512	10	10	8	13	553	1,097
1-2pm	506	10	29	26	15	586	504	25	9	13	7	558	1,144
2-3pm	469	14	26	80	34	623	515	20	24	23	34	616	1,239
3-4pm	725	19	20	35	25	824	675	26	8	6	10	725	1,549
4-5pm	833	13	54	93	52	1,045	750	16	14	8	21	809	1,854 **
5-6pm	856	10	49	71	64	1,050 **	732	16	13	8	12	781	1,831
6-7pm	740	24	26	20	41	851	636	20	5	3	9	673	1,524
7-8pm	---	---	---	---	---	648	---	---	---	---	---	523	1,171
8-9pm	---	---	---	---	---	570	---	---	---	---	---	482	1,052
9-10pm	---	---	---	---	---	486	---	---	---	---	---	422	908
10-11pm	---	---	---	---	---	111	---	---	---	---	---	119	230
11-12pm	---	---	---	---	---	0	---	---	---	---	---	0	0
Totals	---	---	---	---	---	10,534	---	---	---	---	---	10,613	21,147
7-10am	1,567	56	101	122	52	1,898	2,325	90	85	94	147	2,741	4,639
10am-1pm	1,293	30	49	107	69	1,548	1,311	33	77	69	100	1,590	3,138
1-4pm	1,700	43	75	141	74	2,033	1,694	71	41	42	51	1,899	3,932
4-7pm	2,429	47	129	184	157	2,946	2,118	52	32	19	42	2,263	5,209
7am-7pm	6,989	176	354	554	352	8,425	7,448	246	235	224	340	8,493	16,918

Based on 1989 Classification Survey Data

** Peak Volumes

***Brooklyn-Queens
Bridges***

Brooklyn - Queens Bridges
Average Daily Traffic Volumes
1948 - 2007

<i>Year</i>	<i>Grand Street</i>	<i>Greenpoint Avenue</i>	<i>Kosciuszko</i>	<i>Pulaski</i>	<i>Totals</i>
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>Closed</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
2006	12,893	29,840	184,341	38,224	265,298
2007	12,585	27,027	186,493	37,221	263,326

Hourly Vehicular Volumes Grand Street Bridge - 2007

	<i>Eastbound to Queens</i>						<i>Westbound to Brooklyn</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	64	---	---	---	---	---	64	128
1-2am	---	---	---	---	---	66	---	---	---	---	---	61	127
2-3am	---	---	---	---	---	51	---	---	---	---	---	47	98
3-4am	---	---	---	---	---	51	---	---	---	---	---	59	110
4-5am	---	---	---	---	---	61	---	---	---	---	---	83	144
5-6am	---	---	---	---	---	160	---	---	---	---	---	232	392
6-7am	---	---	---	---	---	250	---	---	---	---	---	426	676
7-8am	231	8	8	34	11	292	412	16	30	122	28	608	900
8-9am	178	4	7	68	16	273	320	6	31	167	51	575	848
9-10am	176	12	2	56	18	264	293	9	29	169	47	547	811
10-11am	218	4	4	50	26	302	349	11	12	66	18	456	758
11-12am	168	6	10	94	30	308	260	5	25	99	27	416	724
12-1pm	262	8	3	32	9	314	306	9	12	40	11	378	692
1-2pm	261	5	8	45	14	333	261	12	20	54	13	360	693
2-3pm	221	9	10	87	30	357	233	5	31	137	36	442	799
3-4pm	359	7	4	41	8	419	336	14	10	60	12	432	851
4-5pm	389	13	13	50	19	484	311	8	21	64	18	422	906
5-6pm	452	8	12	64	25	561	305	4	18	56	15	398	959
6-7pm	330	6	8	56	17	417	226	5	12	24	3	270	687
7-8pm	---	---	---	---	---	268	---	---	---	---	---	179	447
8-9pm	---	---	---	---	---	168	---	---	---	---	---	126	294
9-10pm	---	---	---	---	---	99	---	---	---	---	---	106	205
10-11pm	---	---	---	---	---	79	---	---	---	---	---	91	170
11-12pm	---	---	---	---	---	86	---	---	---	---	---	80	166
Totals	---	---	---	---	---	5,727	---	---	---	---	---	6,858	12,585
7-10am	585	24	17	158	45	829	1,025	31	90	458	126	1,730	2,559
10am-1pm	648	18	17	176	65	924	915	25	49	205	56	1,250	2,174
1-4pm	841	21	22	173	52	1,109	830	31	61	251	61	1,234	2,343
4-7pm	1,171	27	33	170	61	1,462	842	17	51	144	36	1,090	2,552
7am-7pm	3,245	90	89	677	223	4,324	3,612	104	251	1,058	279	5,304	9,628

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Greenpoint Avenue Bridge - 2007

	<u>Eastbound to Queens</u>						<u>Westbound to Brooklyn</u>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	228	---	---	---	---	---	119	347
1-2am	---	---	---	---	---	197	---	---	---	---	---	78	275
2-3am	---	---	---	---	---	102	---	---	---	---	---	74	176
3-4am	---	---	---	---	---	103	---	---	---	---	---	91	194
4-5am	---	---	---	---	---	157	---	---	---	---	---	140	297
5-6am	---	---	---	---	---	313	---	---	---	---	---	387	700
6-7am	---	---	---	---	---	631	---	---	---	---	---	880	1,511
7-8am	569	11	19	122	41	762	699	11	54	213	85	1,062	1,824
8-9am	476	13	21	180	41	731	695	12	35	198	87	1,027	1,758
9-10am	363	6	24	187	63	643	493	15	60	296	127	991	1,634
10-11am	486	3	6	71	32	598	538	5	27	155	53	778	1,376
11-12am	374	10	16	156	65	621	299	5	18	217	119	658	1,279
12-1pm	549	3	12	78	26	668	487	5	27	118	61	698	1,366
1-2pm	600	10	15	84	21	730	471	15	36	117	41	680	1,410
2-3pm	600	7	26	188	90	911	172	11	91	340	129	743	1,654
3-4pm	956	9	11	92	37	1,105	794	8	27	113	33	975	2,080
4-5pm	814	12	36	136	84	1,082	858	11	38	128	58	1,093	2,175
5-6pm	879	9	35	135	77	1,135	713	9	54	79	62	917	2,052
6-7pm	702	15	20	89	63	889	522	15	22	64	40	663	1,552
7-8pm	---	---	---	---	---	679	---	---	---	---	---	427	1,106
8-9pm	---	---	---	---	---	498	---	---	---	---	---	328	826
9-10pm	---	---	---	---	---	349	---	---	---	---	---	288	637
10-11pm	---	---	---	---	---	251	---	---	---	---	---	186	437
11-12pm	---	---	---	---	---	191	---	---	---	---	---	170	361
Totals	---	---	---	---	---	13,574	---	---	---	---	---	13,453	27,027
7-10am	1,408	30	64	489	145	2,136	1,887	38	149	707	299	3,080	5,216
10am-1pm	1,409	16	34	305	123	1,887	1,324	15	72	490	233	2,134	4,021
1-4pm	2,156	26	52	364	148	2,746	1,437	34	154	570	203	2,398	5,144
4-7pm	2,395	36	91	360	224	3,106	2,093	35	114	271	160	2,673	5,779
7am-7pm	7,368	108	241	1,518	640	9,875	6,741	122	489	2,038	895	10,285	20,160

Based on 1989 Classification Survey Data:

** Peak Volumes

Hourly Vehicular Volumes Kosciuszko Bridge - 2007

	<i>Eastbound to Queens</i>						<i>Westbound to Brooklyn</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	2,259	---	---	---	---	---	1,493	3,752
1-2am	---	---	---	---	---	1,719	---	---	---	---	---	1,309	3,028
2-3am	---	---	---	---	---	1,327	---	---	---	---	---	989	2,316
3-4am	---	---	---	---	---	1,387	---	---	---	---	---	1,111	2,498
4-5am	---	---	---	---	---	1,987	---	---	---	---	---	1,870	3,857
5-6am	---	---	---	---	---	3,311	---	---	---	---	---	4,267	7,578
6-7am	---	---	---	---	---	4,827	---	---	---	---	---	5,256 **	10,083
7-8am	4,152	55	112	436	282	5,037 **	4,335	13	58	343	324	5,073	10,110 **
8-9am	3,967	18	126	440	293	4,844	4,071	13	35	385	336	4,840	9,684
9-10am	3,760	38	108	412	317	4,635	3,882	15	61	507	361	4,826	9,461
10-11am	3,859	21	107	257	201	4,445	4,350	7	36	256	169	4,818	9,263
11-12am	3,571	12	193	598	433	4,807	3,686	7	71	569	302	4,635	9,442
12-1pm	4,294	11	73	274	192	4,844	4,027	7	69	321	161	4,585	9,429
1-2pm	3,785	38	118	510	425	4,876	3,408	9	81	556	371	4,425	9,301
2-3pm	3,598	19	153	465	414	4,649	3,653	14	75	545	378	4,665	9,314
3-4pm	4,416	15	71	102	209	4,813	4,335	18	23	231	168	4,775	9,588
4-5pm	4,190	22	119	215	391	4,937	3,937	16	64	317	256	4,590	9,527
5-6pm	4,188	17	82	295	261	4,843	3,881	7	44	299	281	4,512	9,355
6-7pm	4,445	10	72	100	265	4,892	3,993	7	17	201	261	4,479	9,371
7-8pm	---	---	---	---	---	4,973	---	---	---	---	---	4,368	9,341
8-9pm	---	---	---	---	---	4,626	---	---	---	---	---	4,037	8,663
9-10pm	---	---	---	---	---	4,340	---	---	---	---	---	3,944	8,284
10-11pm	---	---	---	---	---	3,708	---	---	---	---	---	3,274	6,982
11-12pm	---	---	---	---	---	3,381	---	---	---	---	---	2,885	6,266
Totals	---	---	---	---	---	95,467	---	---	---	---	---	91,026	186,493
7-10am	11,879	111	346	1,288	892	14,516	12,288	41	154	1,235	1,021	14,739	29,255
10am-1pm	11,724	44	373	1,129	826	14,096	12,063	21	176	1,146	632	14,038	28,134
1-4pm	11,799	72	342	1,077	1,048	14,338	11,396	41	179	1,332	917	13,865	28,203
4-7pm	12,823	49	273	610	917	14,672	11,811	30	125	817	798	13,581	28,253
7am-7pm	48,225	276	1,334	4,104	3,683	57,622	47,558	133	634	4,530	3,368	56,223	113,845

Based on 1989 Classification Survey Dat:

** Peak Volumes

Hourly Vehicular Volumes Pulaski Bridge - 2007

	<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	---	---	---	---	---	246	---	---	---	---	---	320	566
1-2am	---	---	---	---	---	182	---	---	---	---	---	198	380
2-3am	---	---	---	---	---	132	---	---	---	---	---	159	291
3-4am	---	---	---	---	---	145	---	---	---	---	---	145	290
4-5am	---	---	---	---	---	236	---	---	---	---	---	183	419
5-6am	---	---	---	---	---	637	---	---	---	---	---	324	961
6-7am	---	---	---	---	---	1,337	---	---	---	---	---	611	1,948
7-8am	1,131	24	53	173	149	1,530 **	671	13	27	187	113	1,011	2,541
8-9am	1,084	19	43	200	152	1,498	735	14	37	206	163	1,155	2,653
9-10am	707	16	45	204	143	1,115	583	16	26	189	145	959	2,074
10-11am	726	12	23	108	78	947	712	11	19	93	64	899	1,846
11-12am	540	11	43	218	152	964	517	14	36	205	134	906	1,870
12-1pm	735	9	18	103	78	943	739	11	15	95	59	919	1,862
1-2pm	737	20	26	116	83	982	777	20	29	101	55	982	1,964
2-3pm	651	17	38	208	156	1,070	694	15	39	306	114	1,168	2,238
3-4pm	977	21	17	105	80	1,200	1,196	21	27	115	86	1,445	2,645
4-5pm	889	10	38	113	132	1,182	1,209	12	49	168	141	1,579 **	2,761 **
5-6pm	916	8	42	41	107	1,114	1,258	10	34	112	117	1,531	2,645
6-7pm	704	12	33	58	84	891	916	10	23	66	74	1,089	1,980
7-8pm	---	---	---	---	---	710	---	---	---	---	---	780	1,490
8-9pm	---	---	---	---	---	552	---	---	---	---	---	637	1,189
9-10pm	---	---	---	---	---	443	---	---	---	---	---	537	980
10-11pm	---	---	---	---	---	403	---	---	---	---	---	463	866
11-12pm	---	---	---	---	---	345	---	---	---	---	---	417	762
Totals	---	---	---	---	---	18,804	---	---	---	---	---	18,417	37,221
7-10am	2,922	59	141	577	444	4,143	1,989	43	90	582	421	3,125	7,268
10am-1pm	2,001	32	84	429	308	2,854	1,968	36	70	393	257	2,724	5,578
1-4pm	2,365	58	81	429	319	3,252	2,667	56	95	522	255	3,595	6,847
4-7pm	2,509	30	113	212	323	3,187	3,383	32	106	346	332	4,199	7,386
7am-7pm	9,797	179	419	1,647	1,394	13,436	10,007	167	361	1,843	1,265	13,643	27,079

Based on 1989 Classification Survey Data

** Peak Volumes

***Bronx
Bridges***

Bronx Bridges
Average Daily Traffic Volumes
1948 - 2007

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
2006	15,339	13,662	20,890	182,579	120,599
2007	15,188	14,436	21,431	180,128	117,660

Bronx Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2007

Year	Pelham	Unionport	Westchester Avenue	Totals
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	<i>Closed</i>	37,935	22,693	291,600
1983	10,740	38,676	22,693	301,686
1984	14,862	41,548	<i>Closed</i>	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
2006	16,749	61,262	24,921	456,001
2007	19,041	59,906	25,846	453,636

Hourly Vehicular Volumes City Island Bridge - 2007

	<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	---	---	---	---	---	105	---	---	---	---	---	101	206
1-2am	---	---	---	---	---	45	---	---	---	---	---	45	90
2-3am	---	---	---	---	---	29	---	---	---	---	---	23	52
3-4am	---	---	---	---	---	18	---	---	---	---	---	16	34
4-5am	---	---	---	---	---	22	---	---	---	---	---	22	44
5-6am	---	---	---	---	---	93	---	---	---	---	---	77	170
6-7am	---	---	---	---	---	277	---	---	---	---	---	221	498
7-8am	440	17	24	11	37	529 **	375	8	0	16	16	415	944
8-9am	406	24	20	13	60	523	369	13	0	13	29	424	947
9-10am	260	5	5	9	32	311	267	4	0	8	16	295	606
10-11am	295	0	5	7	9	316	268	3	1	7	2	281	597
11-12am	250	4	7	5	26	292	323	6	0	2	3	334	626
12-1pm	349	2	7	3	17	378	374	9	0	4	2	389	767
1-2pm	393	2	1	6	19	421	412	2	0	6	20	440	861
2-3pm	402	9	13	18	38	480	412	10	2	22	31	477	957
3-4pm	448	9	5	6	11	479	497	15	0	5	10	527	1,006
4-5pm	383	2	16	8	31	440	487	3	0	9	30	529	969
5-6pm	416	5	8	5	15	449	522	6	0	11	21	560	1,009
6-7pm	411	3	4	6	11	435	517	8	0	9	12	546	981
7-8pm	---	---	---	---	---	443	---	---	---	---	---	562 **	1,005
8-9pm	---	---	---	---	---	458	---	---	---	---	---	507	965
9-10pm	---	---	---	---	---	381	---	---	---	---	---	420	801
10-11pm	---	---	---	---	---	313	---	---	---	---	---	328	641
11-12pm	---	---	---	---	---	202	---	---	---	---	---	210	412
Totals	---	---	---	---	---	7,439	---	---	---	---	---	7,749	15,188
7-10am	1,106	46	49	33	129	1,363	1,011	25	0	37	61	1,134	2,497
10am-1pm	894	6	19	15	52	986	965	18	1	13	7	1,004	1,990
1-4pm	1,243	20	19	30	68	1,380	1,321	27	2	33	61	1,444	2,824
4-7pm	1,210	10	28	19	57	1,324	1,526	17	0	29	63	1,635	2,959
7am-7pm	4,453	82	115	97	306	5,053	4,823	87	3	112	192	5,217	10,270

Based on 1989 Classification Survey Data

Hourly Vehicular Volumes East 174th Street Bridge - 2007

	<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	---	---	---	---	---	106	---	---	---	---	---	89	195
1-2am	---	---	---	---	---	64	---	---	---	---	---	57	121
2-3am	---	---	---	---	---	42	---	---	---	---	---	41	83
3-4am	---	---	---	---	---	33	---	---	---	---	---	30	63
4-5am	---	---	---	---	---	37	---	---	---	---	---	48	85
5-6am	---	---	---	---	---	92	---	---	---	---	---	93	185
6-7am	---	---	---	---	---	187	---	---	---	---	---	247	434
7-8am	299	27	9	13	14	362	592	31	22	8	39	692 **	1,054
8-9am	314	47	10	30	12	413	581	30	26	13	41	691	1,104
9-10am	252	24	9	15	18	318	331	14	11	8	30	394	712
10-11am	253	15	5	13	9	295	288	24	4	4	1	321	616
11-12am	248	21	21	32	26	348	284	12	4	23	29	352	700
12-1pm	291	10	10	14	13	338	339	19	4	7	9	378	716
1-2pm	334	9	11	11	13	378	377	16	7	5	11	416	794
2-3pm	336	29	22	32	20	439	382	37	15	19	32	485	924
3-4pm	434	30	10	11	11	496	452	38	9	1	25	525	1,021
4-5pm	393	10	19	23	20	465	490	18	15	15	31	569	1,034
5-6pm	451	12	13	18	17	511 **	484	19	13	1	23	540	1,051
6-7pm	405	18	6	11	15	455	404	13	13	3	14	447	902
7-8pm	---	---	---	---	---	402	---	---	---	---	---	373	775
8-9pm	---	---	---	---	---	311	---	---	---	---	---	321	632
9-10pm	---	---	---	---	---	264	---	---	---	---	---	247	511
10-11pm	---	---	---	---	---	233	---	---	---	---	---	188	421
11-12pm	---	---	---	---	---	163	---	---	---	---	---	140	303
Totals	---	---	---	---	---	6,752	---	---	---	---	---	7,684	14,436
7-10am	865	98	28	58	44	1,093	1,504	75	59	29	110	1,777	2,870
10am-1pm	792	46	36	59	48	981	911	55	12	34	39	1,051	2,032
1-4pm	1,104	68	43	54	44	1,313	1,211	91	31	25	68	1,426	2,739
4-7pm	1,249	40	38	52	52	1,431	1,378	50	41	19	68	1,556	2,987
7am-7pm	4,010	252	145	223	188	4,818	5,004	271	143	107	285	5,810	10,628

Based on 1989 Classification Survey Data

Hourly Vehicular Volumes Eastchester Bridge - 2007

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	103	---	---	---	---	---	125	228
1-2am	---	---	---	---	---	53	---	---	---	---	---	54	107
2-3am	---	---	---	---	---	47	---	---	---	---	---	43	90
3-4am	---	---	---	---	---	43	---	---	---	---	---	43	86
4-5am	---	---	---	---	---	57	---	---	---	---	---	59	116
5-6am	---	---	---	---	---	133	---	---	---	---	---	176	309
6-7am	---	---	---	---	---	347	---	---	---	---	---	360	707
7-8am	492	16	0	29	22	559	571	10	10	79	22	692	1,251
8-9am	499	12	0	44	35	590	516	13	15	84	27	655	1,245
9-10am	430	14	0	36	29	509	388	19	20	121	43	591	1,100
10-11am	468	6	0	20	17	511	514	8	15	37	19	593	1,104
11-12am	531	5	0	33	38	607	480	8	16	82	38	624	1,231
12-1pm	622	8	0	12	22	664	636	7	6	31	18	698	1,362
1-2pm	620	7	0	12	18	657	624	7	4	37	11	683	1,340
2-3pm	653	15	0	34	23	725	546	10	13	101	26	696	1,421
3-4pm	769	14	0	21	20	824 **	717	17	9	45	12	800	1,624
4-5pm	658	8	0	22	33	721	720	8	15	40	20	803	1,524
5-6pm	666	8	0	24	35	733	757	9	13	39	28	846 **	1,579
6-7pm	597	11	0	12	13	633	686	17	8	34	8	753	1,386
7-8pm	---	---	---	---	---	514	---	---	---	---	---	647	1,161
8-9pm	---	---	---	---	---	392	---	---	---	---	---	478	870
9-10pm	---	---	---	---	---	287	---	---	---	---	---	381	668
10-11pm	---	---	---	---	---	234	---	---	---	---	---	282	516
11-12pm	---	---	---	---	---	152	---	---	---	---	---	254	406
Totals	---	---	---	---	---	10,095	---	---	---	---	---	11,336	21,431
7-10am	1,421	42	0	109	86	1,658	1,475	42	45	284	92	1,938	3,596
10am-1pm	1,621	19	0	65	77	1,782	1,630	23	37	150	75	1,915	3,697
1-4pm	2,042	36	0	67	61	2,206	1,887	34	26	183	49	2,179	4,385
4-7pm	1,921	27	0	58	81	2,087	2,163	34	36	113	56	2,402	4,489
7am-7pm	7,005	124	0	299	305	7,733	7,155	133	144	730	272	8,434	16,167

Based on 1989 Classification Survey Data

Hourly Vehicular Volumes Eastern Boulevard Bridge - 2007

	<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	---	---	---	---	---	1,700	---	---	---	---	---	1,374	3,074
1-2am	---	---	---	---	---	950	---	---	---	---	---	810	1,760
2-3am	---	---	---	---	---	693	---	---	---	---	---	658	1,351
3-4am	---	---	---	---	---	649	---	---	---	---	---	741	1,390
4-5am	---	---	---	---	---	862	---	---	---	---	---	1,339	2,201
5-6am	---	---	---	---	---	1,649	---	---	---	---	---	3,328	4,977
6-7am	---	---	---	---	---	3,239	---	---	---	---	---	5,920	9,159
7-8am	3,927	59	74	441	144	4,645	5,617	102	122	361	265	6,467 **	11,112
8-9am	3,843	112	103	545	231	4,834	5,026	71	135	428	275	5,935	10,769
9-10am	3,089	97	111	517	200	4,014	4,396	45	82	320	233	5,076	9,090
10-11am	3,525	25	52	289	110	4,001	4,052	35	53	160	95	4,395	8,396
11-12am	3,294	16	150	440	265	4,165	3,684	25	103	285	200	4,297	8,462
12-1pm	3,969	21	71	218	126	4,405	4,029	27	33	169	96	4,354	8,759
1-2pm	4,530	29	1	159	91	4,810	4,014	52	55	163	57	4,341	9,151
2-3pm	4,980	44	0	280	206	5,510	4,001	109	87	331	127	4,655	10,165
3-4pm	5,941	43	0	158	100	6,242	4,744	69	43	184	53	5,093	11,335
4-5pm	5,882	38	0	310	195	6,425	4,436	108	128	295	173	5,140	11,565
5-6pm	6,167	63	0	97	179	6,506 **	4,529	35	137	174	87	4,962	11,468
6-7pm	5,634	46	0	156	151	5,987	4,470	39	81	90	62	4,742	10,729
7-8pm	---	---	---	---	---	5,281	---	---	---	---	---	4,337	9,618
8-9pm	---	---	---	---	---	4,389	---	---	---	---	---	3,460	7,849
9-10pm	---	---	---	---	---	3,814	---	---	---	---	---	2,955	6,769
10-11pm	---	---	---	---	---	3,545	---	---	---	---	---	2,696	6,241
11-12pm	---	---	---	---	---	2,682	---	---	---	---	---	2,056	4,738
Totals	---	---	---	---	---	90,997	---	---	---	---	---	89,131	180,128
7-10am	10,859	268	288	1,503	575	13,493	15,039	218	339	1,109	773	17,478	30,971
10am-1pm	10,788	62	273	947	501	12,571	11,765	87	189	614	391	13,046	25,617
1-4pm	15,451	116	1	597	397	16,562	12,759	230	185	678	237	14,089	30,651
4-7pm	17,683	147	0	563	525	18,918	13,435	182	346	559	322	14,844	33,762
7am-7pm	54,781	593	562	3,610	1,998	61,544	52,998	717	1,059	2,960	1,723	59,457	121,001

Based on 1989 Classification Survey Data

Hourly Vehicular Volumes Hutchinson River Parkway Bridge - 2007

	<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	---	---	---	---	---	663	---	---	---	---	---	527	1,190
1-2am	---	---	---	---	---	359	---	---	---	---	---	282	641
2-3am	---	---	---	---	---	207	---	---	---	---	---	185	392
3-4am	---	---	---	---	---	192	---	---	---	---	---	174	366
4-5am	---	---	---	---	---	359	---	---	---	---	---	465	824
5-6am	---	---	---	---	---	1,167	---	---	---	---	---	1,373	2,540
6-7am	---	---	---	---	---	3,169	---	---	---	---	---	2,936	6,105
7-8am	4,387	4	112	164	81	4,748 **	3,878	1	19	9	106	4,013 **	8,761
8-9am	4,276	7	76	147	59	4,565	3,605	2	6	7	72	3,692	8,257
9-10am	3,042	1	85	107	68	3,303	2,924	7	13	11	86	3,041	6,344
10-11am	2,786	3	38	64	35	2,926	2,563	3	6	6	27	2,605	5,531
11-12am	2,405	0	110	105	67	2,687	2,390	0	9	10	113	2,522	5,209
12-1pm	2,665	0	33	56	26	2,780	2,503	0	3	3	36	2,545	5,325
1-2pm	2,861	7	52	73	34	3,027	2,581	5	7	0	56	2,649	5,676
2-3pm	3,256	5	128	182	70	3,641	2,934	6	13	6	102	3,061	6,702
3-4pm	4,101	3	62	79	38	4,283	3,419	11	3	3	64	3,500	7,783
4-5pm	3,722	1	87	233	82	4,125	3,828	0	16	0	71	3,915	8,040
5-6pm	3,877	1	87	144	64	4,173	3,627	0	10	7	81	3,725	7,898
6-7pm	3,736	0	77	107	63	3,983	3,788	0	15	2	79	3,884	7,867
7-8pm	---	---	---	---	---	3,597	---	---	---	---	---	3,301	6,898
8-9pm	---	---	---	---	---	2,837	---	---	---	---	---	2,630	5,467
9-10pm	---	---	---	---	---	2,379	---	---	---	---	---	2,076	4,455
10-11pm	---	---	---	---	---	1,837	---	---	---	---	---	1,407	3,244
11-12pm	---	---	---	---	---	1,176	---	---	---	---	---	969	2,145
Totals	---	---	---	---	---	62,183	---	---	---	---	---	55,477	117,660
7-10am	11,705	12	273	418	208	12,616	10,407	10	38	27	264	10,746	23,362
10am-1pm	7,856	3	181	225	128	8,393	7,456	3	18	19	176	7,672	16,065
1-4pm	10,218	15	242	334	142	10,951	8,934	22	23	9	222	9,210	20,161
4-7pm	11,335	2	251	484	209	12,281	11,243	0	41	9	231	11,524	23,805
7am-7pm	41,114	32	947	1,461	687	44,241	38,040	35	120	64	893	39,152	83,393

Based on 1989 Classification Survey Data

Hourly Vehicular Volumes Pelham Bridge - 2007

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	81	---	---	---	---	---	113	194
1-2am	---	---	---	---	---	47	---	---	---	---	---	43	90
2-3am	---	---	---	---	---	21	---	---	---	---	---	28	49
3-4am	---	---	---	---	---	17	---	---	---	---	---	24	41
4-5am	---	---	---	---	---	25	---	---	---	---	---	55	80
5-6am	---	---	---	---	---	172	---	---	---	---	---	167	339
6-7am	---	---	---	---	---	280	---	---	---	---	---	389	669
7-8am	363	16	13	26	18	436	433	14	11	20	19	497	933
8-9am	419	18	6	37	32	512	337	14	11	30	29	421	933
9-10am	327	7	2	24	27	387	276	5	7	29	17	334	721
10-11am	337	2	3	30	23	395	292	7	9	9	22	339	734
11-12am	407	5	6	24	34	476	291	5	11	57	25	389	865
12-1pm	496	11	2	6	17	532	395	11	3	10	6	425	957
1-2pm	528	8	0	15	10	561	460	9	7	17	11	504	1,065
2-3pm	555	22	9	32	35	653	579	15	8	35	23	660	1,313
3-4pm	640	15	1	16	25	697	608	25	6	19	12	670	1,367
4-5pm	643	6	5	16	36	706	602	8	3	20	17	650	1,356
5-6pm	757	10	4	23	39	833 **	651	17	18	15	35	736 **	1,569
6-7pm	726	10	4	5	30	775	598	9	14	20	14	655	1,430
7-8pm	---	---	---	---	---	631	---	---	---	---	---	615	1,246
8-9pm	---	---	---	---	---	498	---	---	---	---	---	573	1,071
9-10pm	---	---	---	---	---	348	---	---	---	---	---	484	832
10-11pm	---	---	---	---	---	262	---	---	---	---	---	440	702
11-12pm	---	---	---	---	---	169	---	---	---	---	---	316	485
Totals	---	---	---	---	---	9,514	---	---	---	---	---	9,527	19,041
7-10am	1,109	41	21	87	77	1,335	1,046	33	29	79	65	1,252	2,587
10am-1pm	1,240	18	11	60	74	1,403	978	23	23	76	53	1,153	2,556
1-4pm	1,723	45	10	63	70	1,911	1,647	49	21	71	46	1,834	3,745
4-7pm	2,126	26	13	44	105	2,314	1,851	34	35	55	66	2,041	4,355
7am-7pm	6,198	130	55	254	326	6,963	5,522	139	108	281	230	6,280	13,243

Based on 1989 Classification Survey Data

Hourly Vehicular Volumes Unionport Bridge - 2007

	<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	---	---	---	---	---	343	---	---	---	---	---	360	703
1-2am	---	---	---	---	---	197	---	---	---	---	---	180	377
2-3am	---	---	---	---	---	151	---	---	---	---	---	145	296
3-4am	---	---	---	---	---	143	---	---	---	---	---	168	311
4-5am	---	---	---	---	---	179	---	---	---	---	---	295	474
5-6am	---	---	---	---	---	432	---	---	---	---	---	775	1,207
6-7am	---	---	---	---	---	941	---	---	---	---	---	1,522	2,463
7-8am	1,570	41	23	131	43	1,808	2,382	46	3	50	71	2,552 **	4,360
8-9am	1,619	39	50	138	73	1,919	2,375	30	0	82	59	2,546	4,465
9-10am	1,067	29	53	113	70	1,332	1,581	21	0	46	61	1,709	3,041
10-11am	1,079	16	17	70	40	1,222	1,308	18	0	16	47	1,389	2,611
11-12am	1,057	14	54	149	72	1,346	1,302	16	0	84	101	1,503	2,849
12-1pm	1,263	13	27	80	37	1,420	1,501	10	0	34	30	1,575	2,995
1-2pm	1,230	10	41	146	80	1,507	1,365	21	1	99	99	1,585	3,092
2-3pm	1,639	18	49	148	61	1,915	1,620	26	0	97	100	1,843	3,758
3-4pm	2,025	16	19	68	40	2,168 **	1,857	46	0	45	66	2,014	4,182
4-5pm	1,853	19	39	148	72	2,131	1,786	28	0	67	133	2,014	4,145
5-6pm	1,905	24	48	139	40	2,156	1,841	29	0	64	77	2,011	4,167
6-7pm	1,742	35	48	104	36	1,965	1,675	18	0	31	53	1,777	3,742
7-8pm	---	---	---	---	---	1,623	---	---	---	---	---	1,517	3,140
8-9pm	---	---	---	---	---	1,266	---	---	---	---	---	1,335	2,601
9-10pm	---	---	---	---	---	1,041	---	---	---	---	---	1,083	2,124
10-11pm	---	---	---	---	---	839	---	---	---	---	---	751	1,590
11-12pm	---	---	---	---	---	607	---	---	---	---	---	606	1,213
Totals	---	---	---	---	---	28,651	---	---	---	---	---	31,255	59,906
7-10am	4,256	109	126	382	186	5,059	6,338	97	3	178	191	6,807	11,866
10am-1pm	3,399	43	98	299	149	3,988	4,111	44	0	134	178	4,467	8,455
1-4pm	4,894	44	109	362	181	5,590	4,842	93	1	241	265	5,442	11,032
4-7pm	5,500	78	135	391	148	6,252	5,302	75	0	162	263	5,802	12,054
7am-7pm	18,049	274	468	1,434	664	20,889	20,593	309	4	715	897	22,518	43,407

Based on 1989 Classification Survey Data

Hourly Vehicular Volumes Westchester Avenue Bridge - 2007

	<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	---	---	---	---	---	251	---	---	---	---	---	194	445
1-2am	---	---	---	---	---	155	---	---	---	---	---	130	285
2-3am	---	---	---	---	---	108	---	---	---	---	---	91	199
3-4am	---	---	---	---	---	93	---	---	---	---	---	79	172
4-5am	---	---	---	---	---	109	---	---	---	---	---	92	201
5-6am	---	---	---	---	---	185	---	---	---	---	---	176	361
6-7am	---	---	---	---	---	418	---	---	---	---	---	446	864
7-8am	589	36	17	26	23	691	808	37	1	22	58	926 **	1,617
8-9am	656	55	8	26	25	770	781	42	1	31	45	900	1,670
9-10am	630	32	14	14	19	709	538	14	0	24	52	628	1,337
10-11am	612	32	4	10	14	672	501	16	0	11	8	536	1,208
11-12am	585	27	8	33	40	693	445	15	0	35	53	548	1,241
12-1pm	706	22	2	8	15	753	569	22	0	27	27	645	1,398
1-2pm	702	42	8	16	16	784	599	22	0	12	27	660	1,444
2-3pm	726	53	6	32	47	864	602	31	0	21	45	699	1,563
3-4pm	823	63	1	14	10	911	649	24	0	13	16	702	1,613
4-5pm	845	34	20	19	17	935	685	32	0	22	42	781	1,716
5-6pm	874	20	11	19	30	954 **	682	19	0	21	71	793	1,747
6-7pm	865	28	2	9	38	942	599	9	0	2	62	672	1,614
7-8pm	---	---	---	---	---	855	---	---	---	---	---	650	1,505
8-9pm	---	---	---	---	---	690	---	---	---	---	---	539	1,229
9-10pm	---	---	---	---	---	577	---	---	---	---	---	407	984
10-11pm	---	---	---	---	---	462	---	---	---	---	---	338	800
11-12pm	---	---	---	---	---	372	---	---	---	---	---	261	633
Totals	---	---	---	---	---	13,953	---	---	---	---	---	11,893	25,846
7-10am	1,875	123	39	66	67	2,170	2,127	93	2	77	155	2,454	4,624
10am-1pm	1,903	81	14	51	69	2,118	1,515	53	0	73	88	1,729	3,847
1-4pm	2,251	158	15	62	73	2,559	1,850	77	0	46	88	2,061	4,620
4-7pm	2,584	82	33	47	85	2,831	1,966	60	0	45	175	2,246	5,077
7am-7pm	8,613	444	101	226	294	9,678	7,458	283	2	241	506	8,490	18,168

Based on 1989 Classification Survey Data

***Brooklyn
Bridges***

Brooklyn Bridges
Average Daily Traffic Volumes
1948 - 2007

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	Closed	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	Closed	31,998	48,274	35,372	114,876
1987	Closed	30,134	43,715	34,830	122,013
1988	Closed	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
2006	1,068	35,398	55,526	38,130	143,917
2007	1,116	36,395	54,632	37,332	148,802

Brooklyn Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2007

Year	Ninth Street	Stillwell Avenue	Third Avenue	Third Street	Union Street	Totals
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
2006	11,143	11,158	18,403	9,487	4,390	328,620
2007	11,903	10,085	19,410	9,937	4,343	333,955

Hourly Vehicular Volumes Carroll Street Bridge - 2007

	<i>Eastbound</i>						<i>Westbound</i>						Grand Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	12							12
1-2am	---	---	---	---	---	10							10
2-3am	---	---	---	---	---	7							7
3-4am	---	---	---	---	---	4							4
4-5am	---	---	---	---	---	6							6
5-6am	---	---	---	---	---	9							9
6-7am	---	---	---	---	---	23							23
7-8am	17	0	9	12	9	47							47
8-9am	21	2	7	21	18	69							69
9-10am	18	0	6	19	8	51							51
10-11am	24	0	0	15	10	49							49
11-12am	21	0	6	16	14	57							57
12-1pm	11	0	12	18	20	61							61
1-2pm	21	0	10	12	28	71							71
2-3pm	2	0	15	36	19	72							72
3-4pm	72	0	2	8	6	88							88
4-5pm	86	0	4	9	14	113							113
5-6pm	92	0	9	5	9	115 **							115 **
6-7pm	63	0	4	1	4	72							72
7-8pm	---	---	---	---	---	52							52
8-9pm	---	---	---	---	---	40							40
9-10pm	---	---	---	---	---	32							32
10-11pm	---	---	---	---	---	31							31
11-12pm	---	---	---	---	---	25							25
Totals	---	---	---	---	---	1,116	---	---	---	---	---	---	1,116
7-10am	56	2	22	52	35	167	---	---	---	---	---	---	167
10am-1pm	56	0	18	49	44	167	---	---	---	---	---	---	167
1-4pm	95	0	27	56	53	231	---	---	---	---	---	---	231
4-7pm	241	0	17	15	27	300	---	---	---	---	---	---	300
7am-7pm	448	2	84	172	159	865	---	---	---	---	---	---	865

Bridge is 1-way eastbound

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Cropsey Avenue Bridge - 2007

	<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	---	---	---	---	---	207	---	---	---	---	---	242	449
1-2am	---	---	---	---	---	124	---	---	---	---	---	144	268
2-3am	---	---	---	---	---	104	---	---	---	---	---	105	209
3-4am	---	---	---	---	---	87	---	---	---	---	---	116	203
4-5am	---	---	---	---	---	140	---	---	---	---	---	238	378
5-6am	---	---	---	---	---	405	---	---	---	---	---	594	999
6-7am	---	---	---	---	---	782	---	---	---	---	---	889	1,671
7-8am	915	81	2	48	90	1,136	1,096	117	0	64	45	1,322 **	2,458
8-9am	956	63	3	58	65	1,145	965	78	2	53	38	1,136	2,281
9-10am	772	51	1	51	91	966	730	87	4	52	71	944	1,910
10-11am	769	43	0	27	38	877	802	27	0	36	41	906	1,783
11-12am	781	27	0	72	64	944	747	28	1	78	84	938	1,882
12-1pm	874	47	0	33	42	996	922	32	0	29	24	1,007	2,003
1-2pm	883	66	0	33	46	1,028	940	36	1	24	41	1,042	2,070
2-3pm	917	88	3	70	83	1,161	968	55	0	65	80	1,168	2,329
3-4pm	1,132	106	1	37	46	1,322 **	991	78	2	26	55	1,152	2,474 **
4-5pm	1,041	47	0	63	78	1,229	1,014	57	0	28	95	1,194	2,423
5-6pm	1,014	13	0	64	77	1,168	950	20	9	44	98	1,121	2,289
6-7pm	870	22	0	36	47	975	1,004	8	0	16	73	1,101	2,076
7-8pm	---	---	---	---	---	867	---	---	---	---	---	973	1,840
8-9pm	---	---	---	---	---	712	---	---	---	---	---	808	1,520
9-10pm	---	---	---	---	---	605	---	---	---	---	---	645	1,250
10-11pm	---	---	---	---	---	436	---	---	---	---	---	514	950
11-12pm	---	---	---	---	---	309	---	---	---	---	---	371	680
Totals	---	---	---	---	---	17,725	---	---	---	---	---	18,670	36,395
7-10am	2,643	195	6	157	246	3,247	2,791	282	6	169	154	3,402	6,649
10am-1pm	2,424	117	0	132	144	2,817	2,471	87	1	143	149	2,851	5,668
1-4pm	2,932	260	4	140	175	3,511	2,899	169	3	115	176	3,362	6,873
4-7pm	2,925	82	0	163	202	3,372	2,968	85	9	88	266	3,416	6,788
7am-7pm	10,924	654	10	592	767	12,947	11,129	623	19	515	745	13,031	25,978

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Hamilton Avenue Bridge - 2007

	<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	---	---	---	---	---	285	---	---	---	---	---	264	549
1-2am	---	---	---	---	---	186	---	---	---	---	---	148	334
2-3am	---	---	---	---	---	145	---	---	---	---	---	95	240
3-4am	---	---	---	---	---	161	---	---	---	---	---	72	233
4-5am	---	---	---	---	---	329	---	---	---	---	---	210	539
5-6am	---	---	---	---	---	1,459	---	---	---	---	---	381	1,840
6-7am	---	---	---	---	---	2,816 **	---	---	---	---	---	883	3,699
7-8am	2,215	32	40	204	241	2,732	429	44	180	369	186	1,208	3,940 **
8-9am	1,891	11	35	211	252	2,400	698	40	67	279	158	1,242	3,642
9-10am	1,825	27	32	244	243	2,371	527	49	91	442	179	1,288	3,659
10-11am	1,549	12	14	120	113	1,808	844	31	50	179	99	1,203	3,011
11-12am	1,214	13	17	170	166	1,580	501	20	117	303	220	1,161	2,741
12-1pm	1,357	8	8	70	62	1,505	1,020	7	66	147	100	1,340	2,845
1-2pm	1,376	22	8	104	68	1,578	1,099	17	62	208	133	1,519	3,097
2-3pm	1,187	42	17	184	171	1,601	500	13	115	296	258	1,182	2,783
3-4pm	1,445	55	8	105	92	1,705	1,185	15	69	111	94	1,474	3,179
4-5pm	1,572	52	14	163	173	1,974	1,306	12	133	173	177	1,801	3,775
5-6pm	1,455	15	13	154	126	1,763	1,503	8	96	102	172	1,881 **	3,644
6-7pm	1,254	6	12	68	118	1,458	1,434	9	102	78	111	1,734	3,192
7-8pm	---	---	---	---	---	1,421	---	---	---	---	---	1,183	2,604
8-9pm	---	---	---	---	---	1,187	---	---	---	---	---	746	1,933
9-10pm	---	---	---	---	---	849	---	---	---	---	---	454	1,303
10-11pm	---	---	---	---	---	669	---	---	---	---	---	379	1,048
11-12pm	---	---	---	---	---	428	---	---	---	---	---	374	802
Totals	---	---	---	---	---	32,410	---	---	---	---	---	22,222	54,632
7-10am	5,931	70	107	659	736	7,503	1,654	133	338	1,090	523	3,738	11,241
10am-1pm	4,120	33	39	360	341	4,893	2,365	58	233	629	419	3,704	8,597
1-4pm	4,008	119	33	393	331	4,884	2,784	45	246	615	485	4,175	9,059
4-7pm	4,281	73	39	385	417	5,195	4,243	29	331	353	460	5,416	10,611
7am-7pm	18,340	295	218	1,797	1,825	22,475	11,046	265	1,148	2,687	1,887	17,033	39,508

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Metropolitan Avenue Bridge - 2007

	<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	---	---	---	---	---	368	---	---	---	---	---	186	554
1-2am	---	---	---	---	---	260	---	---	---	---	---	171	431
2-3am	---	---	---	---	---	182	---	---	---	---	---	149	331
3-4am	---	---	---	---	---	193	---	---	---	---	---	198	391
4-5am	---	---	---	---	---	267	---	---	---	---	---	246	513
5-6am	---	---	---	---	---	468	---	---	---	---	---	663	1,131
6-7am	---	---	---	---	---	663	---	---	---	---	---	1,637	2,300
7-8am	568	15	15	122	39	759	1,249	36	70	238	95	1,688	** 2,447
8-9am	562	17	23	181	90	873	1,000	16	46	255	107	1,424	2,297
9-10am	431	37	22	247	99	836	682	32	36	276	98	1,124	1,960
10-11am	715	8	11	100	38	872	818	18	25	94	32	987	1,859
11-12am	538	15	25	256	78	912	580	16	42	214	73	925	1,837
12-1pm	759	15	17	100	31	922	747	14	23	100	33	917	1,839
1-2pm	812	28	9	101	50	1,000	772	20	20	80	36	928	1,928
2-3pm	779	14	31	203	96	1,123	675	16	29	180	81	981	2,104
3-4pm	1,154	15	29	121	56	1,375	807	19	16	95	46	983	2,358
4-5pm	1,166	39	64	178	131	1,578	731	13	25	128	62	959	2,537
5-6pm	1,344	16	84	183	144	1,771	** 734	9	48	80	68	939	** 2,710
6-7pm	1,172	13	64	130	98	1,477	644	11	36	42	38	771	2,248
7-8pm	---	---	---	---	---	1,106	---	---	---	---	---	614	1,720
8-9pm	---	---	---	---	---	862	---	---	---	---	---	489	1,351
9-10pm	---	---	---	---	---	609	---	---	---	---	---	402	1,011
10-11pm	---	---	---	---	---	516	---	---	---	---	---	316	832
11-12pm	---	---	---	---	---	409	---	---	---	---	---	234	643
Totals	---	---	---	---	---	19,401	---	---	---	---	---	17,931	37,332
7-10am	1,561	69	60	550	228	2,468	2,931	84	152	769	300	4,236	6,704
10am-1pm	2,012	38	53	456	147	2,706	2,145	48	90	408	138	2,829	5,535
1-4pm	2,745	57	69	425	202	3,498	2,254	55	65	355	163	2,892	6,390
4-7pm	3,682	68	212	491	373	4,826	2,109	33	109	250	168	2,669	7,495
7am-7pm	10,000	232	394	1,922	950	13,498	9,439	220	416	1,782	769	12,626	26,124

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Mill Basin Bridge - 2007

	<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	---	---	---	---	---	1,278	---	---	---	---	---	1,216	2,494
1-2am	---	---	---	---	---	708	---	---	---	---	---	661	1,369
2-3am	---	---	---	---	---	467	---	---	---	---	---	438	905
3-4am	---	---	---	---	---	431	---	---	---	---	---	362	793
4-5am	---	---	---	---	---	737	---	---	---	---	---	592	1,329
5-6am	---	---	---	---	---	2,157	---	---	---	---	---	1,773	3,930
6-7am	---	---	---	---	---	4,138	---	---	---	---	---	3,804	7,942
7-8am	4,487	63	23	5	244	4,822 **	4,133	19	0	129	157	4,438	9,260
8-9am	4,511	18	16	17	206	4,768	3,833	49	0	111	196	4,189	8,957
9-10am	3,763	10	18	25	269	4,085	3,700	72	1	112	191	4,076	8,161
10-11am	3,411	8	12	14	93	3,538	3,485	18	0	37	63	3,603	7,141
11-12am	3,020	5	66	31	294	3,416	3,138	0	5	166	165	3,474	6,890
12-1pm	3,458	5	21	15	120	3,619	3,018	0	0	70	116	3,204	6,823
1-2pm	3,590	99	15	13	119	3,836	3,594	11	0	40	83	3,728	7,564
2-3pm	3,860	40	26	16	315	4,257	3,743	7	0	114	174	4,038	8,295
3-4pm	4,354	25	16	6	157	4,558	4,329	78	0	85	119	4,611	9,169
4-5pm	4,258	14	41	7	255	4,575	4,384	43	2	137	207	4,773 **	9,348 **
5-6pm	4,346	6	19	15	210	4,596	4,103	31	3	132	164	4,433	9,029
6-7pm	4,057	4	16	5	207	4,289	4,110	3	1	109	159	4,382	8,671
7-8pm	---	---	---	---	---	3,760	---	---	---	---	---	3,918	7,678
8-9pm	---	---	---	---	---	3,447	---	---	---	---	---	3,535	6,982
9-10pm	---	---	---	---	---	3,091	---	---	---	---	---	3,267	6,358
10-11pm	---	---	---	---	---	2,619	---	---	---	---	---	2,793	5,412
11-12pm	---	---	---	---	---	2,083	---	---	---	---	---	2,219	4,302
Totals	---	---	---	---	---	75,275	---	---	---	---	---	73,527	148,802
7-10am	12,761	91	57	47	719	13,675	11,666	140	1	352	544	12,703	26,378
10am-1pm	9,889	18	99	60	507	10,573	9,641	18	5	273	344	10,281	20,854
1-4pm	11,804	164	57	35	591	12,651	11,666	96	0	239	376	12,377	25,028
4-7pm	12,661	24	76	27	672	13,460	12,597	77	6	378	530	13,588	27,048
7am-7pm	47,115	297	289	169	2,489	50,359	45,570	331	12	1,242	1,794	48,949	99,308

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Ninth Street Bridge - 2007

	<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	---	---	---	---	---	59	---	---	---	---	---	76	135
1-2am	---	---	---	---	---	38	---	---	---	---	---	48	86
2-3am	---	---	---	---	---	28	---	---	---	---	---	46	74
3-4am	---	---	---	---	---	28	---	---	---	---	---	48	76
4-5am	---	---	---	---	---	41	---	---	---	---	---	95	136
5-6am	---	---	---	---	---	68	---	---	---	---	---	214	282
6-7am	---	---	---	---	---	137	---	---	---	---	---	373	510
7-8am	117	16	4	13	9	159	424	11	0	48	41	524	683
8-9am	124	17	7	38	12	198	501	5	0	52	41	599	797
9-10am	136	16	3	40	18	213	451	11	0	46	29	537	750
10-11am	178	17	4	19	11	229	509	12	0	23	19	563	792
11-12am	164	15	11	47	11	248	338	37	0	113	51	539	787
12-1pm	173	11	10	22	10	226	365	39	0	102	49	555	781
1-2pm	123	15	16	85	16	255	466	11	62	39	39	617	872
2-3pm	158	17	12	52	20	259	393	22	19	43	32	509	768
3-4pm	213	13	2	20	14	262	413	24	0	36	21	494	756
4-5pm	204	12	5	30	20	271	388	17	0	61	38	504	775
5-6pm	201	17	1	30	11	260	419	28	0	28	20	495	755
6-7pm	137	13	1	35	14	200	306	10	0	14	9	339	539
7-8pm	---	---	---	---	---	175	---	---	---	---	---	257	432
8-9pm	---	---	---	---	---	155	---	---	---	---	---	201	356
9-10pm	---	---	---	---	---	117	---	---	---	---	---	167	284
10-11pm	---	---	---	---	---	114	---	---	---	---	---	154	268
11-12pm	---	---	---	---	---	81	---	---	---	---	---	128	209
Totals	---	---	---	---	---	3,821	---	---	---	---	---	8,082	11,903
7-10am	377	49	14	91	39	570	1,376	27	0	146	111	1,660	2,230
10am-1pm	515	43	25	88	32	703	1,212	88	0	238	119	1,657	2,360
1-4pm	494	45	30	157	50	776	1,272	57	81	118	92	1,620	2,396
4-7pm	542	42	7	95	45	731	1,113	55	0	103	67	1,338	2,069
7am-7pm	1,928	179	76	431	166	2,780	4,973	227	81	605	389	6,275	9,055

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Stillwell Avenue Bridge - 2007

	<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	---	---	---	---	---	47	---	---	---	---	---	53	100
1-2am	---	---	---	---	---	30	---	---	---	---	---	36	66
2-3am	---	---	---	---	---	26	---	---	---	---	---	26	52
3-4am	---	---	---	---	---	20	---	---	---	---	---	22	42
4-5am	---	---	---	---	---	18	---	---	---	---	---	36	54
5-6am	---	---	---	---	---	73	---	---	---	---	---	131	204
6-7am	---	---	---	---	---	149	---	---	---	---	---	204	353
7-8am	244	23	0	40	0	307	236	52	0	17	0	305	612
8-9am	214	29	0	40	0	283	283	37	0	22	0	342	625
9-10am	188	29	0	34	0	251	196	18	0	86	0	300	551
10-11am	193	30	0	47	0	270	218	23	0	61	0	302	572
11-12am	220	12	0	61	0	293	250	15	0	46	0	311	604
12-1pm	220	15	0	80	0	315	278	20	0	48	0	346	661
1-2pm	220	25	0	82	0	327	242	21	0	70	0	333	660
2-3pm	258	31	0	71	0	360	254	30	0	106	0	390	750
3-4pm	315	43	0	50	0	408	300	19	0	49	0	368	776
4-5pm	286	38	0	46	0	370	301	22	0	48	0	371	741
5-6pm	312	24	0	22	0	358	314	19	0	35	0	368	726
6-7pm	243	26	0	12	0	281	275	26	0	13	0	314	595
7-8pm	---	---	---	---	---	202	---	---	---	---	---	236	438
8-9pm	---	---	---	---	---	147	---	---	---	---	---	172	319
9-10pm	---	---	---	---	---	110	---	---	---	---	---	147	257
10-11pm	---	---	---	---	---	74	---	---	---	---	---	110	184
11-12pm	---	---	---	---	---	66	---	---	---	---	---	77	143
Totals	---	---	---	---	---	4,785	---	---	---	---	---	5,300	10,085
7-10am	646	81	0	114	0	841	715	107	0	125	0	947	1,788
10am-1pm	633	57	0	188	0	878	746	58	0	155	0	959	1,837
1-4pm	793	99	0	203	0	1,095	796	70	0	225	0	1,091	2,186
4-7pm	841	88	0	80	0	1,009	890	67	0	96	0	1,053	2,062
7am-7pm	2,913	325	0	585	0	3,823	3,147	302	0	601	0	4,050	7,873

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Third Avenue Bridge - 2007

	<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	---	---	---	---	---	70	---	---	---	---	---	154	224
1-2am	---	---	---	---	---	45	---	---	---	---	---	72	117
2-3am	---	---	---	---	---	43	---	---	---	---	---	57	100
3-4am	---	---	---	---	---	43	---	---	---	---	---	48	91
4-5am	---	---	---	---	---	83	---	---	---	---	---	64	147
5-6am	---	---	---	---	---	262	---	---	---	---	---	98	360
6-7am	---	---	---	---	---	710	---	---	---	---	---	217	927
7-8am	694	13	0	98	72	877	258	7	0	47	36	348	1,225
8-9am	802	11	0	83	72	968 **	295	12	0	66	35	408	1,376
9-10am	442	9	0	148	101	700	292	8	2	69	46	417	1,117
10-11am	452	9	0	33	29	523	380	5	1	38	29	453	976
11-12am	420	8	1	90	55	574	392	6	0	74	51	523	1,097
12-1pm	499	3	0	31	22	555	479	4	1	30	27	541	1,096
1-2pm	426	8	0	60	44	538	501	6	0	39	33	579	1,117
2-3pm	376	16	0	109	79	580	438	7	0	97	57	599	1,179
3-4pm	472	13	0	45	39	569	691	7	0	27	35	760	1,329
4-5pm	456	8	0	58	63	585	662	8	0	68	79	817	1,402
5-6pm	501	6	0	26	40	573	759	4	0	49	64	876 **	1,449 **
6-7pm	357	8	0	28	19	412	687	6	0	49	65	807	1,219
7-8pm	---	---	---	---	---	315	---	---	---	---	---	631	946
8-9pm	---	---	---	---	---	224	---	---	---	---	---	471	695
9-10pm	---	---	---	---	---	161	---	---	---	---	---	341	502
10-11pm	---	---	---	---	---	135	---	---	---	---	---	245	380
11-12pm	---	---	---	---	---	109	---	---	---	---	---	230	339
Totals	---	---	---	---	---	9,654	---	---	---	---	---	9,756	19,410
7-10am	1,938	33	0	329	245	2,545	845	27	2	182	117	1,173	3,718
10am-1pm	1,371	20	1	154	106	1,652	1,251	15	2	142	107	1,517	3,169
1-4pm	1,274	37	0	214	162	1,687	1,630	20	0	163	125	1,938	3,625
4-7pm	1,314	22	0	112	122	1,570	2,108	18	0	166	208	2,500	4,070
7am-7pm	5,897	112	1	809	635	7,454	5,834	80	4	653	557	7,128	14,582

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Third Street Bridge - 2007

	<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	---	---	---	---	---	29	---	---	---	---	---	38	67
1-2am	---	---	---	---	---	15	---	---	---	---	---	26	41
2-3am	---	---	---	---	---	8	---	---	---	---	---	20	28
3-4am	---	---	---	---	---	10	---	---	---	---	---	19	29
4-5am	---	---	---	---	---	13	---	---	---	---	---	26	39
5-6am	---	---	---	---	---	27	---	---	---	---	---	105	132
6-7am	---	---	---	---	---	85	---	---	---	---	---	262	347
7-8am	120	5	0	15	12	152	539	12	6	32	44	633	785
8-9am	179	0	0	17	13	209	740	9	4	39	60	852	1,061
9-10am	144	0	0	20	26	190	447	1	1	41	47	537	727
10-11am	184	0	0	8	8	200	298	0	0	24	23	345	545
11-12am	195	0	2	32	12	241	239	3	2	65	56	365	606
12-1pm	197	0	0	9	11	217	326	4	0	27	16	373	590
1-2pm	206	0	0	0	8	214	300	12	14	24	21	371	585
2-3pm	202	0	0	14	9	225	264	8	40	60	22	394	619
3-4pm	278	10	0	10	4	302	344	12	18	24	12	410	712
4-5pm	301	0	0	11	22	334	280	3	21	38	14	356	690
5-6pm	322	0	0	14	27	363	263	3	15	28	0	309	672
6-7pm	253	0	0	7	2	262	214	4	22	17	2	259	521
7-8pm	---	---	---	---	---	173	---	---	---	---	---	200	373
8-9pm	---	---	---	---	---	115	---	---	---	---	---	151	266
9-10pm	---	---	---	---	---	86	---	---	---	---	---	128	214
10-11pm	---	---	---	---	---	59	---	---	---	---	---	98	157
11-12pm	---	---	---	---	---	53	---	---	---	---	---	78	131
Totals	---	---	---	---	---	3,582	---	---	---	---	---	6,355	9,937
7-10am	443	5	0	52	51	551	1,726	22	11	112	151	2,022	2,573
10am-1pm	576	0	2	49	31	658	863	7	2	116	95	1,083	1,741
1-4pm	686	10	0	24	21	741	908	32	72	108	55	1,175	1,916
4-7pm	876	0	0	32	51	959	757	10	58	83	16	924	1,883
7am-7pm	2,581	15	2	157	154	2,909	4,254	71	143	419	317	5,204	8,113

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Union Street Bridge - 2007

	<i>Eastbound</i>						<i>Westbound</i>						Grand Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	68							68
1-2am	---	---	---	---	---	38							38
2-3am	---	---	---	---	---	21							21
3-4am	---	---	---	---	---	17							17
4-5am	---	---	---	---	---	18							18
5-6am	---	---	---	---	---	31							31
6-7am	---	---	---	---	---	69							69
7-8am	105	6	0	10	11	132							132
8-9am	172	8	0	23	21	224							224
9-10am	160	4	0	17	34	215							215
10-11am	196	4	0	7	9	216							216
11-12am	198	2	0	22	24	246							246
12-1pm	228	2	0	11	21	262							262
1-2pm	226	5	0	14	14	259							259
2-3pm	225	4	0	41	30	300							300
3-4pm	304	3	0	15	12	334							334
4-5pm	322	2	0	21	27	372 **							372 **
5-6pm	336	1	0	7	18	362							362
6-7pm	294	1	0	16	22	333							333
7-8pm	---	---	---	---	---	253							253
8-9pm	---	---	---	---	---	188							188
9-10pm	---	---	---	---	---	158							158
10-11pm	---	---	---	---	---	122							122
11-12pm	---	---	---	---	---	105							105
Totals	---	---	---	---	---	4,343	---	---	---	---	---	---	4,343
7-10am	437	18	0	50	66	571	---	---	---	---	---	---	571
10am-1pm	622	8	0	40	54	724	---	---	---	---	---	---	724
1-4pm	755	12	0	70	56	893	---	---	---	---	---	---	893
4-7pm	952	4	0	44	67	1,067	---	---	---	---	---	---	1,067
7am-7pm	2,766	42	0	204	243	3,255	---	---	---	---	---	---	3,255

Bridge is 1-way eastbound

Based on 1989 Classification Survey Data

** Peak Volumes

Queens Bridges

Queens Bridges
Average Daily Traffic Volumes
1948 - 2007

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
2006	16,157	61,143	73,767	7,262	48,345	83,379
2007	15,747	57,437	77,759	7,705	48,208	85,997

Queens Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2007

Year	North Channel	Rikers Island	Roosevelt Avenue	Roosevelt Island	Whitestone Expressway	Totals
1948	8,521		14,044		27,290	147,106
1949	8,855	Bridge opened	18,907	Bridge opened	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
2006	23,254	13,146	19,420	9,685	197,084	552,642
2007	24,433	13,496	18,975	9,895	202,410	562,062

Hourly Vehicular Volumes Borden Avenue Bridge - 2007

	<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	---	---	---	---	---	50	---	---	---	---	---	99	149
1-2am	---	---	---	---	---	31	---	---	---	---	---	72	103
2-3am	---	---	---	---	---	29	---	---	---	---	---	77	106
3-4am	---	---	---	---	---	32	---	---	---	---	---	112	144
4-5am	---	---	---	---	---	29	---	---	---	---	---	206	235
5-6am	---	---	---	---	---	62	---	---	---	---	---	673	735
6-7am	---	---	---	---	---	146	---	---	---	---	---	1,048 **	1,194 **
7-8am	104	7	4	48	25	188	739	15	28	92	94	968	1,156
8-9am	100	6	5	64	31	206	816	9	12	78	34	949	1,155
9-10am	105	7	3	70	39	224	610	5	11	99	63	788	1,012
10-11am	158	4	8	42	19	231	583	10	5	52	16	666	897
11-12am	116	4	3	86	37	246	436	8	9	128	48	629	875
12-1pm	196	5	3	35	18	257	529	6	5	63	19	622	879
1-2pm	206	2	3	42	20	273	478	6	5	65	40	594	867
2-3pm	157	2	21	89	41	310	436	12	10	116	40	614	924
3-4pm	317	4	11	33	13	378	486	38	4	40	19	587	965
4-5pm	300	7	19	39	29	394	425	38	11	74	20	568	962
5-6pm	368	4	12	52	25	461 **	435	19	7	25	21	507	968
6-7pm	202	1	13	37	25	278	329	13	10	27	16	395	673
7-8pm	---	---	---	---	---	160	---	---	---	---	---	316	476
8-9pm	---	---	---	---	---	116	---	---	---	---	---	270	386
9-10pm	---	---	---	---	---	79	---	---	---	---	---	255	334
10-11pm	---	---	---	---	---	80	---	---	---	---	---	221	301
11-12pm	---	---	---	---	---	102	---	---	---	---	---	149	251
Totals	---	---	---	---	---	4,362	---	---	---	---	---	11,385	15,747
7-10am	309	20	12	182	95	618	2,165	29	51	269	191	2,705	3,323
10am-1pm	470	13	14	163	74	734	1,548	24	19	243	83	1,917	2,651
1-4pm	680	8	35	164	74	961	1,400	56	19	221	99	1,795	2,756
4-7pm	870	12	44	128	79	1,133	1,189	70	28	126	57	1,470	2,603
7am-7pm	2,329	53	105	637	322	3,446	6,302	179	117	859	430	7,887	11,333

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Flushing Bridge - 2007

	<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	---	---	---	---	---	423	---	---	---	---	---	384	807
1-2am	---	---	---	---	---	299	---	---	---	---	---	242	541
2-3am	---	---	---	---	---	209	---	---	---	---	---	222	431
3-4am	---	---	---	---	---	155	---	---	---	---	---	204	359
4-5am	---	---	---	---	---	202	---	---	---	---	---	301	503
5-6am	---	---	---	---	---	375	---	---	---	---	---	746	1,121
6-7am	---	---	---	---	---	795	---	---	---	---	---	1,777	2,572
7-8am	972	43	7	84	116	1,222	2,192	13	55	104	240	2,604	** 3,826
8-9am	1,202	29	18	115	133	1,497	1,957	23	49	128	258	2,415	** 3,912
9-10am	1,182	13	30	128	93	1,446	1,394	10	56	143	233	1,836	3,282
10-11am	1,250	16	18	64	77	1,425	1,422	12	15	71	83	1,603	3,028
11-12am	1,127	7	43	111	190	1,478	1,200	2	23	113	145	1,483	2,961
12-1pm	1,319	7	23	54	84	1,487	1,338	6	6	70	85	1,505	2,992
1-2pm	1,280	18	15	59	121	1,493	1,425	13	22	65	40	1,565	3,058
2-3pm	1,211	27	32	129	321	1,720	1,294	20	52	100	90	1,556	3,276
3-4pm	1,550	18	16	48	171	1,803	1,476	28	20	48	42	1,614	3,417
4-5pm	1,575	14	29	62	280	1,960	1,375	11	30	56	84	1,556	3,516
5-6pm	1,690	13	15	49	248	2,015	** 1,375	6	45	50	88	1,564	3,579
6-7pm	1,576	8	9	33	191	1,817	1,389	7	15	36	49	1,496	3,313
7-8pm	---	---	---	---	---	1,656	---	---	---	---	---	1,362	3,018
8-9pm	---	---	---	---	---	1,235	---	---	---	---	---	1,271	2,506
9-10pm	---	---	---	---	---	1,078	---	---	---	---	---	1,089	2,167
10-11pm	---	---	---	---	---	983	---	---	---	---	---	939	1,922
11-12pm	---	---	---	---	---	632	---	---	---	---	---	698	1,330
Totals	---	---	---	---	---	27,405	---	---	---	---	---	30,032	57,437
7-10am	3,356	85	55	327	342	4,165	5,543	46	160	375	731	6,855	11,020
10am-1pm	3,696	30	84	229	351	4,390	3,960	20	44	254	313	4,591	8,981
1-4pm	4,041	63	63	236	613	5,016	4,195	61	94	213	172	4,735	9,751
4-7pm	4,841	35	53	144	719	5,792	4,139	24	90	142	221	4,616	10,408
7am-7pm	15,934	213	255	936	2,025	19,363	17,837	151	388	984	1,437	20,797	40,160

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Hook Creek Bridge - 2007

	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	---	---	---	---	---	668	---	---	---	---	---	568	1,236
1-2am	---	---	---	---	---	351	---	---	---	---	---	286	637
2-3am	---	---	---	---	---	226	---	---	---	---	---	211	437
3-4am	---	---	---	---	---	177	---	---	---	---	---	185	362
4-5am	---	---	---	---	---	277	---	---	---	---	---	307	584
5-6am	---	---	---	---	---	442	---	---	---	---	---	492	934
6-7am	---	---	---	---	---	1,218	---	---	---	---	---	1,206	2,424
7-8am	1,802	13	44	56	31	1,946	1,624	14	147	147	108	2,040	3,986
8-9am	1,998	16	74	107	62	2,257	1,937	10	147	170	97	2,361	4,618
9-10am	1,715	6	59	131	64	1,975	1,750	8	87	139	90	2,074	4,049
10-11am	1,685	2	12	48	40	1,787	1,735	2	12	59	50	1,858	3,645
11-12am	1,594	9	43	180	83	1,909	1,661	2	14	106	86	1,869	3,778
12-1pm	2,010	10	28	63	22	2,133	1,927	0	12	45	27	2,011	4,144
1-2pm	1,929	14	43	74	54	2,114	1,830	6	64	125	52	2,077	4,191
2-3pm	2,109	18	52	93	84	2,356	1,986	3	33	93	78	2,193	4,549
3-4pm	2,561	41	13	32	19	2,666	2,398	3	20	38	44	2,503	5,169
4-5pm	2,513	13	31	53	41	2,651	2,365	3	41	55	64	2,528	5,179
5-6pm	2,533	15	47	49	103	2,747 **	2,447	7	58	40	75	2,627 **	5,374 **
6-7pm	2,603	16	59	32	26	2,736	2,480	4	51	36	26	2,597	5,333
7-8pm	---	---	---	---	---	2,492	---	---	---	---	---	2,289	4,781
8-9pm	---	---	---	---	---	2,167	---	---	---	---	---	1,964	4,131
9-10pm	---	---	---	---	---	1,701	---	---	---	---	---	1,613	3,314
10-11pm	---	---	---	---	---	1,425	---	---	---	---	---	1,355	2,780
11-12pm	---	---	---	---	---	1,045	---	---	---	---	---	1,079	2,124
Totals	---	---	---	---	---	39,466	---	---	---	---	---	38,293	77,759
7-10am	5,515	35	177	294	157	6,178	5,311	32	381	456	295	6,475	12,653
10am-1pm	5,289	21	83	291	145	5,829	5,323	4	38	210	163	5,738	11,567
1-4pm	6,599	73	108	199	157	7,136	6,214	12	117	256	174	6,773	13,909
4-7pm	7,649	44	137	134	170	8,134	7,292	14	150	131	165	7,752	15,886
7am-7pm	25,052	173	505	918	629	27,277	24,140	62	686	1,053	797	26,738	54,015

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Hunters Point Bridge - 2007

	<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	---	---	---	---	---	39	---	---	---	---	---	35	74
1-2am	---	---	---	---	---	19	---	---	---	---	---	21	40
2-3am	---	---	---	---	---	17	---	---	---	---	---	20	37
3-4am	---	---	---	---	---	22	---	---	---	---	---	30	52
4-5am	---	---	---	---	---	20	---	---	---	---	---	81	101
5-6am	---	---	---	---	---	47	---	---	---	---	---	198	245
6-7am	---	---	---	---	---	116	---	---	---	---	---	398	514
7-8am	106	0	15	16	12	149	337	1	19	30	66	453 **	602 **
8-9am	95	0	6	25	43	169	349	0	7	28	30	414	583
9-10am	110	0	2	30	36	178	247	0	3	46	51	347	525
10-11am	143	0	5	20	6	174	285	0	2	31	20	338	512
11-12am	105	1	8	30	23	167	203	0	2	49	30	284	451
12-1pm	141	0	7	22	22	192	196	0	1	29	19	245	437
1-2pm	145	0	11	21	24	201	186	3	3	20	22	234	435
2-3pm	135	0	20	37	37	229	192	9	2	33	32	268	497
3-4pm	221	0	9	24	8	262 **	259	4	1	9	4	277	539
4-5pm	177	0	14	19	34	244	176	38	2	9	27	252	496
5-6pm	209	0	12	2	23	246	183	10	1	14	15	223	469
6-7pm	155	1	3	7	19	185	128	3	2	5	12	150	335
7-8pm	---	---	---	---	---	105	---	---	---	---	---	89	194
8-9pm	---	---	---	---	---	70	---	---	---	---	---	83	153
9-10pm	---	---	---	---	---	60	---	---	---	---	---	72	132
10-11pm	---	---	---	---	---	64	---	---	---	---	---	71	135
11-12pm	---	---	---	---	---	63	---	---	---	---	---	84	147
Totals	---	---	---	---	---	3,038	---	---	---	---	---	4,667	7,705
7-10am	311	0	23	71	91	496	933	1	29	104	147	1,214	1,710
10am-1pm	389	1	20	72	51	533	684	0	5	109	69	867	1,400
1-4pm	501	0	40	82	69	692	637	16	6	62	58	779	1,471
4-7pm	541	1	29	28	76	675	487	51	5	28	54	625	1,300
7am-7pm	1,742	2	112	253	287	2,396	2,741	68	45	303	328	3,485	5,881

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Little Neck Bridge - 2007

	<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	---	---	---	---	---	185	---	---	---	---	---	129	314
1-2am	---	---	---	---	---	99	---	---	---	---	---	63	162
2-3am	---	---	---	---	---	56	---	---	---	---	---	43	99
3-4am	---	---	---	---	---	45	---	---	---	---	---	38	83
4-5am	---	---	---	---	---	55	---	---	---	---	---	85	140
5-6am	---	---	---	---	---	188	---	---	---	---	---	362	550
6-7am	---	---	---	---	---	477	---	---	---	---	---	1,350	1,827
7-8am	1,049	34	59	91	56	1,289	1,844	76	6	37	95	2,058	** 3,347
8-9am	1,546	24	72	65	48	1,755	1,606	44	2	33	69	1,754	3,509
9-10am	1,143	17	51	63	23	1,297	1,319	8	0	38	72	1,437	2,734
10-11am	1,060	8	26	41	27	1,162	1,169	10	0	25	32	1,236	2,398
11-12am	1,026	12	26	59	48	1,171	1,095	7	0	68	57	1,227	2,398
12-1pm	1,141	13	9	40	12	1,215	1,166	10	0	27	44	1,247	2,462
1-2pm	1,186	9	21	32	33	1,281	1,214	3	0	22	34	1,273	2,554
2-3pm	1,211	15	59	79	59	1,423	1,278	11	0	46	90	1,425	2,848
3-4pm	1,591	19	18	36	21	1,685	1,438	11	0	17	51	1,517	3,202
4-5pm	1,604	14	73	130	86	1,907	1,439	17	0	43	104	1,603	3,510
5-6pm	1,932	21	58	49	97	2,157	** 1,768	13	0	11	67	1,859	** 4,016
6-7pm	1,892	19	58	46	39	2,054	1,582	9	0	7	58	1,656	3,710
7-8pm	---	---	---	---	---	1,538	---	---	---	---	---	1,231	2,769
8-9pm	---	---	---	---	---	1,123	---	---	---	---	---	961	2,084
9-10pm	---	---	---	---	---	801	---	---	---	---	---	812	1,613
10-11pm	---	---	---	---	---	608	---	---	---	---	---	595	1,203
11-12pm	---	---	---	---	---	371	---	---	---	---	---	305	676
Totals	---	---	---	---	---	23,942	---	---	---	---	---	24,266	48,208
7-10am	3,738	75	182	219	127	4,341	4,769	128	8	108	236	5,249	9,590
10am-1pm	3,227	33	61	140	87	3,548	3,430	27	0	120	133	3,710	7,258
1-4pm	3,988	43	98	147	113	4,389	3,930	25	0	85	175	4,215	8,604
4-7pm	5,428	54	189	225	222	6,118	4,789	39	0	61	229	5,118	11,236
7am-7pm	16,381	205	530	731	549	18,396	16,918	219	8	374	773	18,292	36,688

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Midtown Highway Bridge - 2007

	<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	---	---	---	---	---	1,165	---	---	---	---	---	667	1,832
1-2am	---	---	---	---	---	619	---	---	---	---	---	322	941
2-3am	---	---	---	---	---	388	---	---	---	---	---	153	541
3-4am	---	---	---	---	---	314	---	---	---	---	---	160	474
4-5am	---	---	---	---	---	503	---	---	---	---	---	282	785
5-6am	---	---	---	---	---	996	---	---	---	---	---	1,059	2,055
6-7am	---	---	---	---	---	1,554	---	---	---	---	---	2,490	4,044
7-8am	1,415	72	15	139	91	1,732	2,638	144	67	118	260	3,227	4,959
8-9am	1,271	103	14	110	83	1,581	2,944	68	67	137	272	3,488	5,069
9-10am	1,177	127	11	138	94	1,547	2,439	72	105	171	243	3,030	4,577
10-11am	1,741	62	3	56	73	1,935	1,995	25	29	58	79	2,186	4,121
11-12am	1,791	49	7	118	107	2,072	1,834	17	102	114	127	2,194	4,266
12-1pm	2,090	28	21	84	90	2,313	1,781	8	60	68	60	1,977	4,290
1-2pm	2,138	36	79	170	282	2,705	1,527	19	120	130	122	1,918	4,623
2-3pm	2,648	16	67	159	209	3,099	1,560	75	93	131	105	1,964	5,063
3-4pm	2,832	28	32	54	120	3,066	1,812	71	73	57	81	2,094	5,160
4-5pm	2,517	22	72	91	291	2,993	1,716	178	144	49	160	2,247	5,240
5-6pm	2,577	22	20	50	231	2,900	1,899	97	109	100	105	2,310	5,210
6-7pm	2,482	9	27	58	147	2,723	1,787	27	52	48	55	1,969	4,692
7-8pm	---	---	---	---	---	2,311	---	---	---	---	---	1,745	4,056
8-9pm	---	---	---	---	---	2,361	---	---	---	---	---	1,460	3,821
9-10pm	---	---	---	---	---	2,409	---	---	---	---	---	1,286	3,695
10-11pm	---	---	---	---	---	2,244	---	---	---	---	---	1,314	3,558
11-12pm	---	---	---	---	---	1,871	---	---	---	---	---	1,054	2,925
Totals	---	---	---	---	---	45,401	---	---	---	---	---	40,596	85,997
7-10am	3,863	302	40	387	268	4,860	8,021	284	239	426	775	9,745	14,605
10am-1pm	5,622	139	31	258	270	6,320	5,610	50	191	240	266	6,357	12,677
1-4pm	7,618	80	178	383	611	8,870	4,899	165	286	318	308	5,976	14,846
4-7pm	7,576	53	119	199	669	8,616	5,402	302	305	197	320	6,526	15,142
7am-7pm	24,679	574	368	1,227	1,818	28,666	23,932	801	1,021	1,181	1,669	28,604	57,270

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes North Channel Bridge - 2007

	<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	---	---	---	---	---	99	---	---	---	---	---	194	293
1-2am	---	---	---	---	---	63	---	---	---	---	---	99	162
2-3am	---	---	---	---	---	56	---	---	---	---	---	63	119
3-4am	---	---	---	---	---	69	---	---	---	---	---	49	118
4-5am	---	---	---	---	---	179	---	---	---	---	---	60	239
5-6am	---	---	---	---	---	422	---	---	---	---	---	117	539
6-7am	---	---	---	---	---	942	---	---	---	---	---	403	1,345
7-8am	1,280	35	22	25	38	1,400 **	407	28	7	44	73	559	1,959 **
8-9am	925	31	21	44	72	1,093	396	28	1	43	66	534	1,627
9-10am	619	10	8	70	41	748	328	19	4	59	67	477	1,225
10-11am	551	11	8	28	9	607	408	12	0	20	32	472	1,079
11-12am	468	8	8	57	47	588	359	8	0	52	73	492	1,080
12-1pm	519	16	0	34	31	600	462	11	0	17	26	516	1,116
1-2pm	560	4	4	19	16	603	542	7	0	15	30	594	1,197
2-3pm	597	22	11	52	44	726	567	29	4	29	81	710	1,436
3-4pm	805	27	13	24	26	895	792	26	0	26	63	907	1,802
4-5pm	628	34	14	46	34	756	758	10	2	31	92	893	1,649
5-6pm	590	10	17	30	26	673	837	6	0	19	57	919	1,592
6-7pm	483	9	19	25	39	575	840	7	4	11	71	933 **	1,508
7-8pm	---	---	---	---	---	483	---	---	---	---	---	785	1,268
8-9pm	---	---	---	---	---	391	---	---	---	---	---	655	1,046
9-10pm	---	---	---	---	---	322	---	---	---	---	---	540	862
10-11pm	---	---	---	---	---	259	---	---	---	---	---	423	682
11-12pm	---	---	---	---	---	198	---	---	---	---	---	292	490
Totals	---	---	---	---	---	12,747	---	---	---	---	---	11,686	24,433
7-10am	2,824	76	51	139	151	3,241	1,131	75	12	146	206	1,570	4,811
10am-1pm	1,538	35	16	119	87	1,795	1,229	31	0	89	131	1,480	3,275
1-4pm	1,962	53	28	95	86	2,224	1,901	62	4	70	174	2,211	4,435
4-7pm	1,701	53	50	101	99	2,004	2,435	23	6	61	220	2,745	4,749
7am-7pm	8,025	217	145	454	423	9,264	6,696	191	22	366	731	8,006	17,270

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Rikers Island Bridge - 2007

	<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	---	---	---	---	---	34	---	---	---	---	---	308	342
1-2am	---	---	---	---	---	26	---	---	---	---	---	57	83
2-3am	---	---	---	---	---	26	---	---	---	---	---	29	55
3-4am	---	---	---	---	---	88	---	---	---	---	---	23	111
4-5am	---	---	---	---	---	257	---	---	---	---	---	47	304
5-6am	---	---	---	---	---	453	---	---	---	---	---	97	550
6-7am	---	---	---	---	---	885 **	---	---	---	---	---	447	1,332 **
7-8am	481	7	2	31	59	580	364	25	13	13	5	420	1,000
8-9am	343	7	1	20	28	399	350	19	22	29	11	431	830
9-10am	161	23	1	21	26	232	133	14	4	26	7	184	416
10-11am	163	13	0	17	19	212	156	16	4	13	2	191	403
11-12am	145	12	2	22	26	207	142	23	14	26	11	216	423
12-1pm	263	12	1	9	16	301	299	13	14	11	7	344	645
1-2pm	278	25	1	8	13	325	418	18	22	14	6	478	803
2-3pm	451	12	1	14	34	512	621	18	34	29	15	717	1,229
3-4pm	145	6	1	4	7	163	830	16	26	16	1	889 **	1,052
4-5pm	81	6	1	2	5	95	698	11	28	17	0	754	849
5-6pm	52	5	1	0	6	64	299	9	16	3	4	331	395
6-7pm	38	13	1	3	4	59	216	7	27	5	0	255	314
7-8pm	---	---	---	---	---	55	---	---	---	---	---	272	327
8-9pm	---	---	---	---	---	55	---	---	---	---	---	231	286
9-10pm	---	---	---	---	---	115	---	---	---	---	---	259	374
10-11pm	---	---	---	---	---	455	---	---	---	---	---	246	701
11-12pm	---	---	---	---	---	121	---	---	---	---	---	551	672
Totals	---	---	---	---	---	5,719	---	---	---	---	---	7,777	13,496
7-10am	985	37	4	72	113	1,211	847	58	39	68	23	1,035	2,246
10am-1pm	571	37	3	48	61	720	597	52	32	50	20	751	1,471
1-4pm	874	43	3	26	54	1,000	1,869	52	82	59	22	2,084	3,084
4-7pm	171	24	3	5	15	218	1,213	27	71	25	4	1,340	1,558
7am-7pm	2,601	141	13	151	243	3,149	4,526	189	224	202	69	5,210	8,359

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Roosevelt Avenue Bridge - 2007

	<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	---	---	---	---	---	117	---	---	---	---	---	108	225
1-2am	---	---	---	---	---	84	---	---	---	---	---	79	163
2-3am	---	---	---	---	---	54	---	---	---	---	---	56	110
3-4am	---	---	---	---	---	58	---	---	---	---	---	42	100
4-5am	---	---	---	---	---	93	---	---	---	---	---	66	159
5-6am	---	---	---	---	---	125	---	---	---	---	---	134	259
6-7am	---	---	---	---	---	258	---	---	---	---	---	339	597
7-8am	311	26	11	29	18	395	560	5	17	41	38	661	1,056
8-9am	367	15	10	37	40	469	721	21	12	24	38	816	1,285
9-10am	368	6	10	38	43	465	520	55	11	28	32	646	1,111
10-11am	416	6	10	20	25	477	548	9	3	21	8	589	1,066
11-12am	366	10	10	35	41	462	478	17	3	20	10	528	990
12-1pm	466	6	8	15	13	508	483	10	2	3	4	502	1,010
1-2pm	465	29	2	9	20	525	487	12	0	2	5	506	1,031
2-3pm	423	28	13	48	43	555	471	8	2	13	11	505	1,060
3-4pm	549	12	9	24	30	624	473	66	1	9	10	559	1,183
4-5pm	491	9	27	48	77	652	527	13	4	9	10	563	1,215
5-6pm	650	5	23	29	84	791	592	7	2	12	7	620	1,411
6-7pm	647	5	17	27	66	762	561	28	5	11	10	615	1,377
7-8pm	---	---	---	---	---	604	---	---	---	---	---	476	1,080
8-9pm	---	---	---	---	---	447	---	---	---	---	---	386	833
9-10pm	---	---	---	---	---	368	---	---	---	---	---	322	690
10-11pm	---	---	---	---	---	322	---	---	---	---	---	250	572
11-12pm	---	---	---	---	---	203	---	---	---	---	---	189	392
Totals	---	---	---	---	---	9,418	---	---	---	---	---	9,557	18,975
7-10am	1,046	47	31	104	101	1,329	1,801	81	40	93	108	2,123	3,452
10am-1pm	1,248	22	28	70	79	1,447	1,509	36	8	44	22	1,619	3,066
1-4pm	1,437	69	24	81	93	1,704	1,431	86	3	24	26	1,570	3,274
4-7pm	1,788	19	67	104	227	2,205	1,680	48	11	32	27	1,798	4,003
7am-7pm	5,519	157	150	359	500	6,685	6,421	251	62	193	183	7,110	13,795

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Roosevelt Island Bridge - 2007

	<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	---	---	---	---	---	163	---	---	---	---	---	101	264
1-2am	---	---	---	---	---	49	---	---	---	---	---	54	103
2-3am	---	---	---	---	---	33	---	---	---	---	---	32	65
3-4am	---	---	---	---	---	28	---	---	---	---	---	27	55
4-5am	---	---	---	---	---	38	---	---	---	---	---	42	80
5-6am	---	---	---	---	---	53	---	---	---	---	---	123	176
6-7am	---	---	---	---	---	136	---	---	---	---	---	300	436
7-8am	290	16	15	5	4	330	509	10	32	13	9	573	903
8-9am	261	17	22	17	9	326	364	5	3	14	4	390	716
9-10am	147	8	9	22	5	191	204	5	10	14	2	235	426
10-11am	148	2	4	9	5	168	140	5	1	10	8	164	332
11-12am	157	5	9	16	17	204	127	4	8	23	8	170	374
12-1pm	189	4	2	14	6	215	167	23	3	6	4	203	418
1-2pm	202	7	2	5	8	224	174	6	1	9	7	197	421
2-3pm	225	4	4	22	7	262	218	7	5	9	8	247	509
3-4pm	411	23	1	8	10	453	312	9	5	4	3	333	786
4-5pm	486	6	11	2	10	515	208	9	6	2	6	231	746
5-6pm	318	6	0	4	10	338	191	7	0	3	7	208	546
6-7pm	220	2	1	1	13	237	234	4	3	3	1	245	482
7-8pm	---	---	---	---	---	206	---	---	---	---	---	236	442
8-9pm	---	---	---	---	---	214	---	---	---	---	---	207	421
9-10pm	---	---	---	---	---	180	---	---	---	---	---	197	377
10-11pm	---	---	---	---	---	158	---	---	---	---	---	187	345
11-12pm	---	---	---	---	---	214	---	---	---	---	---	258	472
Totals	---	---	---	---	---	4,935	---	---	---	---	---	4,960	9,895
7-10am	698	41	46	44	18	847	1,077	20	45	41	15	1,198	2,045
10am-1pm	494	11	15	39	28	587	434	32	12	39	20	537	1,124
1-4pm	838	34	7	35	25	939	704	22	11	22	18	777	1,716
4-7pm	1,024	14	12	7	33	1,090	633	20	9	8	14	684	1,774
7am-7pm	3,054	100	80	125	104	3,463	2,848	94	77	110	67	3,196	6,659

Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Whitestone Expressway Bridge - 2007

	<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	---	---	---	---	---	1,767	---	---	---	---	---	1,161	2,928
1-2am	---	---	---	---	---	1,016	---	---	---	---	---	788	1,804
2-3am	---	---	---	---	---	722	---	---	---	---	---	654	1,376
3-4am	---	---	---	---	---	645	---	---	---	---	---	844	1,489
4-5am	---	---	---	---	---	1,097	---	---	---	---	---	1,591	2,688
5-6am	---	---	---	---	---	2,515	---	---	---	---	---	4,071	6,586
6-7am	---	---	---	---	---	4,358	---	---	---	---	---	7,369	11,727
7-8am	4,844	92	175	298	345	5,754	6,125	64	250	546	687	7,672	** 13,426 **
8-9am	4,773	74	284	379	234	5,744	5,665	73	193	481	411	6,823	12,567
9-10am	3,536	70	165	418	208	4,397	4,409	76	199	519	424	5,627	10,024
10-11am	3,680	38	87	251	153	4,209	4,369	21	108	204	116	4,818	9,027
11-12am	3,228	27	159	548	276	4,238	3,652	23	197	449	239	4,560	8,798
12-1pm	3,879	68	62	252	126	4,387	4,041	30	98	227	157	4,553	8,940
1-2pm	4,374	60	42	228	123	4,827	4,187	61	95	269	168	4,780	9,607
2-3pm	4,730	67	143	486	406	5,832	4,231	75	169	494	303	5,272	11,104
3-4pm	6,172	29	86	244	248	6,779	5,261	96	118	227	163	5,865	12,644
4-5pm	5,828	25	162	331	397	6,743	5,059	60	220	395	296	6,030	12,773
5-6pm	6,043	34	164	262	397	6,900	** 5,701	28	166	235	171	6,301	13,201
6-7pm	5,906	51	164	168	318	6,607	5,418	10	184	112	154	5,878	12,485
7-8pm	---	---	---	---	---	5,770	---	---	---	---	---	4,758	10,528
8-9pm	---	---	---	---	---	4,784	---	---	---	---	---	3,943	8,727
9-10pm	---	---	---	---	---	4,430	---	---	---	---	---	3,548	7,978
10-11pm	---	---	---	---	---	3,933	---	---	---	---	---	2,885	6,818
11-12pm	---	---	---	---	---	2,932	---	---	---	---	---	2,233	5,165
Totals	---	---	---	---	---	100,386	---	---	---	---	---	102,024	202,410
7-10am	13,153	236	624	1,095	787	15,895	16,199	213	642	1,546	1,522	20,122	36,017
10am-1pm	10,787	133	308	1,051	555	12,834	12,062	74	403	880	512	13,931	26,765
1-4pm	15,276	156	271	958	777	17,438	13,679	232	382	990	634	15,917	33,355
4-7pm	17,777	110	490	761	1,112	20,250	16,178	98	570	742	621	18,209	38,459
7am-7pm	56,993	635	1,693	3,865	3,231	66,417	58,118	617	1,997	4,158	3,289	68,179	134,596

Based on 1989 Classification Survey Data

** Peak Volumes

***Staten Island
Bridges***

Staten Island Bridges
Average Daily Traffic Volumes
1948 - 2007

<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
2006	65,274
2007	68,997

Hourly Vehicular Volumes Fresh Kills Bridge - 2007

	<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	---	---	---	---	---	215	---	---	---	---	---	336	551
1-2am	---	---	---	---	---	133	---	---	---	---	---	187	320
2-3am	---	---	---	---	---	79	---	---	---	---	---	108	187
3-4am	---	---	---	---	---	89	---	---	---	---	---	72	161
4-5am	---	---	---	---	---	246	---	---	---	---	---	124	370
5-6am	---	---	---	---	---	686	---	---	---	---	---	270	956
6-7am	---	---	---	---	---	1,790	---	---	---	---	---	570	2,360
7-8am	1,159	121	350	388	185	2,203	920	62	6	37	30	1,055	3,258
8-9am	938	206	405	496	139	2,184	1,079	23	4	70	35	1,211	3,395
9-10am	1,424	25	209	281	52	1,991	1,056	19	4	86	42	1,207	3,198
10-11am	1,907	43	85	126	24	2,185	1,398	17	0	53	30	1,498	3,683
11-12am	1,570	82	199	312	40	2,203	1,579	16	3	145	77	1,820	4,023
12-1pm	1,886	31	103	200	37	2,257	1,838	41	0	102	54	2,035	4,292
1-2pm	1,943	58	77	90	45	2,213	2,068	87	0	80	32	2,267	4,480
2-3pm	1,699	97	162	259	28	2,245	2,112	75	0	242	126	2,555	4,800
3-4pm	2,064	104	96	102	16	2,382 **	2,455	44	5	100	91	2,695	5,077
4-5pm	1,673	47	128	155	35	2,038	2,513	29	4	182	115	2,843	4,881
5-6pm	1,719	99	177	158	25	2,178	2,536	38	4	233	154	2,965 **	5,143 **
6-7pm	1,666	151	165	120	37	2,139	2,398	34	16	181	138	2,767	4,906
7-8pm	---	---	---	---	---	1,957	---	---	---	---	---	2,504	4,461
8-9pm	---	---	---	---	---	1,244	---	---	---	---	---	2,085	3,329
9-10pm	---	---	---	---	---	885	---	---	---	---	---	1,639	2,524
10-11pm	---	---	---	---	---	630	---	---	---	---	---	971	1,601
11-12pm	---	---	---	---	---	432	---	---	---	---	---	609	1,041
Totals	---	---	---	---	---	34,604	---	---	---	---	---	34,393	68,997
7-10am	3,521	352	964	1,165	376	6,378	3,055	104	14	193	107	3,473	9,851
10am-1pm	5,363	156	387	638	101	6,645	4,815	74	3	300	161	5,353	11,998
1-4pm	5,706	259	335	451	89	6,840	6,635	206	5	422	249	7,517	14,357
4-7pm	5,058	297	470	433	97	6,355	7,447	101	24	596	407	8,575	14,930
7am-7pm	19,648	1,064	2,156	2,687	663	26,218	21,952	485	46	1,511	924	24,918	51,136

Based on 1989 Classification Survey Data

** Peak Volumes

***MTABT
Facilities***

Manhattan MTABT Facilities
Average Daily Traffic Volumes
1948 - 2007

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
2006	57,436	71,761	89,972	98,582	317,751
2007	56,539	70,094	88,379	97,241	312,253

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 - 2007

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
2006	110,708	22,036	22,363	116,427	81,840	207,353	560,727
2007	111,739	22,337	21,356	112,985	79,019	201,116	548,552

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 2007

	<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	157	585	175	528	569	1,006	534	547	1,435	2,666
1-2am	77	261	97	217	265	552	277	292	716	1,322
2-3am	43	153	59	125	157	310	169	175	428	763
3-4am	46	91	56	71	153	200	134	160	389	522
4-5am	162	92	118	77	304	371	284	401	868	941
5-6am	793	135	572	136	1,053	742	1,106	962	3,524	1,975
6-7am	2,458	398	2,460	574	2,586	1,304	3,168	1,884	10,672	4,160
7-8am	3,254 **	647	3,576 **	1,410	3,703	1,399	4,306 **	2,258	14,839 **	5,714
8-9am	3,135	784	3,482	1,743	4,055 **	1,311	4,135	2,307	14,807	6,145
9-10am	2,856	847	2,985	1,172	3,780	1,301	3,746	2,130	13,367	5,450
10-11am	1,871	812	2,309	1,032	2,902	1,605	3,159	2,007	10,241	5,456
11-12am	1,562	948	1,865	1,045	2,590	1,760	2,822	2,042	8,839	5,795
12-1pm	1,442	1,058	1,676	1,219	2,419	2,083	2,635	2,109	8,172	6,469
1-2pm	1,463	1,208	1,563	1,372	2,147	2,326	2,600	2,496	7,773	7,402
2-3pm	1,515	1,542	1,753	1,829	2,310	2,748	2,826	2,778	8,404	8,897
3-4pm	1,669	1,968	2,366	2,296	2,556	2,946	3,432	3,102	10,023	10,312
4-5pm	1,548	2,342	2,594	2,728	2,584	2,966 **	3,319	3,333 **	10,045	11,369
5-6pm	1,511	2,464 **	2,972	3,086 **	2,665	2,933	3,402	2,938	10,550	11,421 **
6-7pm	1,295	2,265	2,823	2,953	2,553	2,657	3,290	2,562	9,961	10,437
7-8pm	1,151	1,828	1,754	2,294	2,271	2,313	2,554	2,419	7,730	8,854
8-9pm	967	1,904	1,114	1,757	1,774	2,329	1,912	2,092	5,767	8,082
9-10pm	819	1,445	890	1,603	1,475	2,390	1,639	1,832	4,823	7,270
10-11pm	572	1,219	617	1,586	1,395	2,141	1,424	1,589	4,008	6,535
11-12pm	363	814	340	1,025	926	1,494	954	999	2,583	4,332
Totals	30,729	25,810	38,216	31,878	47,192	41,187	53,827	43,414	169,964	142,289
7-10am	9,245	2,278	10,043	4,325	11,538	4,011	12,187	6,695	43,013	17,309
10am-1pm	4,875	2,818	5,850	3,296	7,911	5,448	8,616	6,158	27,252	17,720
1-4pm	4,647	4,718	5,682	5,497	7,013	8,020	8,858	8,376	26,200	26,611
4-7pm	4,354	7,071	8,389	8,767	7,802	8,556	10,011	8,833	30,556	33,227
7am-7pm	23,121	16,885	29,964	21,885	34,264	26,035	39,672	30,062	127,021	94,867

** Peak Volumes

Hourly Vehicular Volumes

Metropolitan Transportation Authority Bridges & Tunnels

2007

	<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	906	784	102	266	15	29	615	771	700	534	2,720	1,727
1-2am	519	491	69	144	8	12	417	504	381	352	1,411	963
2-3am	360	374	66	84	8	10	307	391	283	304	767	630
3-4am	350	423	73	53	7	6	360	379	263	340	620	525
4-5am	572	810	179	59	19	13	722	569	462	621	632	642
5-6am	1,396	1,797	498	124	328	94	2,190	1,194	965	1,350	1,018	1,238
6-7am	3,146	3,315	950	322	791	353	4,589	2,391	1,990	2,650	3,501	2,911
7-8am	4,157 **	3,365	1,343 **	561	1,579 **	408	4,980 **	3,275	2,901 **	2,526	8,601	4,032
8-9am	4,138	3,266	1,015	494	1,121	468	4,359	3,286	2,805	2,252	10,009 **	4,593
9-10am	3,324	2,815	623	437	796	386	3,691	2,862	2,367	2,110	8,152	4,294
10-11am	2,628	2,627	529	408	580	374	3,196	2,552	1,883	1,958	6,251	4,065
11-12am	2,322	2,523	516	417	510	398	2,801	2,384	1,905	1,945	4,985	3,942
12-1pm	2,254	2,526	521	429	488	463	2,434	2,429	1,934	1,988	4,403	4,062
1-2pm	2,432	2,811	573	508	490	530	2,507	2,820	1,927	2,042	4,186	4,593
2-3pm	2,850	3,200	670	651	551	664	2,798	3,545	2,131	2,264	4,410	6,296
3-4pm	3,271	3,823	715	855	673	941	2,897	4,391	2,628	2,635	4,899	7,375 **
4-5pm	3,264	4,130	661	843	656	976	2,948	4,608	2,510	2,679 **	5,860	7,330
5-6pm	3,270	4,292 **	570	856 **	650	1,065 **	2,921	4,659 **	2,402	2,460	6,250	7,271
6-7pm	2,889	3,843	486	848	558	964	2,807	4,275	2,091	2,147	6,248	7,251
7-8pm	2,573	3,370	413	696	398	760	2,316	3,177	1,842	1,834	5,516	6,810
8-9pm	2,236	2,426	306	545	289	578	1,855	2,401	1,534	1,447	4,484	5,537
9-10pm	1,966	1,990	238	445	214	475	1,619	1,890	1,373	1,225	3,637	4,133
10-11pm	1,662	1,730	222	384	202	383	1,472	1,466	1,203	1,072	3,346	3,159
11-12pm	1,226	1,297	235	335	33	42	932	1,033	1,034	770	3,277	2,554
Totals	53,711	58,028	11,573	10,764	10,964	10,392	55,733	57,252	39,514	39,505	105,183	95,933
7-10am	11,619	9,446	2,981	1,492	3,496	1,262	13,030	9,423	8,073	6,888	26,762	12,919
10am-1pm	7,204	7,676	1,566	1,254	1,578	1,235	8,431	7,365	5,722	5,891	15,639	12,069
1-4pm	8,553	9,834	1,958	2,014	1,714	2,135	8,202	10,756	6,686	6,941	13,495	18,264
4-7pm	9,423	12,265	1,717	2,547	1,864	3,005	8,676	13,542	7,003	7,286	18,358	21,852
7am-7pm	36,799	39,221	8,222	7,307	8,652	7,637	38,339	41,086	27,484	27,006	74,254	65,104

** Peak Volumes

Hourly Vehicular Volumes Brooklyn Battery Tunnel - 2007

FHWA Classes ▶	Northbound to Manhattan						Southbound to Brooklyn						2-Way Grand Totals		
	Commuter Vans		Commercial Vans		Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans		Commercial Vans		Single Unit Trucks		Tractor Trailers	Total Vehicles
	Autos & Motorcycles	Pickups Large SUVs	Buses					Autos & Motorcycles	Pickups Large SUVs	Buses					
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13				
12-1am	134	5	9	9	0	157	532	12	35	6	0	585	742		
1-2am	68	3	5	1	0	77	249	0	11	1	0	261	338		
2-3am	39	0	2	2	0	43	145	2	4	2	0	153	196		
3-4am	38	1	5	2	0	46	89	0	0	2	0	91	137		
4-5am	104	6	40	12	0	162	85	0	5	2	0	92	254		
5-6am	713	8	64	8	0	793	121	1	9	4	0	135	928		
6-7am	2,195	15	220	28	0	2,458	297	6	83	12	0	398	2,856		
7-8am	2,857	17	337	43	0	3,254 **	467	7	156	17	0	647	3,901		
8-9am	2,741	16	341	37	0	3,135	573	6	186	19	0	784	3,919		
9-10am	2,607	21	186	42	0	2,856	650	8	166	23	0	847	3,703		
10-11am	1,702	23	95	50	1	1,871	710	9	76	17	0	812	2,683		
11-12am	1,447	14	64	36	1	1,562	856	9	64	19	0	948	2,510		
12-1pm	1,326	15	70	30	1	1,442	974	12	53	19	0	1,058	2,500		
1-2pm	1,322	13	90	38	0	1,463	1,090	13	78	27	0	1,208	2,671		
2-3pm	1,361	11	115	27	1	1,515	1,412	15	88	27	0	1,542	3,057		
3-4pm	1,491	6	158	14	0	1,669	1,794	13	137	24	0	1,968	3,637		
4-5pm	1,349	5	182	11	1	1,548	2,123	7	192	20	0	2,342	3,890		
5-6pm	1,346	3	152	7	3	1,511	2,191	6	252	14	1	2,464 **	3,975 **		
6-7pm	1,202	4	81	7	1	1,295	2,080	6	168	10	1	2,265	3,560		
7-8pm	1,093	1	53	4	0	1,151	1,723	5	93	7	0	1,828	2,979		
8-9pm	919	5	36	7	0	967	1,778	9	106	11	0	1,904	2,871		
9-10pm	778	2	36	3	0	819	1,366	4	60	15	0	1,445	2,264		
10-11pm	542	1	26	3	0	572	1,170	6	34	9	0	1,219	1,791		
11-12pm	322	0	30	11	0	363	768	6	32	8	0	814	1,177		
Totals	27,696	195	2,397	432	9	30,729	23,243	162	2,088	315	2	25,810	56,539		
7-10am	8,205	54	864	122	0	9,245	1,690	21	508	59	0	2,278	11,523		
10am-1pm	4,475	52	229	116	3	4,875	2,540	30	193	55	0	2,818	7,693		
1-4pm	4,174	30	363	79	1	4,647	4,296	41	303	78	0	4,718	9,365		
4-7pm	3,897	12	415	25	5	4,354	6,394	19	612	44	2	7,071	11,425		
7am-7pm	20,751	148	1,871	342	9	23,121	14,920	111	1,616	236	2	16,885	40,006		

Based on May 2006 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Queens-Midtown Tunnel - 2007

FHWA Classes ▶	<i>Westbound to Manhattan</i>						<i>Eastbound to Queens</i>						2-Way Grand Totals		
	Commuter Vans		Commercial Vans		Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans		Commercial Vans		Single Unit Trucks		Tractor Trailers	Total Vehicles
	Autos & Motorcycles	Pickups Large SUVs	Buses					Autos & Motorcycles	Pickups Large SUVs	Buses					
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13				
12-1am	550	2	4	13	0	569	971	9	1	25	0	1,006	1,575		
1-2am	253	2	1	9	0	265	526	5	0	21	0	552	817		
2-3am	147	1	1	8	0	157	290	6	0	14	0	310	467		
3-4am	138	1	3	11	0	153	179	9	0	12	0	200	353		
4-5am	244	6	17	37	0	304	305	26	3	36	1	371	675		
5-6am	918	11	52	72	0	1,053	662	19	11	50	0	742	1,795		
6-7am	2,210	91	163	122	0	2,586	1,180	36	51	37	0	1,304	3,890		
7-8am	3,192	131	234	145	1	3,703	1,245	53	66	35	0	1,399	5,102		
8-9am	3,646	114	143	152	0	4,055 **	1,145	42	79	45	0	1,311	5,366		
9-10am	3,407	96	170	103	4	3,780	1,142	49	66	44	0	1,301	5,081		
10-11am	2,634	81	98	87	2	2,902	1,392	65	77	71	0	1,605	4,507		
11-12am	2,402	64	61	63	0	2,590	1,562	60	76	62	0	1,760	4,350		
12-1pm	2,244	37	55	83	0	2,419	1,864	67	58	94	0	2,083	4,502		
1-2pm	1,958	61	64	64	0	2,147	2,065	106	59	96	0	2,326	4,473		
2-3pm	2,096	56	106	52	0	2,310	2,547	79	47	75	0	2,748	5,058		
3-4pm	2,272	53	166	65	0	2,556	2,724	66	68	88	0	2,946	5,502		
4-5pm	2,361	32	158	33	0	2,584	2,736	81	69	80	0	2,966 **	5,550		
5-6pm	2,504	17	122	22	0	2,665	2,768	46	75	44	0	2,933	5,598 **		
6-7pm	2,441	17	71	24	0	2,553	2,526	32	60	39	0	2,657	5,210		
7-8pm	2,188	14	52	17	0	2,271	2,207	23	62	21	0	2,313	4,584		
8-9pm	1,687	23	31	33	0	1,774	2,214	27	43	45	0	2,329	4,103		
9-10pm	1,418	14	17	26	0	1,475	2,293	24	25	47	1	2,390	3,865		
10-11pm	1,337	9	14	35	0	1,395	2,064	22	12	43	0	2,141	3,536		
11-12pm	898	8	4	16	0	926	1,455	4	4	31	0	1,494	2,420		
Totals	43,145	941	1,807	1,292	7	47,192	38,062	956	1,012	1,155	2	41,187	88,379		
7-10am	10,245	341	547	400	5	11,538	3,532	144	211	124	0	4,011	15,549		
10am-1pm	7,280	182	214	233	2	7,911	4,818	192	211	227	0	5,448	13,359		
1-4pm	6,326	170	336	181	0	7,013	7,336	251	174	259	0	8,020	15,033		
4-7pm	7,306	66	351	79	0	7,802	8,030	159	204	163	0	8,556	16,358		
7am-7pm	31,157	759	1,448	893	7	34,264	23,716	746	800	773	0	26,035	60,299		

Based on May 2006 Classification Survey Data.

** Peak Volumes

***PANYNJ
Facilities***

PANYNJ Manhattan - New Jersey Facilities
Average Daily Traffic Volumes
1948 - 2007

<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
2006	312,078	98,425	127,245	537,748
2007	291,391	100,491	122,092	513,974

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 - 2007

<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
2006	24,230	65,378	86,306	175,914
2007	21,451	72,999	75,778	170,228

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

2007

	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	2,135	2,968	834	1,048	1,030	1,866	3,999	5,882
1-2am	1,421	1,913	528	731	615	1,217	2,564	3,861
2-3am	1,169	1,429	364	536	472	742	2,005	2,707
3-4am	1,406	1,371	353	567	532	538	2,291	2,476
4-5am	2,314	1,903	576	806	993	620	3,883	3,329
5-6am	6,432	3,201	2,085	1,523	2,984	865	11,501	5,589
6-7am	10,938 **	5,491	3,157 **	2,395	5,348 **	1,380	19,443 **	9,266
7-8am	9,875	7,099	3,016	2,951	4,831	2,260	17,722	12,310
8-9am	9,170	7,625	3,010	2,536	4,520	2,459	16,700	12,620
9-10am	8,783	6,455	2,952	2,136	4,410	2,189	16,145	10,780
10-11am	7,889	5,984	2,585	2,108	3,896	2,159	14,370	10,251
11-12am	7,128	5,992	2,155	2,083	3,307	2,088	12,590	10,163
12-1pm	6,682	6,322	1,981	2,172	2,901	2,322	11,564	10,816
1-2pm	6,688	6,818	1,950	2,592	2,803	2,764	11,441	12,174
2-3pm	7,209	7,754	2,101	3,227 **	2,798	3,132	12,108	14,113
3-4pm	7,931	9,166	2,446	3,112	2,985	3,527	13,362	15,805
4-5pm	8,691	10,425 **	2,697	3,222	2,530	3,931	13,918	17,578
5-6pm	9,057	10,144	2,954	3,136	1,878	4,481 **	13,889	17,761 **
6-7pm	8,566	9,461	2,816	3,134	2,251	4,332	13,633	16,927
7-8pm	7,173	7,987	2,556	3,070	2,589	4,195	12,318	15,252
8-9pm	5,722	6,827	2,060	2,820	2,272	3,612	10,054	13,259
9-10pm	4,875	6,268	1,850	2,426	2,060	3,317	8,785	12,011
10-11pm	4,217	5,382	1,808	2,262	1,985	3,470	8,010	11,114
11-12pm	3,096	4,839	1,392	1,672	1,629	3,007	6,117	9,518
Totals	148,567	142,824	48,226	52,265	61,619	60,473	258,412	255,562
7-10am	27,828	21,179	8,978	7,623	13,761	6,908	50,567	35,710
10am-1pm	21,699	18,298	6,721	6,363	10,104	6,569	38,524	31,230
1-4pm	21,828	23,738	6,497	8,931	8,586	9,423	36,911	42,092
4-7pm	26,314	30,030	8,467	9,492	6,659	12,744	41,440	52,266
7am-7pm	97,669	93,245	30,663	32,409	39,110	35,644	167,442	161,298

** Peak Volumes

Hourly Vehicular Volumes

Port Authority of New York & New Jersey

2007

	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	173	76	665	359	508	384	1,346	819
1-2am	113	45	408	239	328	238	849	522
2-3am	91	43	300	190	320	178	711	411
3-4am	78	43	305	175	350	202	733	420
4-5am	127	83	449	343	729	332	1,305	758
5-6am	260	252	1,254	845	2,131	645	3,645	1,742
6-7am	440	705	1,826	1,685	2,712	1,469	4,978	3,859
7-8am	523	1,185 **	1,628	2,636	2,597	1,998	4,748	5,819
8-9am	554	1,133	1,567	2,833 **	2,286	2,446	4,407	6,412 **
9-10am	470	705	1,750	2,330	2,230	2,026	4,450	5,061
10-11am	459	441	1,910	2,173	1,883	1,841	4,252	4,455
11-12am	466	386	1,821	1,848	1,817	1,693	4,104	3,927
12-1pm	478	370	1,870	1,832	1,821	1,701	4,169	3,903
1-2pm	539	351	2,005	1,830	1,968	1,750	4,512	3,931
2-3pm	712	393	2,281	1,881	2,144	2,092	5,137	4,366
3-4pm	889	383	2,528	2,013	2,306	2,457	5,723	4,853
4-5pm	1,121	444	2,775	2,149	2,605	2,501 **	6,501	5,094
5-6pm	1,425 **	483	2,998 **	2,064	2,965 **	2,380	7,388 **	4,927
6-7pm	1,294	364	2,792	1,723	2,563	2,059	6,649	4,146
7-8pm	818	303	2,274	1,471	2,050	1,815	5,142	3,589
8-9pm	484	266	1,788	1,302	1,697	1,619	3,969	3,187
9-10pm	384	229	1,449	1,069	1,389	1,145	3,222	2,443
10-11pm	322	180	1,169	727	1,097	890	2,588	1,797
11-12pm	249	119	875	595	786	635	1,910	1,349
Totals	12,469	8,982	38,687	34,312	41,282	34,496	92,438	77,790
7-10am	1,547	3,023	4,945	7,799	7,113	6,470	13,605	17,292
10am-1pm	1,403	1,197	5,601	5,853	5,521	5,235	12,525	12,285
1-4pm	2,140	1,127	6,814	5,724	6,418	6,299	15,372	13,150
4-7pm	3,840	1,291	8,565	5,936	8,133	6,940	20,538	14,167
7am-7pm	8,930	6,638	25,925	25,312	27,185	24,944	62,040	56,894

** Peak Volumes

Hourly Vehicular Volumes George Washington Bridge - 2007

	<i>Eastbound to Manhattan</i>					<i>Westbound to New Jersey</i>					2-Way Grand Totals
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
12-1am	1,702	22	68	343	2,135	2,399	10	75	484	2,968	5,103
1-2am	955	15	72	379	1,421					1,913	3,334
2-3am	657	6	77	429	1,169					1,429	2,598
3-4am	737	12	108	549	1,406					1,371	2,777
4-5am	1,398	15	189	712	2,314					1,903	4,217
5-6am	5,182	32	365	853	6,432	2,310	7	186	698	3,201	9,633
6-7am	9,921	77	406	534	10,938 **	4,669	45	255	522	5,491	16,429
7-8am	9,015	113	356	391	9,875	6,353	80	276	390	7,099	16,974
8-9am	8,235	112	406	417	9,170	6,756	96	311	462	7,625	16,795
9-10am	7,812	98	401	472	8,783	5,497	86	337	535	6,455	15,238
10-11am	6,938	83	367	501	7,889	4,764	56	388	776	5,984	13,873
11-12am	6,237	73	343	475	7,128	4,544	53	439	956	5,992	13,120
12-1pm	5,868	69	319	426	6,682	4,883	47	475	917	6,322	13,004
1-2pm	5,925	77	298	388	6,688	5,498	57	468	795	6,818	13,506
2-3pm	6,442	94	309	364	7,209	6,721	57	366	610	7,754	14,963
3-4pm	7,219	126	279	307	7,931	8,197	66	393	510	9,166	17,097
4-5pm	8,064	130	235	262	8,691	9,448	64	383	530	10,425 **	19,116
5-6pm	8,541	109	182	225	9,057	9,415	61	281	387	10,144	19,201 **
6-7pm	8,091	97	147	231	8,566	8,891	74	163	333	9,461	18,027
7-8pm	6,692	94	115	272	7,173	7,435	45	148	359	7,987	15,160
8-9pm	5,254	75	97	296	5,722	6,294	54	96	383	6,827	12,549
9-10pm	4,424	58	78	315	4,875	5,788	37	61	382	6,268	11,143
10-11pm	3,798	38	64	317	4,217	4,809	32	77	464	5,382	9,599
11-12pm	2,710	32	59	295	3,096	4,370	23	73	373	4,839	7,935
Totals	131,817	1,657	5,340	9,753	148,567					142,824	291,391
7-10am	25,062	323	1,163	1,280	27,828	18,606	262	924	1,387	21,179	49,007
10am-1pm	19,043	225	1,029	1,402	21,699	14,191	156	1,302	2,649	18,298	39,997
1-4pm	19,586	297	886	1,059	21,828	20,416	180	1,227	1,915	23,738	45,566
4-7pm	24,696	336	564	718	26,314	27,754	199	827	1,250	30,030	56,344
7am-7pm	88,387	1,181	3,642	4,459	97,669	80,967	797	4,280	7,201	93,245	190,914

Classification based on October 2007 Data

** Peak Volumes

Hourly Vehicular Volumes Holland Tunnel - 2007

FHWA Classes ▶	<i>Eastbound to Manhattan</i>						<i>Westbound to New Jersey</i>						2-Way Grand Totals		
	Commuter Vans		Commercial Vans		Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans		Commercial Vans		Single Unit Trucks		Tractor Trailers	Total Vehicles
	Autos & Motorcycles	Pickups Large SUVs	Buses					Autos & Motorcycles	Pickups Large SUVs	Buses					
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13				
12-1am	808	13	1	12	0	834	1,039	4	0	5	0	1,048	1,882		
1-2am	508	8	1	11	0	528	720	5	1	5	0	731	1,259		
2-3am	343	7	1	13	0	364	519	8	0	9	0	536	900		
3-4am	329	7	0	17	0	353	523	17	4	23	0	567	920		
4-5am	549	6	2	19	0	576	723	26	8	48	1	806	1,382		
5-6am	1,904	55	34	92	0	2,085	1,434	58	14	17	0	1,523	3,608		
6-7am	2,891	94	42	130	0	3,157 **	2,242	102	39	12	0	2,395	5,552		
7-8am	2,820	68	33	95	0	3,016	2,769	115	54	13	0	2,951	5,967		
8-9am	2,835	68	28	79	0	3,010	2,409	73	46	8	0	2,536	5,546		
9-10am	2,776	75	22	79	0	2,952	2,050	56	25	5	0	2,136	5,088		
10-11am	2,448	59	18	60	0	2,585	2,027	43	30	8	0	2,108	4,693		
11-12am	2,036	51	12	56	0	2,155	2,012	43	21	7	0	2,083	4,238		
12-1pm	1,867	40	13	61	0	1,981	2,113	40	5	14	0	2,172	4,153		
1-2pm	1,856	38	16	40	0	1,950	2,504	59	15	14	0	2,592	4,542		
2-3pm	1,986	52	19	44	0	2,101	3,127	72	7	21	0	3,227 **	5,328		
3-4pm	2,302	63	21	60	0	2,446	3,031	43	16	22	0	3,112	5,558		
4-5pm	2,547	51	37	61	1	2,697	3,130	37	32	23	0	3,222	5,919		
5-6pm	2,782	54	50	67	1	2,954	3,017	55	37	27	0	3,136	6,090 **		
6-7pm	2,659	47	49	61	0	2,816	3,028	57	25	24	0	3,134	5,950		
7-8pm	2,427	39	29	61	0	2,556	2,993	37	21	19	0	3,070	5,626		
8-9pm	1,974	29	15	42	0	2,060	2,770	37	7	6	0	2,820	4,880		
9-10pm	1,778	26	13	33	0	1,850	2,377	36	5	6	2	2,426	4,276		
10-11pm	1,752	21	6	29	0	1,808	2,205	49	4	3	1	2,262	4,070		
11-12pm	1,350	16	4	22	0	1,392	1,628	39	2	3	0	1,672	3,064		
Totals	45,527	987	466	1,244	2	48,226	50,390	1,111	418	342	4	52,265	100,491		
7-10am	8,431	211	83	253	0	8,978	7,228	244	125	26	0	7,623	16,601		
10am-1pm	6,351	150	43	177	0	6,721	6,152	126	56	29	0	6,363	13,084		
1-4pm	6,144	153	56	144	0	6,497	8,662	174	38	57	0	8,931	15,428		
4-7pm	7,988	152	136	189	2	8,467	9,175	149	94	74	0	9,492	17,959		
7am-7pm	28,914	666	318	763	2	30,663	31,217	693	313	186	0	32,409	63,072		

Based on April 2006 Classification Survey Data.

** Peak Volumes

**Hourly Vehicular Volumes
Lincoln Tunnel - 2007**

PANYNJ Classes ▶	Eastbound to Manhattan						Westbound to New Jersey					2-Way Grand Totals
	Single Rear Wheels Autos, Vans, Pickups, Motorcycles, Rec. Vehs.	All Buses & Minibuses	2 Axles Dual Rear Wheels	3 & 4 Axles Single Units & Trailers	5 or more Axles	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
	1, 7, & 11	8 & 9	2	3 & 4	5 & 6							
12-1am	878	63	25	47	17	1,030	1,707	62	48	49	1,866	2,896
1-2am	506	29	22	41	17	615					1,217	1,832
2-3am	372	10	23	48	19	472					742	1,214
3-4am	373	15	63	57	24	532					538	1,070
4-5am	673	27	147	99	47	993					620	1,613
5-6am	2,267	147	347	142	81	2,984	672	43	68	82	865	3,849
6-7am	4,340	439	389	128	52	5,348	1,053	173	71	83	1,380	6,728
7-8am	3,610	806	342	53	20	4,831	1,453	553	143	111	2,260	7,091 **
8-9am	3,254	900	312	43	11	4,520	1,415	768	143	133	2,459	6,979
9-10am	3,414	592	323	60	21	4,410	1,338	612	183	56	2,189	6,599
10-11am	3,281	290	249	57	19	3,896	1,582	348	180	49	2,159	6,055
11-12am	2,840	208	181	58	20	3,307	1,560	223	227	78	2,088	5,395
12-1pm	2,466	190	170	55	20	2,901	1,782	175	247	118	2,322	5,223
1-2pm	2,359	219	175	37	13	2,803	2,343	136	222	63	2,764	5,567
2-3pm	2,355	256	151	24	12	2,798	2,761	175	155	41	3,132	5,930
3-4pm	2,456	385	113	24	7	2,985	3,114	216	160	37	3,527	6,512
4-5pm	1,913	509	85	19	4	2,530	3,406	334	166	25	3,931	6,461
5-6pm	1,449	367	47	13	2	1,878	3,709	562	186	24	4,481 **	6,359
6-7pm	1,799	384	49	14	5	2,251	3,668	534	106	24	4,332	6,583
7-8pm	2,191	323	47	24	4	2,589	3,575	467	124	29	4,195	6,784
8-9pm	1,960	228	32	44	8	2,272	3,276	252	60	24	3,612	5,884
9-10pm	1,812	158	35	48	7	2,060	3,113	128	54	22	3,317	5,377
10-11pm	1,758	132	33	54	8	1,985	3,250	145	49	26	3,470	5,455
11-12pm	1,440	97	39	37	16	1,629	2,810	101	57	39	3,007	4,636
Totals	49,766	6,774	3,399	1,226	454	61,619					60,473	122,092
7-10am	10,278	2,298	977	156	52	13,761	4,206	1,933	469	300	6,908	20,669
10am-1pm	8,587	688	600	170	59	10,104	4,924	746	654	245	6,569	16,673
1-4pm	7,170	860	439	85	32	8,586	8,218	527	537	141	9,423	18,009
4-7pm	5,161	1,260	181	46	11	6,659	10,783	1,430	458	73	12,744	19,403
7am-7pm	31,196	5,106	2,197	457	154	39,110	28,131	4,636	2,118	759	35,644	74,754

Based on April 2006 Classification Survey Data (eastbound), and October 2007 classification data (westbound).

** Peak Volumes

Hourly Vehicular Volumes Bayonne Bridge - 2007

	<i>Southbound to Staten Island</i>					<i>Northbound to New Jersey</i>					2-Way Grand Totals
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
12-1am	158	2	5	8	173	66	0	5	5	76	249
1-2am	97	3	5	8	113					45	158
2-3am	74	2	7	8	91					43	134
3-4am	59	1	8	10	78					43	121
4-5am	86	1	16	24	127					83	210
5-6am	194	2	21	43	260	235	1	7	9	252	512
6-7am	344	6	38	52	440	669	8	14	14	705	1,145
7-8am	411	14	42	56	523	1,141	10	11	23	1,185	1,708
8-9am	431	11	53	59	554	1,067	6	16	44	1,133	1,687
9-10am	344	19	53	54	470	623	1	32	49	705	1,175
10-11am	340	11	49	59	459	365	0	18	58	441	900
11-12am	359	3	44	60	466	321	1	22	42	386	852
12-1pm	383	2	41	52	478	288	0	21	61	370	848
1-2pm	447	3	42	47	539	274	2	22	53	351	890
2-3pm	616	5	47	44	712	308	2	29	54	393	1,105
3-4pm	804	4	40	41	889	315	3	31	34	383	1,272
4-5pm	1,051	8	35	27	1,121	351	5	52	36	444	1,565
5-6pm	1,365	10	31	19	1,425	418	5	39	21	483	1,908
6-7pm	1,234	11	30	19	1,294	332	4	19	9	364	1,658
7-8pm	778	8	18	14	818	283	2	15	3	303	1,121
8-9pm	454	4	15	11	484	243	1	18	4	266	750
9-10pm	363	3	9	9	384	219	0	6	4	229	613
10-11pm	308	2	6	6	322	173	1	3	3	180	502
11-12pm	236	2	4	7	249	108	0	5	6	119	368
Totals	10,936	137	659	737	12,469					8,982	21,451
7-10am	1,186	44	148	169	1,547	2,831	17	59	116	3,023	4,570
10am-1pm	1,082	16	134	171	1,403	974	1	61	161	1,197	2,600
1-4pm	1,867	12	129	132	2,140	897	7	82	141	1,127	3,267
4-7pm	3,650	29	96	65	3,840	1,101	14	110	66	1,291	5,131
7am-7pm	7,785	101	507	537	8,930	5,803	39	312	484	6,638	15,568

Classification based on October 2007 survey data.

** Peak Volumes

Hourly Vehicular Volumes Goethals Bridge - 2007

	<i>Eastbound to Staten Island</i>					<i>Westbound to New Jersey</i>					2-Way Grand Totals
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
12-1am	602	5	15	43	665					359	1,024
1-2am	335	5	17	51	408					239	647
2-3am	222	3	18	57	300					190	490
3-4am	190	4	31	80	305					175	480
4-5am	265	3	59	122	449					343	792
5-6am	928	9	131	186	1,254	738	8	48	51	845	2,099
6-7am	1,487	12	149	178	1,826	1,513	28	79	65	1,685	3,511
7-8am	1,277	22	149	180	1,628	2,334	62	98	142	2,636	4,264
8-9am	1,227	22	146	172	1,567	2,541	26	107	159	2,833	4,400
9-10am	1,345	34	169	202	1,750	2,019	11	112	188	2,330	4,080
10-11am	1,480	31	187	212	1,910	1,828	5	139	201	2,173	4,083
11-12am	1,427	19	175	200	1,821	1,508	2	144	194	1,848	3,669
12-1pm	1,518	11	161	180	1,870	1,438	3	136	255	1,832	3,702
1-2pm	1,672	13	152	168	2,005	1,468	12	132	218	1,830	3,835
2-3pm	1,964	15	150	152	2,281	1,552	14	133	182	1,881	4,162
3-4pm	2,226	25	143	134	2,528	1,675	12	126	200	2,013	4,541
4-5pm	2,538	27	113	97	2,775	1,869	4	115	161	2,149	4,924
5-6pm	2,805	36	86	71	2,998	1,878	6	75	105	2,064	5,062
6-7pm	2,632	52	63	45	2,792	1,590	5	63	65	1,723	4,515
7-8pm	2,155	33	43	43	2,274	1,383	2	40	46	1,471	3,745
8-9pm	1,688	21	34	45	1,788	1,237	3	27	35	1,302	3,090
9-10pm	1,375	7	24	43	1,449	1,016	2	23	28	1,069	2,518
10-11pm	1,100	5	22	42	1,169	675	2	21	29	727	1,896
11-12pm	810	5	18	42	875	555	1	9	30	595	1,470
Totals	33,268	419	2,255	2,745	38,687					34,312	72,999
7-10am	3,849	78	464	554	4,945	6,894	99	317	489	7,799	12,744
10am-1pm	4,425	61	523	592	5,601	4,774	10	419	650	5,853	11,454
1-4pm	5,862	53	445	454	6,814	4,695	38	391	600	5,724	12,538
4-7pm	7,975	115	262	213	8,565	5,337	15	253	331	5,936	14,501
7am-7pm	22,111	307	1,694	1,813	25,925	21,700	162	1,380	2,070	25,312	51,237

Classification based on October 2007 survey data.

** Peak Volumes

Hourly Vehicular Volumes Outerbridge Crossing - 2007

	<i>Eastbound to Staten Island</i>					<i>Westbound to New Jersey</i>					2-Way Grand Totals
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
12-1am	435	3	8	62	508	343	0	8	33	384	892
1-2am	245	1	9	73	328					238	566
2-3am	211	2	14	93	320					178	498
3-4am	205	1	27	117	350					202	552
4-5am	519	2	46	162	729					332	1,061
5-6am	1,863	7	96	165	2,131	570	0	31	44	645	2,776
6-7am	2,519	5	88	100	2,712	1,356	2	53	58	1,469	4,181
7-8am	2,425	5	94	73	2,597	1,885	1	52	60	1,998	4,595
8-9am	2,095	4	104	83	2,286	2,294	2	71	79	2,446	4,732
9-10am	2,013	5	103	109	2,230	1,843	24	80	79	2,026	4,256
10-11am	1,681	6	87	109	1,883	1,668	15	72	86	1,841	3,724
11-12am	1,638	4	80	95	1,817	1,492	4	88	109	1,693	3,510
12-1pm	1,660	6	75	80	1,821	1,502	5	87	107	1,701	3,522
1-2pm	1,806	7	78	77	1,968	1,546	4	91	109	1,750	3,718
2-3pm	1,989	5	81	69	2,144	1,928	4	79	81	2,092	4,236
3-4pm	2,168	7	81	50	2,306	2,338	2	72	45	2,457	4,763
4-5pm	2,490	8	69	38	2,605	2,402	2	54	43	2,501	5,106
5-6pm	2,869	10	56	30	2,965	2,302	0	53	25	2,380	5,345
6-7pm	2,475	13	41	34	2,563	2,004	3	32	20	2,059	4,622
7-8pm	1,965	22	29	34	2,050	1,756	2	23	34	1,815	3,865
8-9pm	1,619	13	22	43	1,697	1,550	1	31	37	1,619	3,316
9-10pm	1,326	3	15	45	1,389	1,092	6	18	29	1,145	2,534
10-11pm	1,029	3	14	51	1,097	835	3	17	35	890	1,987
11-12pm	722	4	10	50	786	596	0	11	28	635	1,421
Totals	37,967	146	1,327	1,842	41,282					34,496	75,778
7-10am	6,533	14	301	265	7,113	6,022	27	203	218	6,470	13,583
10am-1pm	4,979	16	242	284	5,521	4,662	24	247	302	5,235	10,756
1-4pm	5,963	19	240	196	6,418	5,812	10	242	235	6,299	12,717
4-7pm	7,834	31	166	102	8,133	6,708	5	139	88	6,940	15,073
7am-7pm	25,309	80	949	847	27,185	23,204	66	831	843	24,944	52,129

Classification based on October 2007 Data (eastbound) & November 2005 Data (westbound).

** Peak Volumes