

2014 New York City Bridge Traffic Volumes



Bill de Blasio
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A member of the New York Metropolitan Transportation Council

2014 New York City Bridge Traffic Volumes

Contract C033467

2013-2014: PTDT13D00.E01

2014-2015: PTDT14D00.E01

2015-2016: PTDT15D00.E01

The preparation of this report was financed in part with funds from the U.S. Department of Transportation, Federal Highway Administration, under the Federal Highway Act of 1956, as amended, and the Urban Mass Transportation Act of 1964, as amended. This document is disseminated by the New York City Department of Transportation in the interest of information exchange. It reflects the views of the New York City Department of Transportation (NYCDOT), which is responsible for the facts and the accuracy of the data presented herein. The report does not necessarily reflect any official views or policies of the Federal Transit Administration, the Federal Highway Administration, or the State of New York. The report does not constitute a standard, specification, or regulation. NYCDOT is grateful to the Metropolitan Transportation Authority Bridges and Tunnels (MTABT), the Port Authority of New York and New Jersey (PANYNJ), and the New York Metropolitan Transportation Council (NYMTC) for providing data used to develop this report.

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Published August 2015

2014
NEW YORK CITY
BRIDGE TRAFFIC VOLUMES

2,666,872

vehicles per day used the 47 toll-free bridges monitored by the New York City Department of Transportation in 2014.

1.7% Decrease

from the 2,712,683 daily vehicles recorded in 2013.

3.6% Decrease

In daily vehicles on the nine Harlem River bridges between Manhattan and Bronx, to 537,888 in 2014 from 558,163 in 2013. Largest decrease of any sector.

4.2% Increase

Willis Avenue Bridge over the Harlem River between Manhattan and Bronx

Largest increase on bridges carrying more than 50,000 daily vehicles: 67,951 daily vehicles in 2014, up from 65,216 in 2013.

5.1% Decrease

Alexander Hamilton Bridge over the Harlem River between Manhattan and Bronx

Largest decrease on bridges carrying more than 50,000 daily vehicles: 178,809 daily vehicles in 2014, down from 188,417 in 2013. Nevertheless, this remains the most heavily-utilized of the nine Harlem River Bridges.

Whitestone Expressway Bridge over the Flushing River in Queens

204,401 vehicles per day, the most heavily-utilized toll-free bridge in New York City.

Ed Koch Queensboro Bridge over the East River between Manhattan and Queens

174,239 vehicles per day, the most heavily-utilized of the four East River bridges.



Kosciuszko Bridge over Newtown Creek

184,025 vehicles per day, the most heavily-utilized of the four bridges between Brooklyn and Queens.

Mill Basin Bridge along Belt Parkway

141,150 vehicles per day, the most heavily-utilized of the ten bridges in Brooklyn.

Eastern Boulevard Bridge over the Bronx River

176,945 vehicles per day, the most heavily-utilized of the eight bridges in The Bronx.



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Introduction



3rd Avenue Bridge ~ Harlem River

INTRODUCTION

The *2014 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) under the Planning Program of the Moving Ahead for Progress (MAP-21) Act.

Since 1948, NYCDOT has monitored traffic flow on 47 water-crossing bridges throughout the five boroughs. This *2014 New York City Bridge Traffic Volumes* report summarizes vehicular volumes and classification data for each of these bridges. Information is also 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).

The 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. In addition, changes in the traffic volumes for all facilities over the past 66 years are shown in graphical form.

Bridge and tunnel locations are shown on maps at the beginning of the sections on the various bridge groups, e.g., East River Bridges, Harlem River Bridges, Brooklyn-Queens Bridges, etc.

Note: NYCDOT uses the averages of vehicular volumes from selected representative weekdays. Publications from other sources may be based on alternative computation methodologies for some facilities, notably the tolled bridges and tunnels, possibly yielding different results for those facilities.

A more comprehensive analysis of bridges and tunnels serving Manhattan is presented in the *Manhattan River Crossings* report which also is published annually.

Each bridge and tunnel is 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



Carroll Street Bridge over Gowanus Canal in Brooklyn

SUMMARY

2014 Volumes

- In 2014, daily traffic on the 47 bridges monitored by the New York City Department of Transportation decreased 1.7%, to 2,666,872 from 2,712,683 in 2013.
- Daily traffic on the four East River bridges decreased 1.5%, to 469,907 in fall 2014 from 477,147 in fall 2013.
- Daily volume using the nine Harlem River bridges decreased 3.6%, to 537,888 in fall 2014 from 558,163 in fall 2013.
- Daily traffic using the four bridges over Newtown Creek between Queens and Brooklyn decreased 1.5%, to 265,928 in 2014 from 269,845 in 2013.
- On the eight bridges in The Bronx, daily traffic increased 0.8%, to 460,392 in 2014 from 456,730 in 2013.
- On the ten bridges in Brooklyn, daily traffic decreased 0.6%, to 322,391 from 326,908.
- On the eleven bridges in Queens, daily traffic decreased 2.3%, to 550,764 from 563,650.
- Daily traffic on the Fresh Kills Bridge in Staten Island decreased 1.1%, to 59,602 from 60,240.

Most Heavily Used City-Operated Bridges in 2014

- Whitestone Expressway Bridge over the Flushing River in Queens (204,401 vehicles per day).
- Kosciuszko Bridge over Newtown Creek between Brooklyn and Queens (184,025 vehicles per day).
- Alexander Hamilton Bridge over the Harlem River between Manhattan and The Bronx (178,809 vehicles per day).
- Eastern Boulevard Bridge over the Bronx River in The Bronx (176,945 vehicles per day).
- Ed Koch Queensboro Bridge over the East River between Manhattan and Queens (174,239 vehicles per day).
- Mill Basin Bridge along Belt Parkway in Brooklyn (141,150 vehicles per day).
- Hutchinson River Parkway Bridge over the Hutchinson River in The Bronx (121,281 vehicles per day).
- Williamsburg Bridge over the East River between Manhattan and Brooklyn (111,634 vehicles per day).
- Brooklyn Bridge over the East River between Manhattan and Brooklyn (99,986 vehicles per day).

Major Increases

- Willis Avenue Bridge over the Harlem River between Manhattan and The Bronx: up 2,735 daily vehicles, to 67,951 in 2014 from 65,216 in 2013 (+4.2%).
- Ed Koch Queensboro Bridge over the East River between Manhattan and Queens: up 2,683 daily vehicles, to 174,239 from 171,556 (+1.6%).
- Eastchester Bridge over the Hutchinson River in The Bronx: up 2,678 daily vehicles, to 124,071 from 121,393 (+2.2%).
- Metropolitan Avenue Bridge over English Kills in Brooklyn: up 2,183 daily vehicles, to 39,620 from 37,437 (+5.8%).

Major Decreases

- Alexander Hamilton Bridge over the Harlem River between Manhattan and The Bronx: down 9,608 daily vehicles, to 178,809 in 2014 from 188,417 in 2013 (-5.1%).
- Kosciuszko Bridge on the Brooklyn-Queens Expressway over Newtown Creek between Brooklyn and Queens: down 7,200 daily vehicles, to 184,025 in 2014 from 191,225 in 2013 (-3.8%).
- Mill Basin Bridge along Belt Parkway in Brooklyn: down 6,934 daily vehicles, to 141,150 from 148,084 (-4.7%).
- Madison Avenue Bridge over the Harlem River between Manhattan and The Bronx: down 5,706 daily vehicles, to 41,340 from 47,046 (-12.1%).

2013-2014 Traffic Volume Trends
N.Y.C. Bridges and Tunnels
Both Directions
Page 1 of 3

EAST RIVER BRIDGES	Highway Functional Classification	2013	2014	Percent Change
Brooklyn Bridge	Principal Arterial	102,542	99,986	- 2.5 %
Ed Koch Queensboro Bridge *	Principal Arterial	171,556	174,239	1.6 %
Manhattan Bridge	Principal Arterial	87,375	84,048	- 3.8 %
Williamsburg Bridge	Principal Arterial	115,674	111,634	- 3.5 %
Total, 4 East River Bridges		477,147	469,907	- 1.5 %

HARLEM RIVER BRIDGES				
Alexander Hamilton Bridge	Interstate	188,417	178,809	- 5.1 %
Broadway Bridge	Principal Arterial	35,462	34,239	- 3.4 %
Macombs Dam Bridge	Principal Arterial	38,930	38,417	- 1.3 %
Madison Avenue Bridge	Principal Arterial	47,046	41,340	- 12.1 %
Third Avenue Bridge	Principal Arterial	60,120	58,447	- 2.8 %
University Heights Bridge	Principal Arterial	40,774	37,791	- 7.3 %
Washington Bridge	Minor Arterial	54,031	52,537	- 2.8 %
Willis Avenue Bridge	Principal Arterial	65,216	67,951	4.2 %
145th Street Bridge	Minor Arterial	28,167	28,357	0.7 %
Total, 9 Harlem River Bridges		558,163	537,888	- 3.6 %

BROOKLYN-QUEENS BRIDGES				
Grand Street Bridge	Principal Arterial	13,843	13,662	- 1.3 %
J.J. Byrne Memorial Bridge **	Principal Arterial	25,701	27,836	8.3 %
Kosciuszko Bridge	Interstate	191,225	184,025	- 3.8 %
Pulaski Bridge	Principal Arterial	39,076	40,405	3.4 %
Total, 4 Brooklyn-Queens Bridges (Over Newtown Creek)		269,845	265,928	- 1.5 %

BRONX BRIDGES				
City Island Bridge	Minor Arterial	16,431	15,915	- 3.1 %
East 174th Street Bridge	Minor Arterial	15,273	16,144	5.7 %
Eastchester Bridge	Principal Arterial	21,393	24,071	12.5 %
Eastern Boulevard Bridge	Interstate	175,436	176,945	0.9 %
Hutchinson River Parkway Bridge	Principal Arterial	120,999	121,281	0.2 %
Pelham Bridge	Minor Arterial	18,330	18,117	- 1.2 %
Unionport Bridge	Principal Arterial	61,892	62,715	1.3 %
Westchester Avenue Bridge	Principal Arterial	26,976	25,204	- 6.6 %
Total, 8 Bronx Bridges		456,730	460,392	0.8 %

* Queensboro Bridge renamed April 11, 2011.

** J.J. Byrne Memorial Bridge also known as Greenpoint Avenue Bridge.

2013-2014 Traffic Volume Trends
N.Y.C. Bridges and Tunnels
Both Directions
Page 2 of 3

BROOKLYN BRIDGES	Highway Functional Classification	2013	2014	Percent Change
Carroll Street Bridge	Local	1,072	1,106	3.2 %
Cropsey Avenue Bridge	Principal Arterial	34,062	33,373	- 2.0 %
Hamilton Avenue Bridge	Principal Arterial	52,321	54,250	3.7 %
Metropolitan Avenue Bridge	Principal Arterial	37,437	39,620	5.8 %
Mill Basin Bridge	Principal Arterial	148,084	141,150	- 4.7 %
Ninth Street Bridge	Minor Arterial	12,136	11,020	- 9.2 %
Stillwell Avenue Bridge	Principal Arterial	8,519	8,569	0.6 %
Third Avenue Bridge	Principal Arterial	17,630	18,227	3.4 %
Third Street Bridge	Minor Arterial	10,611	10,299	- 2.9 %
Union Street Bridge	Minor Arterial	5,036	4,777	- 5.1 %
Total, 10 Brooklyn Bridges		326,908	322,391	- 1.4 %
QUEENS BRIDGES				
Borden Avenue Bridge	Minor Arterial	12,265	13,274	8.2 %
Flushing Bridge	Principal Arterial	55,690	52,437	- 5.8 %
Hook Creek Bridge	Principal Arterial	77,868	73,993	- 5.0 %
Hunters Point Bridge	Collector	8,026	7,960	- 0.8 %
Joseph P. Addabbo Bridge *	Principal Arterial	26,630	24,854	- 6.7 %
Little Neck Bridge	Principal Arterial	47,945	47,825	- 0.3 %
Midtown Highway Bridge	Interstate	87,827	87,878	0.1 %
Rikers Island Bridge	Collector	14,065	13,578	- 3.5 %
Roosevelt Avenue Bridge	Principal Arterial	17,994	16,352	- 9.1 %
Roosevelt Island Bridge	Collector	9,550	8,212	- 14.0 %
Whitestone Expwy Bridge	Interstate	205,790	204,401	- 0.7 %
Total, 11 Queens Bridges		563,650	550,764	- 2.3 %
STATEN ISLAND				
Fresh Kills Bridge	Principal Arterial	60,240	59,602	- 1.1 %
TOLL-FREE GRAND TOTALS		2,712,683	2,666,872	- 1.7 %

* Joseph P. Addabbo Bridge also known as North Channel Bridge.

2013-2014 Traffic Volume Trends
N.Y.C. Bridges and Tunnels
Both Directions
Page 3 of 3

MTABT Manhattan Facilities	Highway Functional Classification	2013	2014	Percent Change
Henry Hudson Bridge	Principal Arterial	59,087	58,809	- 0.5 %
Hugh L. Carey Tunnel *	Interstate	55,145	54,007	- 2.1 %
Queens-Midtown Tunnel	Interstate	86,737	86,081	- 0.8 %
R.F.K. Memorial Bridge Manhattan Plaza **	Principal Arterial	91,386	91,509	0.1 %
Total, 4 MTABT Manhattan Crossings		292,355	290,406	- 0.7 %

PANYNJ Manhattan Facilities

George Washington Bridge	Interstate	277,645	280,784	1.1 %
Holland Tunnel	Interstate	90,012	87,232	- 3.1 %
Lincoln Tunnel	Principal Arterial	112,162	109,796	- 2.1 %
Total, 3 PANYNJ Manhattan - New Jersey Crossings		479,819	477,812	- 0.4 %

MTABT Outer Borough Bridges

Bronx-Whitestone Bridge	Interstate	104,511	104,509	- 0.0 %
Cross Bay Veterans Memorial Bridge	Minor Arterial	22,016	21,953	- 0.3 %
Marine Parkway Gil Hodges Memorial Bridge	Minor Arterial	22,010	21,217	- 3.6 %
R.F.K. Memorial Bridge Bronx Plaza **	Interstate	79,006	82,084	3.9 %
Throgs Neck Bridge	Interstate	110,753	112,548	1.6 %
Verrazano-Narrows Bridge	Interstate	192,033	187,438	- 2.4 %
Total, 6 MTABT Outer Borough Bridges		530,329	529,749	- 0.1 %

PANYNJ Staten Island Bridges

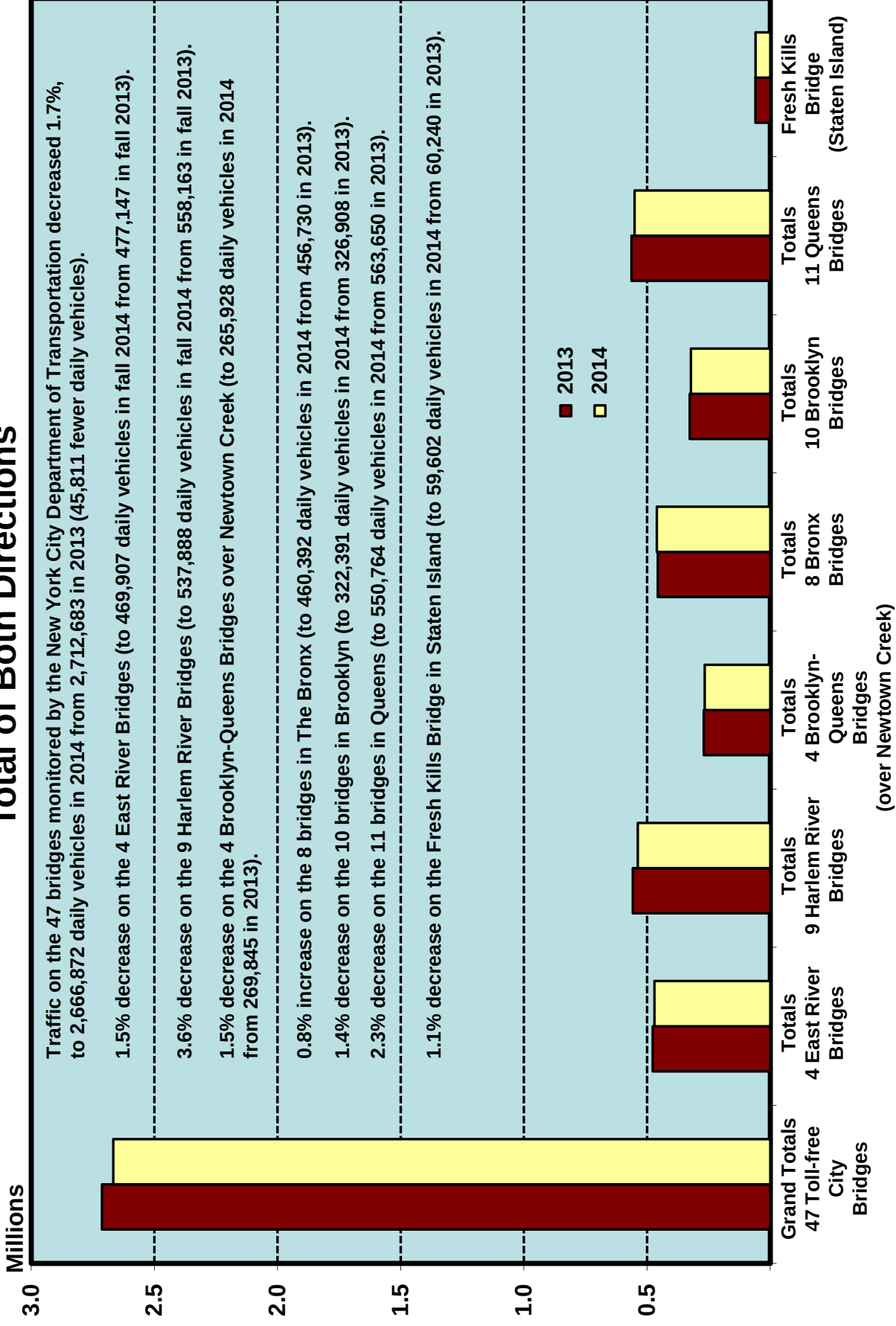
Bayonne Bridge	Principal Arterial	18,541	15,166	- 18.2 %
Goethals Bridge	Interstate	72,986	70,419	- 3.5 %
Outerbridge Crossing	Principal Arterial	66,740	70,033	4.9 %
Total, 3 PANYNJ Staten Island - New Jersey Bridges		158,267	155,618	- 1.7 %

* Formerly Brooklyn-Battery Tunnel, renamed October 22, 2012.

** Formerly Triborough Bridge, renamed November 19, 2008.

New York City Toll-free Bridges Daily Volumes 2014 vs. 2013

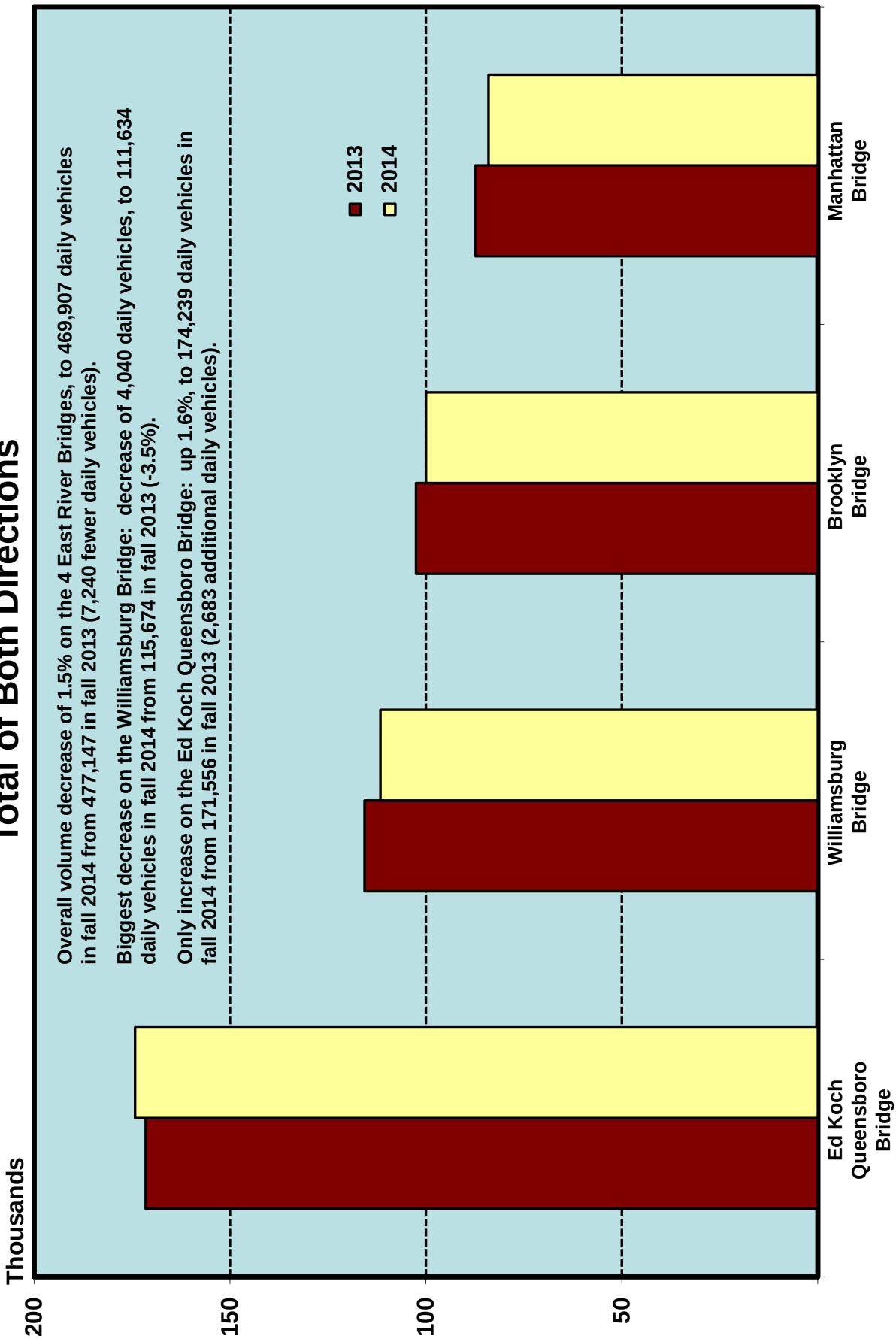
Total of Both Directions



East River Bridges Daily Volumes

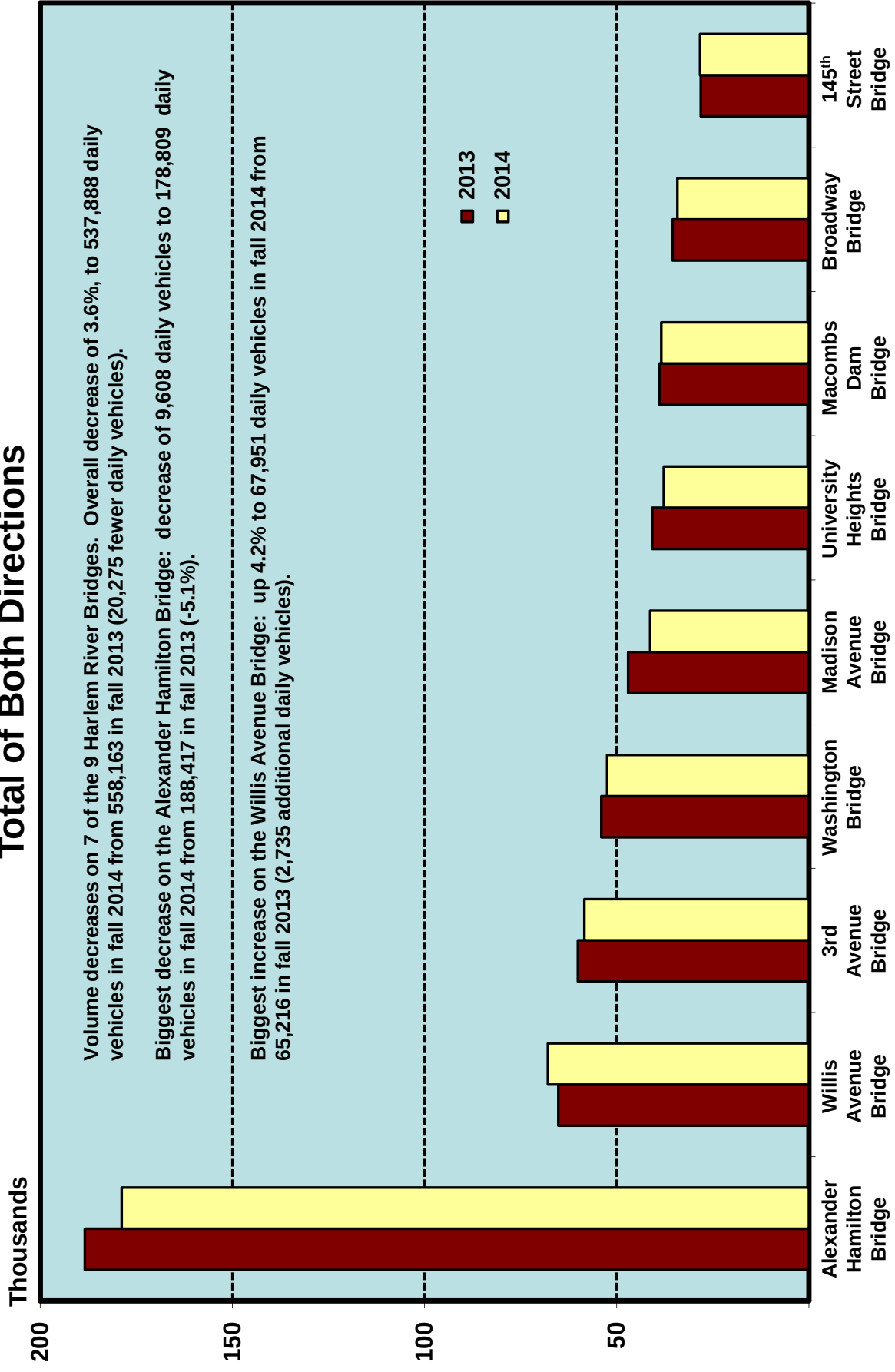
2014 vs. 2013

Total of Both Directions

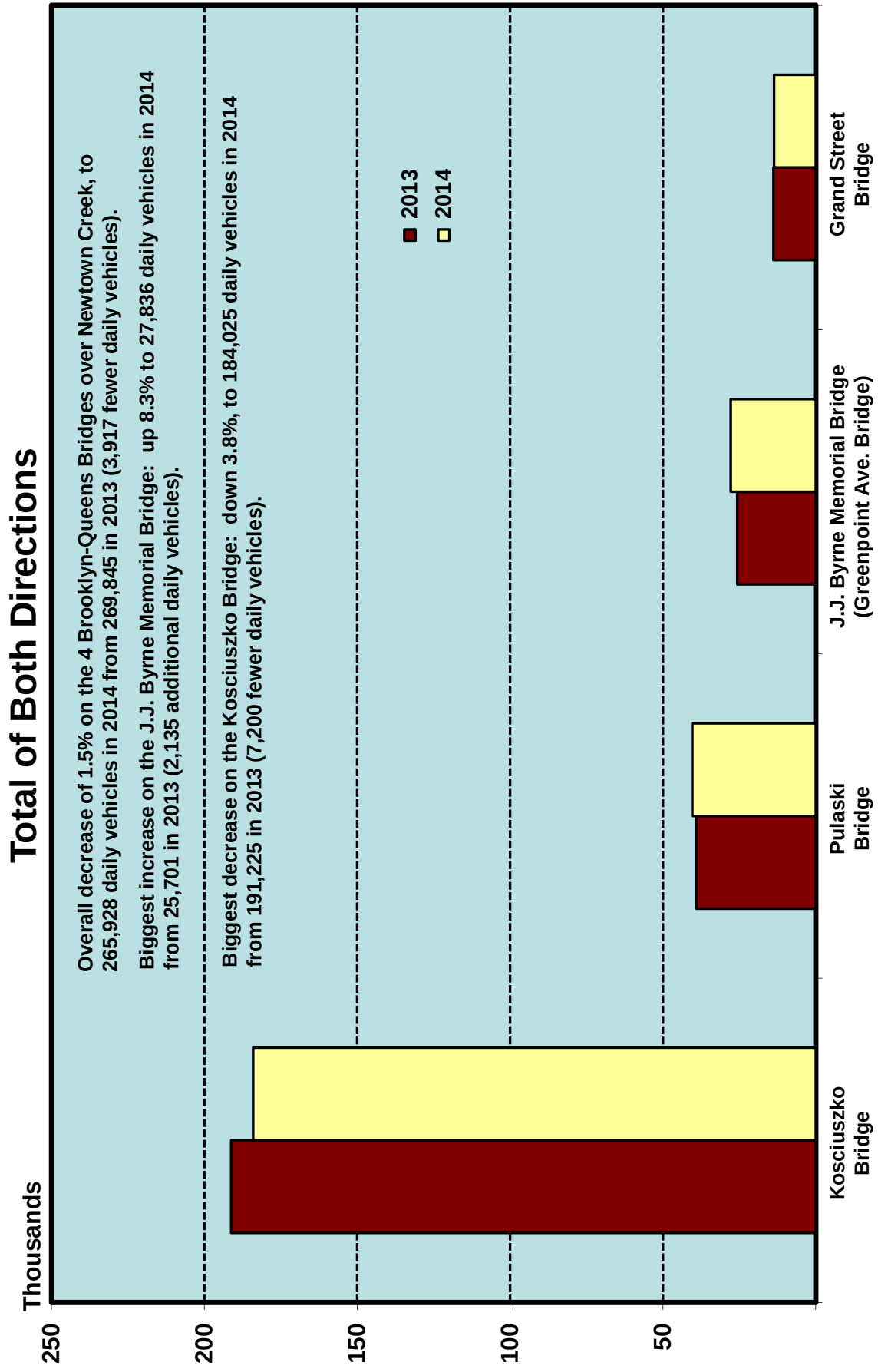


Harlem River Bridges Daily Volumes 2014 vs. 2013

Total of Both Directions

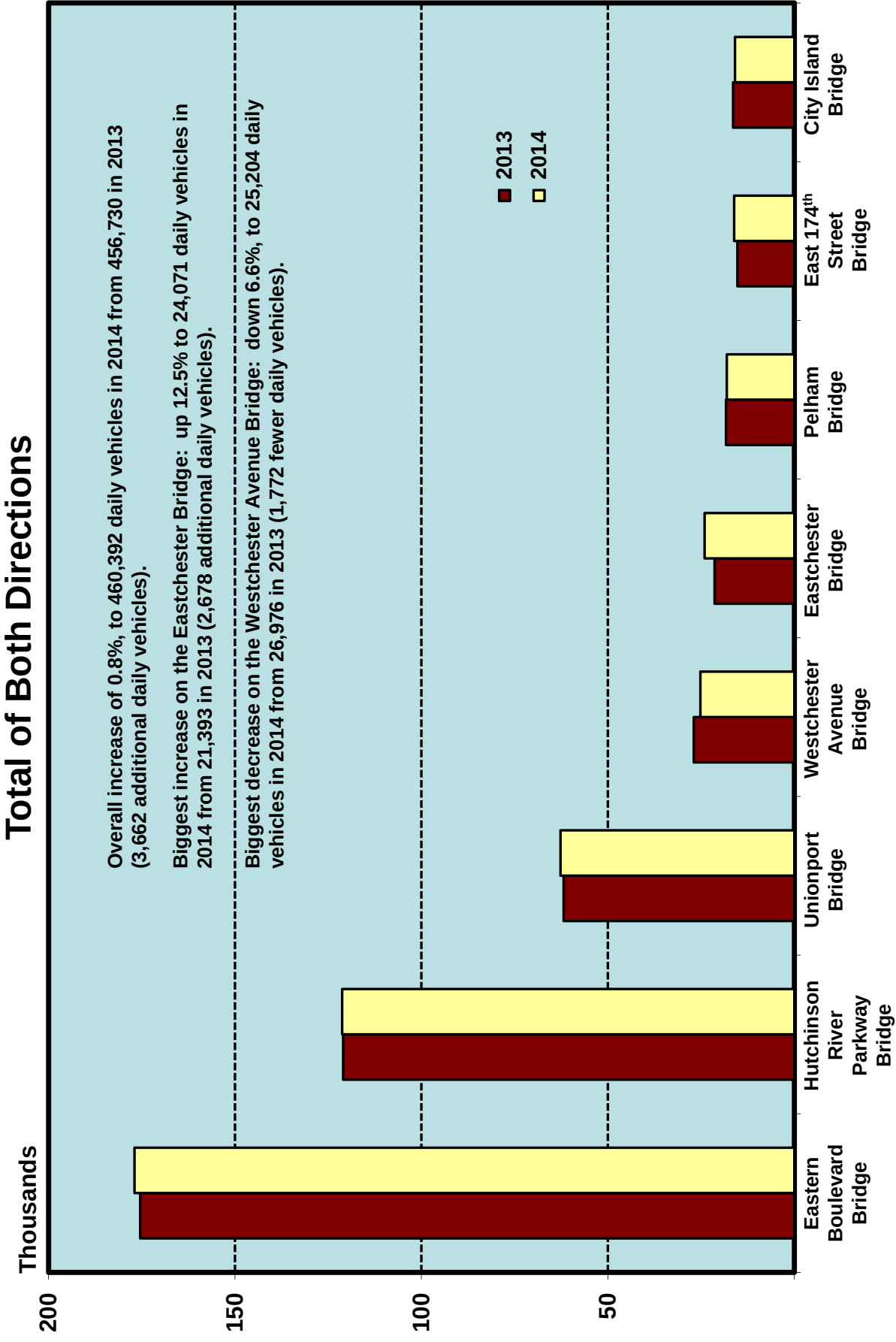


Brooklyn-Queens (Newtown Creek) Bridges Daily Volumes 2014 vs. 2013



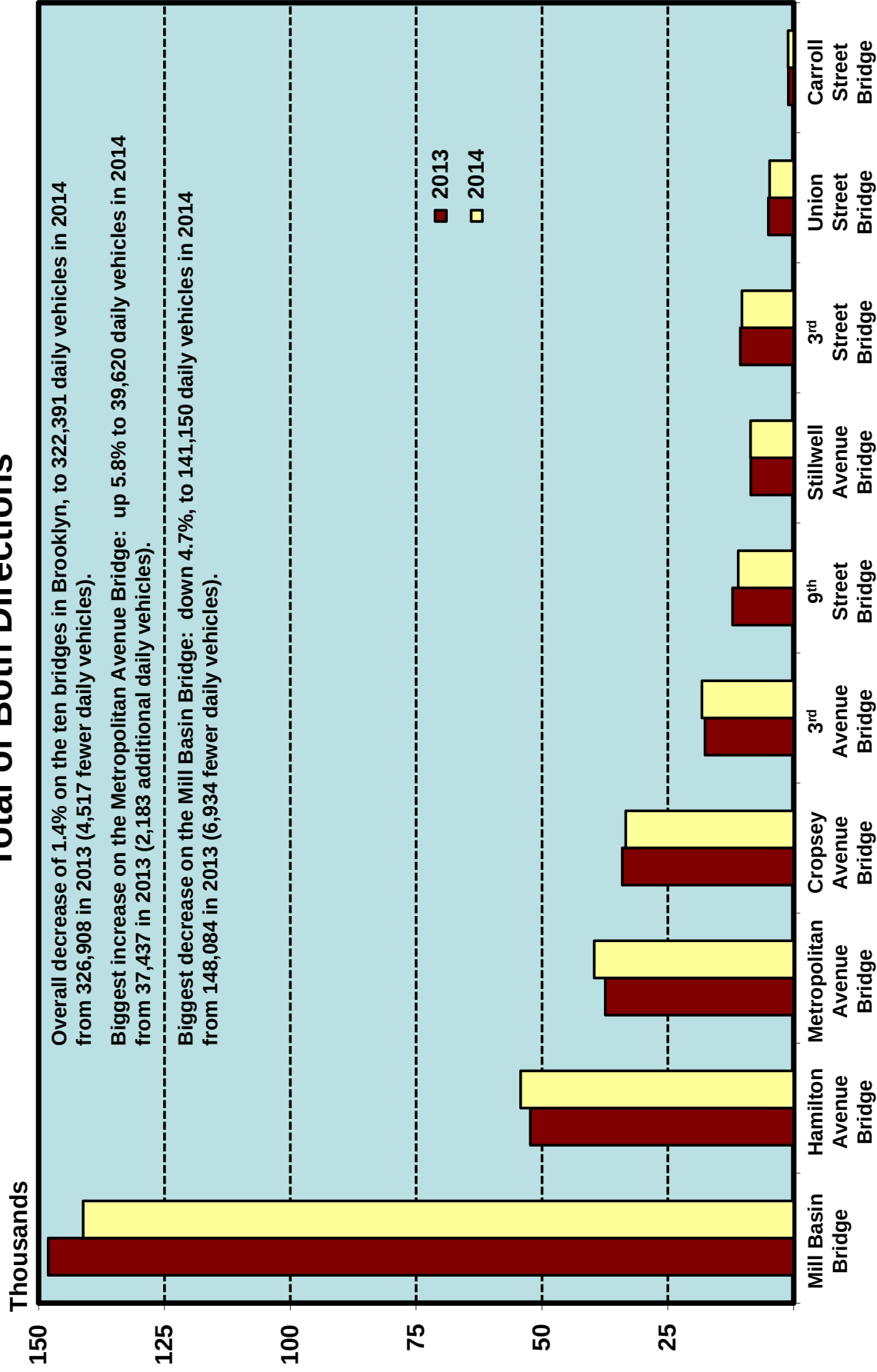
Bronx Bridges Daily Volumes

2014 vs. 2013



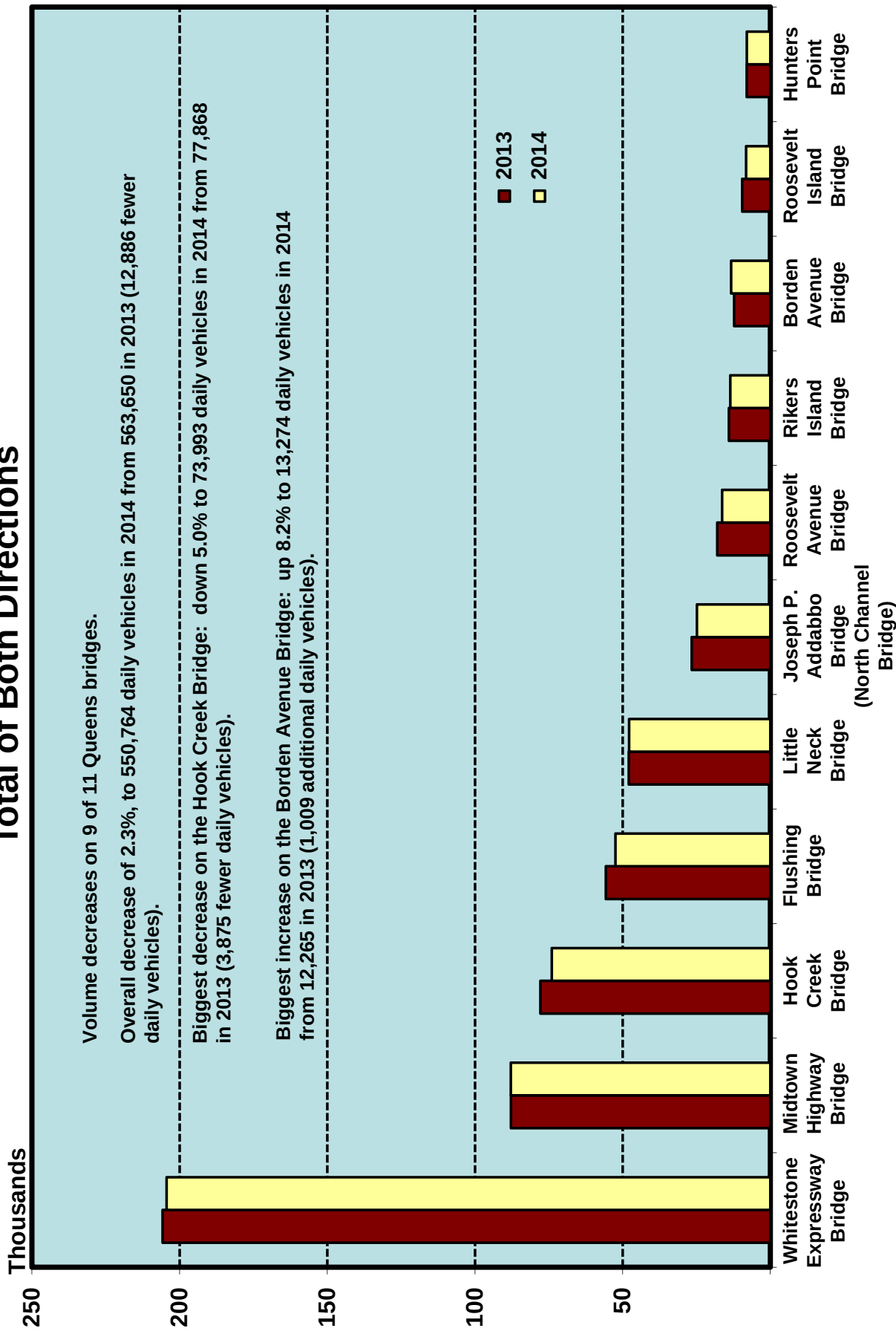
Brooklyn Bridges Daily Volumes 2014 vs. 2013

Total of Both Directions



Queens Bridges Daily Volumes 2014 vs. 2013

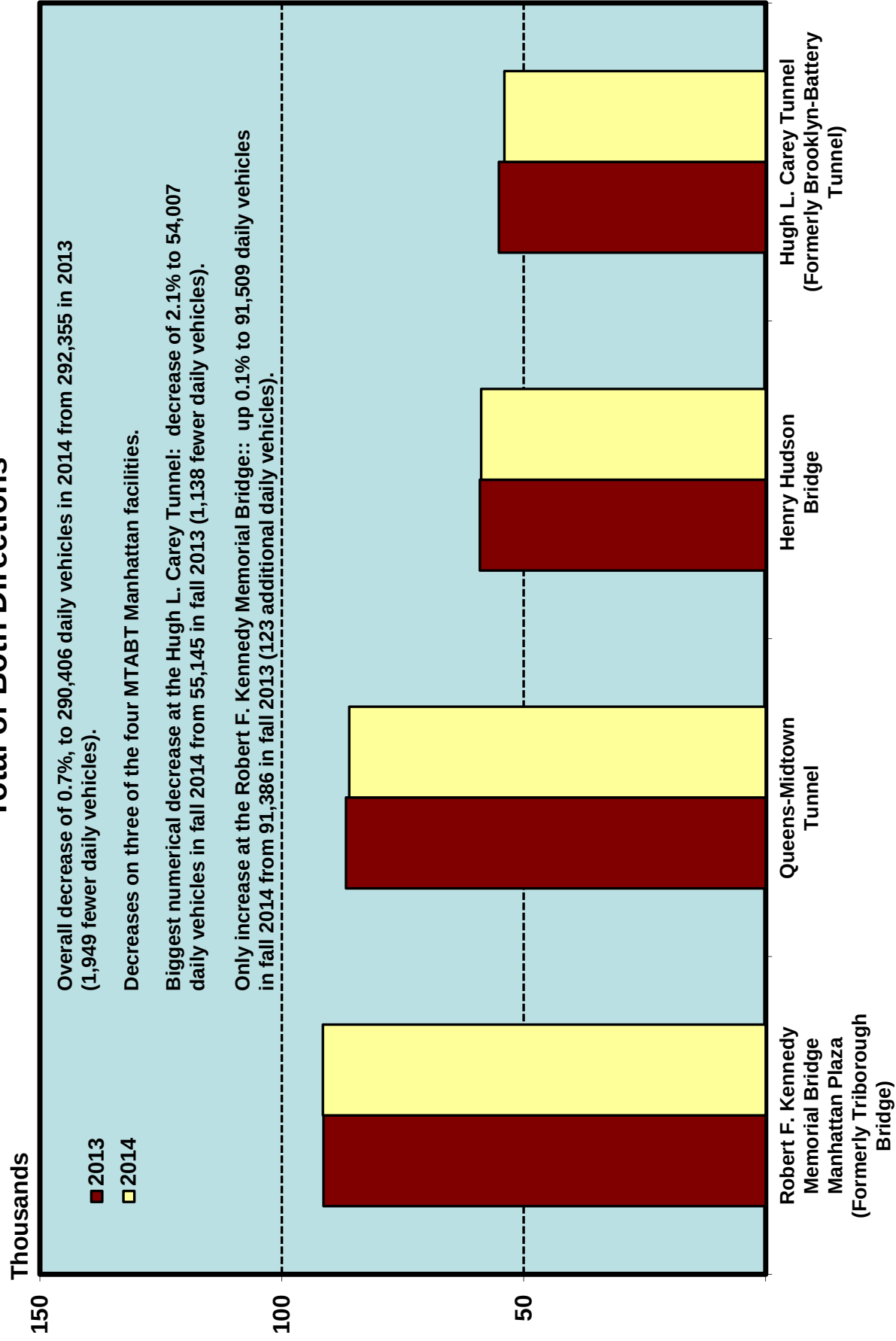
Total of Both Directions



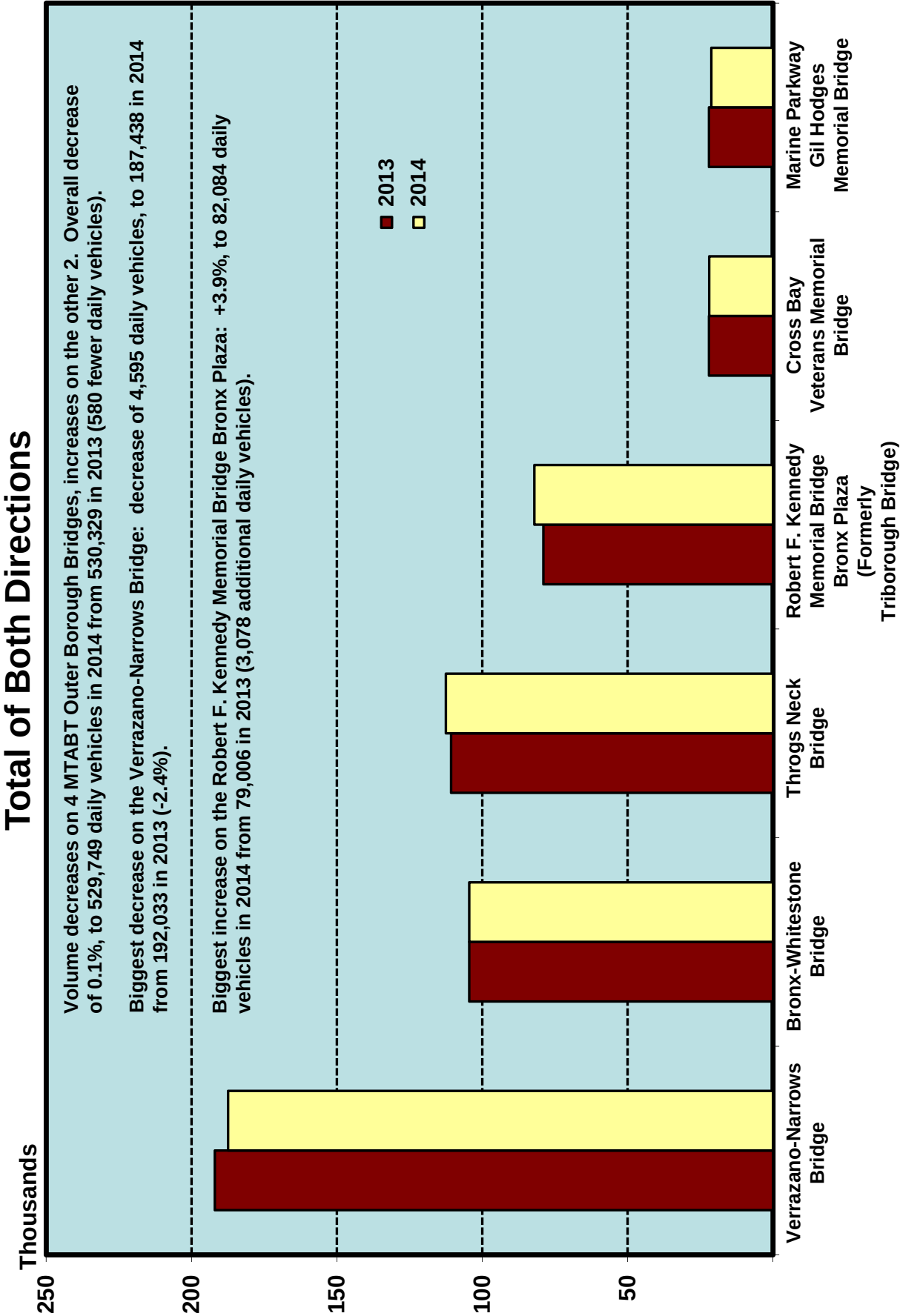
Metropolitan Transportation Authority Bridges & Tunnels (MTABT) Manhattan Facilities Daily Volumes

2014 vs. 2013

Total of Both Directions



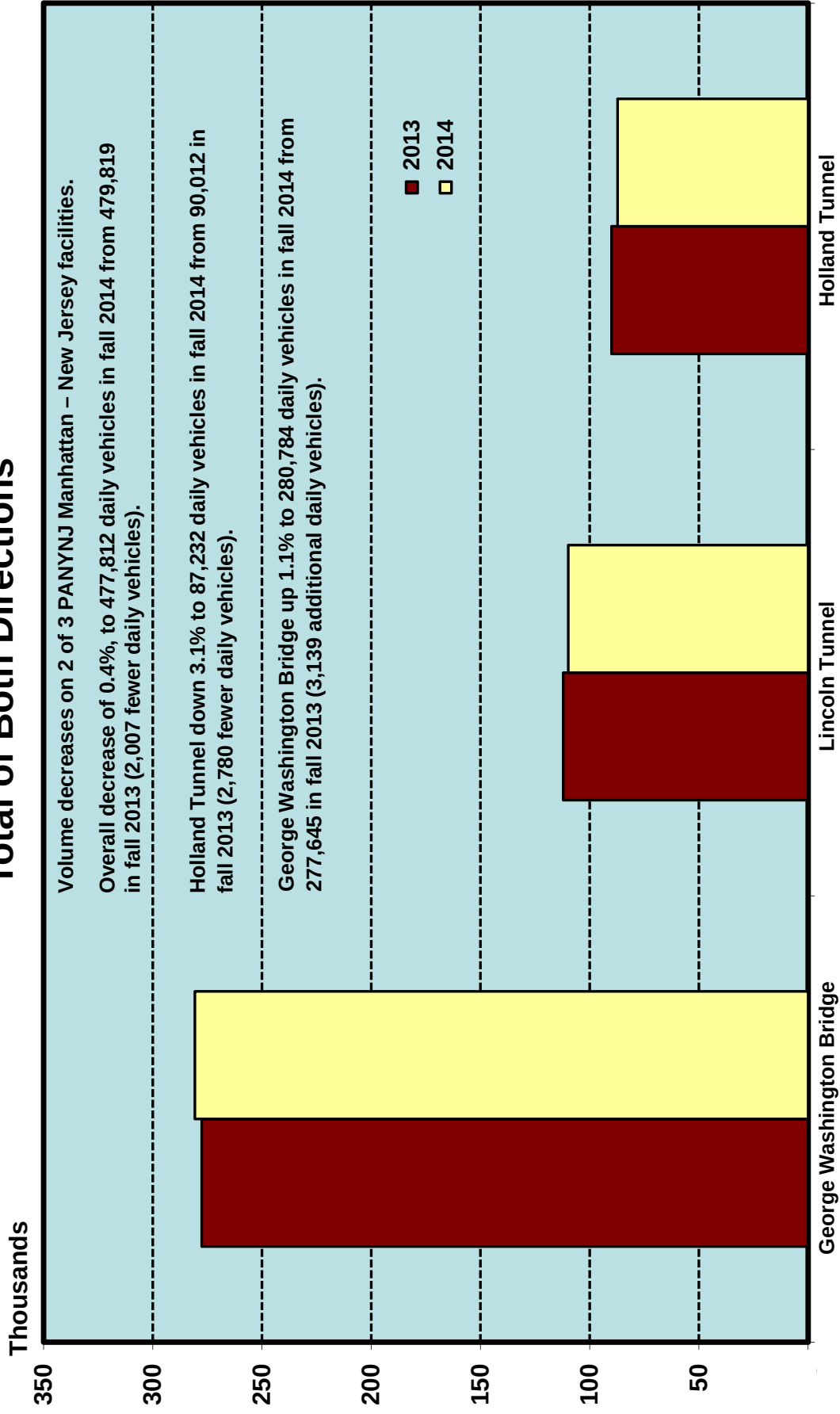
Metropolitan Transportation Authority Bridges & Tunnels (MTABT) Outer Borough Bridges Daily Volumes 2014 vs. 2013



Port Authority of New York & New Jersey (PANYNJ) Manhattan – N.J. Facilities Daily Volumes

2014 vs. 2013

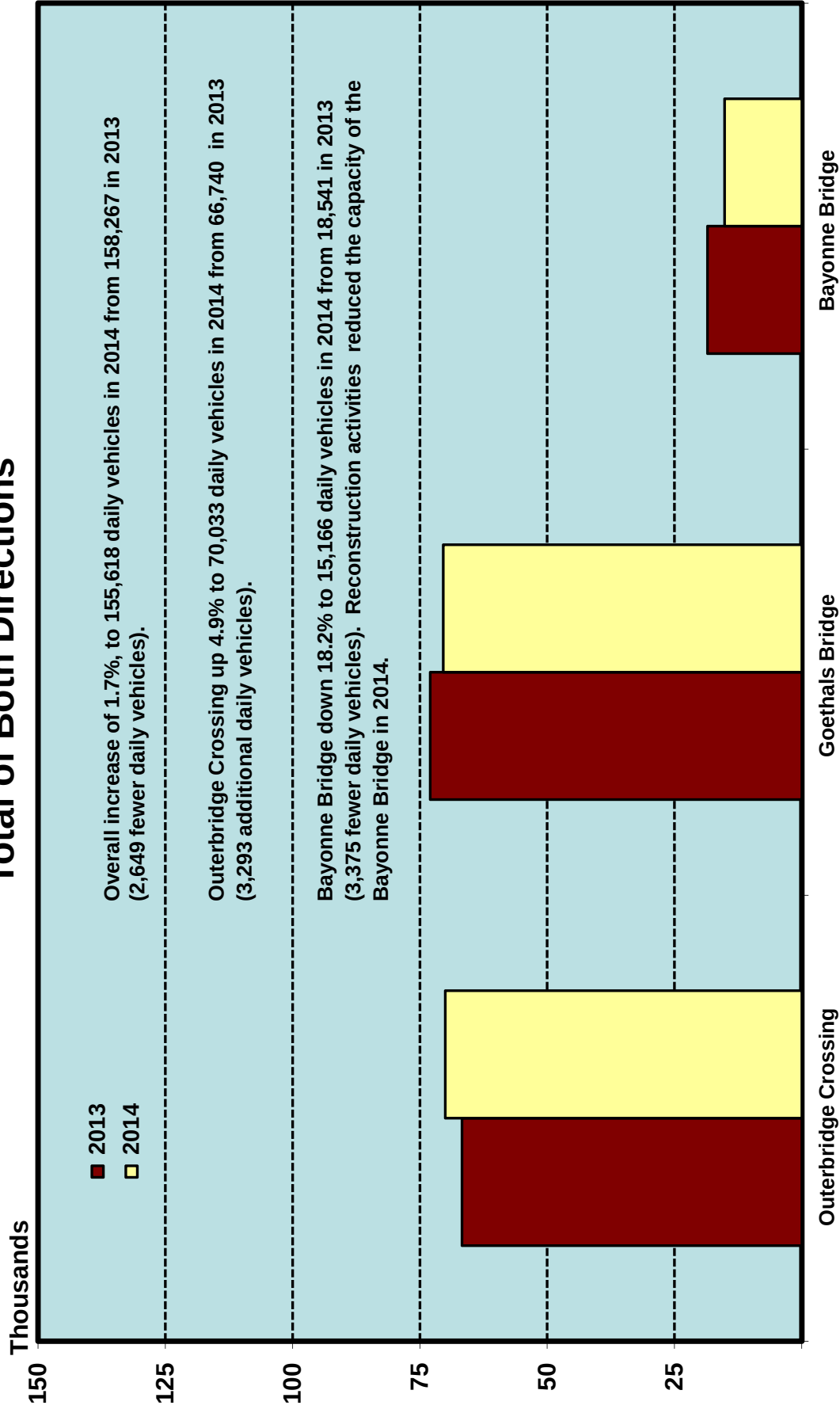
Total of Both Directions



Port Authority of New York & New Jersey (PANYNJ) Staten Island – N.J. Bridges Daily Volumes

2014 vs. 2013

Total of Both Directions



Ten-Year Trends 2004 - 2014



Kosciuszko Bridge over Newtown Creek

Ten-Year Trends: 2004 - 2014

From 2004 to 2014, total traffic on the 47 bridges monitored by the New York City Department of Transportation decreased 2.6%, to 2,666,872 daily vehicles in 2014 from 2,738,915 in 2004 (72,043 fewer daily vehicles).

East River Bridges

- Total traffic on the four East River Bridges decreased 7.4%, to 469,907 daily vehicles in 2014 from 507,989 in 2004 (37,682 fewer daily vehicles).
- Biggest percentage and numerical decrease on the Brooklyn Bridge: -27.3%, to 99,986 daily vehicles in fall 2014 from 137,563 in fall 2004 (37,577 fewer daily vehicles). Throughout 2014, the Brooklyn Bridge was closed to Manhattan-bound traffic during night hours for reconstruction.
- Biggest percentage and numerical increase on the Manhattan Bridge: +6.2%, to 84,048 daily vehicles in fall 2014 from 79,129 in fall 2004 (4,919 additional daily vehicles). Much of this increase was due to diversion from the nearby Brooklyn Bridge which was closed to Manhattan-bound traffic for reconstruction during overnight hours in 2014.

Harlem River Bridges

- Total traffic on the nine Harlem River Bridges decreased 2.6%, to 537,888 daily vehicles in fall 2014 from 552,421 in fall 2004 (14,533 fewer daily vehicles).
- Biggest percentage and numerical increase on the 3rd Avenue Bridge: +24.2%, to 58,447 daily vehicles in fall 2014 from 47,053 in fall 2004 (11,394 additional daily vehicles). Capacity had been reduced throughout 2004 as two of the four lanes were closed round-the-clock for reconstruction.
- Biggest percentage and numerical decrease on the University Heights Bridge: -20.2%, to 37,791 daily vehicles in fall 2014 from 47,350 in fall 2004 (9,559 fewer daily vehicles). Traffic volume was unusually high on this bridge in 2004.

Brooklyn-Queens Bridges

- Total traffic on the four bridges over Newtown Creek between Brooklyn and Queens decreased 3.5%, to 265,928 daily vehicles in 2014 from 275,654 in 2004 (9,726 fewer daily vehicles).
- Biggest percentage and numerical decrease on the Kosciuszko Bridge: -5.0% to 184,025 daily vehicles in 2014 from 193,612 in 2004 (9,587 fewer daily vehicles).
- Minor volume changes on the remaining three bridges over Newtown Creek.

Bronx Bridges

- Total traffic on the eight bridges in The Bronx increased 1.6%, to 460,392 daily vehicles in 2014 from 453,006 in 2004 (7,386 additional daily vehicles).
- Biggest numerical and percentage increase on the East 174th Street Bridge: Increase of 3,960 daily vehicles, to 16,144 in 2014 from 12,184 in 2004 (+32.5%).
- Biggest percentage decrease on the Westchester Avenue Bridge: -6.2%, to 25,204 daily vehicles in 2014 from 26,861 in 2004 (1,657 fewer daily vehicles).
- Biggest numerical decrease on the Eastern Boulevard Bridge: decrease of 1,779 daily vehicles, to 176,945 in 2014 from 178,724 in 2004 (-1.0%).

Brooklyn Bridges

- Total traffic on the ten bridges in Brooklyn decreased 4.0%, to 322,391 daily vehicles in 2014 from 335,921 in 2004 (13,530 fewer daily vehicles).
- Biggest percentage decrease on the Stillwell Avenue Bridge: -17.9%, to 8,569 daily vehicles in 2014 from 10,436 in 2004 (1,867 fewer daily vehicles).
- Biggest numerical decrease on the Hamilton Avenue Bridge: decrease of 5,990 daily vehicles, to 54,250 in 2014 from 60,240 in 2004 (-9.9%).
- Biggest numerical increase on the Metropolitan Avenue Bridge: increase of 1,091 daily vehicles, to 39,620 in 2014 from 38,529 in 2004 (+2.8%).
- Biggest percentage increase on the Union Street Bridge: +8.6%, to 4,777 daily vehicles in 2014 from 4,399 in 2004 (378 additional vehicles).

Queens Bridges

- Total traffic on the eleven bridges in Queens increased 0.2%, to 550,764 daily vehicles in 2014 from 549,619 in 2004 (1,145 additional daily vehicles).
- Biggest numerical increase on the Whitestone Expressway Bridge: increase of 15,532 daily vehicles, to 204,401 in 2014 from 188,869 in 2004 (+8.2%).
- Biggest percentage increase on the Hunters Point Bridge: +15.6%, to 7,960 daily vehicles in 2014 from 6,885 in 2004 (1,075 additional vehicles).
- Biggest numerical decrease on the Flushing Bridge: decrease of 9,248 daily vehicles, to 52,437 in 2014 from 61,685 in 2004 (-15.0%).
- Biggest percentage decrease on the Roosevelt Avenue Bridge: -16.8%, to 16,352 daily vehicles in 2014 from 19,652 in 2004 (3,300 fewer daily vehicles).

Staten Island

- Total traffic on the Fresh Kills Bridge decreased 7.9%, to 59,602 daily vehicles in 2014 from 64,705 in 2004 (5,103 fewer daily vehicles).

MTABT Facilities

- Henry Hudson Bridge traffic decreased 19.5% to 58,809 daily vehicles in fall 2014 from 73,114 in fall 2004 (14,305 fewer daily vehicles).
- Traffic using the Bronx-Whitestone Bridge decreased 11.1% to 104,509 daily vehicles in fall 2014 from 117,591 in fall 2004 (13,082 fewer daily vehicles).
- On the Verrazano-Narrows Bridge, traffic decreased 8.8% to 187,438 daily vehicles in 2014 from 205,544 in 2004 (18,106 fewer daily vehicles).

PANYNJ Facilities

- Traffic using the George Washington Bridge decreased 10.9%, to 280,784 daily vehicles in fall 2014 from 315,066 in 2004 (34,282 fewer daily vehicles).
- Lincoln Tunnel traffic decreased 12.3% to 109,796 daily vehicles in fall 2014 from 125,159 in fall 2004 (15,363 fewer daily vehicles).
- Bayonne Bridge traffic decreased 32.6% to 15,166 daily vehicles in fall 2014 from 22,510 in fall 2004 (7,344 fewer daily vehicles). In 2014, capacity was reduced by major reconstruction work.
- Outerbridge Crossing traffic decreased 12.7% to 70,033 daily vehicles from 80,226 (10,193 fewer daily vehicles).

10-Year Traffic Volume Trends ~ 2004-2014

N.Y.C. Bridges and Tunnels

Both Directions

Page 1 of 3

EAST RIVER BRIDGES	Highway Functional Classification	2004	2014	Percent Change
Brooklyn Bridge	Principal Arterial	137,563	99,986	- 27.3 %
Ed Koch Queensboro Bridge *	Principal Arterial	180,369	174,239	- 3.4 %
Manhattan Bridge	Principal Arterial	79,129	84,048	6.2 %
Williamsburg Bridge	Principal Arterial	110,528	111,634	1.0 %
Total, 4 East River Bridges		507,589	469,907	- 7.4 %

HARLEM RIVER BRIDGES

Alexander Hamilton Bridge	Interstate	175,323	178,809	2.0 %
Broadway Bridge	Principal Arterial	35,190	34,239	- 2.7 %
Macombs Dam Bridge	Principal Arterial	40,558	38,417	- 5.3 %
Madison Avenue Bridge	Principal Arterial	48,723	41,340	- 15.2 %
Third Avenue Bridge	Principal Arterial	47,053	58,447	24.2 %
University Heights Bridge	Principal Arterial	47,350	37,791	- 20.2 %
Washington Bridge	Minor Arterial	57,530	52,537	- 8.7 %
Willis Avenue Bridge	Principal Arterial	74,700	67,951	- 9.0 %
145th Street Bridge	Minor Arterial	25,994	28,357	9.1 %
Total, 9 Harlem River Bridges		552,421	537,888	- 2.6 %

BROOKLYN-QUEENS BRIDGES

Grand Street Bridge	Principal Arterial	13,459	13,662	1.5 %
J.J. Byrne Memorial Bridge **	Principal Arterial	28,437	27,836	- 2.1 %
Kosciuszko Bridge	Interstate	193,612	184,025	- 5.0 %
Pulaski Bridge	Principal Arterial	40,146	40,405	0.6 %
Total, 4 Brooklyn-Queens Bridges (Over Newtown Creek)		275,654	265,928	- 3.5 %

BRONX BRIDGES

City Island Bridge	Minor Arterial	14,528	15,915	9.5 %
East 174th Street Bridge	Minor Arterial	12,184	16,144	32.5 %
Eastchester Bridge	Principal Arterial	22,480	24,071	7.1 %
Eastern Boulevard Bridge	Interstate	178,724	176,945	- 1.0 %
Hutchinson River Parkway Bridge	Principal Arterial	119,029	121,281	1.9 %
Pelham Bridge	Minor Arterial	18,292	18,117	- 1.0 %
Unionport Bridge	Principal Arterial	60,908	62,715	3.0 %
Westchester Avenue Bridge	Principal Arterial	26,861	25,204	- 6.2 %
Total, 8 Bronx Bridges		453,006	460,392	1.6 %

* Queensboro Bridge renamed April 11, 2011.

** J.J. Byrne Memorial Bridge also known as Greenpoint Avenue Bridge.

10-Year Traffic Volume Trends ~ 2004-2014

N.Y.C. Bridges and Tunnels

Both Directions

Page 2 of 3

BROOKLYN BRIDGES	Highway Functional Classification	2004	2014	Percent Change
Carroll Street Bridge	Local	1,099	1,106	0.6 %
Cropsey Avenue Bridge	Principal Arterial	35,104	33,373	- 4.9 %
Hamilton Avenue Bridge	Principal Arterial	60,240	54,250	- 9.9 %
Metropolitan Avenue Bridge	Principal Arterial	38,529	39,620	2.8 %
Mill Basin Bridge	Principal Arterial	145,760	141,150	- 3.2 %
Ninth Street Bridge	Minor Arterial	10,216	11,020	7.9 %
Stillwell Avenue Bridge	Principal Arterial	10,436	8,569	- 17.9 %
Third Avenue Bridge	Principal Arterial	20,292	18,227	- 10.2 %
Third Street Bridge	Minor Arterial	9,846	10,299	4.6 %
Union Street Bridge	Minor Arterial	4,399	4,777	8.6 %

Total, 10 Brooklyn Bridges	335,921	322,391	- 4.0 %
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QUEENS BRIDGES

Borden Avenue Bridge	Minor Arterial	15,765	13,274	- 15.8 %
Flushing Bridge	Principal Arterial	61,685	52,437	- 15.0 %
Hook Creek Bridge	Principal Arterial	73,932	73,993	0.1 %
Hunters Point Bridge	Collector	6,885	7,960	15.6 %
Joseph P. Addabbo Bridge *	Principal Arterial	21,855	24,854	13.7 %
Little Neck Bridge	Principal Arterial	54,165	47,825	- 11.7 %
Midtown Highway Bridge	Interstate	82,732	87,878	6.2 %
Rikers Island Bridge	Collector	14,979	13,578	- 9.4 %
Roosevelt Avenue Bridge	Principal Arterial	19,652	16,352	- 16.8 %
Roosevelt Island Bridge	Collector	9,100	8,212	- 9.8 %
Whitestone Expwy Bridge	Interstate	188,869	204,401	8.2 %

Total, 11 Queens Bridges	549,619	550,764	0.2 %
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STATEN ISLAND

Fresh Kills Bridge	Principal Arterial	64,705	59,602	- 7.9 %
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TOLL-FREE GRAND TOTALS	2,738,915	2,666,872	- 2.6 %
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* Joseph P. Addabbo Bridge also known as North Channel Bridge.

10-Year Traffic Volume Trends ~ 2004-2014

N.Y.C. Bridges and Tunnels

Both Directions

Page 3 of 3

MTABT Manhattan Facilities	Highway Functional Classification	2004	2014	Percent Change
Henry Hudson Bridge	Principal Arterial	73,114	58,809	- 19.6 %
Hugh L. Carey Tunnel *	Interstate	54,488	54,007	- 0.9 %
Queens-Midtown Tunnel	Interstate	86,599	86,081	- 0.6 %
R.F.K. Memorial Bridge Manhattan Plaza **	Principal Arterial	97,958	91,509	- 6.6 %
Total, 4 MTABT Manhattan Crossings		312,159	290,406	- 7.0 %

PANYNJ Manhattan Facilities

George Washington Bridge	Interstate	315,066	280,784	- 10.9 %
Holland Tunnel	Interstate	96,171	87,232	- 9.3 %
Lincoln Tunnel	Principal Arterial	125,159	109,796	- 12.3 %
Total, 3 PANYNJ Manhattan - New Jersey Crossings		536,396	477,812	- 10.9 %

MTABT Outer Borough Bridges

Bronx-Whitestone Bridge	Interstate	117,591	104,509	- 11.1 %
Cross Bay Veterans Memorial Bridge	Minor Arterial	20,460	21,953	7.3 %
Marine Parkway Gil Hodges Memorial Bridge	Minor Arterial	21,556	21,217	- 1.6 %
R.F.K. Memorial Bridge Bronx Plaza **	Interstate	82,810	82,084	- 0.9 %
Throgs Neck Bridge	Interstate	112,001	112,548	0.5 %
Verrazano-Narrows Bridge	Interstate	205,544	187,438	- 8.8 %
Total, 6 MTABT Outer Borough Bridges		559,962	529,749	- 5.4 %

PANYNJ Staten Island Bridges

Bayonne Bridge	Principal Arterial	22,510	15,166	- 32.6 %
Goethals Bridge	Interstate	71,532	70,419	- 1.6 %
Outerbridge Crossing	Principal Arterial	80,226	70,033	- 12.7 %
Total, 3 PANYNJ Staten Island - New Jersey Bridges		174,268	155,618	- 10.7 %

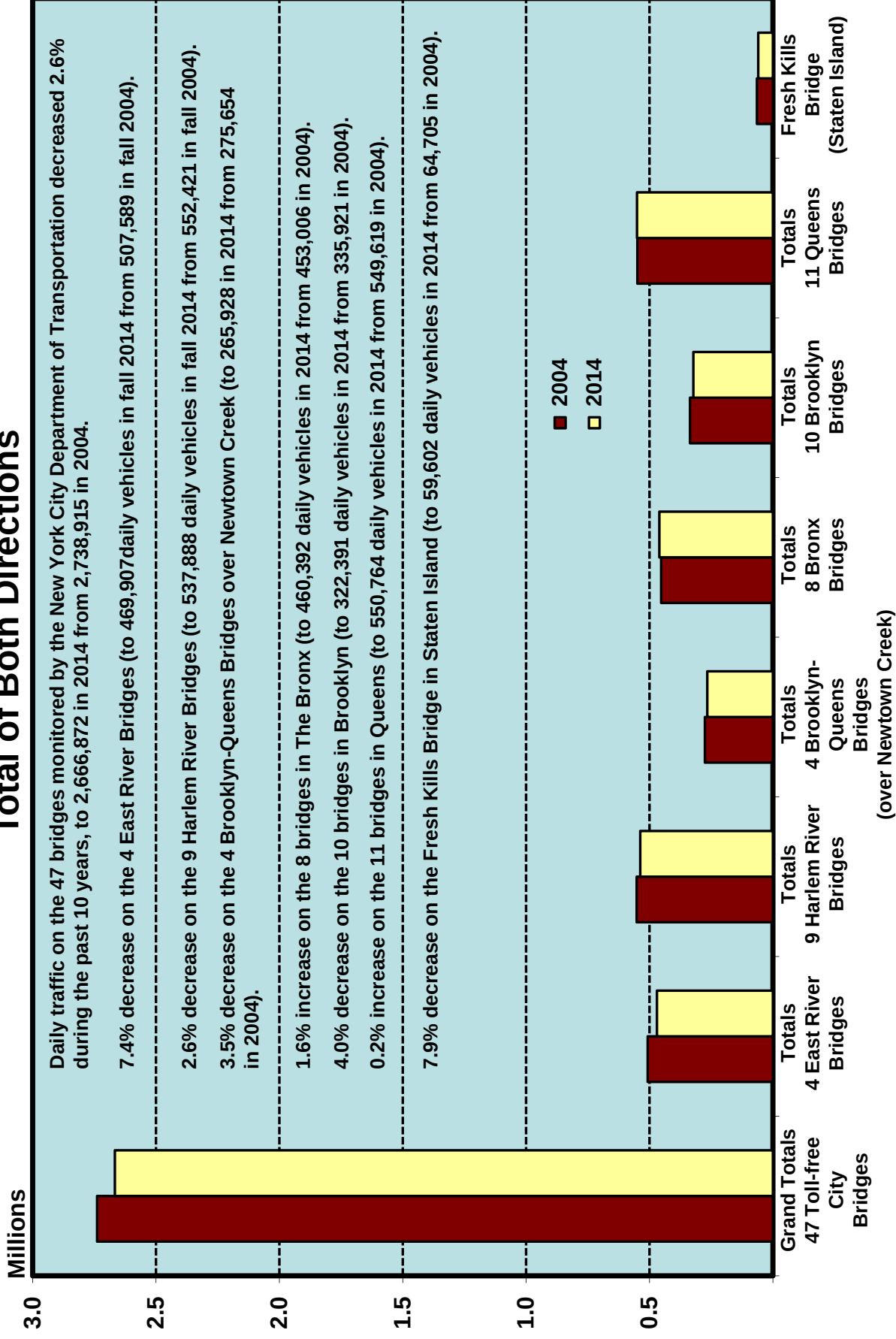
* Formerly Brooklyn-Battery Tunnel, renamed October 22, 2012.

** Formerly Triborough Bridge, renamed November 19, 2008.

10-Year Volume Changes ~ 2004 – 2014

New York City Toll-free Bridges Daily Volumes

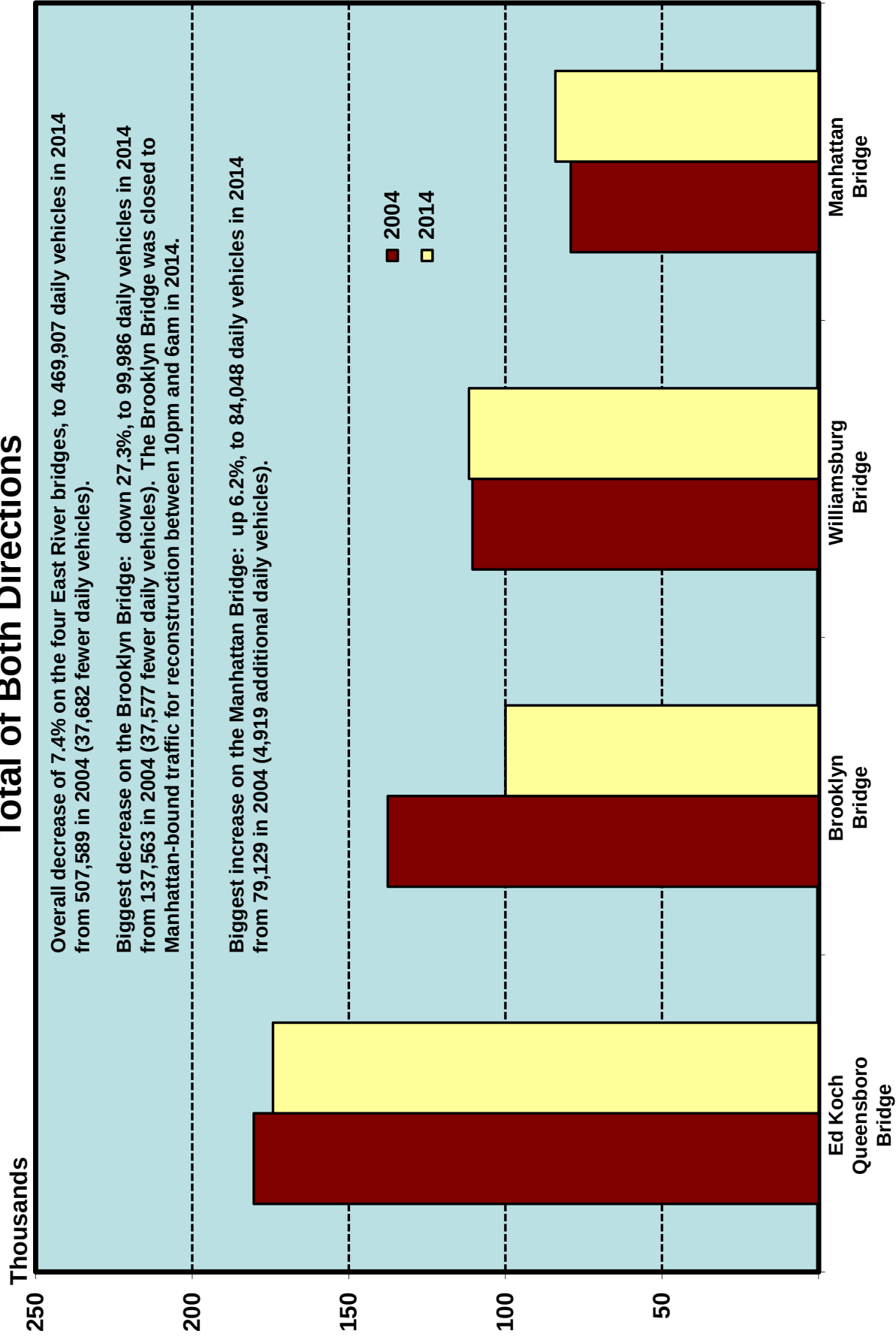
Total of Both Directions



10-Year Volume Changes ~ 2004 – 2014

East River Bridges Daily Volumes

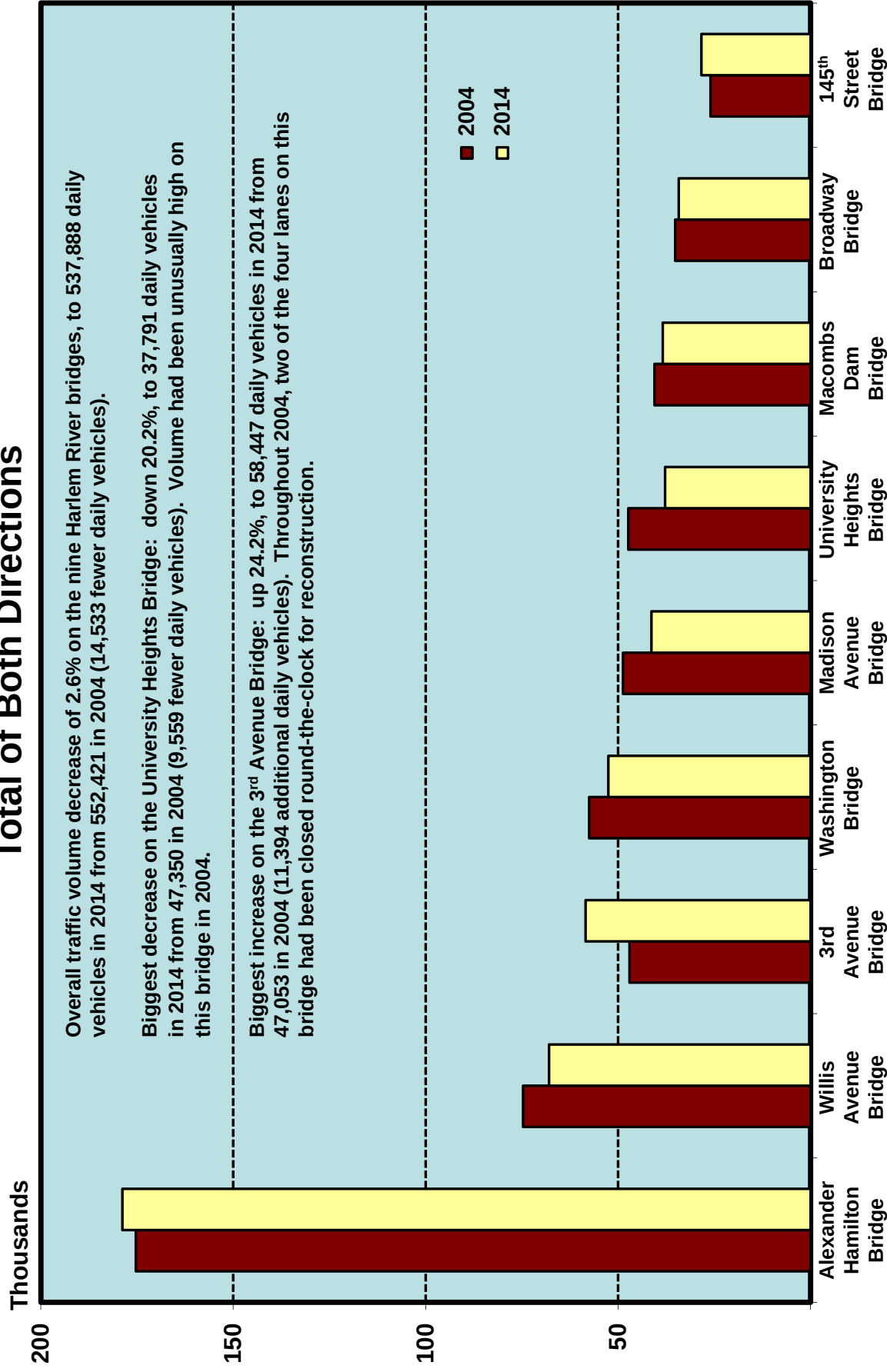
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10-Year Volume Changes ~ 2004 – 2014

Harlem River Bridges Daily Volumes

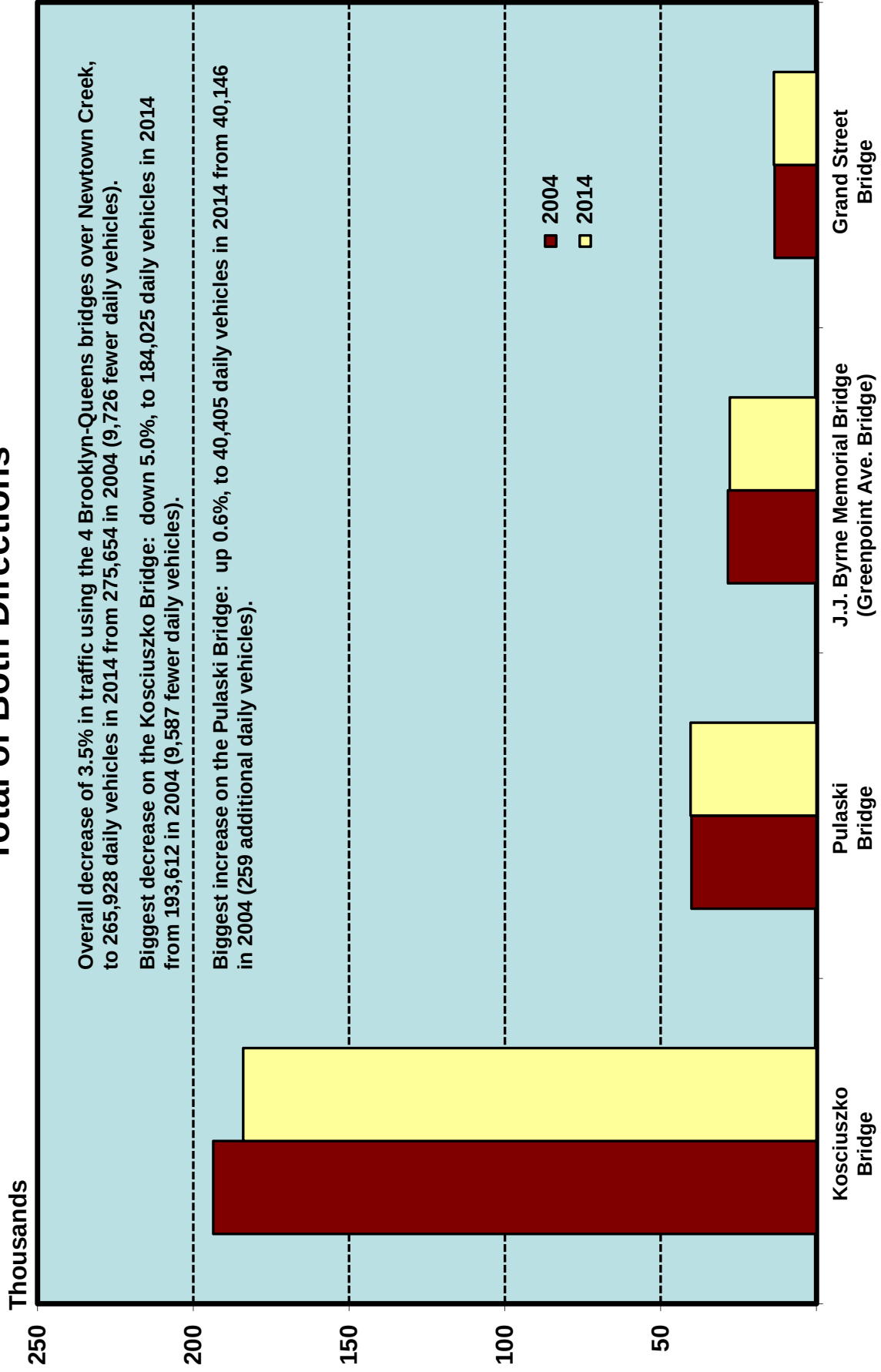
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10-Year Volume Changes ~ 2004 – 2014

Brooklyn-Queens (Newtown Creek) Bridges Daily Volumes

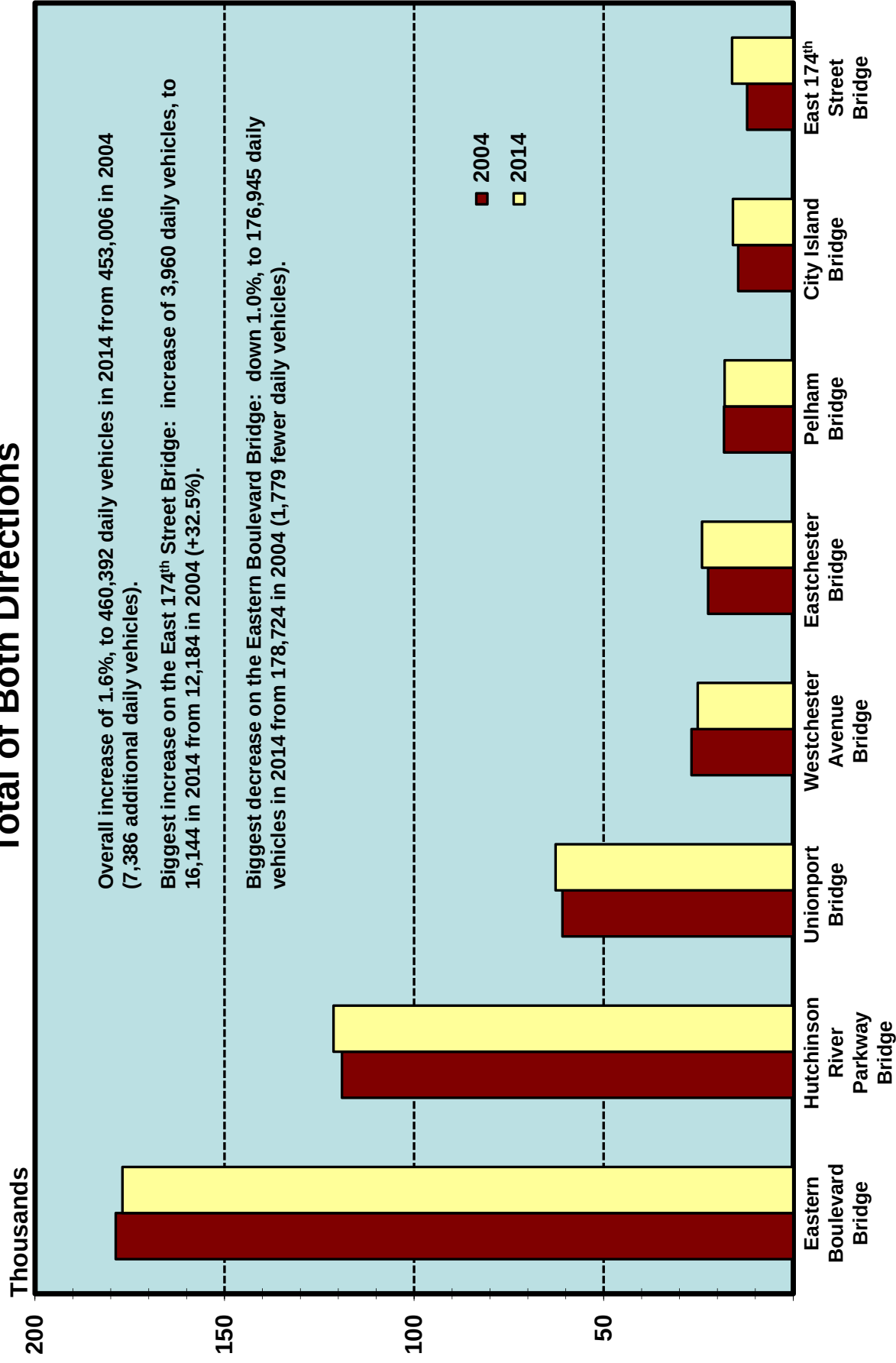
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10-Year Volume Changes ~ 2004 – 2014

Bronx Bridges Daily Volumes

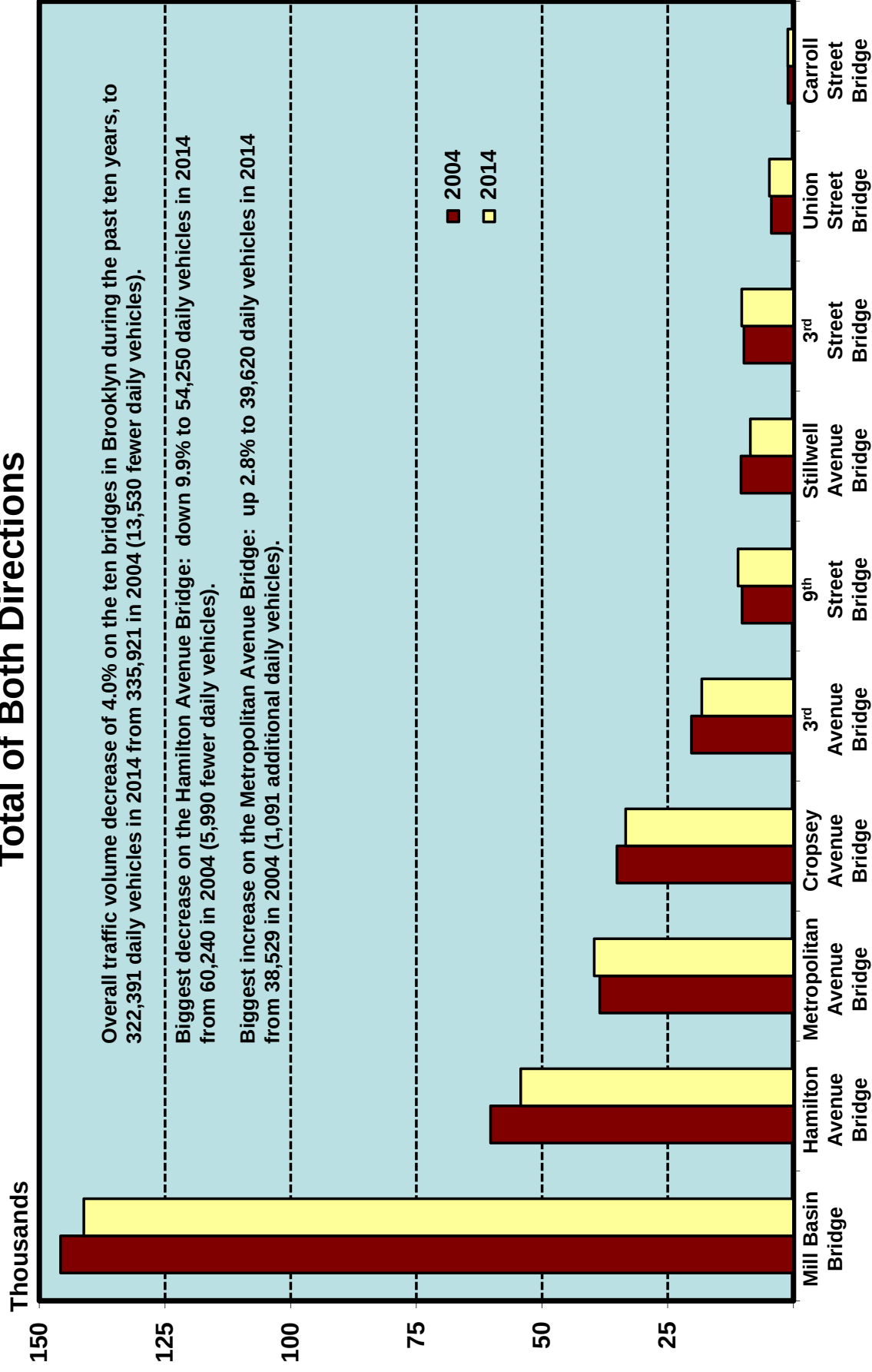
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10-Year Volume Changes ~ 2004 – 2014

Brooklyn Bridges Daily Volumes

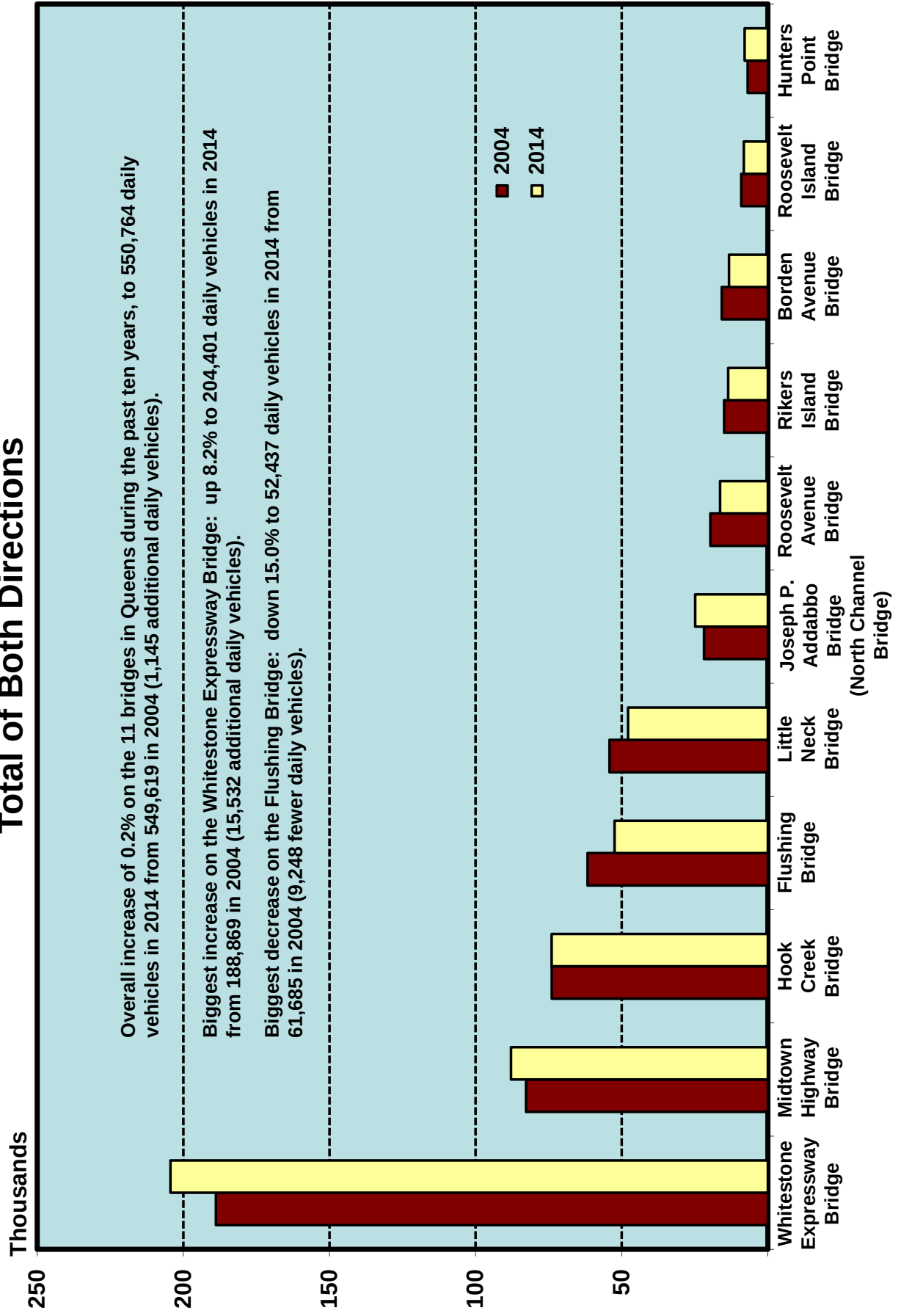
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10-Year Volume Changes ~ 2004 – 2014

Queens Bridges Daily Volumes

Total of Both Directions

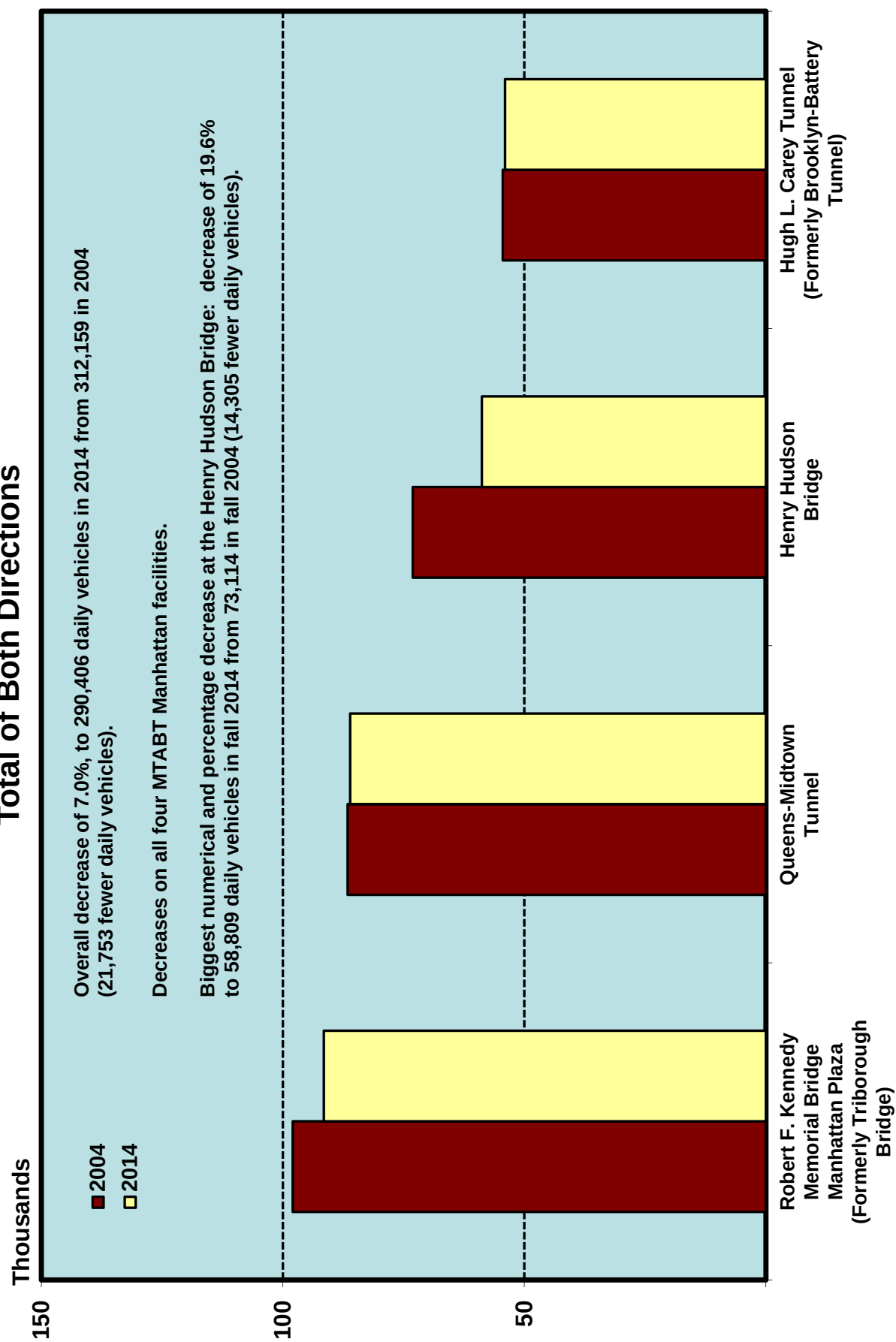


10-Year Volume Changes ~ 2004 – 2014

Metropolitan Transportation Authority Bridges & Tunnels (MTABT)

Manhattan Facilities Daily Volumes

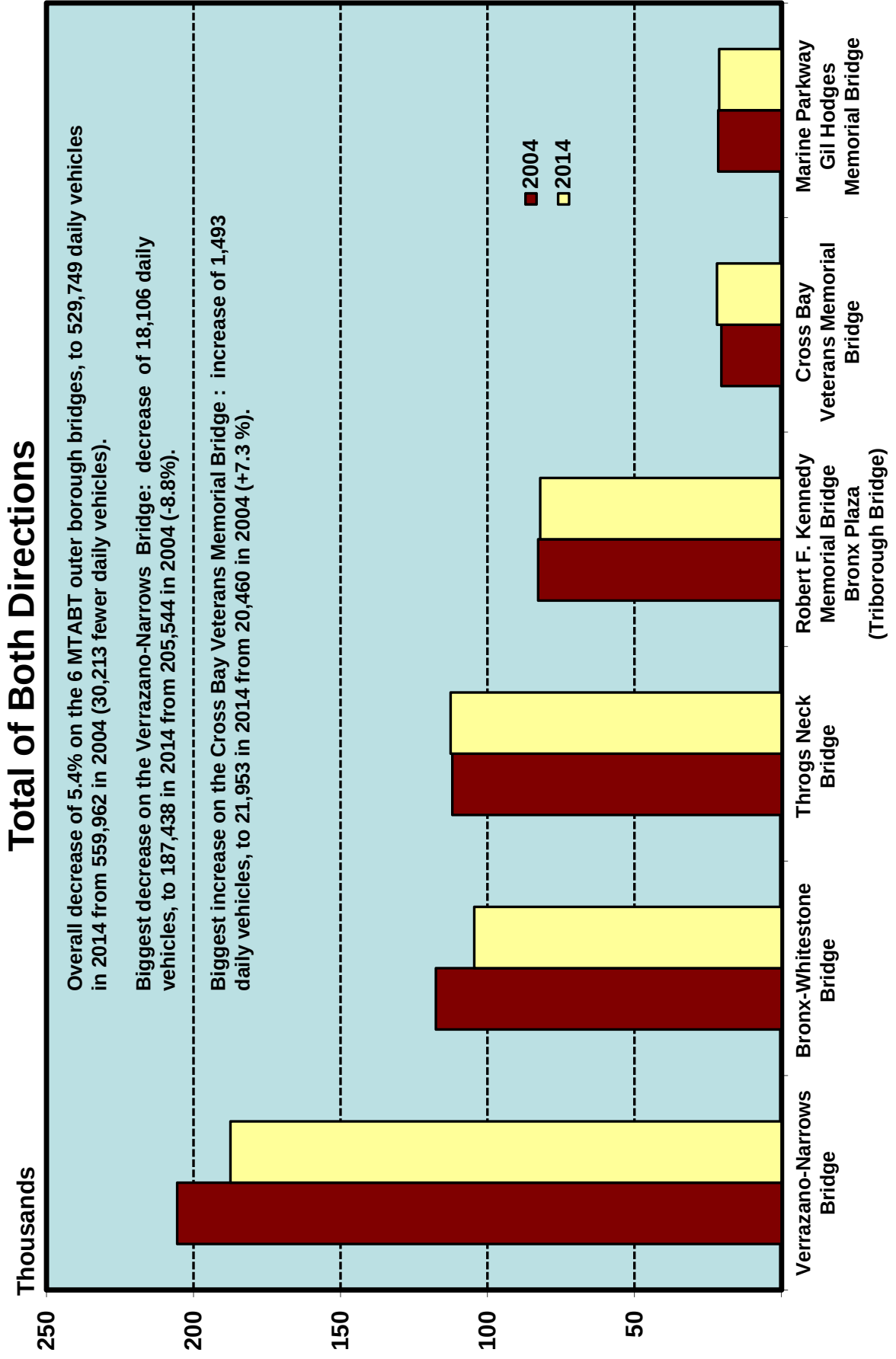
Total of Both Directions



10-Year Volume Changes ~ 2004 – 2014

Metropolitan Transportation Authority Bridges & Tunnels (MTABT)

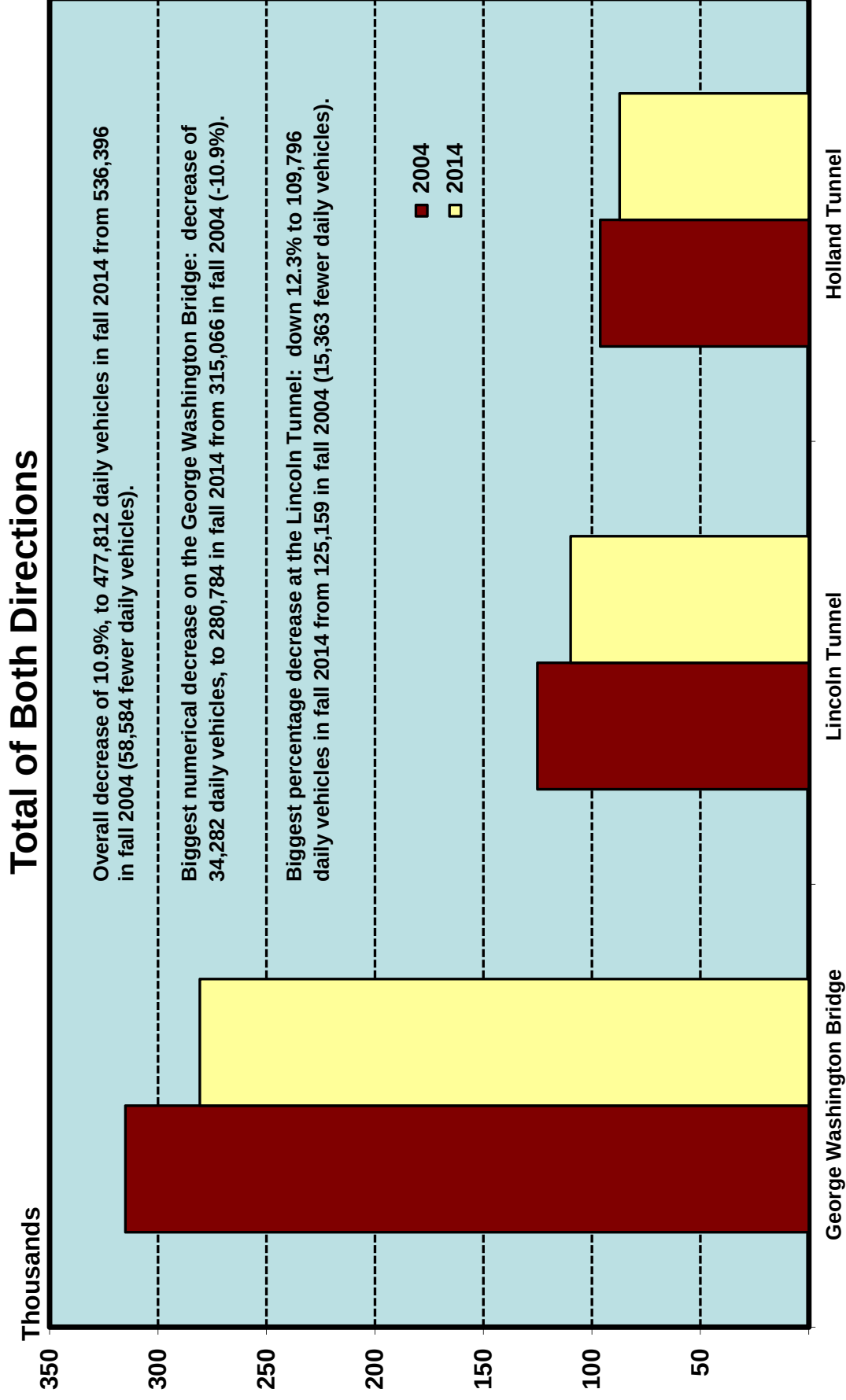
Outer Borough Bridges Daily Volumes



10-Year Volume Changes ~ 2004 – 2014

Port Authority of New York & New Jersey (PANYNJ)

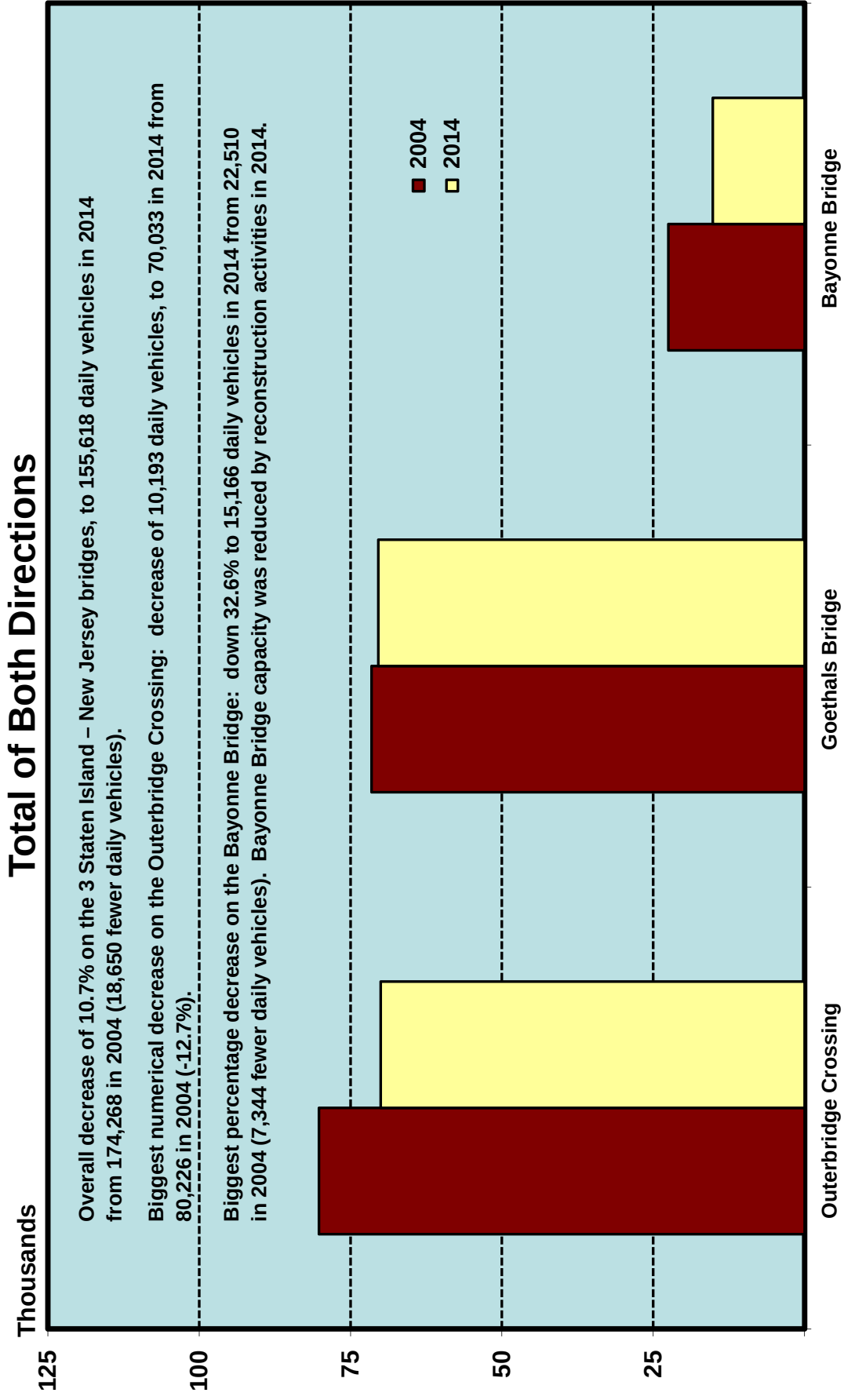
Manhattan – N.J. Facilities Daily Volumes



10-Year Volume Changes ~ 2004 – 2014

Port Authority of New York & New Jersey (PANYNJ)

Staten Island – N.J. Bridges Daily Volumes



Historic Trends

Hutchinson River Parkway Bridge



Historic Trends

In 1948, traffic on the 47 bridges monitored by the New York City Department of Transportation was 923,996 daily trips. By 1968, that figure had more than doubled, to 1,911,838. In 2014, it stood at 2,666,872 daily trips, nearly three times the 1948 volume.

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 reached 125,133 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 2,058,642 vehicles per day. This was followed by a downward trend between 1971 and 1979. Daily bridge traffic in 1979 was 64,534 below the 1969 level. Thereafter, bridge traffic increased in most years, with 700,475 more daily vehicles crossing the 47 bridges in 2014 than in 1979.

1948 - 1964

- Between 1948 and 1964, bridge traffic increased 83.8% on the 44 monitored bridges open during that period, to 1,698,759 daily vehicles in 1964 from 923,996 in 1948 (774,763 additional daily vehicles).
- Large increases in daily traffic occurred at the following bridges:
 - Brooklyn Bridge over the East River between Manhattan and Brooklyn: up 116.8% to 80,230 daily vehicles in 1964 from 37,011 in 1948 (+43,219 daily vehicles).
 - Ed Koch Queensboro Bridge over the East River between Manhattan and Queens: up 45.3% to 120,900 from 83,201 (+37,699 daily vehicles).
 - Williamsburg Bridge over the East River between Manhattan and Brooklyn: up 71.1% to 80,650 from 47,139 (+33,511 daily vehicles).
 - 3rd Avenue Bridge over the Harlem River between The Bronx and Manhattan: up 101.4% to 63,250 from 31,403 (+31,847 daily vehicles).
 - Willis Avenue Bridge over the Harlem River between Manhattan and The Bronx: up 119.9% to 65,190 from 29,648 (+35,542 daily vehicles).
 - Kosciuszko Bridge along the Brooklyn-Queens Expressway over Newtown Creek: up 226.0% to 106,790 from 32,761 (+74,029 daily vehicles).
 - Eastern Boulevard Bridge along Bruckner Expressway (I-278) over the Bronx River in The Bronx: up 112.4% to 94,660 from 44,563 (+50,097 daily vehicles).
 - Hutchinson River Parkway Bridge over the Hutchinson River in The Bronx: up 150.5% to 37,790 from 15,085 (+22,705 daily vehicles).
 - Unionport Bridge along Bruckner Boulevard over Westchester Creek in The Bronx: up 259.2% to 134,200 from 37,359 (+96,841 daily vehicles).
 - Hamilton Avenue Bridge over Gowanus Canal in Brooklyn: up 229.4% to 39,970 from 12,135 (+27,835 daily vehicles).
 - Mill Basin Bridge along Belt Parkway in Brooklyn: up 268.7% to 80,270 from 21,773 (+58,497 daily vehicles).
 - Hook Creek Bridge along Rockaway Boulevard in Queens: up 301.5% to 38,620 from 9,620 (+29,000 daily vehicles).
 - Midtown Highway Bridge on the Long Island Expressway over Dutch Kills in Queens: up 110.8% to 60,610 daily vehicles in 1964 from 28,754 in 1948 (+31,856 daily vehicles).

- Whitestone Expressway Bridge over the Flushing River in Queens: up 205.8% to 83,450 daily vehicles in 1964 from 27,290 in 1948 (+56,160 daily vehicles).
- The only major decrease from 1948 to 1964 occurred on the Manhattan Bridge over the East River between Manhattan and Brooklyn: down 31.7%, to 59,250 daily vehicles in 1964 from 86,717 in 1948 (27,467 fewer daily vehicles).

1964 - 1974

- Between 1964 and 1974, bridge traffic increased 10.2% on the 46 monitored bridges open during that period, to 1,972,271 daily vehicles from 1,790,039 (182,232 additional daily vehicles).
- Significant increases in daily traffic occurred on the following bridges:
 - Brooklyn Bridge over the East River between Manhattan and Brooklyn: up 24.6% to 99,959 daily vehicles in 1974 from 80,230 in 1964 (+19,729 daily vehicles).
 - Alexander Hamilton Bridge over the Harlem River between Manhattan and The Bronx: up 65.0% to 144,909 daily vehicles from 87,840 (+57,069 daily vehicles).
 - Eastern Boulevard Bridge along Bruckner Expressway (I-278) over the Bronx River in The Bronx: up 31.7% to 124,668 daily vehicles from 94,660 (+30,008 daily vehicles).
 - Mill Basin Bridge along Belt Parkway in Brooklyn: up 33.9% to 107,455 from 80,270 (+27,185 daily vehicles).
 - Whitestone Expressway Bridge over the Flushing River in Queens: up 47.6% to 123,204 from 83,450 (+39,754 daily vehicles).
 - Fresh Kills Bridge over Richmond Creek in Staten Island: up 141.2% to 36,207 from 15,010 (+21,197 daily vehicles).
- Significant decreases in daily traffic occurred on the following bridges:
 - Willis Avenue Bridge over the Harlem River between Manhattan and The Bronx: down 18.2% to 53,322 daily vehicles in 1974 from 65,190 in 1964 (-11,868 daily vehicles).
 - Unionport Bridge in The Bronx: down 75.0% to 33,528 daily vehicles in 1974 from 134,200 in 1964 (-100,672 daily vehicles). The Bruckner Interchange was completed in 1972.

1974 - 1984

- From 1974 to 1984, total traffic on the 47 monitored bridges increased 12.8%, to 2,229,760 daily vehicles from 1,977,065 (252,695 additional daily vehicles).
- The most significant increases occurred on the following bridges:
 - Williamsburg Bridge over the East River between Manhattan and Brooklyn: up 20.3% to 94,898 daily vehicles in 1984 from 78,914 in 1974 (+15,984 daily vehicles).
 - Alexander Hamilton Bridge over the Harlem River between Manhattan and The Bronx: up 13.7% to 164,734 daily vehicles in 1984 from 144,909 in 1974 (+19,825 daily vehicles).
 - Kosciuszko Bridge along the Brooklyn-Queens Expressway (I-278) over Newtown Creek: up 36.3% to 164,865 daily vehicles in 1984 from 120,949 in 1974 (+43,916 daily vehicles).
 - Hutchinson River Parkway Bridge over the Hutchinson River in The Bronx: up 46.5% to 69,925 daily vehicles in 1984 from 47,737 in 1974 (+22,188 daily vehicles).

- Midtown Highway Bridge over Dutch Kills in Queens: up 30.6% to 89,000 daily vehicles in 1984 from 68,127 in 1974 (+20,873 daily vehicles).
- The most significant decreases were as follows:
 - Ed Koch Queensboro Bridge over the East River between Manhattan and Queens: down 3.2% to 134,107 daily vehicles in 1984 from 138,560 in 1974 (4,453 fewer daily vehicles).
 - Joseph P. Addabbo Bridge over Pumpkin Patch Channel in Queens: down 16.5% to 16,323 daily vehicles in 1984 from 19,541 in 1974 (3,218 fewer daily vehicles).

1984 - 1994

- From 1984 to 1994, daily traffic increased 6.6% on the 47 bridges, to 2,375,969 daily vehicles from 2,229,760 (146,209 additional daily vehicles).
- Significant increases in daily traffic occurred on the following bridges:
 - Brooklyn Bridge over the East River between Manhattan and Brooklyn: up 22.1% to 134,837 daily vehicles in 1994 from 110,432 in 1984 (+24,405 daily vehicles).
 - Ed Koch Queensboro Bridge over the East River between Manhattan and Queens: up 13.0% to 151,483 daily vehicles in 1994 from 134,107 in 1984 (+17,376 daily vehicles).
 - Mill Basin Bridge along Belt Parkway in Brooklyn: up 21.9% to 134,605 daily vehicles in 1994 from 110,458 in 1984 (+24,147 daily vehicles).
 - Whitestone Expressway Bridge over the Flushing River in Queens: up 20.1% to 155,969 daily vehicles in 1994 from 129,834 in 1984 (+26,135 daily vehicles).
- Significant decreases occurred on the following bridges:
 - Manhattan Bridge over the East River between Manhattan and Brooklyn: down 12.0% to 78,418 daily vehicles in 1994 from 89,104 in 1984 (10,686 fewer daily vehicles).
 - Williamsburg Bridge over the East River between Manhattan and Brooklyn: down 12.0% to 83,525 daily vehicles in 1994 from 94,898 in 1984 (11,373 fewer daily vehicles).
 - Madison Avenue Bridge over the Harlem River between Manhattan and The Bronx: down 30.7% to 22,923 daily vehicles in 1994 from 33,101 in 1984 (10,178 fewer daily vehicles). Reconstruction activities caused half this bridge to be closed round-the-clock in 1994.
 - Midtown Highway Bridge on the Long Island Expressway (I-495) over Dutch Kills in Queens: down 25.1% to 66,633 daily vehicles in 1994 from 89,000 in 1984 (22,367 fewer daily vehicles).

1994 - 2004

- From 1994 to 2004, bridge traffic increased 15.3%, to 2,738,915 daily vehicles from 2,375,969 (362,946 additional daily vehicles).
- Significant increases in daily traffic occurred on the following bridges:
 - Ed Koch Queensboro Bridge over the East River: up 19.1% to 180,369 daily vehicles in 2004 from 151,483 in 1994 (+28,886 daily vehicles).
 - Williamsburg Bridge over the East River: up 32.3% to 110,528 daily vehicles in 2004 from 83,525 in 1994 (+27,003 daily vehicles).

- Madison Avenue Bridge over the Harlem River: up 112.6% to 48,723 daily vehicles in 2004 from 22,923 in 1994 (+25,800 daily vehicles). In 1994, reconstruction activities had caused half this bridge to be closed round-the-clock.
- Kosciuszko Bridge along the Brooklyn-Queens Expressway over Newtown Creek: up 16.4% to 193,612 daily vehicles in 2004 from 166,354 in 1994 (27,258 additional daily vehicles).
- Eastern Boulevard Bridge on Bruckner Expressway over the Bronx River in The Bronx: up 42.3% to 178,724 daily vehicles in 2004 from 125,592 in 1994 (+53,132 daily vehicles).
- Hutchinson River Parkway Bridge over the Hutchinson River in The Bronx: up 47.4% to 119,029 daily vehicles in 2004 from 80,773 in 1994 (+38,256 daily vehicles).
- Unionport Bridge along Bruckner Boulevard over Westchester Creek in The Bronx: up 45.3% to 60,908 daily vehicles in 2004 from 41,910 in 1994 (+18,998 daily vehicles).
- Midtown Highway Bridge (I-495) over Dutch Kills in Queens: up 24.2% to 82,732 daily vehicles in 2004 from 66,633 in 1994 (+16,099 daily vehicles).
- Whitestone Expressway Bridge over the Flushing River in Queens: up 21.1% to 188,869 daily vehicles in 2004 from 155,969 in 1994 (+32,900 daily vehicles).
- Fresh Kills Bridge along Richmond Avenue over Richmond Creek in Staten Island: up 33.2% to 64,705 daily vehicles in 2004 from 48,562 in 1994 (16,143 additional daily vehicles).
- The only significant decrease occurred on the 3rd Avenue Bridge over the Harlem River between Manhattan and The Bronx: down 28.8% to 47,053 daily vehicles in 2004 from 66,104 in 1994 (19,051 fewer daily vehicles). Throughout 2004, two of the four lanes were closed round-the-clock for long-term reconstruction.

1948 - 2014

- During the 66 years from 1948 to 2014, total traffic on the 47 bridges increased 188.6% to 2,666,872 daily vehicles in 2014 from 923,996 in 1948 (1,742,876 additional daily vehicles).
- **East River Bridges**
 - Traffic using the four East River Bridges increased 85.0% to 469,907 daily vehicles in 2014 from 254,068 in 1948 (215,839 additional daily vehicles).
 - Brooklyn Bridge up 170.2% to 99,986 daily vehicles from 37,011 (+62,975 daily vehicles).
 - Ed Koch Queensboro Bridge up 109.4% to 174,239 daily vehicles from 83,201 (+91,038 daily vehicles).
 - Williamsburg Bridge up 136.8% to 111,634 daily vehicles from 47,139 (+64,495 daily vehicles).
- **Harlem River Bridges**
 - Traffic using the nine Harlem River Bridges increased 159.6% to 537,888 daily vehicles in 2014 from 207,177 in 1948 (330,711 additional daily vehicles). This includes the Alexander Hamilton Bridge which opened in January 1963.
 - Willis Avenue Bridge up 129.2% to 67,951 daily vehicles from 29,648 (+38,303 daily vehicles).
 - Third Avenue Bridge up 86.1% to 58,447 daily vehicles from 31,403 (+27,044 daily vehicles).

- Washington Bridge up 78.9% to 52,537 daily vehicles from 29,374 (+23,163 daily vehicles).
- **Brooklyn-Queens Bridges**
 - Traffic using the four bridges over Newtown Creek increased 245.9% to 265,928 daily vehicles in 2014 from 76,884 in 1948 (189,044 additional daily vehicles).
 - Kosciuszko Bridge up 461.7% to 184,025 daily vehicles from 32,761 (+151,264 daily vehicles).
- **Bronx Bridges**
 - Traffic using the eight bridges in The Bronx increased 225.9% to 460,392 daily vehicles in 2014 from 141,247 in 1948 (319,145 additional daily vehicles).
 - Hutchinson River Parkway Bridge up 704.0% to 121,281 daily vehicles from 15,085 (+106,196 daily vehicles).
 - Eastern Boulevard Bridge up 297.1% to 176,945 daily vehicles from 44,563 (+132,382 daily vehicles).
- **Brooklyn Bridges**
 - Traffic using the ten bridges in Brooklyn increased 250.7% to 322,391 daily vehicles in 2014 from 91,917 in 1948 (230,474 additional daily vehicles).
 - Hamilton Avenue Bridge up 347.1% to 54,250 daily vehicles from 12,135 (+42,115 daily vehicles).
 - Metropolitan Avenue Bridge up 353.4% to 39,620 daily vehicles from 8,739 (+30,881 daily vehicles).
 - Mill Basin Bridge up 548.3% to 141,150 daily vehicles from 21,773 (+119,377 daily vehicles).
- **Queens Bridges**
 - Traffic using the eleven bridges in Queens increased 274.4% to 550,764 daily vehicles in 2014 from 147,106 in 1948 (403,658 additional daily vehicles).
 - Whitestone Expressway Bridge up 649.0% to 204,401 daily vehicles from 27,290 (+177,111 daily vehicles).
 - Hook Creek Bridge up 669.2% to 73,993 daily vehicles from 9,620 (+64,373 daily vehicles).
 - Midtown Highway Bridge up 205.6% to 87,878 daily vehicles from 28,754 (+59,124 daily vehicles).
- **Staten Island**
 - Traffic volume on the Fresh Kills Bridge in Staten Island increased 964.9% to 59,602 daily vehicles in 2014 from 5,597 in 1948 (54,005 additional daily vehicles).

Total NYC Toll Free Bridges
Average Daily Traffic Volumes
1948 - 2014

<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
2008	477,211	539,434	258,759	454,313
2009	485,313	543,736	263,638	449,209
2010	487,301	549,574	267,112	461,072
2011	478,203	544,642	267,075	447,178
2012	480,259	547,207	272,058	447,813
2013	477,147	558,163	269,845	456,730
2014	469,907	537,888	265,928	460,392

Total NYC Toll Free Bridges (continued)
Average Daily Traffic Volumes
1948 - 2014

<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
2008	327,644	544,089	64,724	2,666,174
2009	330,614	542,678	64,490	2,679,678
2010	327,984	538,197	65,612	2,696,852
2011	317,516	533,007	60,678	2,648,299
2012	322,259	555,713	58,026	2,683,335
2013	326,908	563,650	60,240	2,712,683
2014	322,391	550,764	59,602	2,666,872

NYC Tolled Facilities
Average Daily Traffic Volumes
1948 - 2014

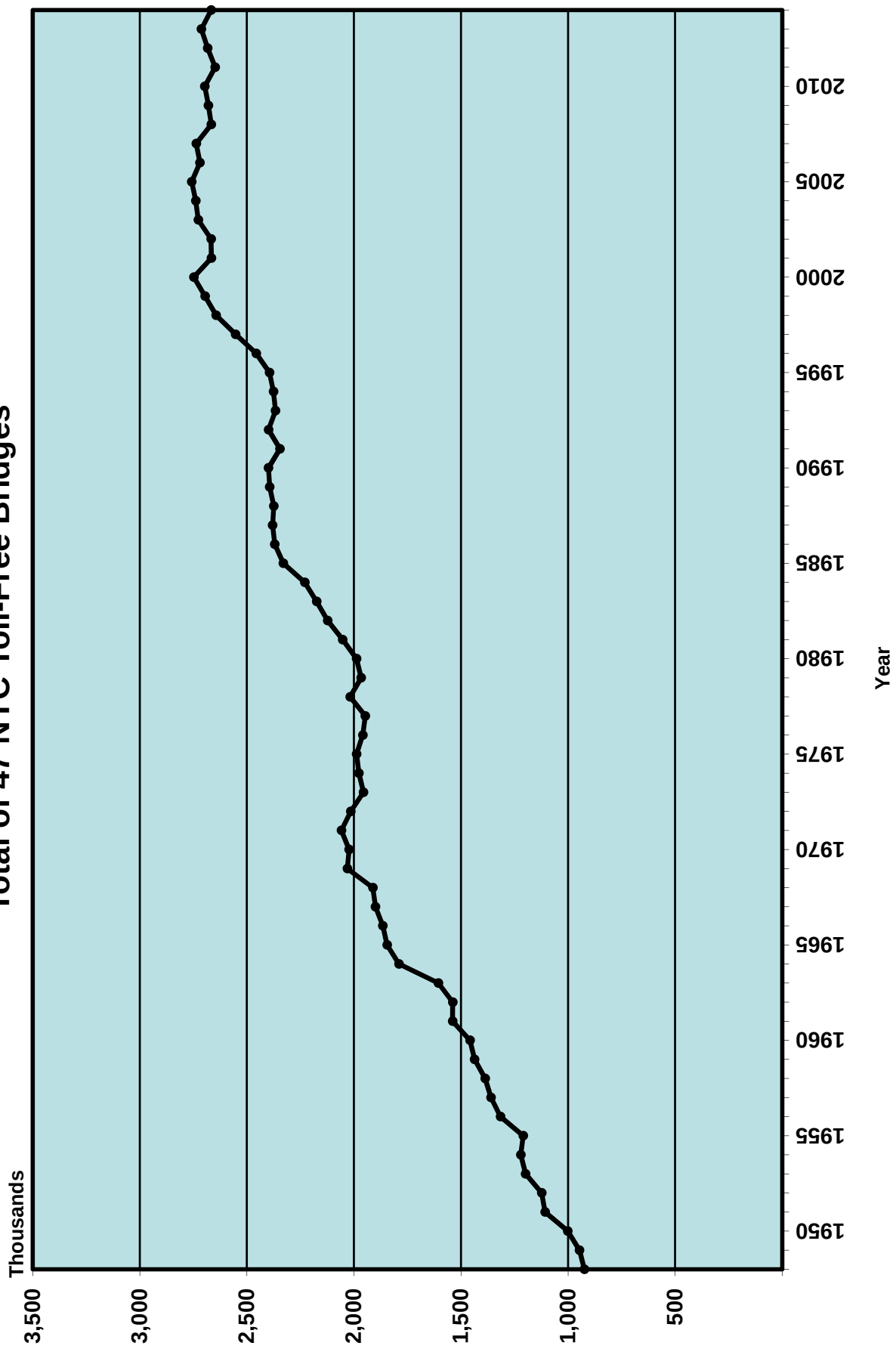
Year	MTABT Manhattan	PANYNJ Manhattan	MTABT Outer Boro	PANYNJ Staten Is	Total
1948	92,977	115,785	80,977	13,214	302,953
1949	110,071	129,943	97,117	14,628	351,759
1950	161,856	146,653	109,454	16,431	434,394
1951	180,272	166,150	124,391	18,335	489,148
1952	194,327	181,253	133,747	19,143	528,470
1953	200,535	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
2008	305,993	508,269	555,680	165,776	1,535,718
2009	294,156	504,860	544,642	165,504	1,509,162
2010	305,297	506,546	545,798	168,132	1,525,773
2011	294,293	491,109	526,428	169,536	1,481,366
2012	296,626	482,557	528,998	163,706	1,471,887
2013	292,355	479,819	530,329	158,267	1,460,770
2014	290,406	477,812	529,749	155,618	1,453,585

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

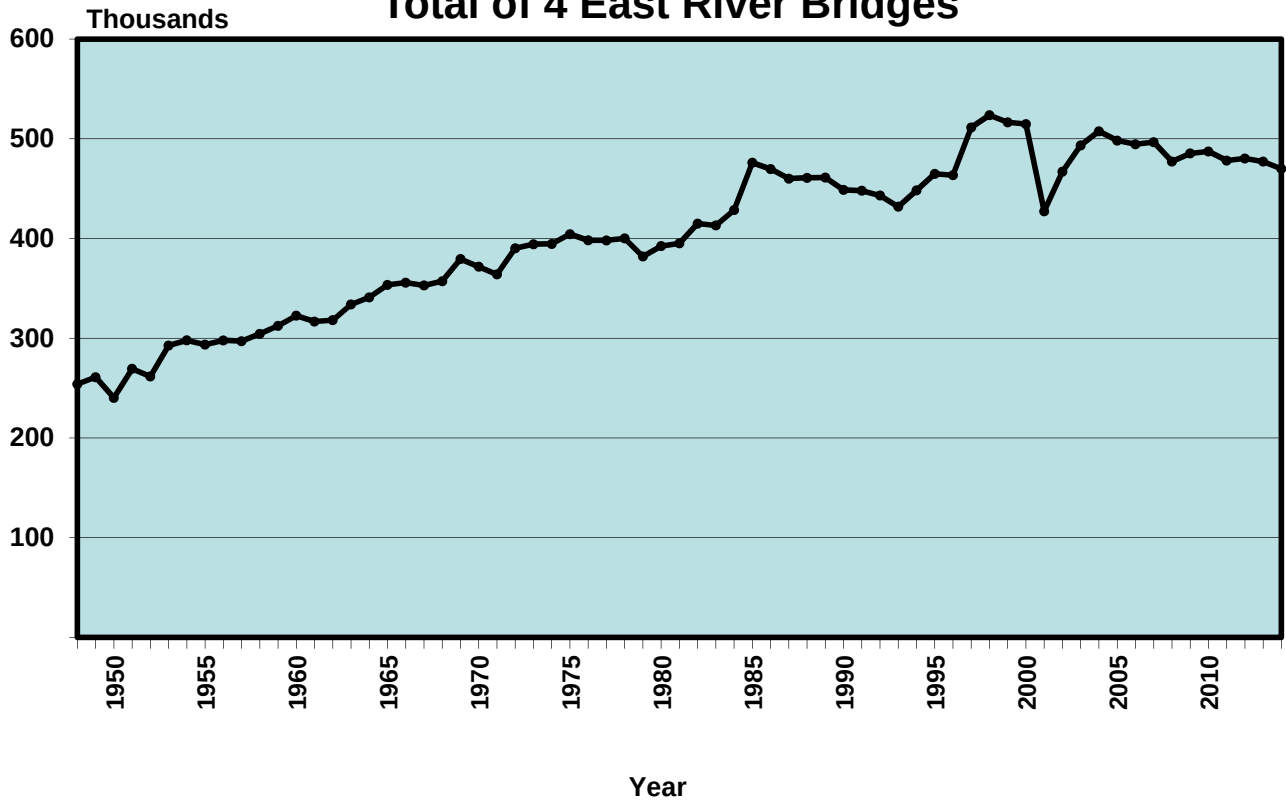
PANYNJ toll increases: 5/1975, 1/1984, 4/1987, 4/1991, 3/2001, 3/2008, 9/2011, 12/2012, 12/2013, & 12/2014.

MTABT toll Increases: 1/1972, 9/1975, 5/1980, 4/1982, 1/1984, 1/1986, 2/1987, 7/1989, 1/1993, 3/1996, 5/2003, 3/2005, 3/2008, 7/2009, 12/2010, & 3/2013.

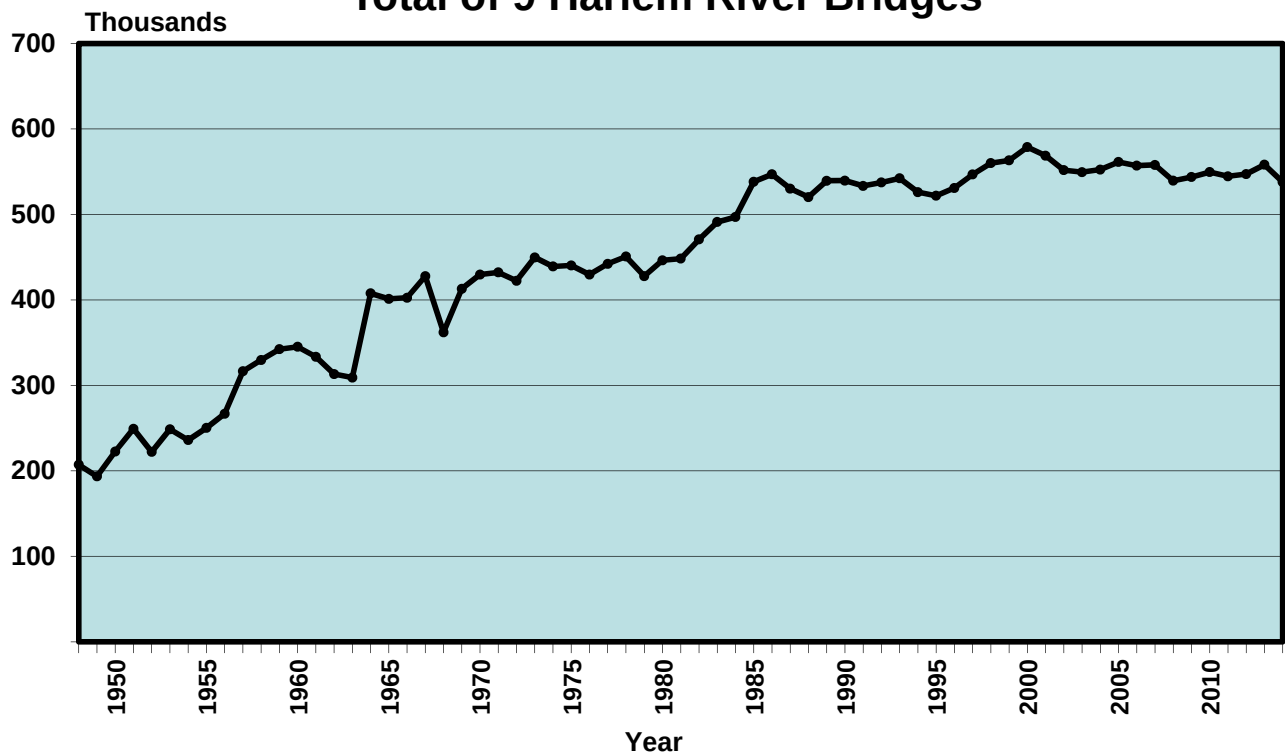
Average Daily Traffic Volumes ~ Total of Both Directions
Total of 47 NYC Toll-Free Bridges



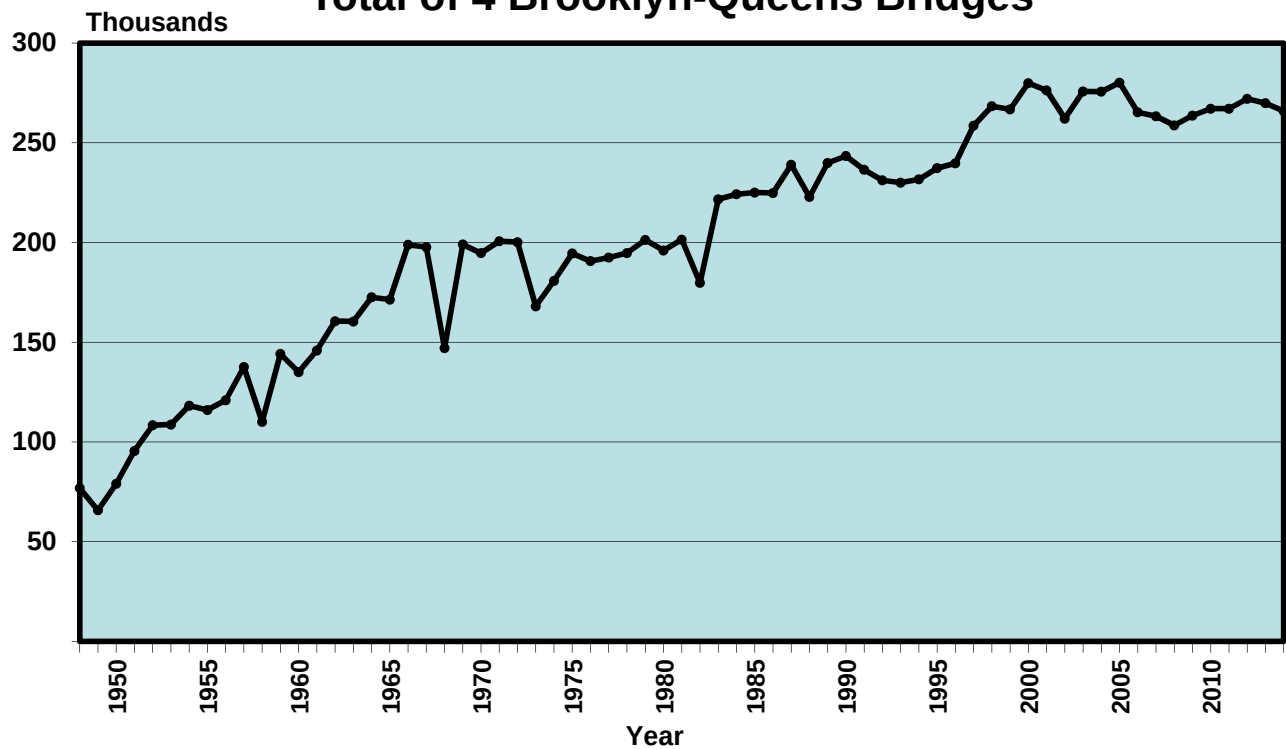
Average Daily Traffic Volumes ~ Total of Both Directions Total of 4 East River Bridges



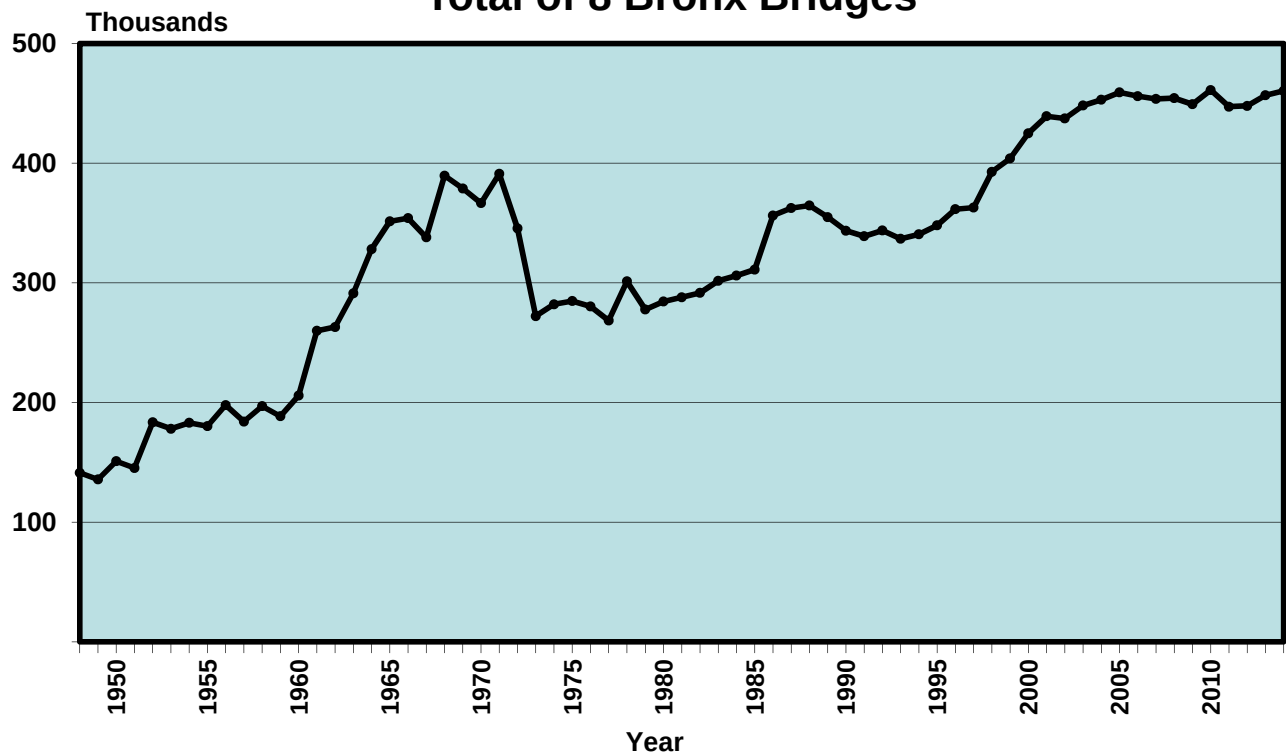
Average Daily Traffic Volumes ~ Total of Both Directions Total of 9 Harlem River Bridges



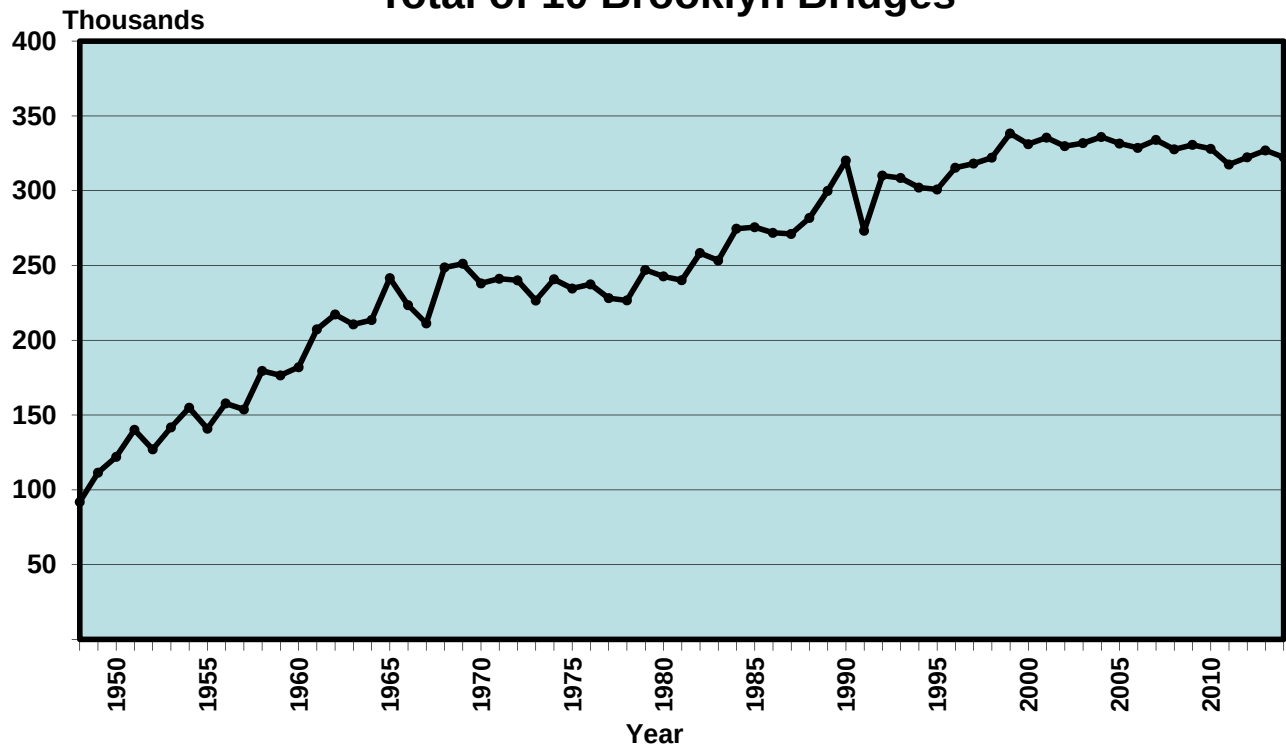
Average Daily Traffic Volumes ~ Total of Both Directions Total of 4 Brooklyn-Queens Bridges



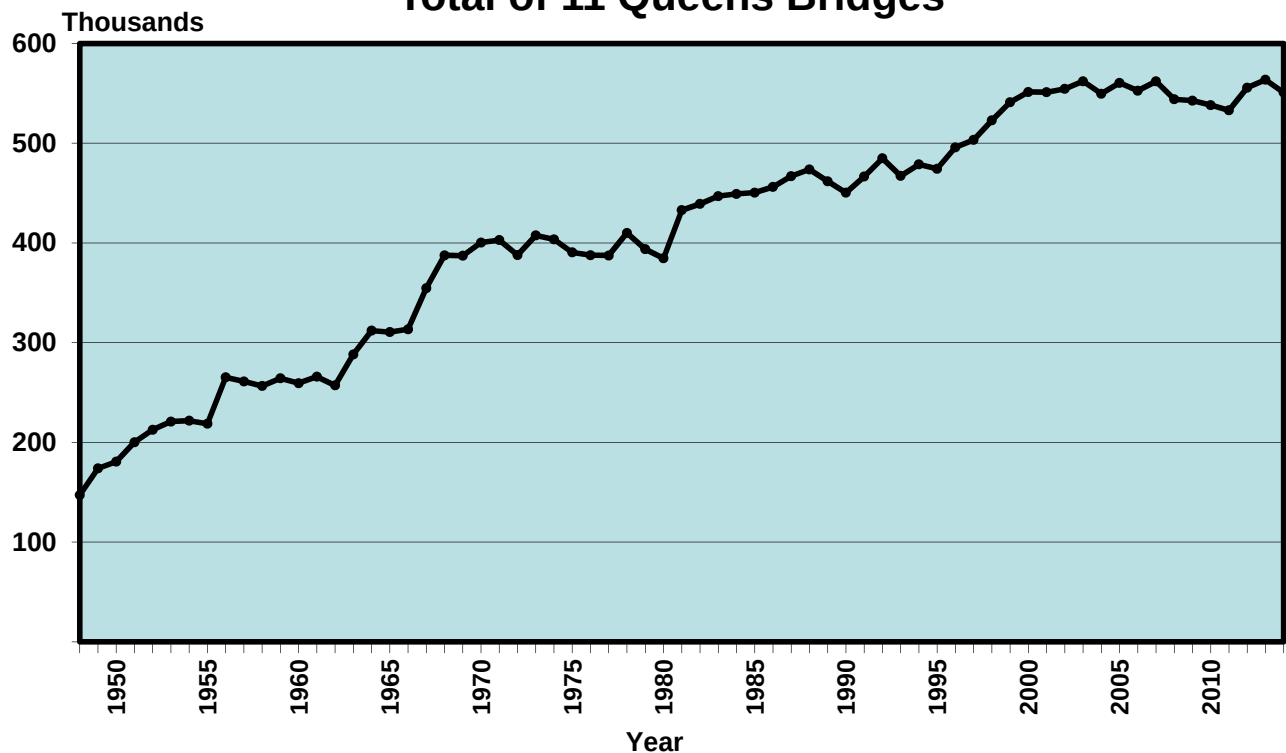
Average Daily Traffic Volumes ~ Total of Both Directions Total of 8 Bronx Bridges



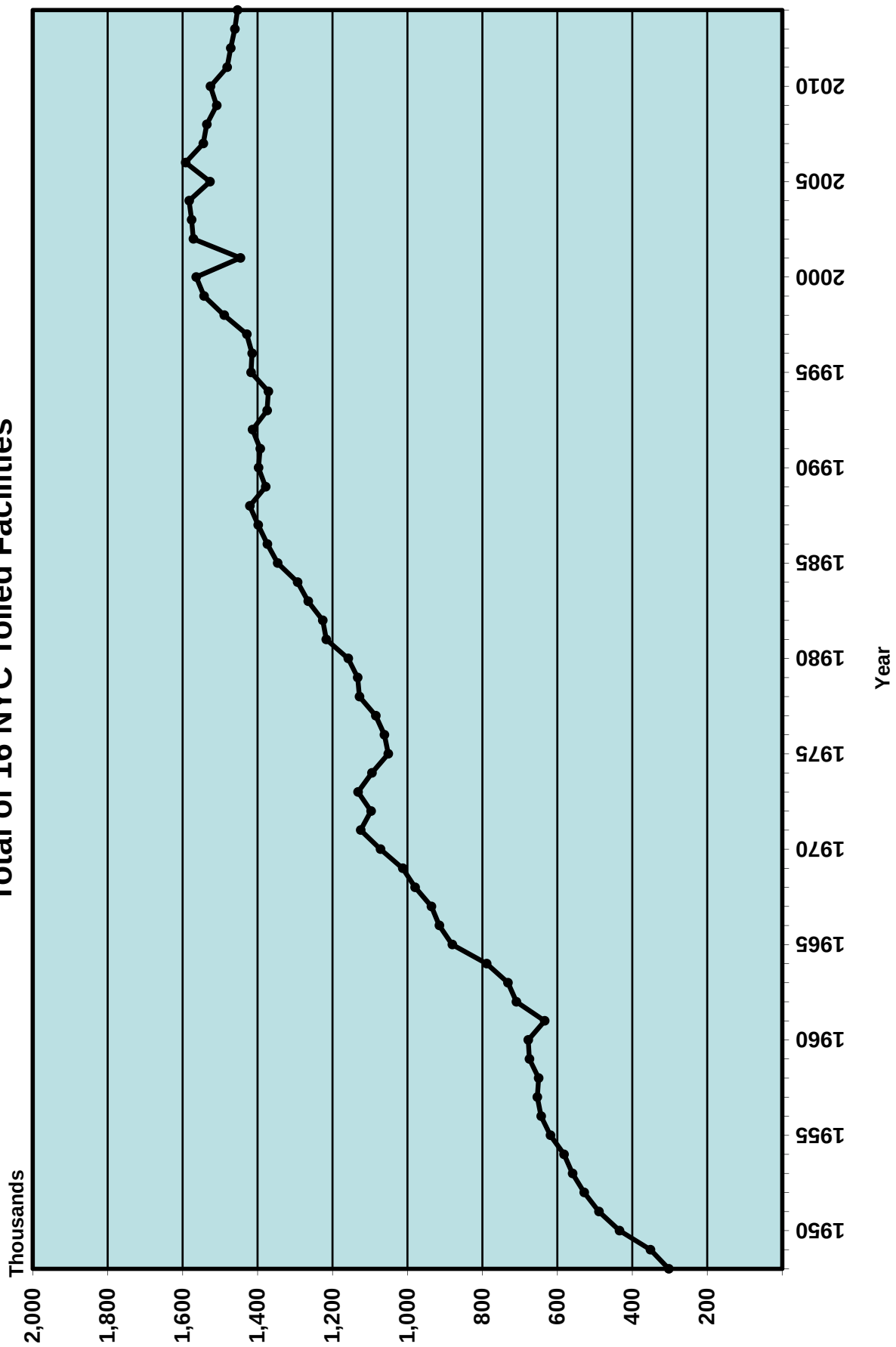
Average Daily Traffic Volumes ~ Total of Both Directions Total of 10 Brooklyn Bridges



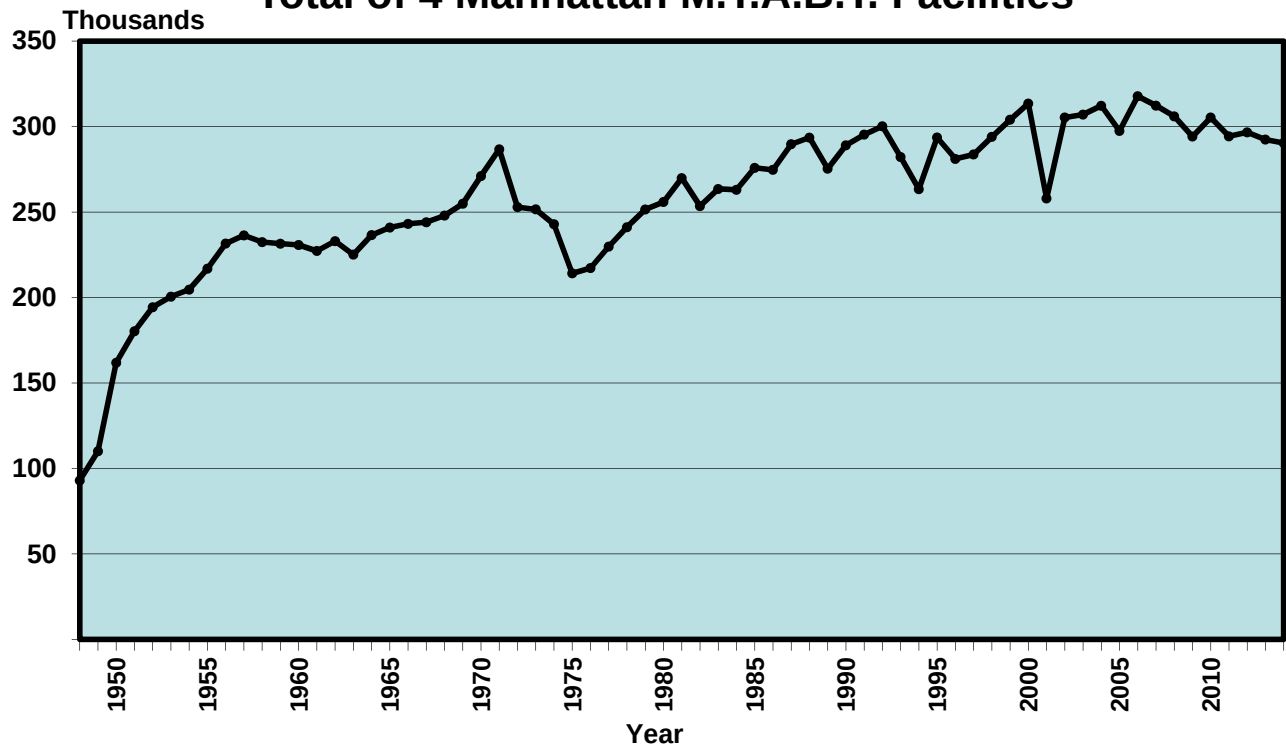
Average Daily Traffic Volumes ~ Total of Both Directions Total of 11 Queens Bridges



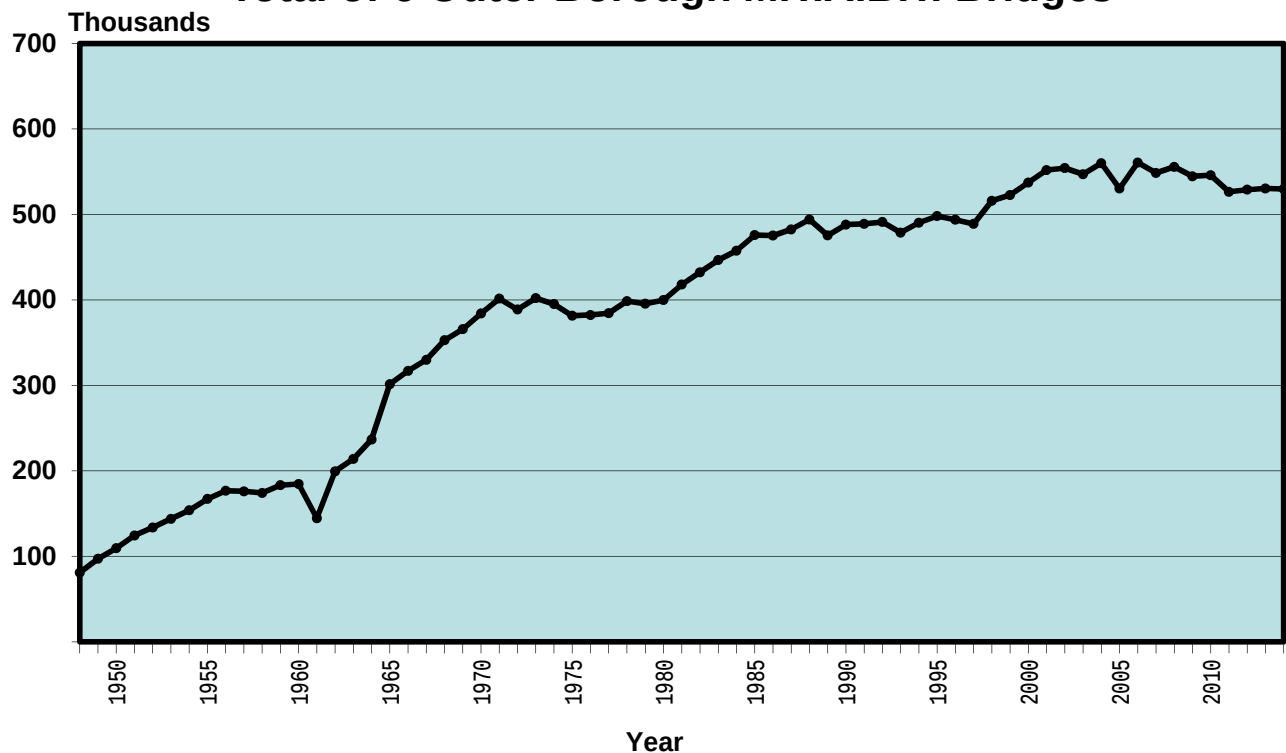
Average Daily Traffic Volumes ~ Total of Both Directions
Total of 16 NYC Tolled Facilities



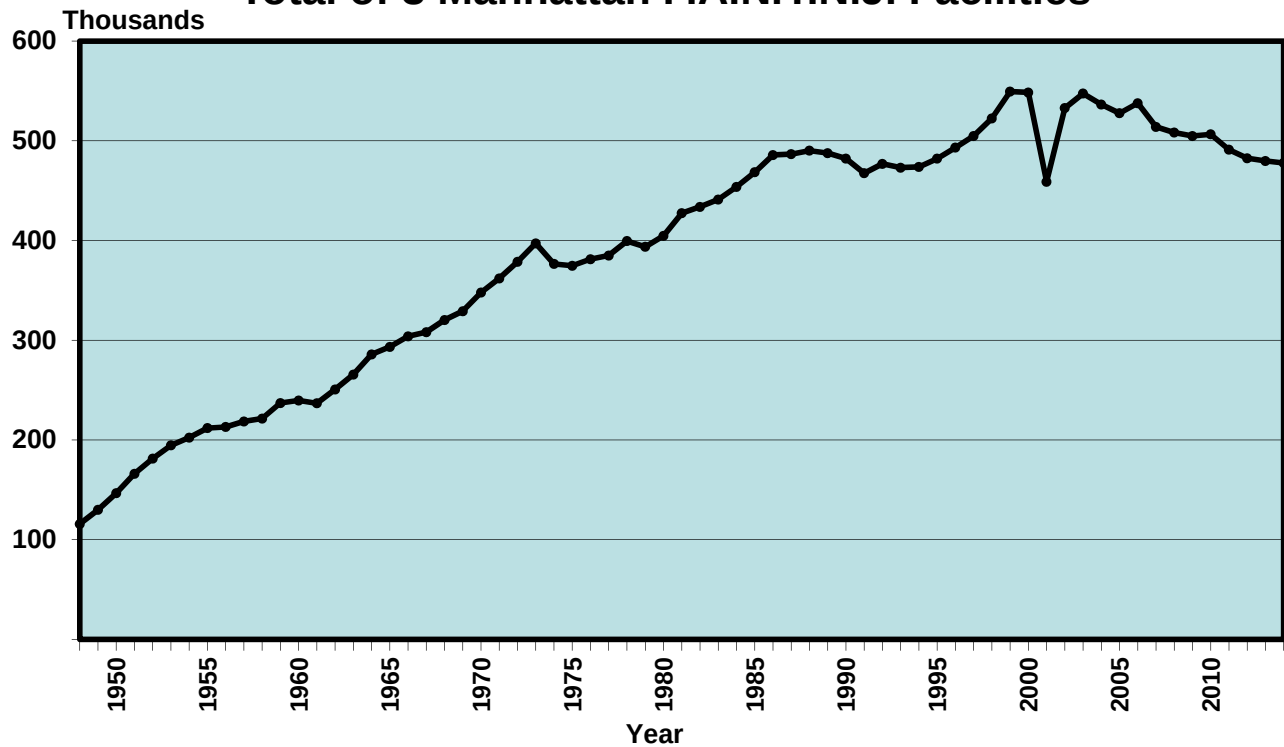
Average Daily Traffic Volumes ~ Total of Both Directions Total of 4 Manhattan M.T.A.B.T. Facilities



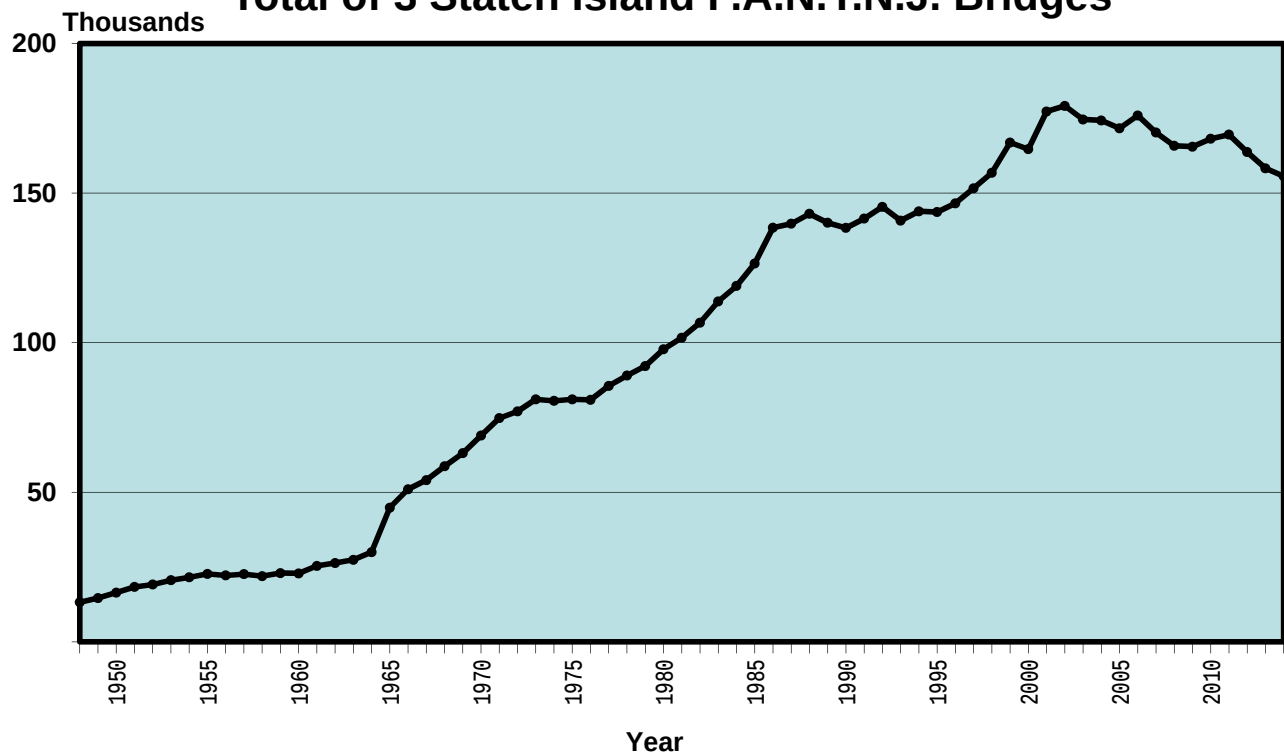
Average Daily Traffic Volumes ~ Total of Both Directions Total of 6 Outer Borough M.T.A.B.T. Bridges



Average Daily Traffic Volumes ~ Total of Both Directions Total of 3 Manhattan P.A.N.Y.N.J. Facilities



Average Daily Traffic Volumes ~ Total of Both Directions Total of 3 Staten Island P.A.N.Y.N.J. Bridges



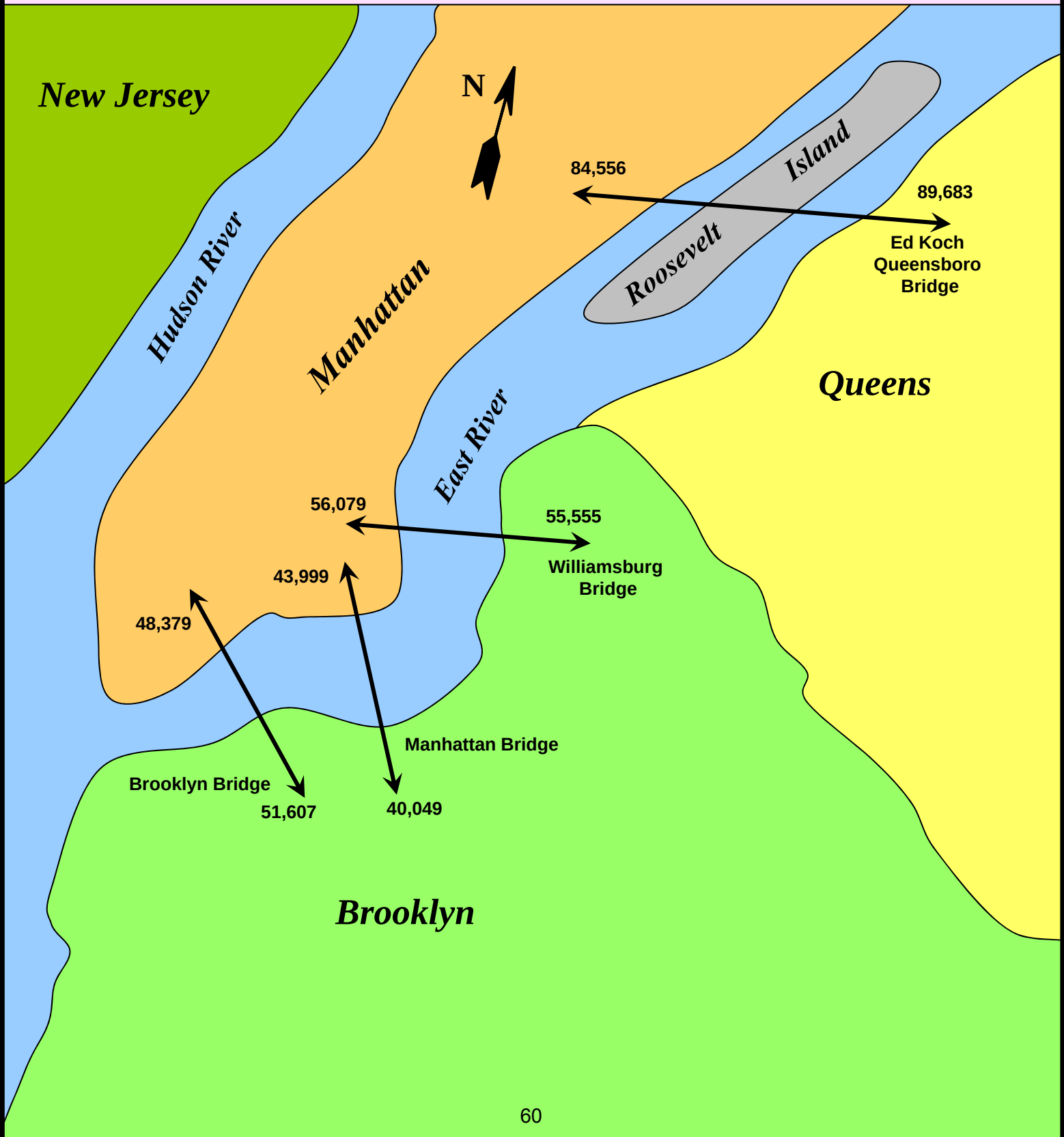
East River Bridges



Williamsburg Bridge

East River Bridges

2014 Daily Volumes



East River Bridges
Average Daily Traffic Volumes
1948 - 2014

<i>Year</i>	<i>Brooklyn Bridge</i>	<i>Ed Koch Queensboro Bridge</i>	<i>Manhattan Bridge</i>	<i>Williamsburg Bridge</i>	<i>Totals</i>
1948	37,011	83,201	86,717	47,139	254,068
1949	37,244	88,821	80,420	54,448	260,933
1950	13,397	84,863	84,027	57,940	240,227
1951	14,865	90,922	100,826	62,739	269,352
1952	16,907	85,748	96,476	62,573	261,704
1953	14,513	106,391	94,320	77,502	292,726
1954	42,455	101,285	77,698	76,465	297,903
1955	53,964	91,958	66,968	80,743	293,633
1956	54,981	90,786	69,656	82,443	297,866
1957	23,852	93,676	89,793	89,707	297,028
1958	43,089	100,555	82,128	78,698	304,470
1959	53,115	103,522	74,329	81,465	312,431
1960	73,486	107,536	60,481	81,157	322,660
1961	68,997	104,505	62,797	80,514	316,813
1962	78,850	105,930	51,450	81,940	318,170
1963	78,770	116,350	58,510	80,250	333,880
1964	80,230	120,900	59,250	80,650	341,030
1965	84,141	117,588	71,222	80,567	353,518
1966	89,124	122,896	63,693	80,032	355,745
1967	87,387	124,033	75,741	65,775	352,936
1968	72,475	130,777	79,906	74,074	357,232
1969	97,565	132,553	75,473	73,825	379,416
1970	100,050	126,554	72,077	73,062	371,743
1971	102,535	120,555	68,681	72,299	364,070
1972	103,815	136,455	73,803	76,219	390,292
1973	102,834	138,066	73,401	79,989	394,290
1974	99,959	138,560	77,198	78,914	394,631
1975	103,750	144,252	74,320	82,057	404,379
1976	102,590	145,130	68,057	82,471	398,248
1977	104,532	146,283	64,835	82,490	398,140
1978	104,848	138,415	74,257	82,626	400,146
1979	91,319	133,966	75,403	81,340	382,028
1980	103,954	127,929	77,914	82,663	392,460
1981	102,572	127,864	79,589	85,100	395,125
1982	110,991	136,864	87,760	79,369	414,984
1983	115,825	125,158	85,222	86,947	413,152
1984	110,432	134,107	89,104	94,898	428,541
1985	116,929	150,892	100,825	107,386	476,032
1986	126,555	158,191	77,784	107,181	469,711
1987	123,523	151,688	77,519	107,362	460,092
1988	129,153	153,841	75,221	102,643	460,858
1989	131,951	152,591	68,593	107,967	461,102
1990	129,626	140,063	69,550	109,474	448,713
1991	128,491	131,438	72,695	115,345	447,969
1992	125,643	141,078	78,117	98,307	443,145
1993	134,793	135,964	74,526	86,591	431,874
1994	134,837	151,483	78,418	83,525	448,263
1995	131,883	157,306	75,126	100,588	464,903
1996	131,872	161,965	81,075	88,570	463,482
1997	147,898	184,179	83,209	96,124	511,410
1998	144,131	192,119	78,172	109,268	523,690
1999	127,065	189,190	92,311	107,941	516,507
2000	147,767	182,940	75,684	108,376	514,767
2001	95,586	176,469	73,064	82,202	427,321
2002	121,145	176,419	66,152	103,364	467,080
2003	134,444	184,964	73,767	100,243	493,418
2004	137,563	180,369	79,129	110,528	507,589
2005	132,210	178,610	80,363	107,030	498,213
2006	126,805	186,110	74,621	107,040	494,576
2007	131,551	181,365	73,205	110,545	496,666
2008	123,781	176,306	70,341	106,783	477,211
2009	125,021	180,162	71,936	108,194	485,313
2010	123,640	177,695	74,777	111,189	487,301
2011	105,820	183,401	85,392	103,590	478,203
2012	100,288	178,188	89,087	112,696	480,259
2013	102,542	171,556	87,375	115,674	477,147
2014	99,986	174,239	84,048	111,634	469,907

Hourly Vehicular Volumes Brooklyn Bridge - 2014

Eastbound to Brooklyn

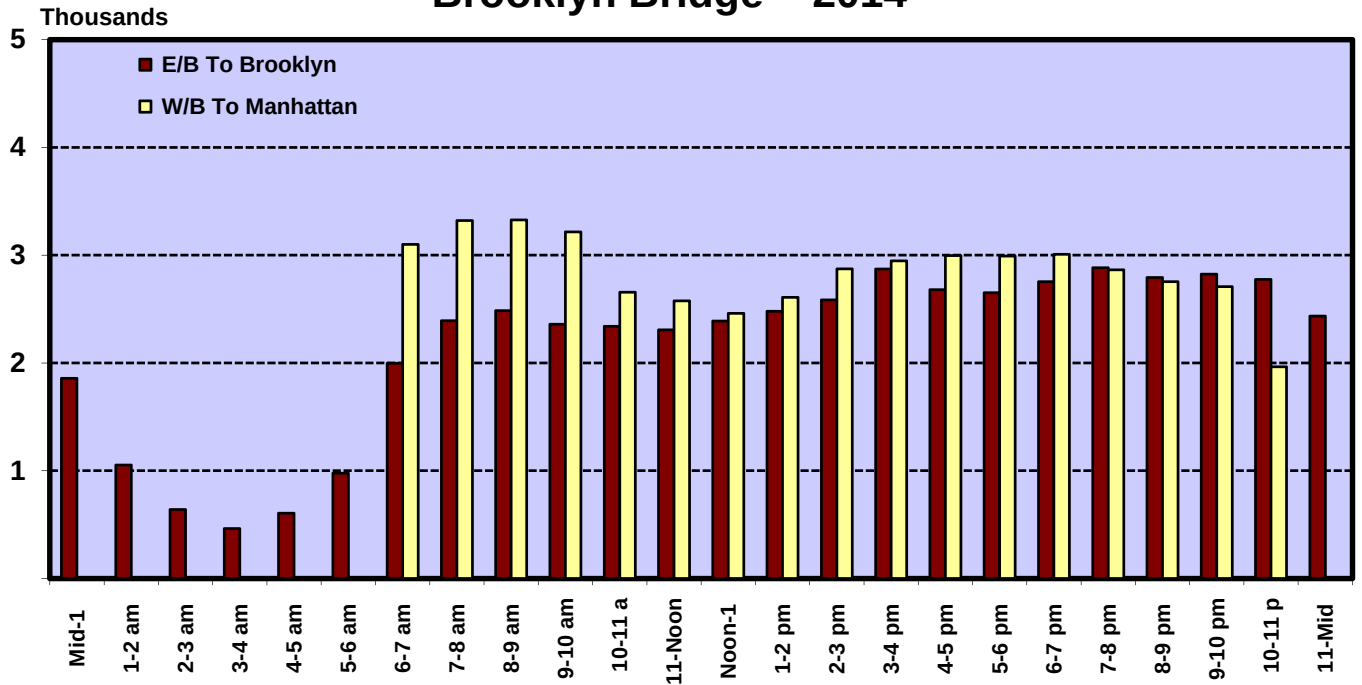
Westbound to Manhattan

FHWA Classes	Commuter Vans					Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans					Single Unit Trucks	Tractor Trailers	Total Vehicles	2-Way Grand Totals
	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	1,856	1	1	0	0	1,858			0	0	0	0	0	0	0	1,858	
1-2am	1,048	4	1	0	0	1,053			0	0	0	0	0	0	0	1,053	
2-3am	638	3	0	0	0	641			0	0	0	0	0	0	0	641	
3-4am	459	4	0	0	0	463			0	0	0	0	0	0	0	463	
4-5am	597	7	2	0	0	606			0	0	0	0	0	0	0	606	
5-6am	964	12	1	0	0	977			0	0	0	0	0	0	0	977	
6-7am	1,959	29	9	1	0	1,998			2,992	36	71	2	0	3,101	3,101	5,099	
7-8am	2,343	31	18	1	0	2,393			3,263	22	35	2	0	3,322	3,322	5,715	
8-9am	2,426	39	20	1	0	2,486			3,289	26	9	3	0	3,327	3,327	5,813	
9-10am	2,291	42	26	1	0	2,360			3,173	26	10	7	0	3,216	3,216	5,576	
10-11am	2,295	28	17	0	0	2,340			2,618	21	11	6	0	2,656	2,656	4,996	
11-12am	2,242	43	22	0	0	2,307			2,524	33	13	7	0	2,577	2,577	4,884	
12-1pm	2,326	42	22	0	0	2,390			2,415	21	22	2	0	2,460	2,460	4,850	
1-2pm	2,416	36	27	1	0	2,480			2,521	33	46	9	0	2,609	2,609	5,089	
2-3pm	2,514	34	37	1	0	2,586			2,815	29	28	2	0	2,874	2,874	5,460	
3-4pm	2,810	30	32	0	0	2,872			2,881	33	33	1	0	2,948	2,948	5,820	
4-5pm	2,633	27	19	1	0	2,680			2,947	31	16	2	0	2,996	2,996	5,676	
5-6pm	2,607	29	16	0	0	2,652			2,956	20	14	2	0	2,992	2,992	5,644	
6-7pm	2,700	41	12	1	0	2,754		**	2,973	23	12	1	0	3,009	3,009	5,763	
7-8pm	2,847	31	5	0	0	2,883			2,846	14	5	0	0	2,865	2,865	5,748	
8-9pm	2,778	13	2	0	0	2,793			2,734	19	1	1	0	2,755	2,755	5,548	
9-10pm	2,811	12	1	0	0	2,824			2,682	22	3	1	0	2,708	2,708	5,532	
10-11pm	2,770	5	0	0	0	2,775			1,948	14	0	2	0	1,964	1,964	4,739	
11-12pm	2,430	4	2	0	0	2,436			0	0	0	0	0	0	0	2,436	
Totals	50,760	547	292	8	0	51,607			47,577	423	329	50	0	48,379	48,379	99,986	
7-10am	7,060	112	64	3	0	7,239			9,725	74	54	12	0	9,865	9,865	17,104	
10am-1pm	6,863	113	61	0	0	7,037			7,557	75	46	15	0	7,693	7,693	14,730	
1-4pm	7,740	100	96	2	0	7,938			8,217	95	107	12	0	8,431	8,431	16,369	
4-7pm	7,940	97	47	2	0	8,086			8,876	74	42	5	0	8,997	8,997	17,083	
7am-7pm	29,603	422	268	7	0	30,300			34,375	318	249	44	0	34,986	34,986	65,286	
6-10am	9,019	141	73	4	0	9,237			12,717	110	125	14	0	12,966	12,966	22,203	
3-7pm	10,750	127	79	2	0	10,958			11,757	107	75	6	0	11,945	11,945	22,903	
6am-7pm	31,562	451	277	8	0	32,298			37,367	354	320	46	0	38,087	38,087	70,385	

Based on March 2006 Classification Survey Data.

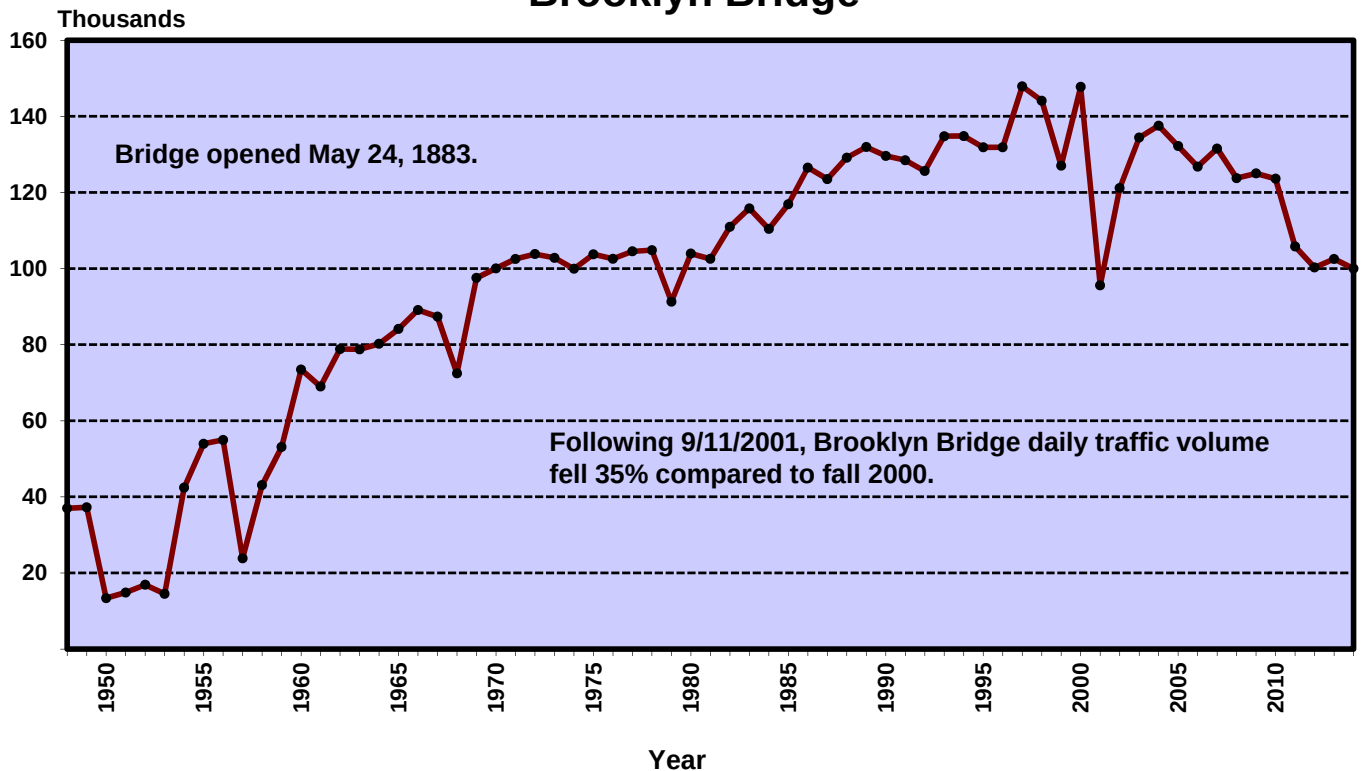
** Peak Volumes

Hourly Vehicular Volumes Brooklyn Bridge ~ 2014



Note: Bridge closed overnight Manhattan-bound for reconstruction during 2011, 2012, 2013, & 2014.

Average Daily Traffic Volumes ~ Total of Both Directions Brooklyn Bridge



Hourly Vehicular Volumes

Ed Koch Queensboro Bridge - 2014

Eastbound to Queens

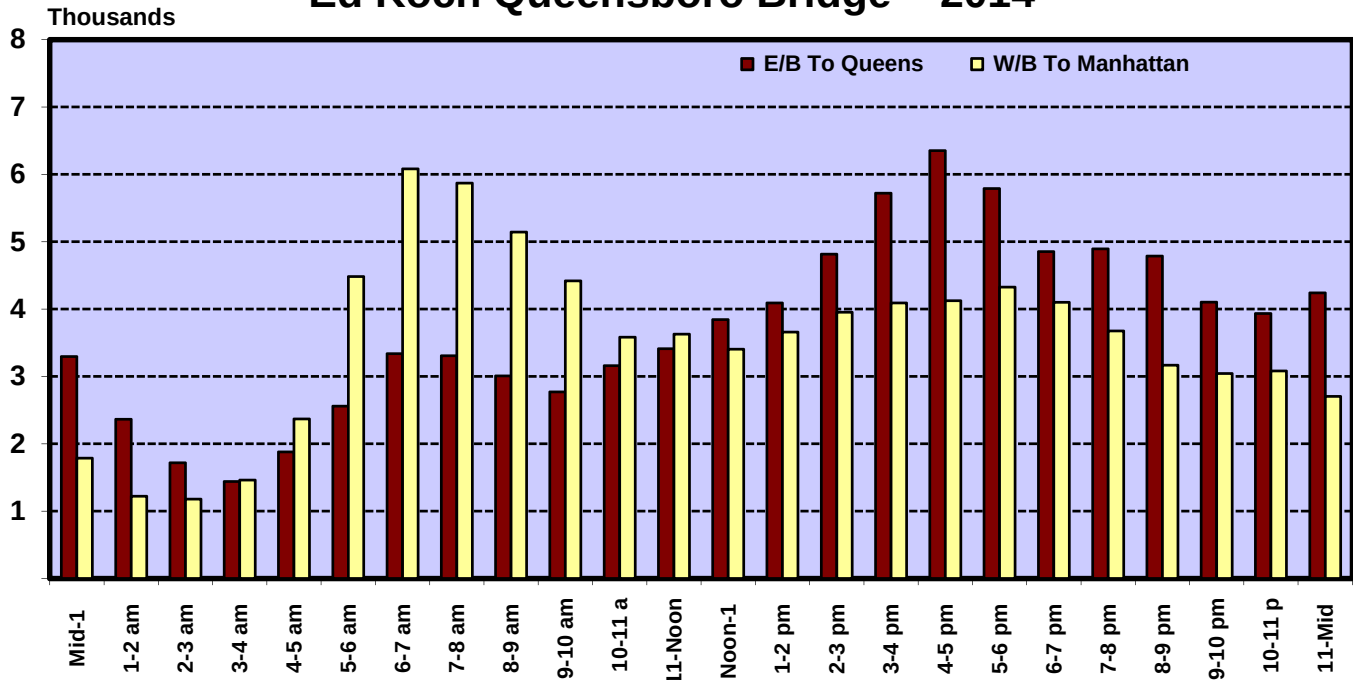
Westbound to Manhattan

FHWA Classes ▶	Commercial Vans, Panel Trucks, Pickups,										Commercial Vans, Panel Trucks, Pickups,										2-Way Grand Totals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	SUVs, Family Vans	SUVs, Family Vans	Panel Trucks, Single Unit Trucks	Panel Trucks, Multiple Unit Trucks	Total Vehicles	Buses	Panel Trucks, Single Unit Trucks	Panel Trucks, Multiple Unit Trucks	Total Vehicles	Buses	Buses	Panel Trucks, Single Unit Trucks	Panel Trucks, Multiple Unit Trucks	Total Vehicles	Buses	Buses	Panel Trucks, Single Unit Trucks	Panel Trucks, Multiple Unit Trucks	Total Vehicles																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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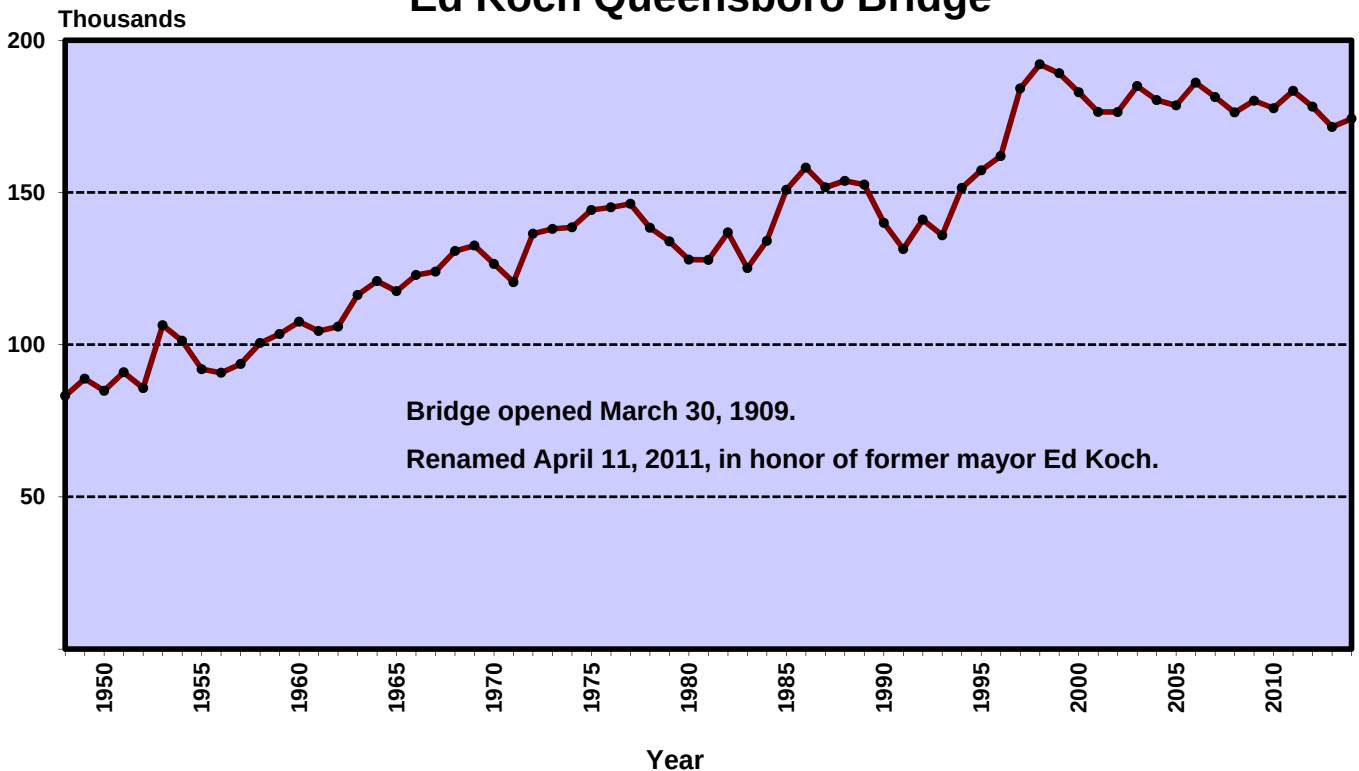
Based on October 2014 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Ed Koch Queensboro Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Ed Koch Queensboro Bridge



Hourly Vehicular Volumes Manhattan Bridge - 2014

Eastbound to Brooklyn

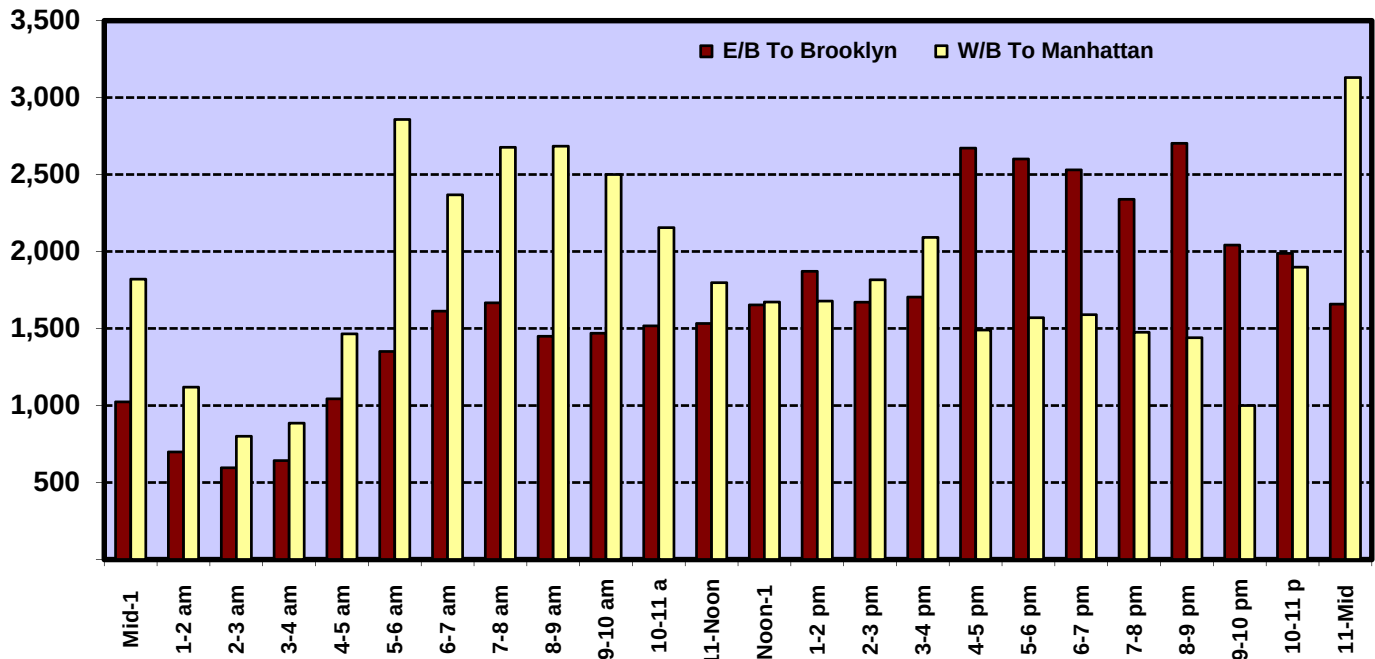
Westbound to Manhattan

FHWA Classes ▲	Commuter Vans										Commuter Vans										2-Way Grand Totals
	Commercial Vans					Single Unit Trucks	Commercial Vans					Single Unit Trucks	Commercial Vans								
	Autos & Motorcycles	Pickups	Buses	Tractor Trailers	Total Vehicles		Autos & Motorcycles	Pickups	Buses	Tractor Trailers	Total Vehicles		Autos & Motorcycles	Pickups	Buses	Tractor Trailers	Total Vehicles				
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13				
12-1am	987	19	6	10	2	1,024	1,805	11	1	4	0	1,821	1,805	11	1	4	0	1,821	2,845		
1-2am	679	14	2	4	0	699	1,108	9	1	2	0	1,120	1,108	9	1	2	0	1,120	1,819		
2-3am	575	13	3	4	1	596	790	5	1	5	0	801	790	5	1	5	0	801	1,397		
3-4am	613	17	4	6	3	643	869	8	3	5	1	886	869	8	3	5	1	886	1,529		
4-5am	1,015	13	5	10	1	1,044	1,341	22	6	93	4	1,466	1,341	22	6	93	4	1,466	2,510		
5-6am	1,298	11	13	27	2	1,351	2,419	46	56	287	50	2,858	2,419	46	56	287	50	2,858	4,209		
6-7am	1,435	36	41	90	11	1,613	1,889	58	72	308	42	2,369	1,889	58	72	308	42	2,369	3,982		
7-8am	1,407	48	55	148	9	1,667	2,140	56	67	396	19	2,678	2,140	56	67	396	19	2,678	4,345		
8-9am	1,223	28	47	141	11	1,450	2,206	46	51	363	19	2,685	2,206	46	51	363	19	2,685	4,135		
9-10am	1,187	33	58	181	11	1,470	1,970	47	46	412	26	2,501	1,970	47	46	412	26	2,501	3,971		
10-11am	1,241	23	53	188	13	1,518	1,646	45	46	388	31	2,156	1,646	45	46	388	31	2,156	3,674		
11-12am	1,243	34	52	191	13	1,533	1,373	44	33	332	16	1,798	1,373	44	33	332	16	1,798	3,331		
12-1pm	1,289	43	56	252	14	1,654	1,226	44	40	347	16	1,673	1,226	44	40	347	16	1,673	3,327		
1-2pm	1,467	51	64	277	13	1,872	1,206	41	50	367	15	1,679	1,206	41	50	367	15	1,679	3,551		
2-3pm	1,383	31	49	194	14	1,671	1,550	29	36	195	7	1,817	1,550	29	36	195	7	1,817	3,488		
3-4pm	1,451	34	71	142	7	1,705	1,885	28	32	136	11	2,092	1,885	28	32	136	11	2,092	3,797		
4-5pm	2,419	58	69	118	8	2,672	1,274	28	33	149	7	1,491	1,274	28	33	149	7	1,491	4,163		
5-6pm	2,400	46	63	84	9	2,602	1,373	26	43	126	3	1,571	1,373	26	43	126	3	1,571	4,173		
6-7pm	2,366	34	59	66	6	2,531	1,412	13	58	104	3	1,590	1,412	13	58	104	3	1,590	4,121		
7-8pm	2,186	30	63	54	7	2,340	1,335	20	42	79	0	1,476	1,335	20	42	79	0	1,476	3,816		
8-9pm	2,561	31	53	53	6	2,704	1,328	14	23	74	2	1,441	1,328	14	23	74	2	1,441	4,145		
9-10pm	1,938	32	34	34	5	2,043	950	8	11	31	0	1,000	950	8	11	31	0	1,000	3,043		
10-11pm	1,911	25	23	26	3	1,988	1,867	7	5	20	0	1,899	1,867	7	5	20	0	1,899	3,887		
11-12pm	1,612	15	13	17	2	1,659	3,102	5	4	19	1	3,131	3,102	5	4	19	1	3,131	4,790		
Totals	35,886	719	956	2,317	171	40,049	38,064	660	760	4,242	273	43,999	38,064	660	760	4,242	273	43,999	84,048		
7-10am	3,817	109	160	470	31	4,587	6,316	149	164	1,171	64	7,864	6,316	149	164	1,171	64	7,864	12,451		
10am-1pm	3,773	100	161	631	40	4,705	4,245	133	119	1,067	63	5,627	4,245	133	119	1,067	63	5,627	10,332		
1-4pm	4,301	116	184	613	34	5,248	4,641	98	118	698	33	5,588	4,641	98	118	698	33	5,588	10,836		
4-7pm	7,185	138	191	268	23	7,805	4,059	67	134	379	13	4,652	4,059	67	134	379	13	4,652	12,457		
7am-7pm	19,076	463	696	1,982	128	22,345	19,261	447	535	3,315	173	23,731	19,261	447	535	3,315	173	23,731	46,076		
6-10am	5,252	145	201	560	42	6,200	8,205	207	236	1,479	106	10,233	8,205	207	236	1,479	106	10,233	16,433		
3-7pm	8,636	172	262	410	30	9,510	5,944	95	166	515	24	6,744	5,944	95	166	515	24	6,744	16,254		
6am-7pm	20,511	499	737	2,072	139	23,958	21,150	505	607	3,623	215	26,100	21,150	505	607	3,623	215	26,100	50,058		

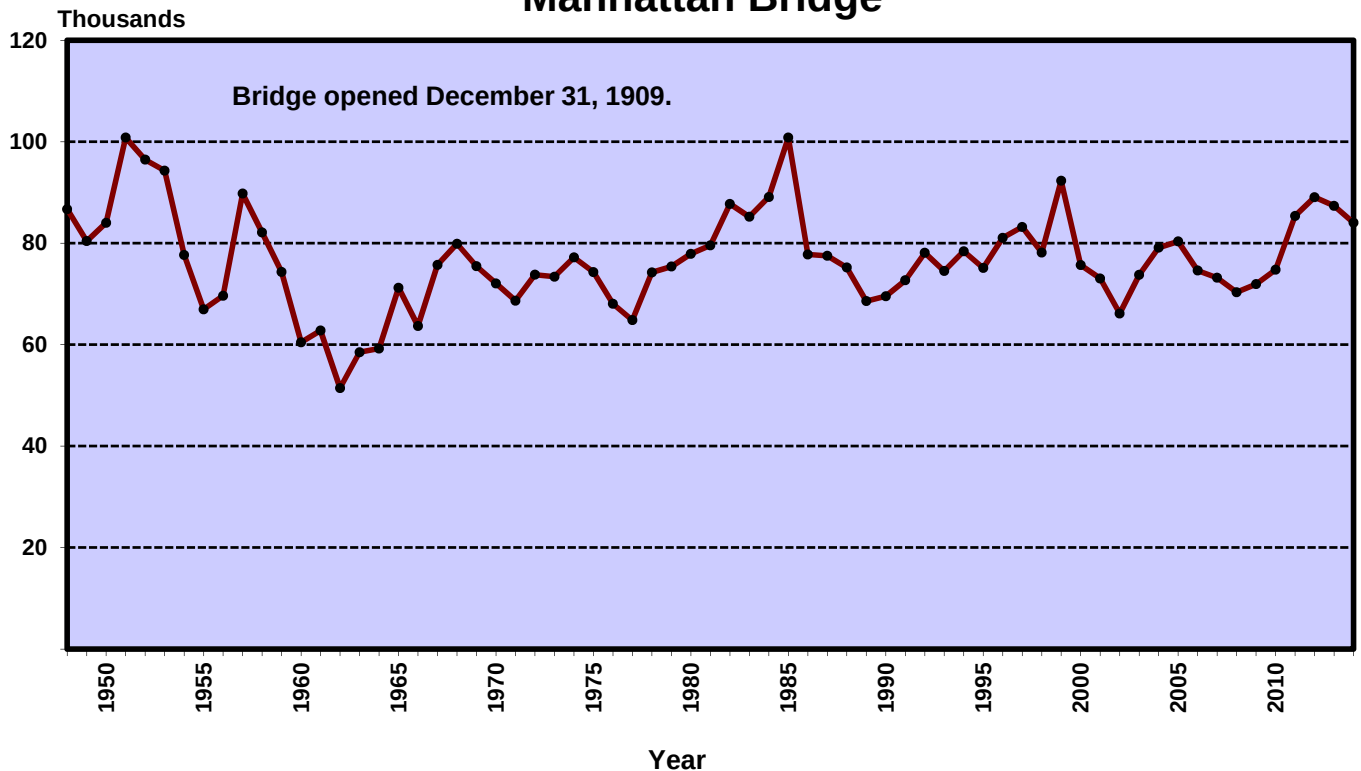
Based on April 2006 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Manhattan Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Manhattan Bridge



Hourly Vehicular Volumes

Williamsburg Bridge - 2014

Eastbound to Brooklyn

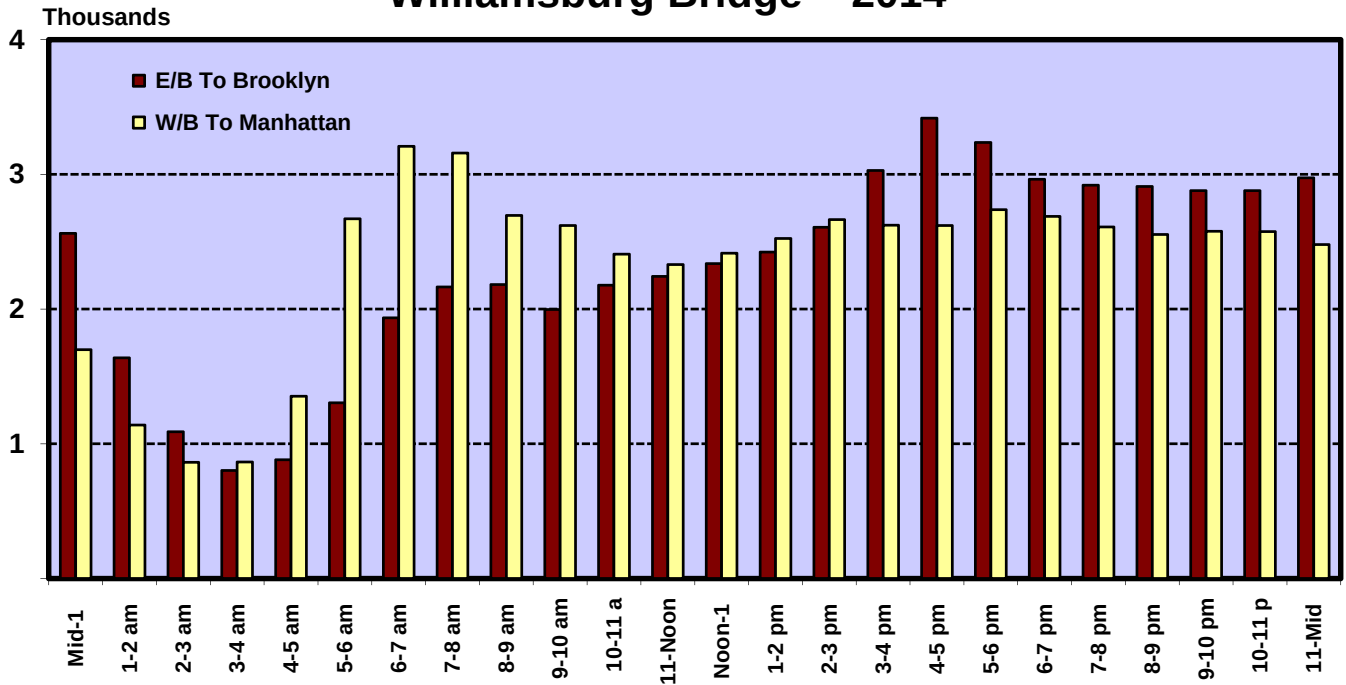
Westbound to Manhattan

FHWA Classes ▶	Commercial Vans, Panel Trucks, Pickups,							Commercial Vans, Panel Trucks, Pickups,							2-Way Grand Totals
	Autos, Motorcycles			Autos, Motorcycles				Autos, Motorcycles			Autos, Motorcycles				
	Family Vans	Liveries, Limos	Taxis, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	Family Vans	Liveries, Limos	Taxis, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	
12-1am	1,473	1,010	52	0	25	2	2,562	709	920	40	0	20	10	1,699	4,261
1-2am	712	862	41	1	19	3	1,638	411	671	27	0	26	4	1,139	2,777
2-3am	449	561	48	0	24	8	1,090	290	481	50	1	38	3	863	1,953
3-4am	343	345	40	3	64	7	802	400	332	75	0	48	10	865	1,667
4-5am	438	370	34	2	26	12	882	718	376	156	0	89	14	1,353	2,235
5-6am	780	383	57	6	55	23	1,304	1,588	553	295	11	199	25	2,671	3,975
6-7am	1,470	239	136	8	76	6	1,935	2,174	356	304	98	202	74	3,208	5,143
7-8am	1,660	238	137	26	94	10	2,165	2,172	211	445	58	241	32	3,159	5,324
8-9am	1,694	181	176	32	92	7	2,182	1,776	146	511	15	234	13	2,695	4,877
9-10am	1,389	275	171	38	114	10	1,997	1,626	171	523	5	274	21	2,620	4,617
10-11am	1,387	365	240	29	149	7	2,177	1,582	159	410	13	232	12	2,408	4,585
11-12am	1,408	312	300	14	202	7	2,243	1,535	194	367	9	212	14	2,331	4,574
12-1pm	1,461	314	321	19	217	6	2,338	1,573	231	396	14	181	20	2,415	4,753
1-2pm	1,534	351	296	9	225	8	2,423	1,732	199	342	33	191	27	2,524	4,947
2-3pm	1,670	437	273	16	195	16	2,607	1,837	248	358	44	160	17	2,664	5,271
3-4pm	2,020	286	465	35	198	25	3,029	1,848	263	355	18	128	11	2,623	5,652
4-5pm	2,338	327	489	83	173	7	3,417	1,854	308	321	9	119	9	2,620	6,037
5-6pm	2,439	271	348	29	140	10	3,237	1,968	389	292	1	76	12	2,738	5,975
6-7pm	2,351	287	237	14	67	8	2,964	1,900	485	244	1	51	7	2,688	5,652
7-8pm	2,168	498	159	12	74	9	2,920	1,805	587	165	3	45	5	2,554	5,530
8-9pm	1,993	723	130	6	52	6	2,910	1,676	682	137	3	51	5	2,554	5,464
9-10pm	2,015	718	105	11	25	6	2,880	1,533	893	110	1	37	4	2,578	5,458
10-11pm	1,859	887	97	6	23	7	2,879	1,405	1,005	122	0	39	4	2,575	5,454
11-12pm	1,730	1,134	71	6	32	1	2,974	1,306	1,086	55	0	25	7	2,479	5,453
Totals	36,781	11,374	4,423	405	2,361	211	55,555	35,418	10,946	6,100	337	2,918	360	56,079	111,634
7-10am	4,743	694	484	96	300	27	6,344	5,574	528	1,479	78	749	66	8,474	14,818
10am-1pm	4,256	991	861	62	568	20	6,758	4,690	584	1,173	36	625	46	7,154	13,912
1-4pm	5,224	1,074	1,034	60	618	49	8,059	5,417	710	1,055	95	479	55	7,811	15,870
4-7pm	7,128	885	1,074	126	380	25	9,618	5,722	1,182	857	11	246	28	8,046	17,664
7am-7pm	21,351	3,644	3,453	344	1,866	121	30,779	21,403	3,004	4,564	220	2,099	195	31,485	62,264
6-10am	6,213	933	620	104	376	33	8,279	7,748	884	1,783	176	951	140	11,682	19,961
3-7pm	9,148	1,171	1,539	161	578	50	12,647	7,570	1,445	1,212	29	374	39	10,669	23,316
6am-7pm	22,821	3,883	3,589	352	1,942	127	32,714	23,577	3,360	4,868	318	2,301	269	34,693	67,407

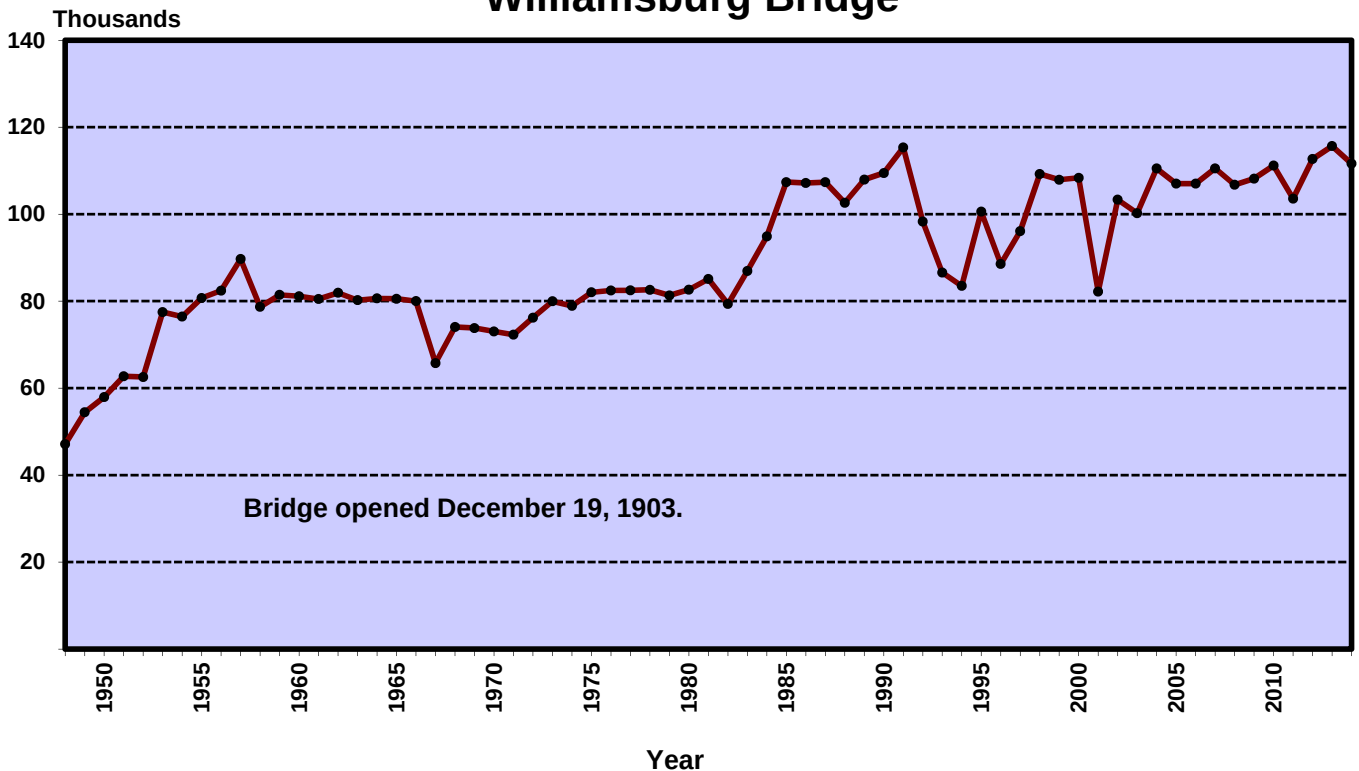
Based on November 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Williamsburg Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Williamsburg Bridge



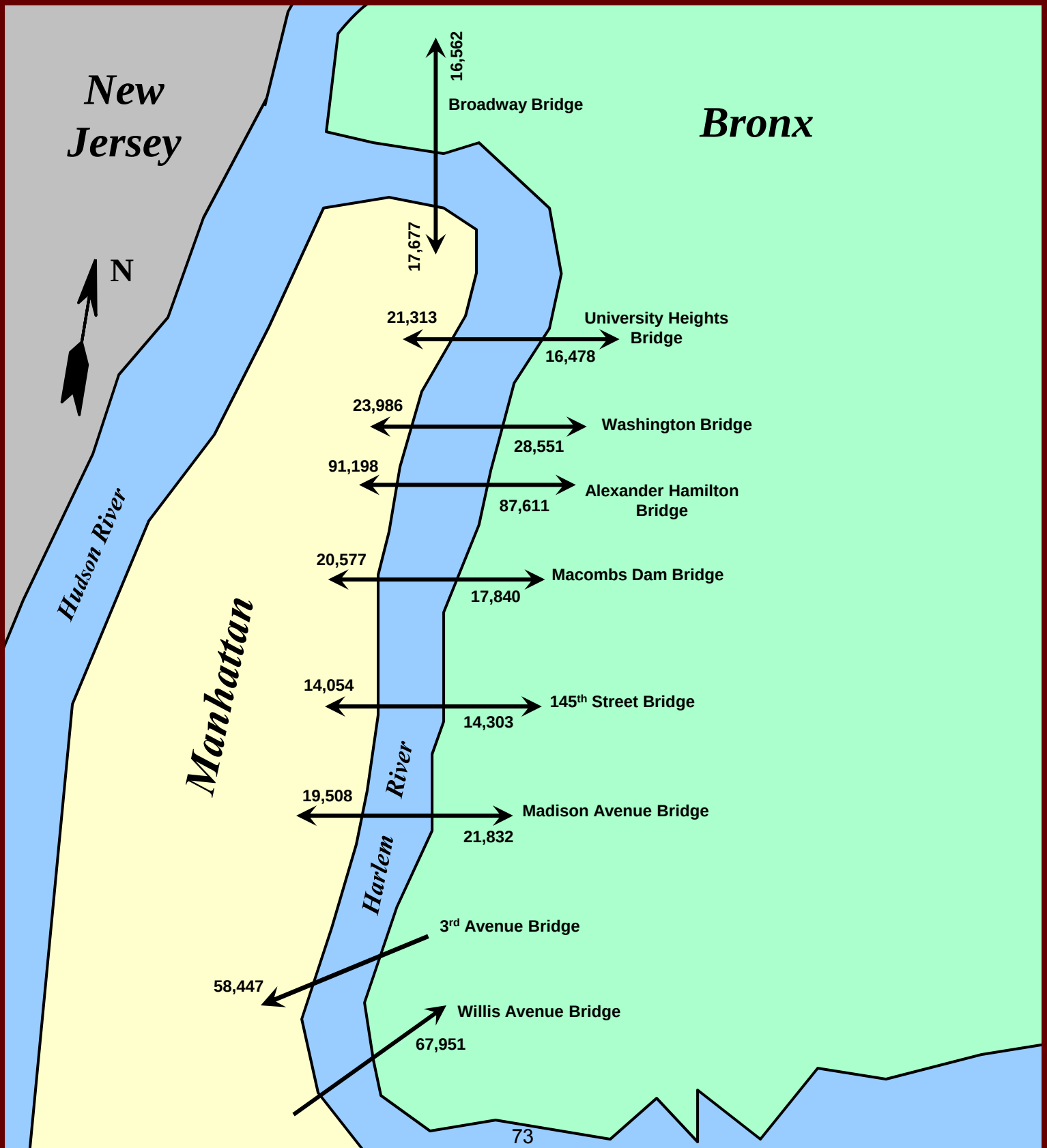
Harlem River Bridges



Madison Avenue Bridge

Harlem River Bridges

2014 Daily Volumes



Harlem River Bridges
Average Daily Traffic Volumes
1948 - 2014

Year	Alexander Hamilton	Broadway	Macombs Dam	Madison Avenue	Third Avenue
1948		16,020	33,608	27,222	31,403
1949		17,369	23,854	17,363	20,024
1950		15,462	28,641	27,933	34,984
1951	<i>Bridge Opened Jan. 1963</i>	16,374	31,072	33,576	51,478
1952		17,412	36,100	27,468	34,023
1953		16,821	35,331	24,382	37,593
1954		15,958	27,911	23,408	33,667
1955		17,046	27,914	34,681	38,201
1956		17,960	32,761	46,591	42,735
1957		20,345	55,609	40,860	47,269
1958		22,132	50,227	33,393	61,367
1959		25,491	48,720	27,967	56,525
1960		23,025	50,865	22,541	68,079
1961		21,097	32,447	28,375	61,584
1962		19,170	39,580	25,400	53,580
1963		23,110	43,450	27,090	63,840
1964	87,840	25,020	31,050	31,170	63,250
1965	125,133	17,555	37,451	26,315	55,644
1966	104,559	22,438	39,922	28,865	70,938
1967	135,803	22,844	35,595	27,683	52,931
1968	92,771	23,621	33,875	27,658	41,243
1969	132,487	22,224	38,845	28,219	57,748
1970	141,609	23,115	46,523	24,941	48,110
1971	137,881	28,232	40,489	28,891	50,548
1972	142,139	25,178	39,702	26,923	47,454
1973	137,133	24,408	38,349	34,815	60,415
1974	144,909	21,825	40,934	30,425	54,770
1975	134,013	30,638	38,995	29,823	62,079
1976	137,141	26,453	36,065	27,838	54,957
1977	158,710	26,465	33,539	29,832	52,969
1978	151,342	25,145	35,764	34,938	54,177
1979	143,973	27,673	37,145	29,036	54,428
1980	152,852	29,838	37,464	27,476	54,152
1981	148,609	30,485	42,064	29,456	51,483
1982	156,038	30,846	45,178	30,485	60,236
1983	161,772	29,875	42,747	30,715	67,813
1984	164,734	28,338	46,870	33,101	56,706
1985	171,602	33,086	52,497	37,956	59,907
1986	175,635	32,314	50,602	39,809	64,404
1987	180,908	31,934	48,021	31,506	62,089
1988	172,970	33,047	43,318	31,321	62,379
1989	183,661	35,066	43,450	31,688	64,849
1990	192,848	41,705	41,113	32,458	63,516
1991	187,309	40,444	42,393	34,826	65,787
1992	176,279	35,184	42,022	32,907	66,967
1993	180,507	33,752	39,251	32,432	68,812
1994	178,522	32,833	39,876	22,923	66,104
1995	175,279	42,555	41,571	22,739	68,663
1996	176,856	40,040	40,031	17,948	67,206
1997	176,102	34,645	44,033	28,646	71,365
1998	176,632	35,770	42,027	32,922	70,757
1999	180,201	35,412	41,813	38,102	68,544
2000	177,899	37,990	21,008	47,583	73,121
2001	168,605	41,175	39,615	43,331	72,756
2002	168,079	38,287	18,878	49,487	58,949
2003	182,704	36,888	42,254	41,575	43,065
2004	175,323	35,190	40,558	48,723	47,053
2005	181,566	35,698	40,112	48,397	60,152
2006	190,183	33,551	39,878	43,805	61,874
2007	192,651	35,523	40,749	44,663	59,712
2008	189,598	33,266	38,897	41,740	58,510
2009	191,646	35,566	39,508	43,480	59,039
2010	192,213	37,292	39,627	42,966	60,549
2011	182,174	35,770	44,311	41,423	59,603
2012	185,309	35,411	39,020	41,782	59,053
2013	188,417	35,462	38,930	47,046	60,120
2014	178,809	34,239	38,417	41,340	58,447

Harlem River Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2014

<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
2008	39,340	52,768	62,167	23,148	539,434
2009	39,165	52,420	58,548	24,364	543,736
2010	39,230	52,014	56,934	28,749	549,574
2011	43,601	52,373	57,710	27,677	544,642
2012	39,641	57,011	62,062	27,918	547,207
2013	40,774	54,031	65,216	28,167	558,163
2014	37,791	52,537	67,951	28,357	537,888

Hourly Vehicular Volumes

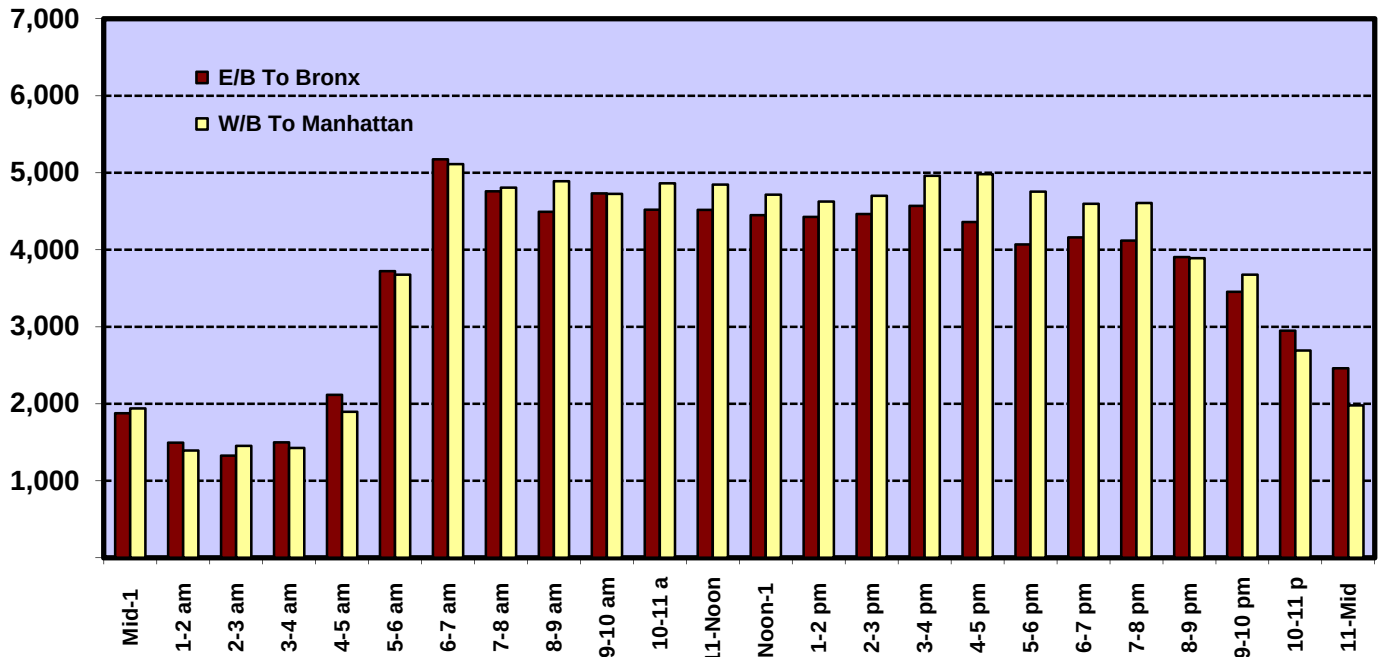
Alexander Hamilton Bridge - 2014

FHWA Classes ▲	Eastbound to Bronx							Westbound to Manhattan							2-way Grand Totals
	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		
12-1am	1,345	71	37	4	69	351	1,877	1,420	14	53	14	51	388	1,940	3,817
1-2am	884	62	23	3	66	456	1,494	854	21	56	6	60	395	1,392	2,886
2-3am	633	37	23	0	104	530	1,327	712	13	43	3	48	635	1,454	2,781
3-4am	577	46	34	1	194	647	1,499	544	0	43	3	86	750	1,426	2,925
4-5am	1,046	60	83	0	215	711	2,115	962	18	84	0	159	672	1,895	4,010
5-6am	2,199	21	101	2	164	1,235	3,722	2,219	47	132	0	348	930	3,676	7,398
6-7am	3,618	9	308	1	87	1,152	5,175	3,773	40	269	53	187	790	5,112	10,287 **
7-8am	3,674	20	277	19	327	442	4,759	3,693	61	317	40	266	429	4,806	9,565
8-9am	3,289	46	296	34	405	422	4,492	3,762	42	221	26	321	517	4,889	9,381
9-10am	3,388	28	372	42	406	495	4,731	3,375	39	175	21	432	683	4,725	9,456
10-11am	3,272	14	292	15	462	464	4,519	3,110	33	333	24	509	853	4,862	9,381
11-12am	3,211	84	290	8	449	475	4,517	3,066	30	258	27	401	1,063	4,845	9,362
12-1pm	3,209	78	272	23	399	468	4,449	2,964	43	254	30	441	983	4,715	9,164
1-2pm	3,409	42	267	27	312	369	4,426	3,034	34	276	45	341	895	4,625	9,051
2-3pm	3,602	39	217	21	303	281	4,463	3,264	63	246	30	313	784	4,700	9,163
3-4pm	3,601	67	226	35	308	333	4,570	3,675	46	323	15	255	646	4,960	9,530
4-5pm	3,523	46	224	58	257	251	4,359	3,867	33	284	13	232	552	4,981	9,340
5-6pm	3,288	35	303	20	176	248	4,070	3,967	37	167	3	171	409	4,754	8,824
6-7pm	3,532	7	148	7	156	310	4,160	3,994	16	124	2	111	350	4,597	8,757
7-8pm	3,442	37	123	29	157	331	4,119	3,907	21	130	7	116	427	4,608	8,727
8-9pm	3,277	55	91	9	163	310	3,905	3,258	24	121	5	92	390	3,890	7,795
9-10pm	2,783	75	96	4	91	405	3,454	3,056	27	93	0	80	420	3,676	7,130
10-11pm	2,461	42	61	0	48	337	2,949	2,278	30	82	6	61	234	2,691	5,640
11-12pm	2,098	66	33	0	43	220	2,460	1,432	19	63	8	60	397	1,979	4,439
Totals	65,361	1,087	4,197	362	5,361	11,243	87,611	66,196	751	4,147	381	5,141	14,592	91,198	178,809
7-10am	10,351	94	945	95	1,138	1,359	13,982	10,830	142	713	87	1,019	1,629	14,420	28,402
10am-1pm	9,692	176	854	46	1,310	1,407	13,485	9,140	106	845	81	1,351	2,899	14,422	27,907
1-4pm	10,612	148	710	83	923	983	13,459	9,973	143	845	90	909	2,325	14,285	27,744
4-7pm	10,343	88	675	85	589	809	12,589	11,828	86	575	18	514	1,311	14,332	26,921
7am-7pm	40,998	506	3,184	309	3,960	4,558	53,515	41,771	477	2,978	276	3,793	8,164	57,459	110,974
6-10am	13,969	103	1,253	96	1,225	2,511	19,157	14,603	182	982	140	1,206	2,419	19,532	38,689
3-7pm	13,944	155	901	120	897	1,142	17,159	15,503	132	898	33	769	1,957	19,292	36,451
6am-7pm	44,616	515	3,492	310	4,047	5,710	58,690	45,544	517	3,247	329	3,980	8,954	62,571	121,261

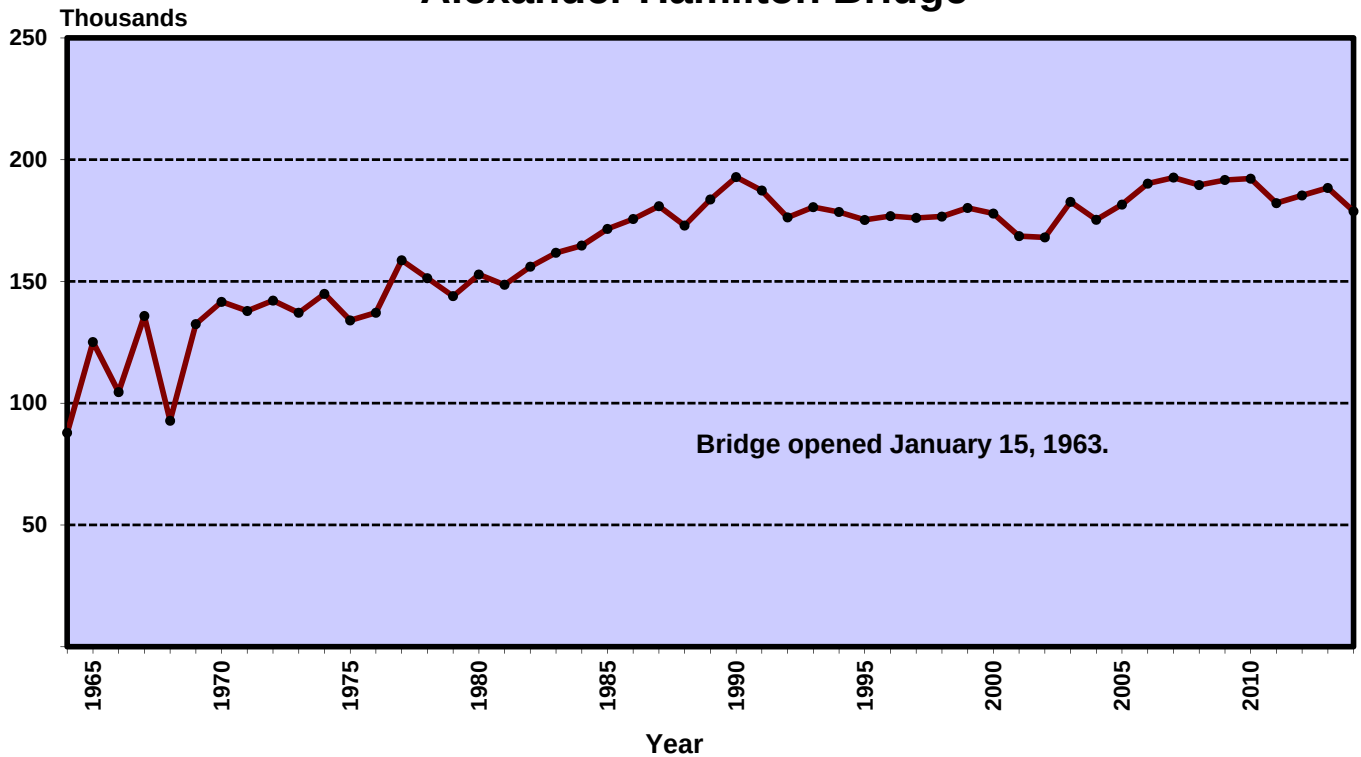
Based on October 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Alexander Hamilton Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Alexander Hamilton Bridge



Hourly Vehicular Volumes

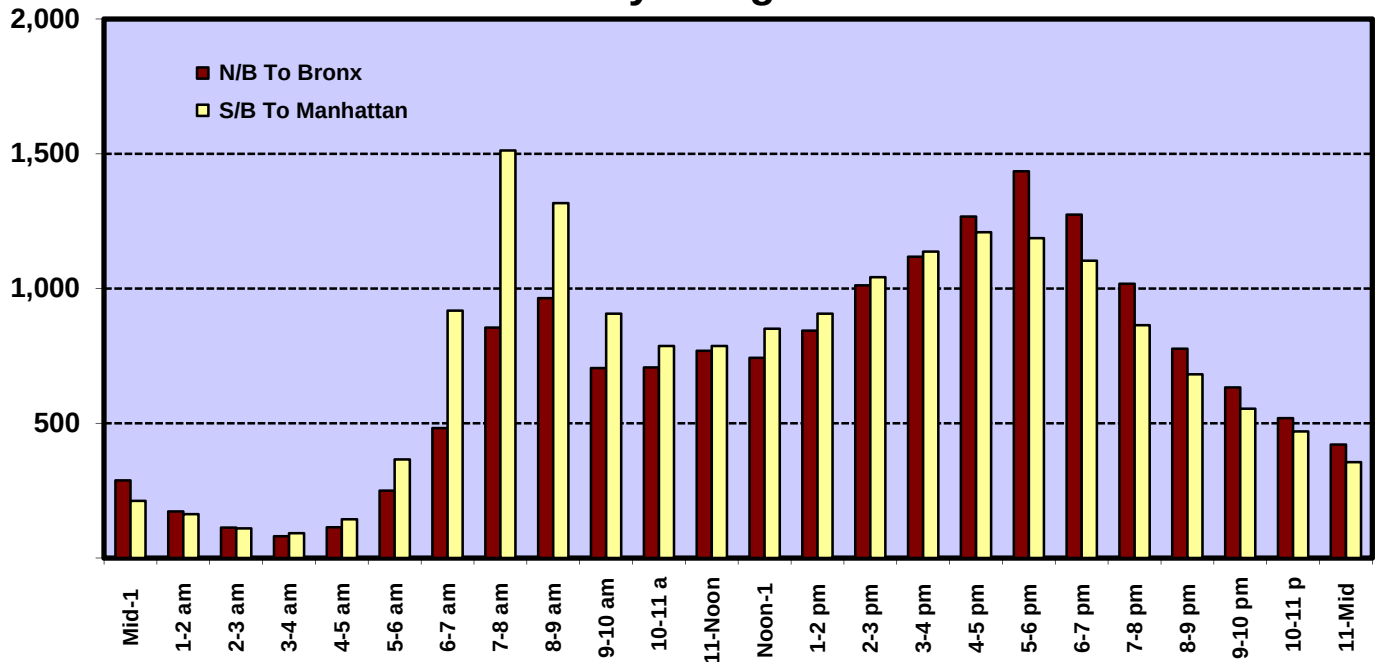
Broadway Bridge - 2014

FHWA Classes ▲	Northbound to Bronx						Southbound to Manhattan					
	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles						Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles					
	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles
	1, 2, 3	2	2 & 3	5 - 7	8 - 13		1, 2, 3	2	2 & 3	5 - 7	8 - 13	
12-1am	248	17	8	2	2	288	128	64	3	2	0	212
1-2am	138	17	0	12	5	173	92	47	1	0	3	163
2-3am	97	7	5	1	1	113	57	42	4	1	2	110
3-4am	63	14	3	0	1	81	59	22	3	4	2	92
4-5am	81	11	1	13	4	114	100	27	10	1	5	144
5-6am	145	10	3	57	1	250	285	51	17	4	2	366
6-7am	352	14	13	69	3	482	731	84	28	9	1	918
7-8am	712	27	23	63	17	855	1,223	173	50	13	5	1,512 **
8-9am	814	74	22	34	10	964	1,020	168	56	19	9	1,317
9-10am	553	55	44	32	4	705	656	127	48	21	17	907
10-11am	552	59	44	16	26	707	525	156	37	23	26	787
11-12am	615	77	26	19	24	769	529	159	60	20	9	877
12-1pm	591	64	34	20	26	743	635	126	45	17	8	851
1-2pm	671	52	45	43	32	844	632	179	46	22	9	907
2-3pm	835	77	30	38	22	1,012	774	146	49	27	6	1,042
3-4pm	955	81	26	39	15	1,118	850	168	53	17	2	1,137
4-5pm	1,065	119	26	47	9	1,267 **	955	156	50	30	0	1,209
5-6pm	1,221	132	41	37	3	1,435	976	135	39	7	1	1,187
6-7pm	1,176	45	23	28	1	1,274	886	149	16	43	2	1,103
7-8pm	932	44	15	15	9	1,018	698	102	16	40	1	864
8-9pm	698	42	11	16	9	777	482	138	21	32	5	682
9-10pm	573	40	15	2	2	633	398	103	10	4	1	554
10-11pm	454	45	11	7	0	519	319	110	6	31	2	470
11-12pm	363	34	10	8	5	421	235	94	14	0	2	356
Totals	13,904	1,157	479	627	276	16,562	13,245	2,726	682	243	120	17,677
7-10am	2,079	156	89	129	44	2,524	2,899	468	154	53	31	3,736
10am-1pm	1,758	200	104	55	76	2,219	1,689	441	142	60	43	2,425
1-4pm	2,461	210	101	120	69	2,974	2,256	493	148	63	17	3,086
4-7pm	3,462	296	90	112	13	3,976	2,817	440	105	102	3	3,499
7am-7pm	9,760	862	384	416	202	11,693	9,661	1,842	549	392	94	12,746
6-10am	2,431	170	102	198	47	3,006	3,630	552	182	62	32	4,654
3-7pm	4,417	377	116	151	28	5,094	3,667	608	158	49	5	4,636
6am-7pm	10,112	876	397	485	205	12,175	10,392	1,926	577	217	95	13,664
Totals	34,239			661	120	34,239						

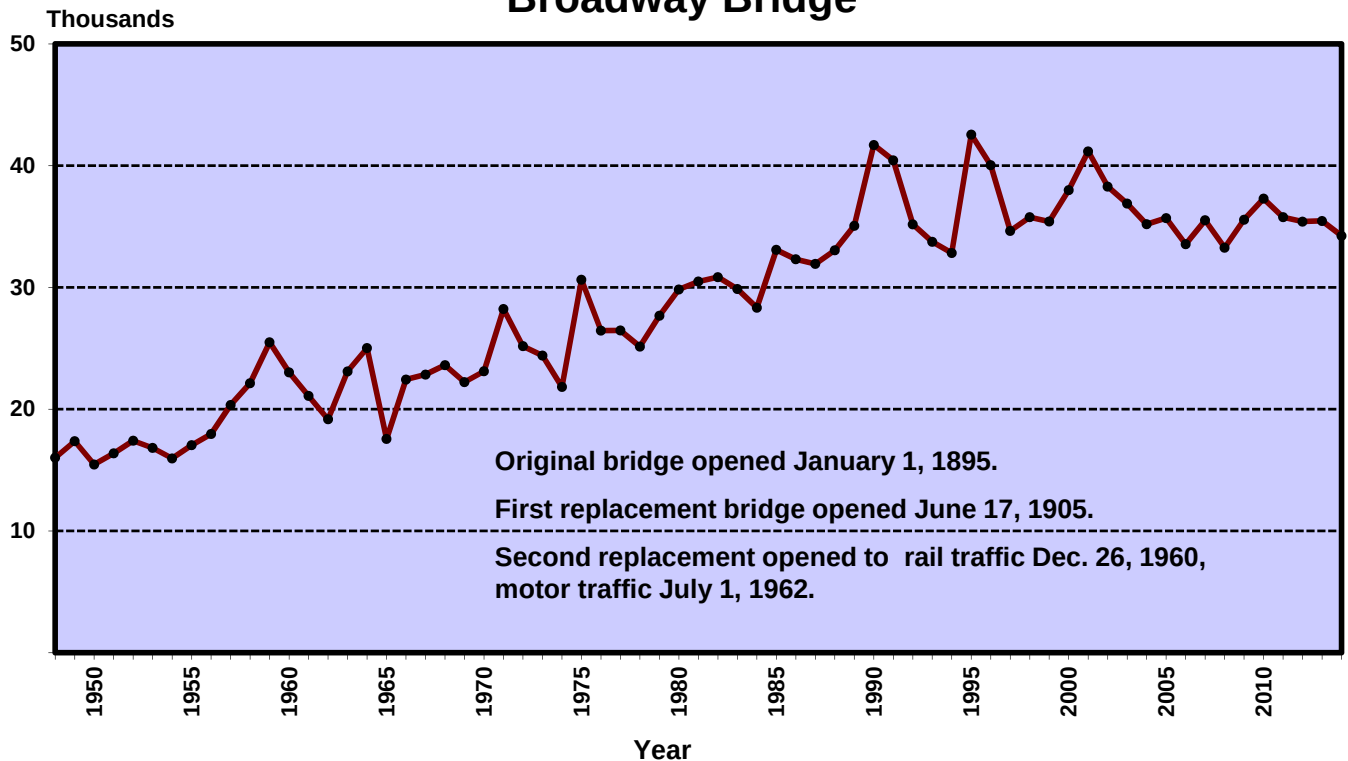
Based on October 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Broadway Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Broadway Bridge



Hourly Vehicular Volumes

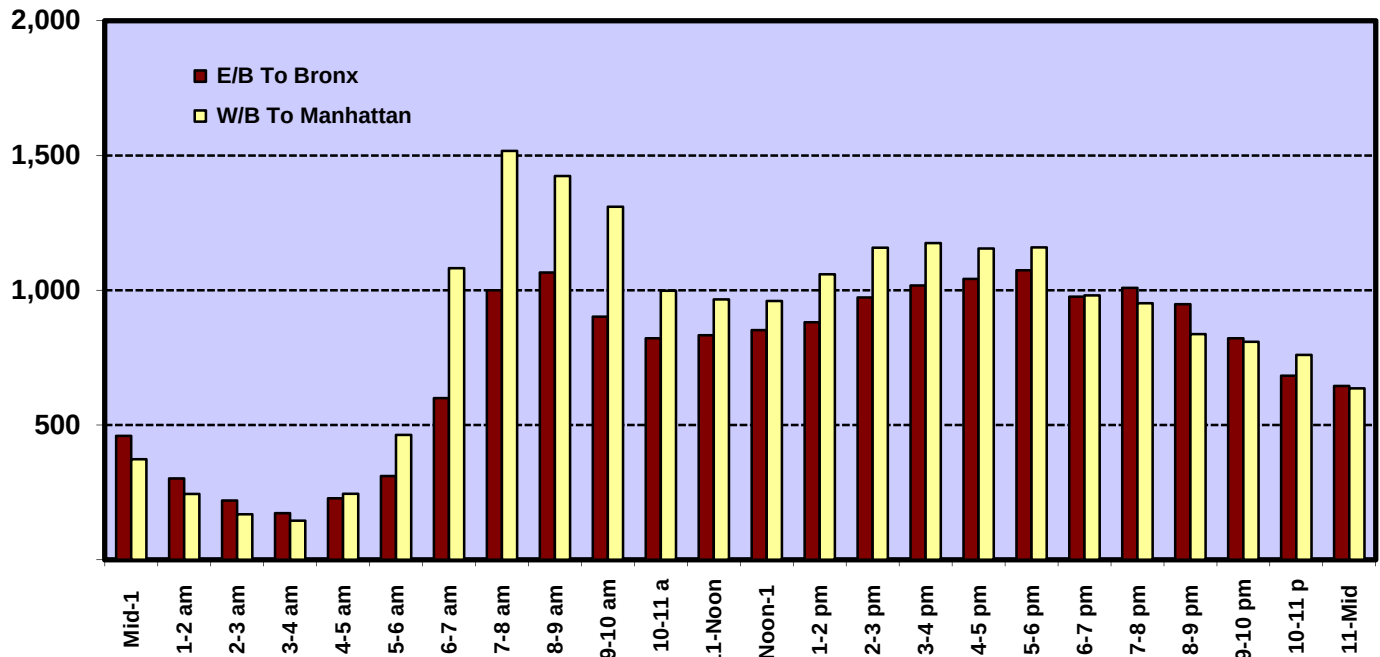
Macombs Dam Bridge - 2014

Westbound to Manhattan														2-way Grand Totals	
FHWA Classes ▶	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles					Autos, Motorcycles SUVs, Family Vans					Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles				Total Vehicles
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13	1, 2, 3	Taxis, Liveries, Limos	Buses	Single Unit Trucks	Multiple Unit Trucks	8 - 13			
12-1am	371	44	28	5	9	3	460	321	31	15	4	1	1	373	833
1-2am	245	26	19	5	5	2	302	212	18	11	2	0	1	244	546
2-3am	169	31	10	1	8	1	220	139	21	6	2	1	0	169	389
3-4am	131	26	11	1	1	3	173	123	16	3	2	1	0	145	318
4-5am	170	42	7	1	7	1	228	191	21	17	13	2	1	245	473
5-6am	247	46	9	3	1	5	311	339	72	28	14	7	3	463	774
6-7am	470	82	23	7	18	0	600	689	174	107	59	42	11	1,082	1,682
7-8am	818	119	25	20	15	3	1,000	1,065	194	119	87	31	21	1,517	2,517 **
8-9am	876	88	23	58	16	5	1,066	1,135	115	95	26	45	8	1,424	2,490
9-10am	722	85	44	27	22	2	902	1,033	109	75	14	71	8	1,310	2,212
10-11am	640	86	49	12	32	3	822	799	71	57	22	43	6	998	1,820
11-12am	624	100	67	8	28	6	833	740	87	82	18	32	7	966	1,799
12-1pm	646	98	70	8	25	5	852	756	88	71	13	21	11	960	1,812
1-2pm	670	105	66	10	27	3	881	800	131	74	22	24	8	1,059	1,940
2-3pm	775	108	55	10	24	1	973	885	139	83	28	20	3	1,158	2,131
3-4pm	841	80	49	17	25	6	1,018	903	122	79	34	33	4	1,175	2,193
4-5pm	879	70	44	24	22	3	1,042	928	91	87	34	14	1	1,155	2,197
5-6pm	859	104	39	32	33	7	1,074 **	983	87	62	21	6	0	1,159	2,233
6-7pm	797	90	51	11	22	5	976	846	68	47	15	5	0	981	1,957
7-8pm	825	91	64	9	16	4	1,009	822	68	43	16	2	1	952	1,961
8-9pm	789	91	51	5	8	4	948	728	59	38	9	3	0	837	1,785
9-10pm	690	75	44	6	6	1	822	699	68	27	11	4	0	809	1,631
10-11pm	568	61	38	5	6	5	683	652	49	43	10	6	0	760	1,443
11-12pm	538	53	38	3	9	4	645	550	44	26	13	3	0	636	1,281
Totals	14,360	1,801	924	288	385	82	17,840	16,338	1,943	1,295	489	417	95	20,577	38,417
7-10am	2,416	292	92	105	53	10	2,968	3,233	418	289	127	147	37	4,251	7,219
10am-1pm	1,910	284	186	28	85	14	2,507	2,295	246	210	53	96	24	2,924	5,431
1-4pm	2,286	293	170	37	76	10	2,872	2,588	392	236	84	77	15	3,392	6,264
4-7pm	2,535	264	134	67	77	15	3,092	2,757	246	196	70	25	1	3,295	6,387
7am-7pm	9,147	1,133	582	237	291	49	11,439	10,873	1,302	931	334	345	77	13,862	25,301
6-10am	2,886	374	115	112	71	10	3,568	3,922	592	396	186	189	48	5,333	8,901
3-7pm	3,376	344	183	84	102	21	4,110	3,660	368	275	104	58	5	4,470	8,580
6am-7pm	9,617	1,215	605	244	309	49	12,039	11,562	1,476	1,038	393	387	88	14,944	26,983

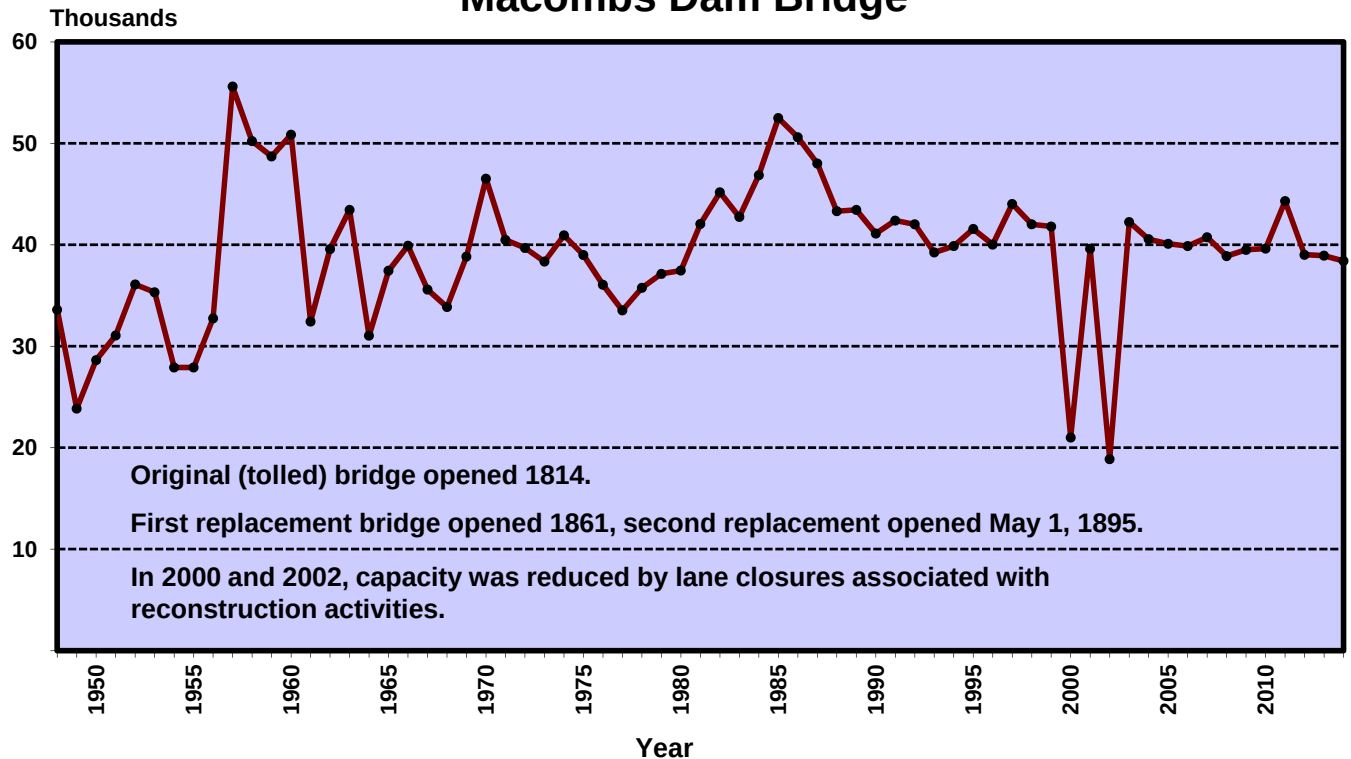
Based on October 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Macombs Dam Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Macombs Dam Bridge



Hourly Vehicular Volumes

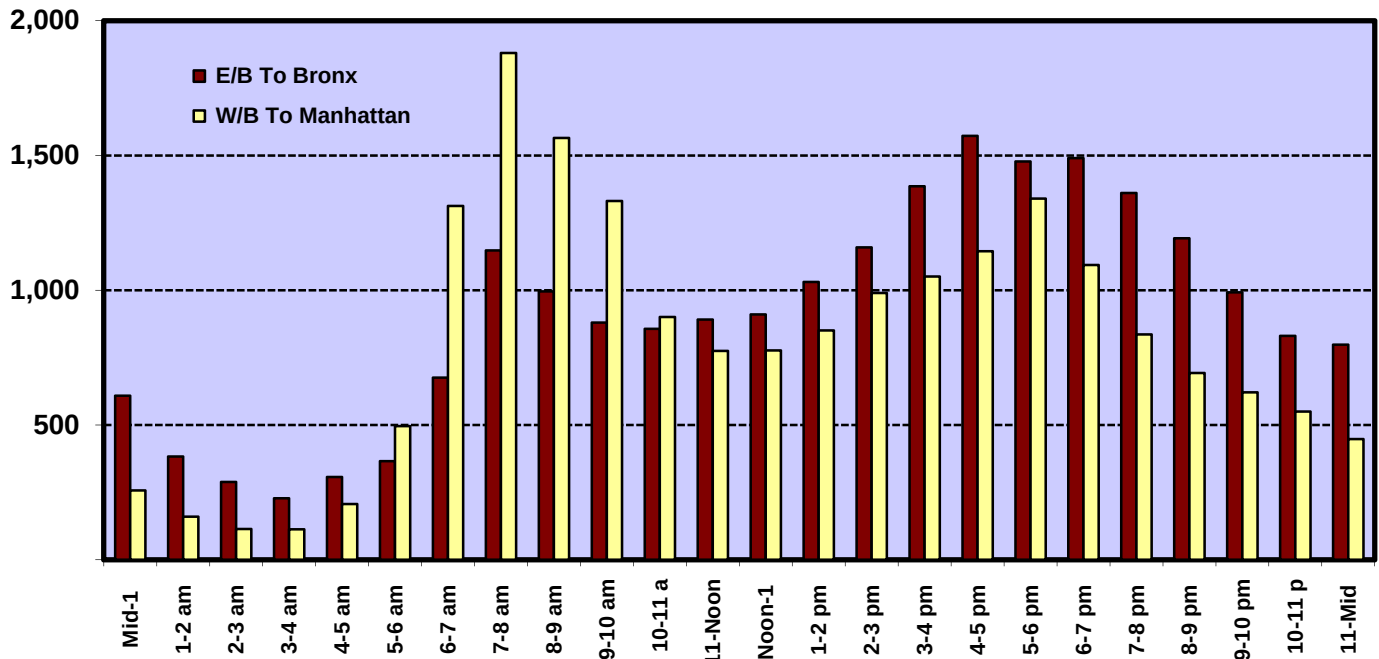
Madison Avenue Bridge - 2014

FHWA Classes ▲	Eastbound to Bronx							Westbound to Manhattan							2-way Grand Totals
	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		
12-1am	489	82	17	10	8	3	609	234	11	6	2	4	0	257	866
1-2am	266	86	11	4	16	0	383	139	14	1	1	4	1	160	543
2-3am	196	69	7	1	16	0	289	101	8	1	0	2	2	114	403
3-4am	148	52	13	1	9	5	228	76	22	9	0	4	2	113	341
4-5am	200	63	17	1	18	8	307	138	36	16	2	13	2	207	514
5-6am	285	38	14	2	27	0	366	352	63	15	18	45	3	496	862
6-7am	565	45	25	8	33	0	676	842	127	58	171	105	10	1,313	1,989
7-8am	993	36	26	39	51	3	1,148	1,468	121	118	89	78	6	1,880	3,028
8-9am	771	64	37	88	34	2	996	1,221	47	160	25	108	4	1,565	2,561
9-10am	546	173	74	42	36	9	880	983	42	143	42	117	4	1,331	2,211
10-11am	559	130	80	26	61	1	857	681	33	93	40	53	1	901	1,758
11-12am	650	85	86	19	48	3	891	596	22	96	18	42	1	775	1,666
12-1pm	607	110	103	28	75	2	910	625	14	54	34	48	2	777	1,687
1-2pm	773	71	89	23	70	0	1,031	691	17	42	47	53	1	851	1,882
2-3pm	895	56	111	21	76	0	1,159	784	22	77	73	32	2	990	2,149
3-4pm	1,001	111	147	63	61	3	1,386	912	20	66	34	19	0	1,051	2,437
4-5pm	1,121	195	156	57	41	3	1,573	1,043	47	14	31	10	0	1,145	2,718
5-6pm	1,250	57	110	35	26	0	1,478	1,194	106	6	25	9	0	1,340	2,818
6-7pm	1,323	36	67	30	34	0	1,490	987	49	24	22	10	2	1,094	2,584
7-8pm	1,200	63	58	20	19	1	1,361	767	25	18	23	2	1	836	2,197
8-9pm	1,058	77	34	14	9	1	1,193	658	16	9	4	5	1	693	1,886
9-10pm	874	73	28	8	9	0	992	576	8	20	10	6	1	621	1,613
10-11pm	708	87	20	7	8	1	831	495	22	19	8	5	1	550	1,381
11-12pm	688	64	21	10	14	1	798	417	14	5	9	3	0	448	1,246
Totals	17,166	1,923	1,351	557	789	46	21,832	15,980	906	1,070	728	777	47	19,508	41,340
7-10am	2,310	273	137	169	121	14	3,024	3,672	210	421	156	303	14	4,776	7,800
10am-1pm	1,816	325	269	73	169	6	2,658	1,902	69	243	92	143	4	2,453	5,111
1-4pm	2,669	238	347	107	212	3	3,576	2,387	59	185	154	104	3	2,892	6,468
4-7pm	3,694	288	333	122	101	3	4,541	3,224	202	44	78	29	2	3,579	8,120
7am-7pm	10,489	1,124	1,086	471	603	26	13,799	11,185	540	893	480	579	23	13,700	27,499
6-10am	2,875	318	162	177	154	14	3,700	4,514	337	479	327	408	24	6,089	9,789
3-7pm	4,695	399	480	185	162	6	5,927	4,136	222	110	112	48	2	4,630	10,557
6am-7pm	11,054	1,169	1,111	479	636	26	14,475	12,027	667	951	651	684	33	15,013	29,488

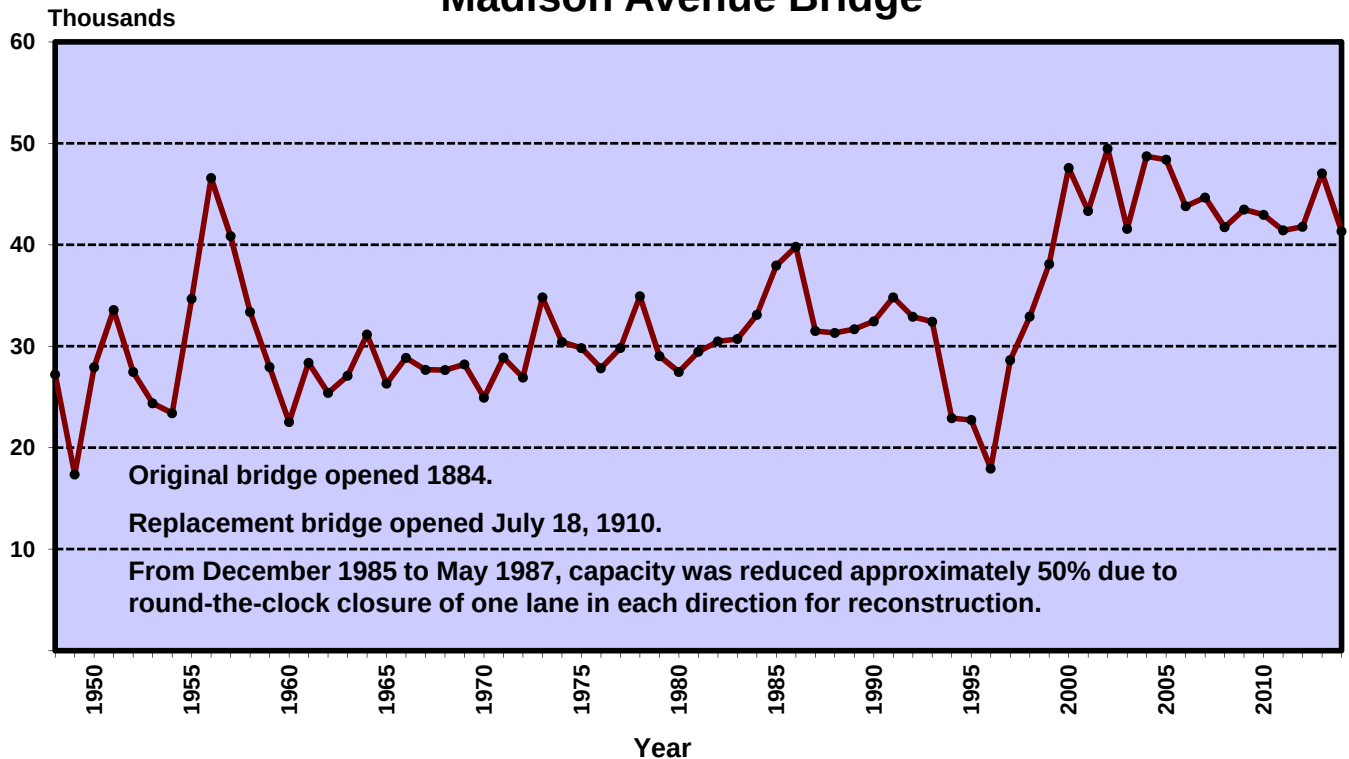
Based on October 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Madison Avenue Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Madison Avenue Bridge



Hourly Vehicular Volumes

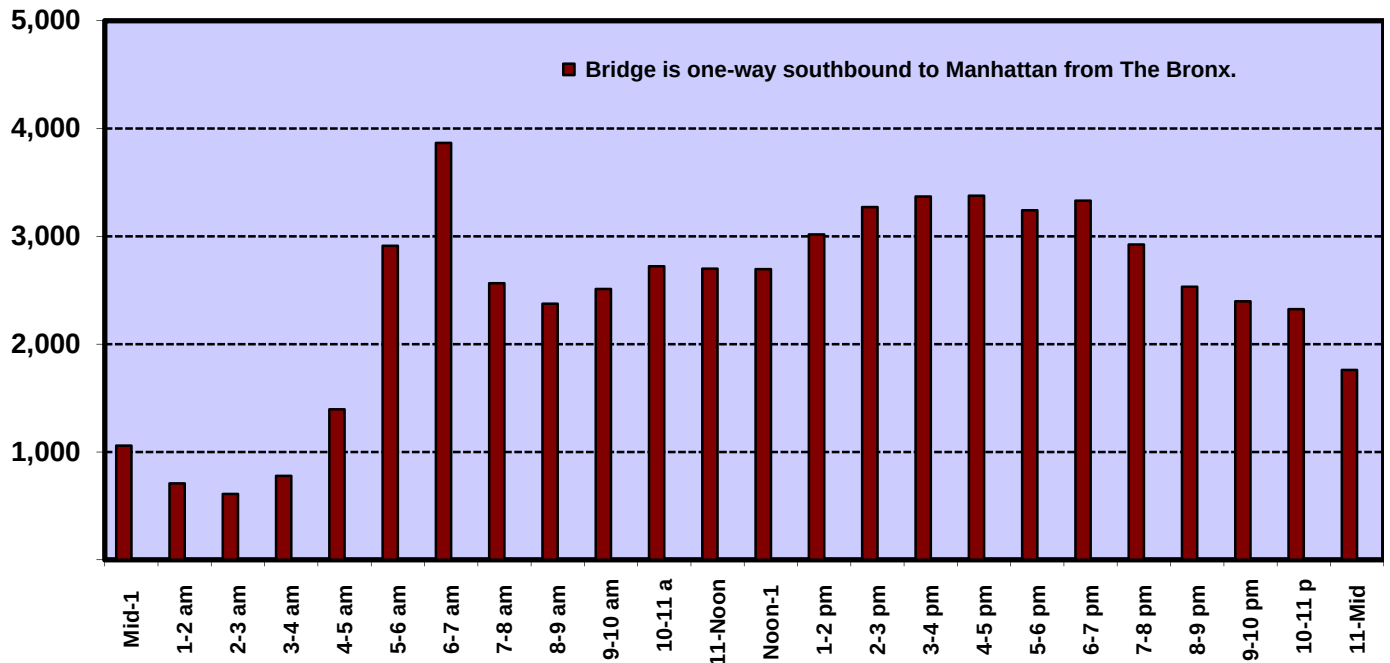
Third Avenue Bridge - 2014

Northbound to Bronx										Southbound to Manhattan											
FHWA Classes ▲	Autos, Motorcycles					Commercial Vans, Panel Trucks,					Autos, Motorcycles					Commercial Vans, Panel Trucks,					2-way Grand Totals
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13	Taxis, Liveries, Limos	Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	Taxis, Liveries, Limos	Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles			
Bridge is 1-way southbound from Bronx to Manhattan.																					
12-1am							836	162	21	3	33	4								1,059	
1-2am							498	136	20	2	47	6								709	
2-3am							365	172	36	1	32	4								610	
3-4am							416	218	42	0	96	7								779	
4-5am							855	219	83	4	214	20								1,395	
5-6am							2,103	298	177	17	278	40								2,913	
6-7am							2,891	192	272	159	323	30								3,867	
7-8am							1,917	158	245	80	153	12								2,565	
8-9am							1,815	79	322	18	136	5								2,375	
9-10am							1,826	189	309	23	156	8								2,511	
10-11am							1,962	291	306	26	126	11								2,722	
11-12am							1,992	266	264	28	133	17								2,700	
12-1pm							2,030	207	273	61	116	8								2,695	
1-2pm							2,338	194	222	140	118	6								3,018	
2-3pm							2,577	289	180	116	105	4								3,271	
3-4pm							2,904	244	111	57	50	4								3,370	
4-5pm							2,905	302	91	29	44	6								3,377	
5-6pm							2,714	297	158	25	39	9								3,242	
6-7pm							2,902	262	104	20	37	6								3,331	
7-8pm							2,540	255	79	11	32	7								2,924	
8-9pm							2,223	211	61	6	28	3								2,532	
9-10pm							2,093	180	65	2	57	1								2,398	
10-11pm							1,988	225	61	1	45	4								2,324	
11-12pm							1,446	227	35	4	39	9								1,760	
Totals	46,136	5,273	3,537	833	2,437	231	58,447													58,447	
7-10am	5,558	426	876	121	445	25	7,451													7,451	
10am-1pm	5,984	764	843	115	375	36	8,117													8,117	
1-4pm	7,819	727	513	313	273	14	9,659													9,659	
4-7pm	8,521	861	353	74	120	21	9,950													9,950	
7am-7pm	27,882	2,778	2,585	623	1,213	96	35,177													35,177	
6-10am	8,449	618	1,148	280	768	55	11,318													11,318	
3-7pm	11,425	1,105	464	131	170	25	13,320													13,320	
6am-7pm	30,773	2,970	2,857	782	1,536	126	39,044													39,044	

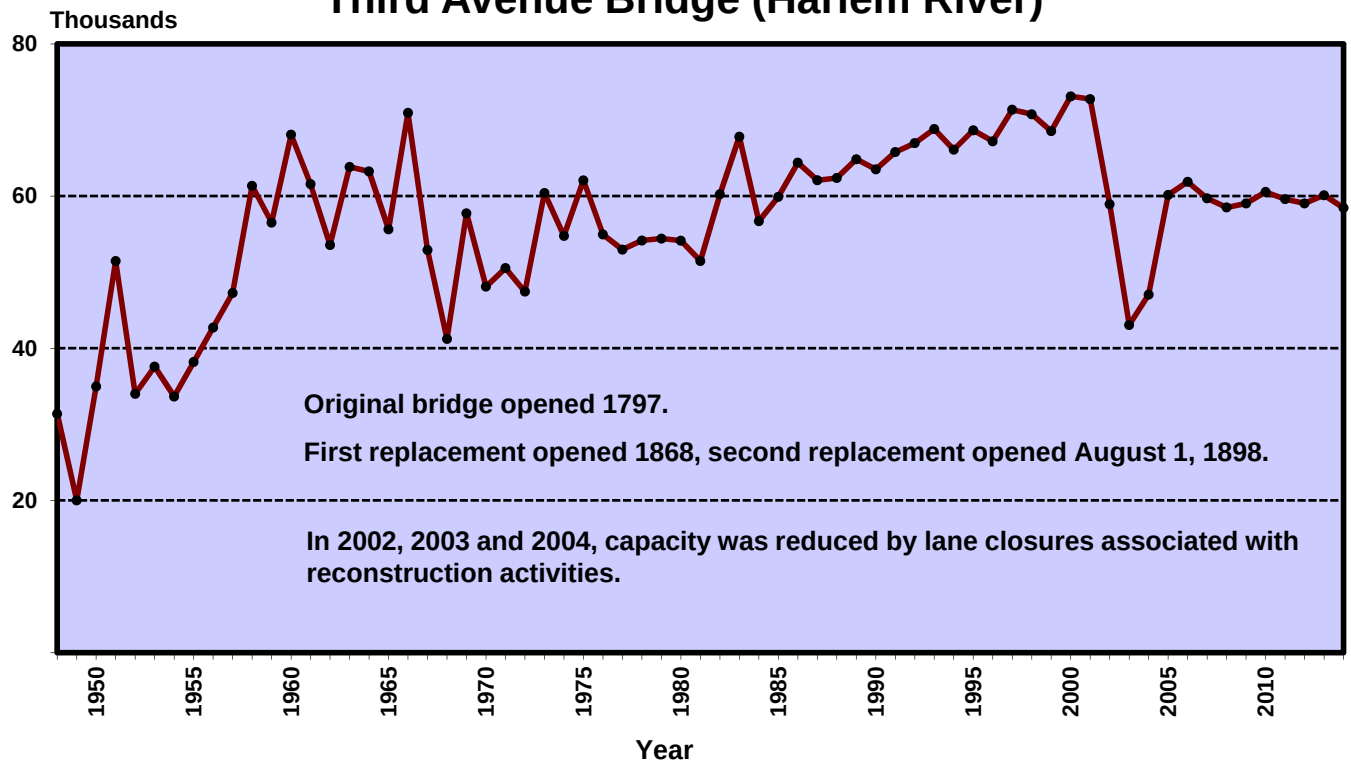
Based on October 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Third Avenue Bridge (Harlem River) ~ 2014



Average Daily Traffic Volumes Third Avenue Bridge (Harlem River)



Hourly Vehicular Volumes

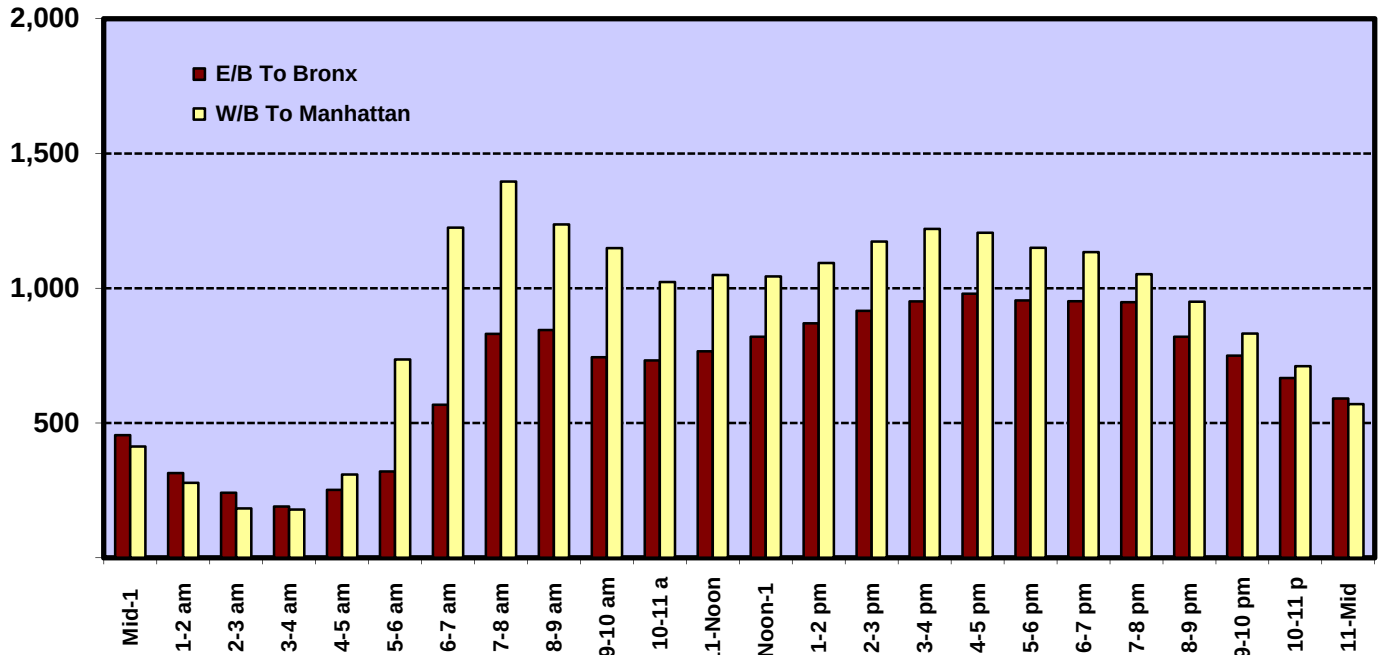
University Heights Bridge - 2014

FHWA Classes ▲	Eastbound to Bronx							Westbound to Manhattan							2-way Grand Totals
	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		
12-1am	387	50	4	4	9	1	455	357	36	6	6	8	0	413	868
1-2am	282	20	8	2	2	0	314	214	46	9	1	8	0	278	592
2-3am	215	17	2	2	5	0	241	131	28	8	2	14	0	183	424
3-4am	153	17	6	2	11	1	190	165	4	2	4	4	0	179	369
4-5am	207	11	19	4	5	6	252	267	20	9	1	12	0	309	561
5-6am	274	19	14	3	8	2	320	620	49	39	9	17	2	736	1,056
6-7am	435	46	16	17	53	1	568	982	73	79	65	24	2	1,225	1,793
7-8am	673	52	37	29	36	4	831	1,173	60	58	53	50	2	1,396	2,227
8-9am	656	71	58	32	24	4	845	1,017	78	74	20	45	3	1,237	2,082
9-10am	511	97	59	19	56	2	744	841	111	99	27	61	10	1,149	1,893
10-11am	532	76	84	16	21	3	732	770	106	71	13	61	2	1,023	1,755
11-12am	589	62	48	13	46	8	766	854	52	61	19	56	7	1,049	1,815
12-1pm	614	76	57	16	53	4	820	845	61	55	25	54	4	1,044	1,864
1-2pm	689	87	72	18	25	9	870	847	99	69	34	44	1	1,094	1,964
2-3pm	717	87	51	20	30	11	916	926	117	62	25	42	1	1,173	2,089
3-4pm	746	76	72	30	26	1	951	1,031	63	50	35	39	2	1,220	2,171
4-5pm	787	68	61	42	21	1	980	995	88	58	24	40	1	1,206	2,186
5-6pm	770	99	50	19	14	3	955	946	104	65	17	18	0	1,150	2,105
6-7pm	817	79	30	7	17	2	952	960	105	34	15	20	0	1,134	2,086
7-8pm	734	135	49	18	10	2	948	860	127	36	14	15	0	1,052	2,000
8-9pm	669	104	25	11	10	1	820	790	102	33	11	13	1	950	1,770
9-10pm	673	46	19	9	3	0	750	711	86	19	10	6	0	832	1,582
10-11pm	570	66	18	7	6	0	667	592	91	12	8	7	1	711	1,378
11-12pm	514	58	9	6	3	1	591	475	65	15	3	11	1	570	1,161
Totals	13,214	1,489	868	346	494	67	16,478	17,369	1,771	1,023	441	669	40	21,313	37,791
7-10am	1,840	220	154	80	116	10	2,420	3,031	249	231	100	156	15	3,782	6,202
10am-1pm	1,735	214	189	45	120	15	2,318	2,469	219	187	57	171	13	3,116	5,434
1-4pm	2,152	220	195	68	81	21	2,737	2,804	279	181	94	125	4	3,487	6,224
4-7pm	2,374	246	141	68	52	6	2,887	2,901	297	157	56	78	1	3,490	6,377
7am-7pm	8,101	900	679	261	369	52	10,362	11,205	1,044	756	307	530	33	13,875	24,237
6-10am	2,275	266	170	97	169	11	2,988	4,013	322	310	165	180	17	5,007	7,995
3-7pm	3,120	322	213	98	78	7	3,838	3,932	360	207	91	117	3	4,710	8,548
6am-7pm	8,536	946	695	278	422	53	10,930	12,187	1,117	835	372	554	35	15,100	26,030

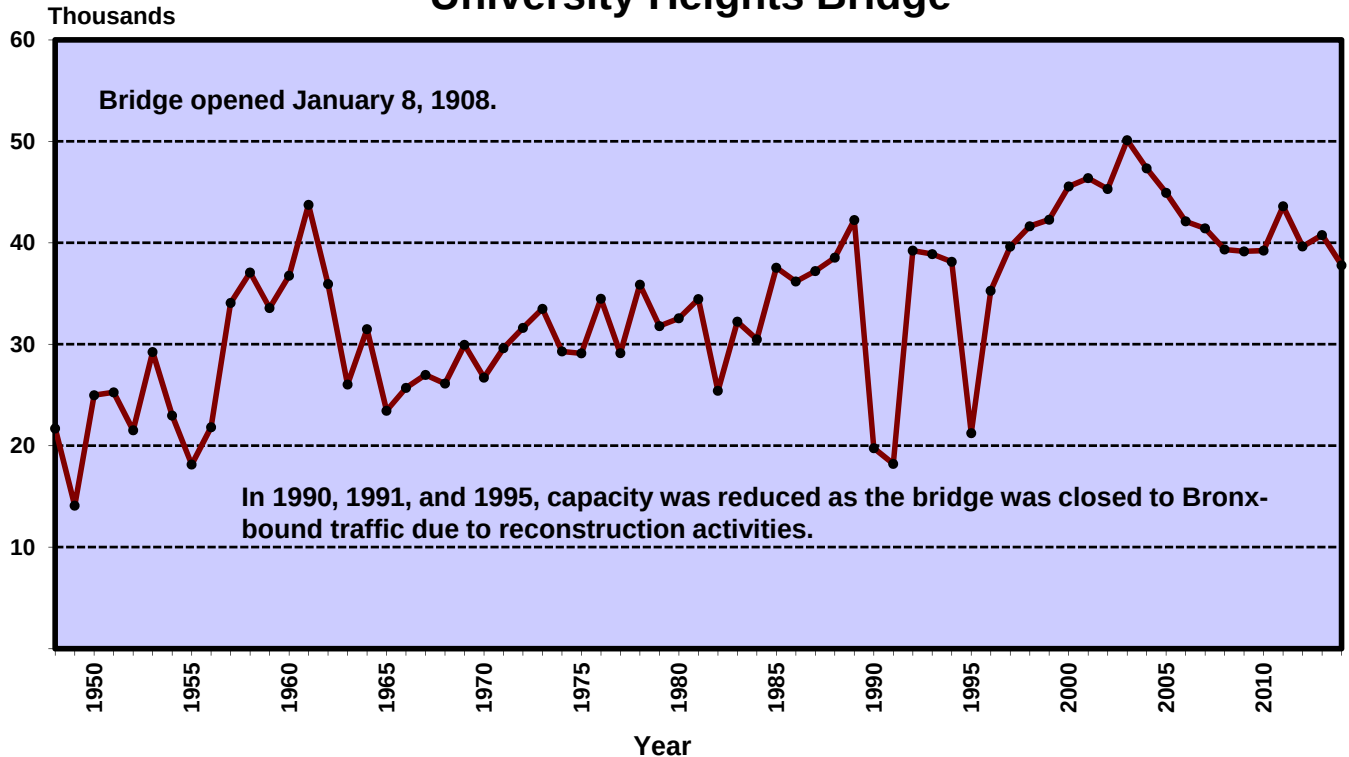
Based on October 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes University Heights Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions University Heights Bridge



Hourly Vehicular Volumes

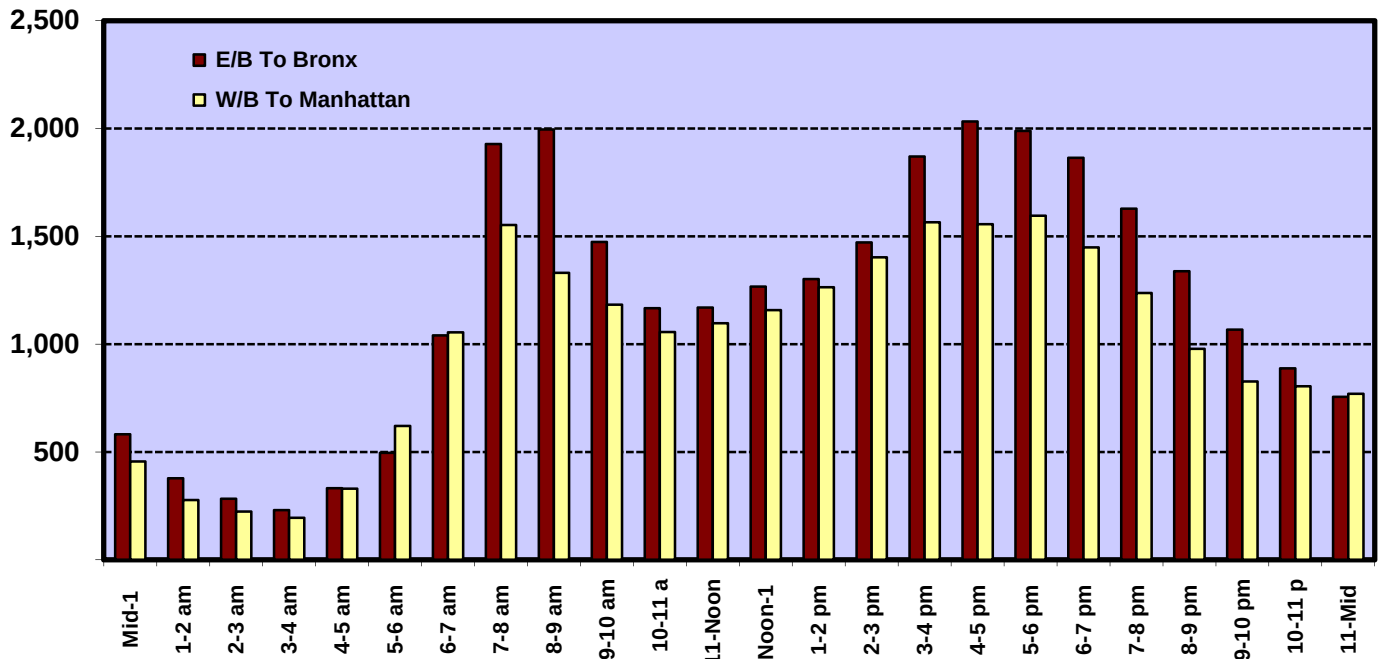
Washington Bridge - 2014

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						2-Way Totals
	Autos	Buses	Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	582	---	---	---	---	---	456	1,038
1-2am	---	---	---	---	---	378	---	---	---	---	---	277	655
2-3am	---	---	---	---	---	283	---	---	---	---	---	224	507
3-4am	---	---	---	---	---	230	---	---	---	---	---	195	425
4-5am	---	---	---	---	---	332	---	---	---	---	---	330	662
5-6am	---	---	---	---	---	496	---	---	---	---	---	621	1,117
6-7am	---	---	---	---	---	1,041	---	---	---	---	---	1,055	2,096
7-8am	1,652	63	35	57	121	1,928	1,311	61	117	38	26	1,553	3,481
8-9am	1,672	51	30	90	153	1,996	1,123	62	68	51	27	1,331	3,327
9-10am	1,220	40	26	96	92	1,474	1,028	35	52	40	28	1,183	2,657
10-11am	1,061	31	7	29	39	1,167	964	34	10	26	22	1,056	2,223
11-12am	1,012	24	14	56	64	1,170	958	45	28	30	36	1,097	2,267
12-1pm	1,134	38	17	23	55	1,267	1,084	28	10	20	16	1,158	2,425
1-2pm	1,192	29	5	30	46	1,302	1,184	30	17	19	14	1,264	2,566
2-3pm	1,281	31	23	63	74	1,472	1,212	57	43	51	40	1,403	2,875
3-4pm	1,701	40	11	33	85	1,870	1,412	44	44	44	21	1,565	3,435
4-5pm	1,692	40	51	62	188	2,033	1,324	38	67	82	45	1,556	3,589 **
5-6pm	1,778	33	49	35	94	1,989	1,449	29	44	33	41	1,596	3,585
6-7pm	1,713	22	30	23	76	1,864	1,313	36	53	18	29	1,449	3,313
7-8pm	---	---	---	---	---	1,628	---	---	---	---	---	1,237	2,865
8-9pm	---	---	---	---	---	1,338	---	---	---	---	---	978	2,316
9-10pm	---	---	---	---	---	1,067	---	---	---	---	---	827	1,894
10-11pm	---	---	---	---	---	888	---	---	---	---	---	805	1,693
11-12pm	---	---	---	---	---	756	---	---	---	---	---	770	1,526
Totals	---	---	---	---	---	28,551	---	---	---	---	---	23,986	52,537
7-10am	4,544	154	91	243	366	5,398	3,462	158	237	129	81	4,067	9,465
10am-1pm	3,207	93	38	108	158	3,604	3,006	107	48	76	74	3,311	6,915
1-4pm	4,174	100	39	126	205	4,644	3,808	131	104	114	75	4,232	8,876
4-7pm	5,183	95	130	120	358	5,886	4,086	103	164	133	115	4,601	10,487
7am-7pm	17,108	442	298	597	1,087	19,532	14,362	499	553	452	345	16,211	35,743
6-10am	---	---	---	---	---	6,439	---	---	---	---	---	5,122	11,561
3-7pm	6,884	135	141	153	443	7,756	5,498	147	208	177	136	6,166	13,922
6am-7pm	---	---	---	---	---	20,573	---	---	---	---	---	17,266	37,839

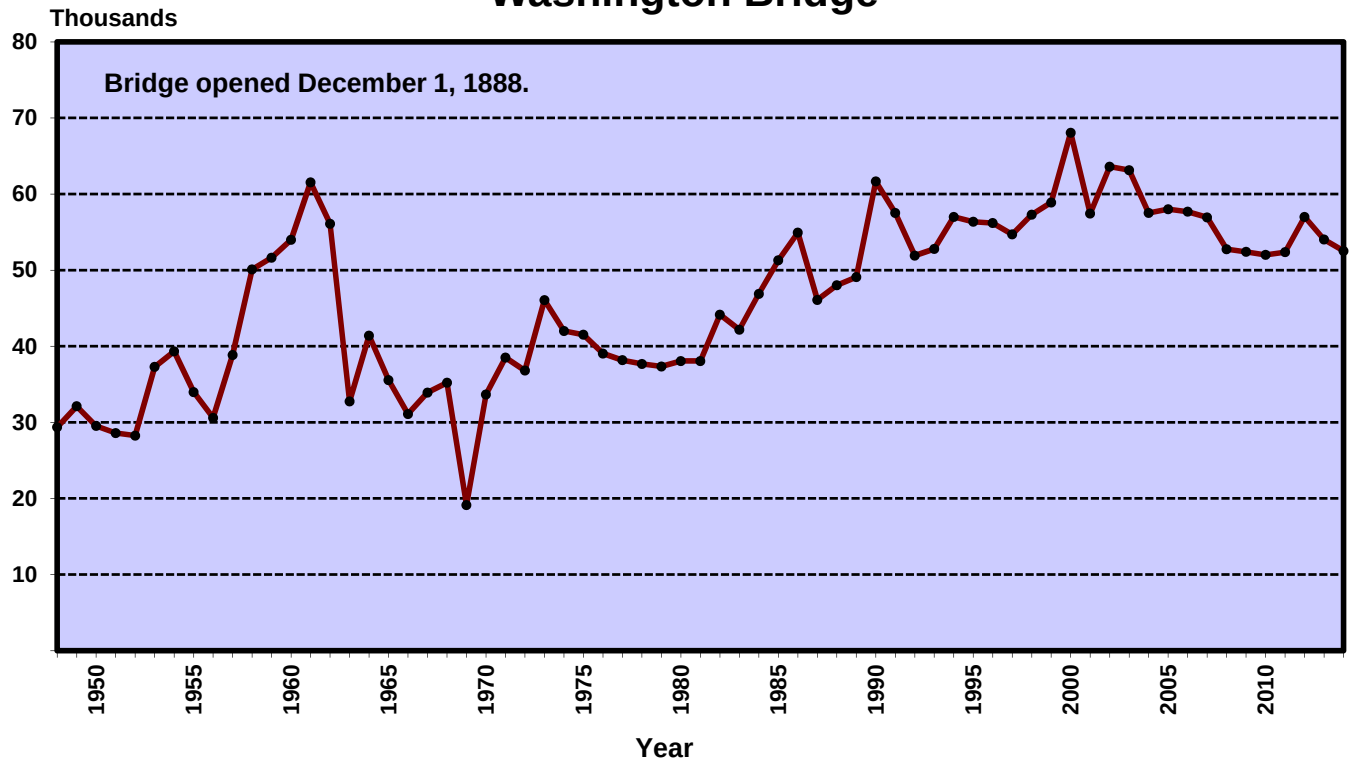
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Washington Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Washington Bridge



Hourly Vehicular Volumes

Willis Avenue Bridge - 2014

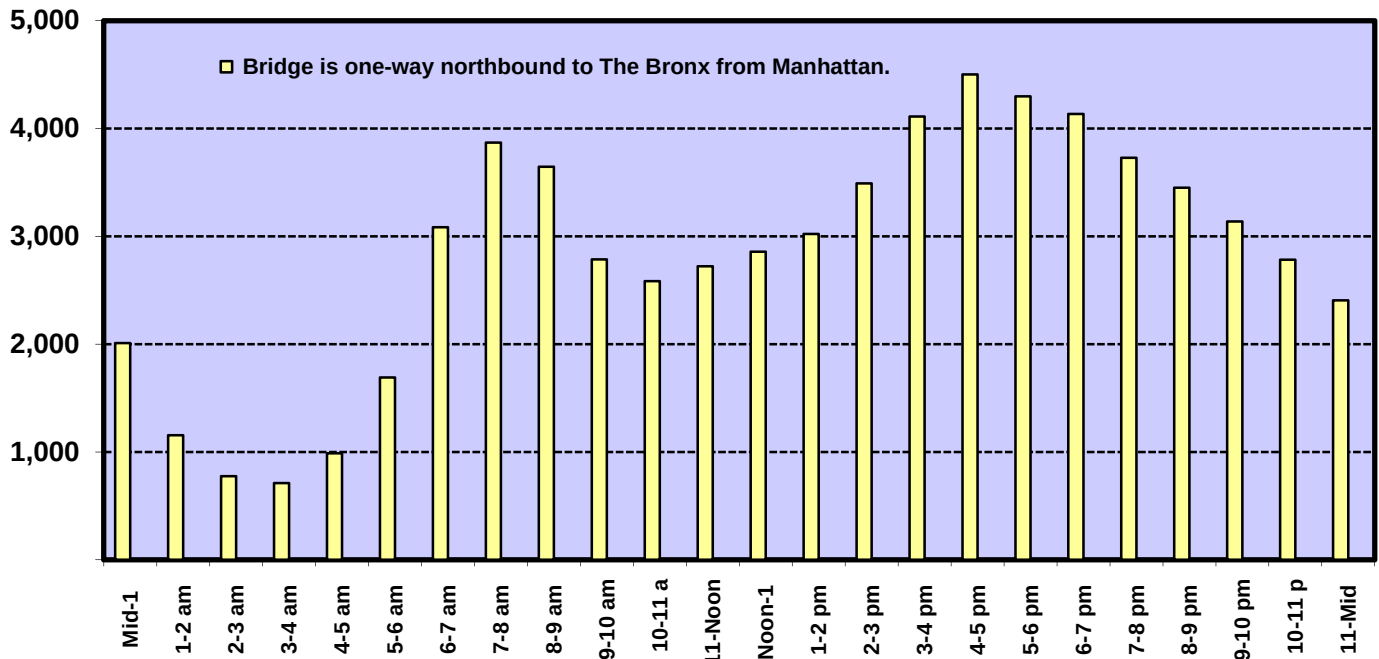
FHWA Classes ▲	Northbound to Bronx							Southbound to Manhattan							2-way Grand Totals
	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		
12-1am	1,779	115	71	3	32	10	2,010								2,010
1-2am							1,155								1,155
2-3am							775								775
3-4am							712								712
4-5am							987								987
5-6am	1,399	100	72	9	56	55	1,691								1,691
6-7am	2,701	86	114	30	96	58	3,085								3,085
7-8am	3,444	97	138	62	103	26	3,870								3,870
8-9am	2,982	116	178	213	123	34	3,646								3,646
9-10am	2,193	101	221	85	160	26	2,786								2,786
10-11am	1,941	107	275	42	190	29	2,584								2,584
11-12am	2,054	90	315	20	214	30	2,723								2,723
12-1pm	2,121	113	288	35	264	37	2,858								2,858
1-2pm	2,285	98	324	29	254	32	3,022								3,022
2-3pm	2,724	70	377	42	250	28	3,491								3,491
3-4pm	3,272	116	378	117	201	28	4,112								4,112
4-5pm	3,502	179	465	164	177	15	4,502								4,502
5-6pm	3,649	108	338	66	125	13	4,299								4,299
6-7pm	3,713	64	236	31	82	9	4,135								4,135
7-8pm	3,368	95	164	18	75	9	3,729								3,729
8-9pm	3,160	93	121	10	53	14	3,451								3,451
9-10pm	2,853	107	86	7	68	17	3,138								3,138
10-11pm	2,513	121	98	6	36	9	2,783								2,783
11-12pm	2,121	130	106	7	38	5	2,407								2,407
Totals	53,774	2,106	4,365	996	2,597	484	67,951								67,951
7-10am	8,619	314	537	360	386	86	10,302								10,302
10am-1pm	6,116	310	878	97	668	96	8,165								8,165
1-4pm	8,281	284	1,079	188	705	88	10,625								10,625
4-7pm	10,864	351	1,039	261	384	37	12,936								12,936
7am-7pm	33,880	1,259	3,533	906	2,143	307	42,028								42,028
6-10am	11,320	400	651	390	482	144	13,387								13,387
3-7pm	14,136	467	1,417	378	585	65	17,048								17,048
6am-7pm	36,581	1,345	3,647	936	2,239	365	45,113								45,113

Bridge is 1-way northbound from
Manhattan to Bronx.

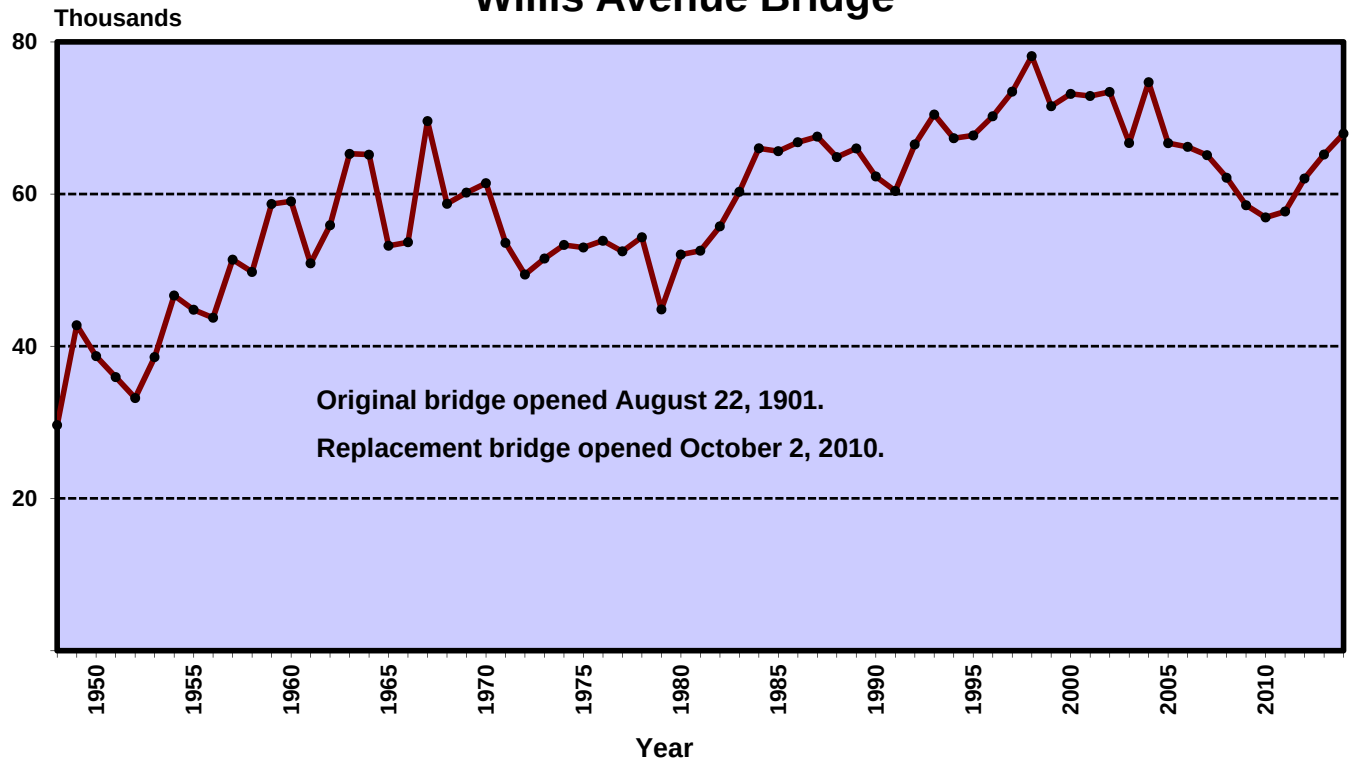
Based on October 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Willis Avenue Bridge ~ 2014



Average Daily Traffic Volumes Willis Avenue Bridge



Hourly Vehicular Volumes

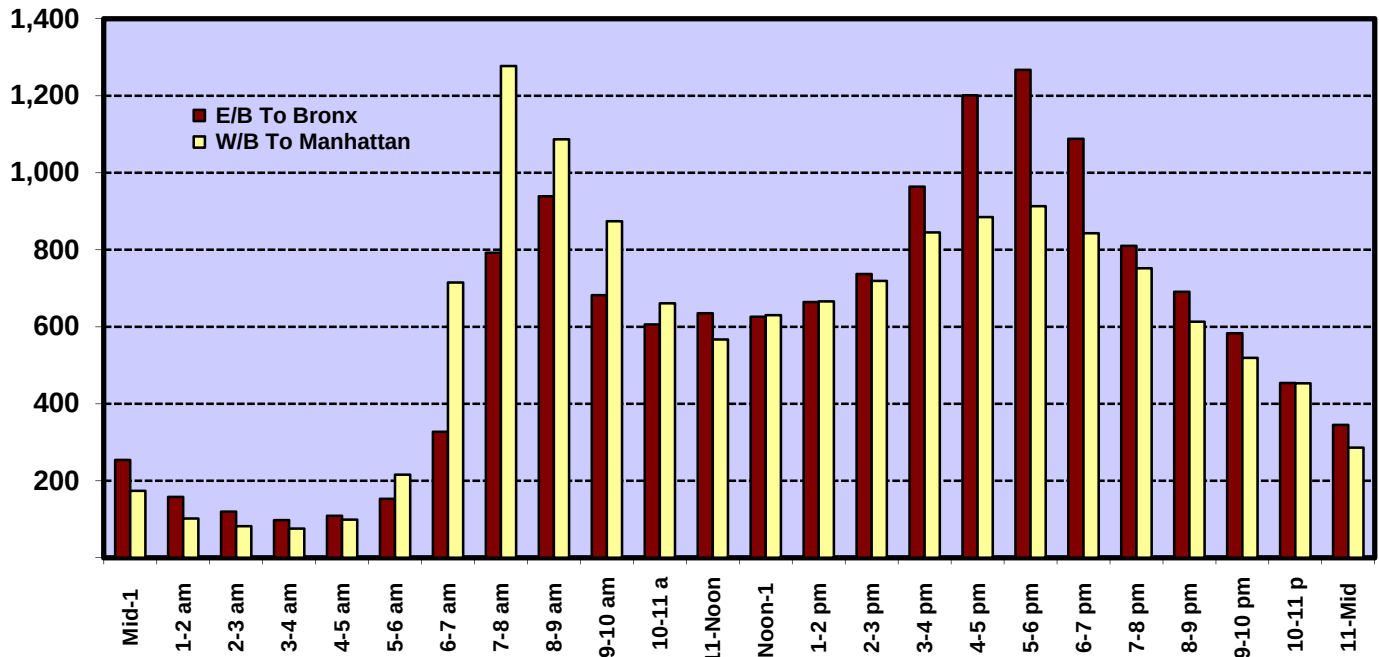
145th Street Bridge - 2014

FHWA Classes ▲	Eastbound to Bronx							Westbound to Manhattan							2-way Grand Totals
	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	Autos, Motorcycles SUVs, Family Vans	Taxis, Liveries, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		
12-1am	172	69	5	7	0	1	254	112	51	4	5	2	0	174	428
1-2am	67	78	7	4	1	1	158	53	46	1	1	1	0	102	260
2-3am	49	65	0	2	4	0	120	30	49	1	0	2	0	82	202
3-4am	43	46	1	1	4	3	98	33	34	4	3	1	1	76	174
4-5am	47	44	12	2	2	2	109	44	33	12	3	5	2	99	208
5-6am	93	44	6	3	7	0	153	143	44	8	8	11	2	216	369
6-7am	227	63	12	19	5	1	327	363	124	39	108	72	9	715	1,042
7-8am	567	163	28	22	11	1	792	785	262	93	67	47	23	1,277 **	2,069
8-9am	633	164	50	68	21	3	939	645	221	143	17	42	19	1,087	2,026
9-10am	389	208	34	19	28	4	682	535	179	85	17	52	6	874	1,556
10-11am	337	177	47	11	32	2	606	396	142	67	19	33	4	661	1,267
11-12am	372	152	62	13	30	6	635	340	136	53	10	21	7	567	1,202
12-1pm	341	146	75	12	45	7	626	408	112	75	14	14	7	630	1,256
1-2pm	401	129	66	15	51	2	664	416	127	58	21	40	4	666	1,330
2-3pm	440	167	64	13	50	3	737	502	108	41	40	24	4	719	1,456
3-4pm	608	190	69	61	35	1	964	656	103	43	35	6	2	845	1,809
4-5pm	721	197	120	121	37	5	1,201	746	84	26	22	5	2	885	2,086
5-6pm	882	249	69	33	33	1	1,267 **	715	148	24	11	14	1	913	2,180 **
6-7pm	914	81	50	13	27	3	1,088	640	164	17	8	13	1	843	1,931
7-8pm	669	82	38	11	9	1	810	625	93	19	8	5	2	752	1,562
8-9pm	602	38	28	11	12	0	691	499	88	12	6	5	3	613	1,304
9-10pm	377	182	16	6	2	0	583	391	99	14	8	6	1	519	1,102
10-11pm	291	137	13	8	5	0	454	335	394	10	7	6	1	453	907
11-12pm	230	92	11	6	6	0	345	224	50	6	2	1	3	286	631
Totals	9,472	2,963	883	481	457	47	14,303	9,636	2,591	855	440	428	104	14,054	28,357
7-10am	1,589	535	112	109	60	8	2,413	1,965	662	321	101	141	48	3,238	5,651
10am-1pm	1,050	475	184	36	107	15	1,867	1,144	390	195	43	68	18	1,858	3,725
1-4pm	1,449	486	199	89	136	6	2,365	1,574	338	142	96	70	10	2,230	4,595
4-7pm	2,517	527	239	167	97	9	3,556	2,101	396	67	41	32	4	2,641	6,197
7am-7pm	6,605	2,023	734	401	400	38	10,201	6,784	1,786	725	281	311	80	9,967	20,168
6-10am	1,816	598	124	128	65	9	2,740	2,328	786	360	209	213	57	3,953	6,693
3-7pm	3,125	717	308	228	132	10	4,520	2,757	499	110	76	38	6	3,486	8,006
6am-7pm	6,832	2,086	746	420	405	39	10,528	7,147	1,910	764	389	383	89	10,682	21,210

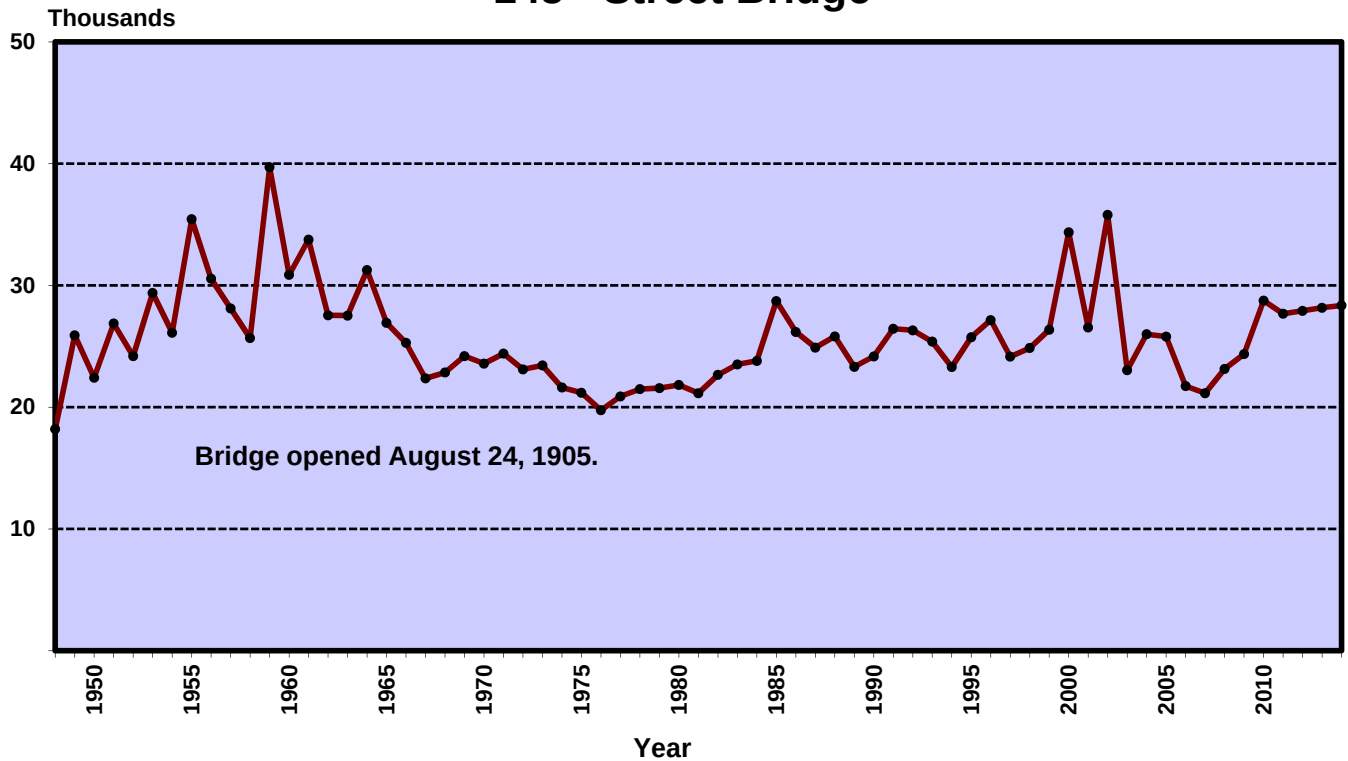
Based on October 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes 145th Street Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions 145th Street Bridge



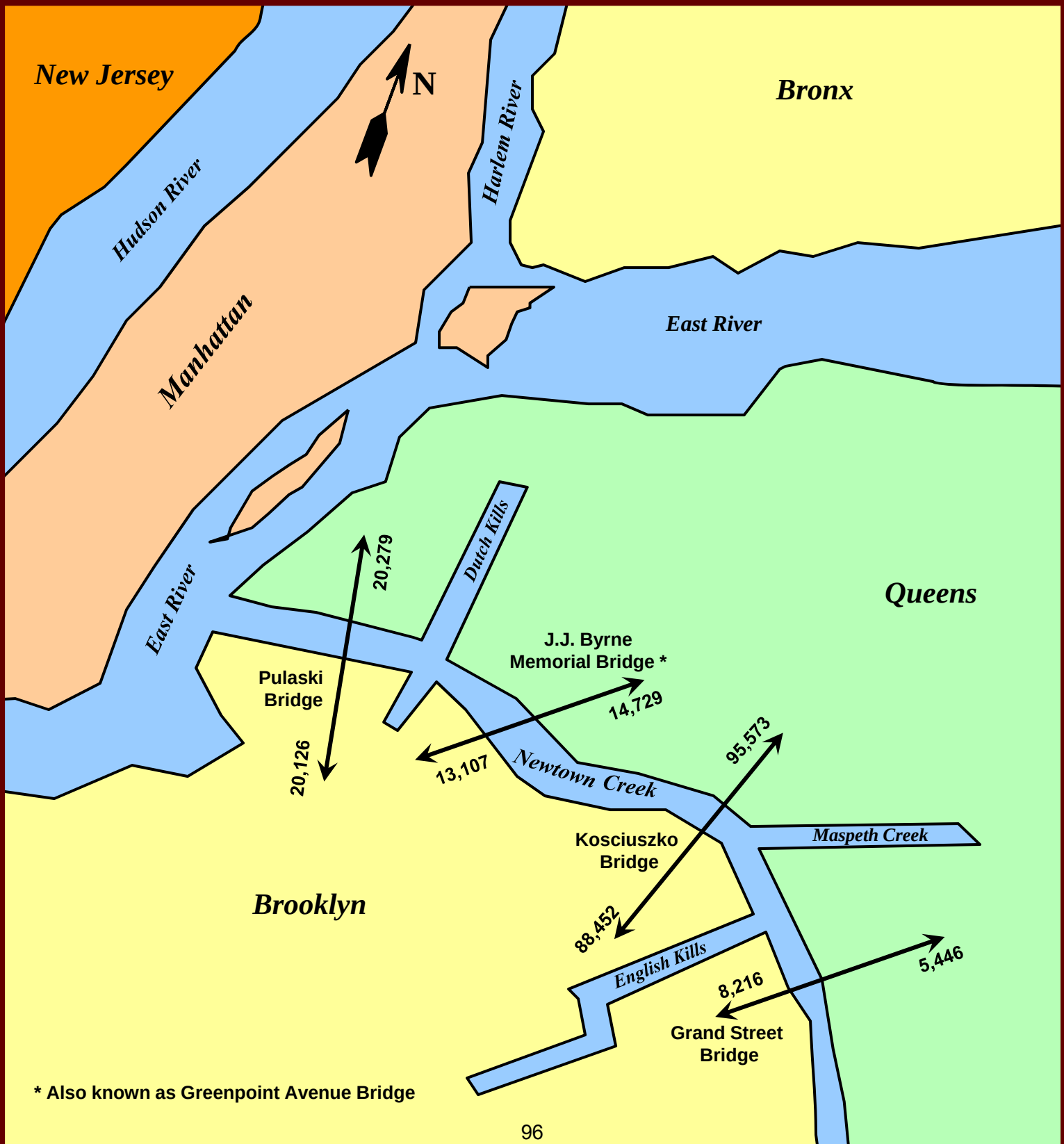
Brooklyn-Queens Bridges



Grand Street Bridge

Brooklyn-Queens Bridges

2014 Daily Volumes



Brooklyn - Queens Bridges ~ Average Daily Traffic Volumes

1948 - 2014

<i>Year</i>	<i>Grand Street Bridge</i>	<i>J.J. Byrne Memorial Bridge *</i>	<i>Kosciuszko Bridge</i>	<i>Pulaski Bridge</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	Closed	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
2008	13,031	26,926	181,783	37,019	258,759
2009	12,576	26,637	188,322	36,103	263,638
2010	12,662	26,716	190,753	36,981	267,112
2011	12,320	25,709	191,624	37,422	267,075
2012	12,595	26,379	196,217	36,867	272,058
2013	13,843	25,701	191,225	39,076	269,845
2014	13,662	27,836	184,025	40,405	265,928

* J.J. Byrne Memorial Bridge also known as Greenpoint Avenue Bridge.

Hourly Vehicular Volumes

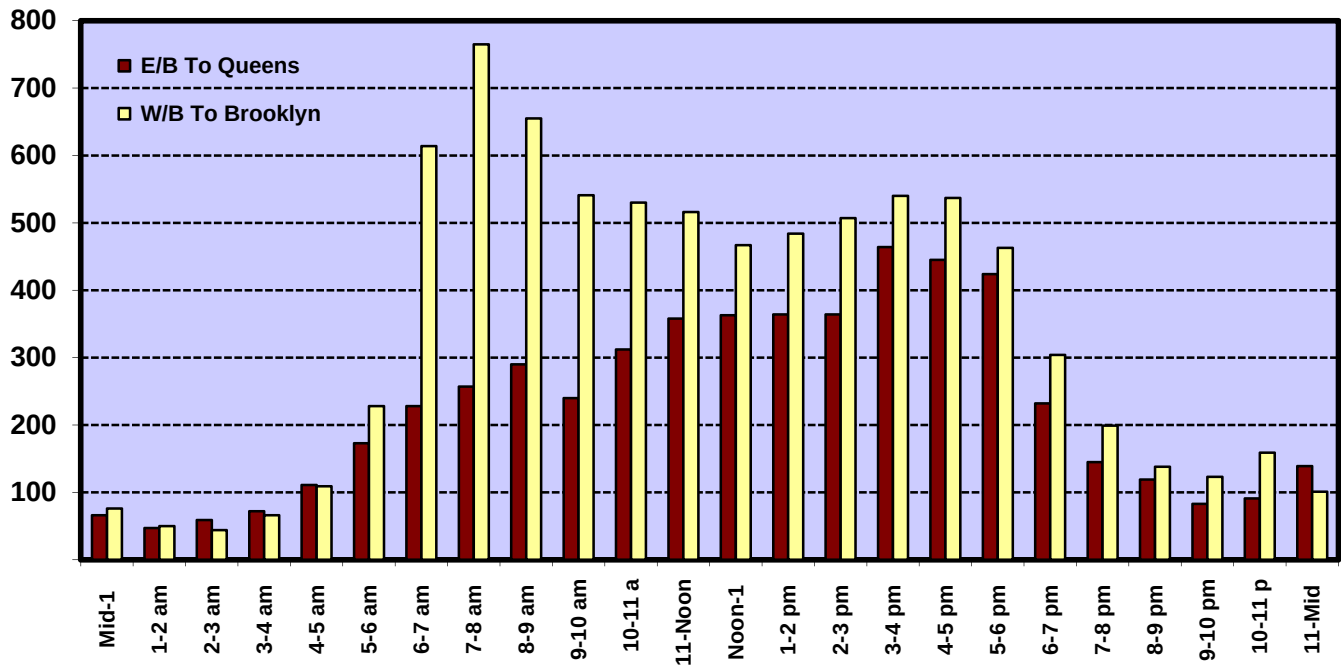
Grand Street Bridge - 2014

Eastbound to Queens							Westbound to Brooklyn							2-Way Totals
Autos	Buses	Commuter		Commercial		Totals	Autos	Buses	Commuter		Commercial		Totals	
			Vans	Trucks	Vans					Vans	Trucks	Vans		
12-1am	---	---	---	---	---	66	---	---	---	---	---	---	76	
1-2am	---	---	---	---	---	47	---	---	---	---	---	---	50	
2-3am	---	---	---	---	---	59	---	---	---	---	---	---	44	
3-4am	---	---	---	---	---	72	---	---	---	---	---	---	66	
4-5am	---	---	---	---	---	111	---	---	---	---	---	---	109	
5-6am	---	---	---	---	---	173	---	---	---	---	---	---	228	
6-7am	---	---	---	---	---	228	---	---	---	---	---	---	614	
7-8am	203	7	7	30	10	257	518	20	38	153	36	765	**	
8-9am	189	4	8	72	17	290	364	7	35	191	58	655		
9-10am	161	11	1	51	16	240	289	9	29	167	47	541		
10-11am	225	4	4	52	27	312	405	13	14	77	21	530		
11-12am	194	7	12	110	35	358	322	6	31	123	34	516		
12-1pm	304	9	3	37	10	363	378	11	15	50	13	467		
1-2pm	286	5	9	49	15	364	352	15	27	72	18	484		
2-3pm	227	9	10	88	30	364	268	5	35	158	41	507		
3-4pm	398	8	4	45	9	464	421	18	12	75	14	540		
4-5pm	358	12	12	46	17	445	395	10	27	82	23	537		
5-6pm	342	6	9	48	19	424	356	4	21	65	17	463		
6-7pm	184	3	5	31	9	232	253	6	14	27	4	304		
7-8pm	---	---	---	---	---	145	---	---	---	---	---	199		
8-9pm	---	---	---	---	---	119	---	---	---	---	---	138		
9-10pm	---	---	---	---	---	83	---	---	---	---	---	123		
10-11pm	---	---	---	---	---	91	---	---	---	---	---	159		
11-12pm	---	---	---	---	---	139	---	---	---	---	---	101		
Totals	---	---	---	---	---	5,446	---	---	---	---	---	8,216		
7-10am	553	22	16	153	43	787	1,171	36	102	511	141	1,961	2,748	
10am-1pm	723	20	19	199	72	1,033	1,105	30	60	250	68	1,513	2,546	
1-4pm	911	22	23	182	54	1,192	1,041	38	74	305	73	1,531	2,723	
4-7pm	884	21	26	125	45	1,101	1,004	20	62	174	44	1,304	2,405	
7am-7pm	3,071	85	84	659	214	4,113	4,321	124	298	1,240	326	6,309	10,422	
6-10am						1,015						2,575	3,590	
3-7pm	1,282	29	30	170	54	1,565	1,425	38	74	249	58	1,844	3,409	
6am-7pm						4,341						6,923	11,264	

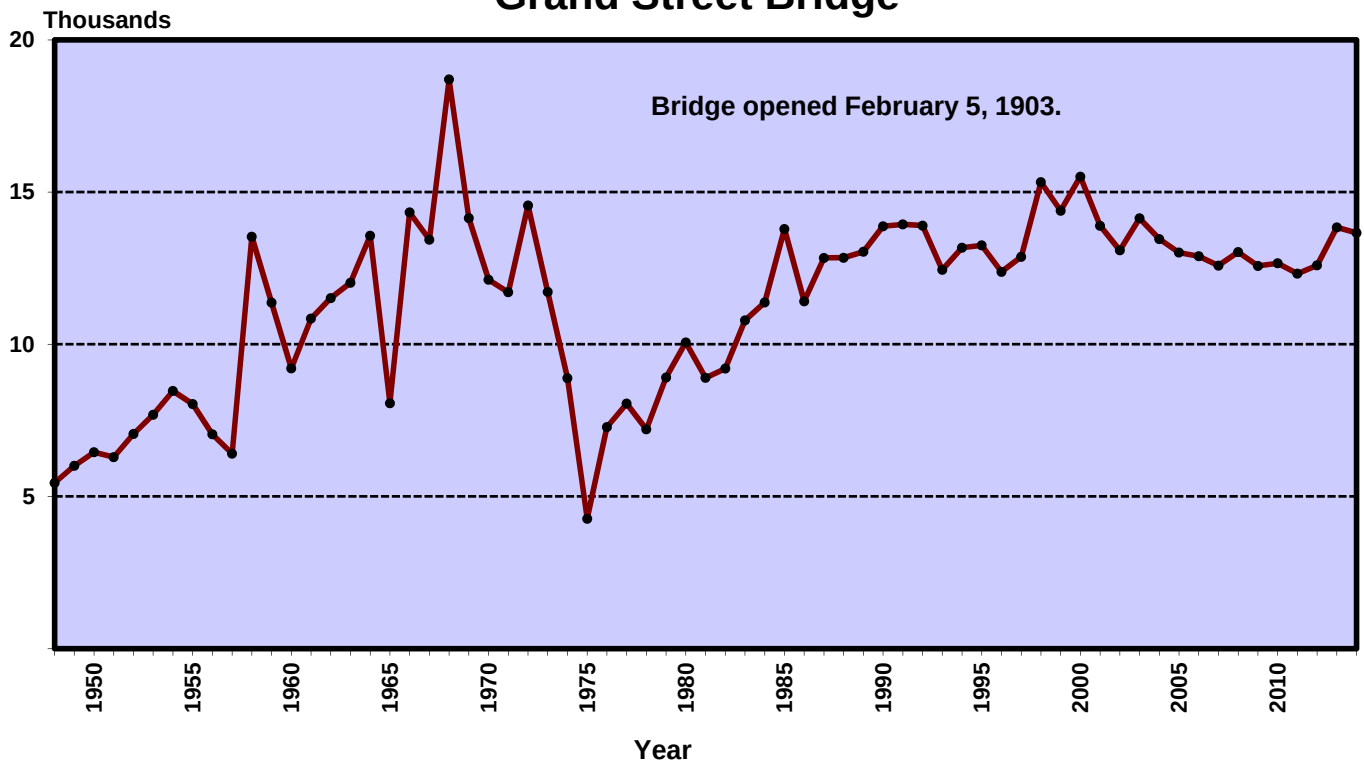
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Grand Street Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Grand Street Bridge



Hourly Vehicular Volumes

J. J. Byrne Memorial Bridge - 2014

(Greenpoint Avenue Bridge)

Eastbound to Queens

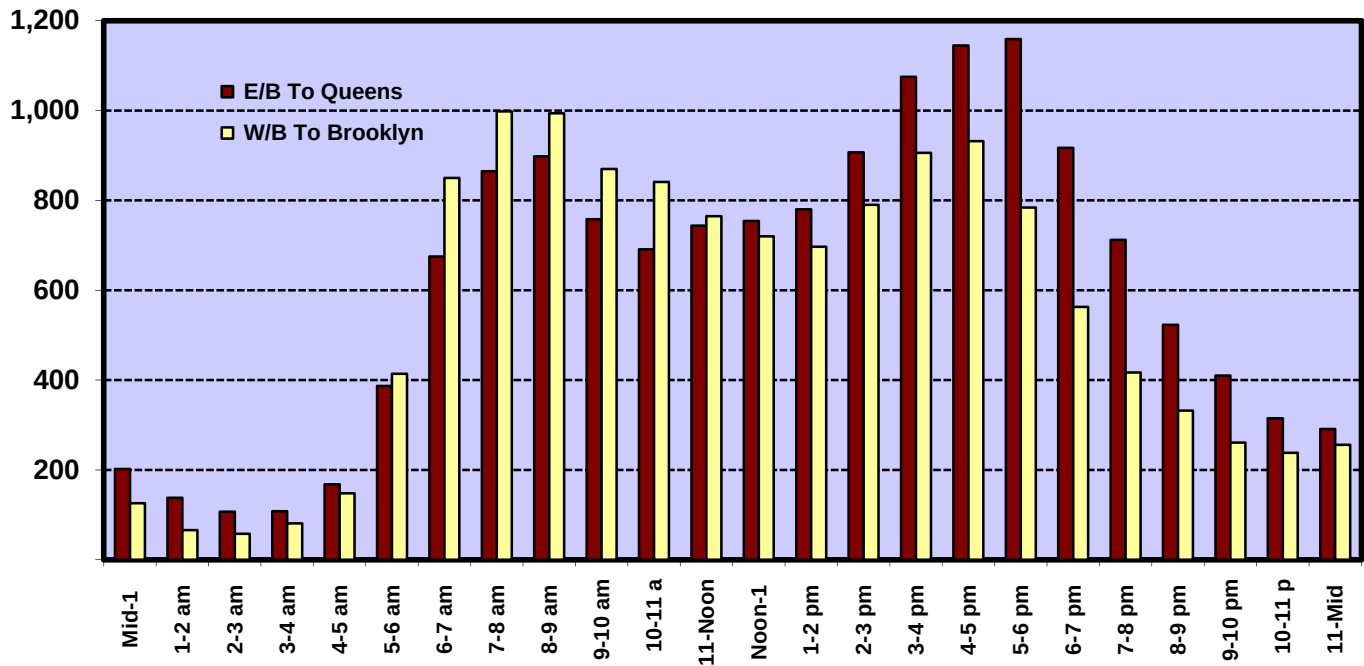
Westbound to Brooklyn

FHWA Classes ▶	Autos, Motorcycles					Commercial Vans, Panel Trucks,					Autos, Motorcycles					Commercial Vans, Panel Trucks,					2-way Grand Totals
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13	Multiple Unit Trucks	Single Unit Trucks	Buses	Total Vehicles	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13	Multiple Unit Trucks	Single Unit Trucks	Buses	Total Vehicles	
12-1am	126	41	14	2	14	5	5	14	2	202	98	7	5	1	8	7	7	8	1	126	328
1-2am	74	42	4	2	11	5	5	11	0	138	34	12	8	0	4	8	8	4	0	66	204
2-3am	46	31	9	1	12	8	8	12	1	107	25	5	11	1	9	7	7	9	1	58	165
3-4am	49	20	9	4	17	9	9	17	4	108	38	4	15	1	12	11	11	12	1	81	189
4-5am	70	18	23	0	39	18	18	39	2	168	74	5	30	2	20	17	17	20	2	148	316
5-6am	245	18	35	5	46	38	38	46	17	387	292	15	37	17	32	21	21	32	17	414	801
6-7am	454	20	73	11	77	40	40	77	103	675	626	8	103	18	85	10	10	85	18	850	1,525
7-8am	576	20	98	14	138	19	19	138	93	865	716	23	93	13	123	30	30	123	13	998	1,863
8-9am	562	24	131	24	143	14	14	143	165	898	635	50	165	22	105	17	17	105	22	994	1,892
9-10am	440	41	134	13	105	25	25	105	129	758	487	58	129	10	162	24	24	162	10	870	1,628
10-11am	382	36	120	9	117	27	27	117	118	691	520	58	118	8	119	18	18	119	8	841	1,532
11-12am	403	48	122	7	136	28	28	136	78	744	482	53	78	12	123	17	17	123	12	765	1,509
12-1pm	427	49	145	7	105	21	21	105	90	754	442	65	90	4	105	14	14	105	4	720	1,474
1-2pm	453	34	119	2	149	23	23	149	76	780	433	64	76	8	105	11	11	105	8	697	1,477
2-3pm	574	36	156	0	118	23	23	118	60	907	566	59	60	6	78	21	21	78	6	790	1,697
3-4pm	719	39	159	8	123	27	27	123	79	1,075	648	63	79	8	94	14	14	94	8	906	1,981
4-5pm	842	31	149	10	100	13	13	100	106	1,145	657	73	106	7	74	15	15	74	7	932	2,077
5-6pm	887	62	131	3	73	3	3	73	70	1,159	593	51	70	5	61	4	4	61	5	784	2,077
6-7pm	736	42	78	8	38	15	15	38	30	917	456	33	30	11	29	4	4	29	11	563	1,480
7-8pm	561	42	39	10	47	13	13	47	28	712	339	28	28	4	11	7	7	11	4	417	1,129
8-9pm	413	41	37	4	17	11	11	17	30	523	273	11	30	3	8	7	7	8	3	332	855
9-10pm	315	47	12	4	17	15	15	17	17	410	212	12	17	5	11	4	4	11	5	261	671
10-11pm	233	36	17	6	17	6	6	17	14	315	198	8	14	5	8	5	5	8	5	238	553
11-12pm	202	40	19	5	17	8	8	17	17	291	189	12	17	3	26	9	9	26	3	256	547
Totals	9,789	858	1,833	159	1,676	414	414	1,676	1,409	14,729	9,033	777	1,409	174	1,412	302	302	1,412	174	13,107	27,836
7-10am	1,578	85	363	51	386	58	58	386	387	2,521	1,838	131	387	45	390	71	71	390	45	2,862	5,383
10am-1pm	1,212	133	387	23	358	76	76	358	286	2,189	1,444	176	286	24	347	49	49	347	24	2,326	4,515
1-4pm	1,746	109	434	10	390	73	73	390	215	2,762	1,647	186	215	22	277	46	46	277	22	2,393	5,155
4-7pm	2,465	135	358	21	211	31	31	211	206	3,221	1,706	157	206	23	164	23	23	164	23	2,279	5,500
7am-7pm	7,001	462	1,542	105	1,345	238	238	1,345	1,094	10,693	6,635	650	1,094	114	1,178	189	189	1,178	114	9,860	20,553
6-10am	2,032	105	436	62	463	98	98	463	490	3,196	2,464	139	490	63	475	81	81	475	63	3,712	6,908
3-7pm	3,184	174	517	29	334	58	58	334	285	4,296	2,354	220	285	31	258	37	37	258	31	3,185	7,481
6am-7pm	7,455	482	1,615	116	1,422	278	278	1,422	1,197	11,368	7,261	658	1,197	132	1,263	199	199	1,263	132	10,710	22,078

Based on October 2014 Classification Survey Data.

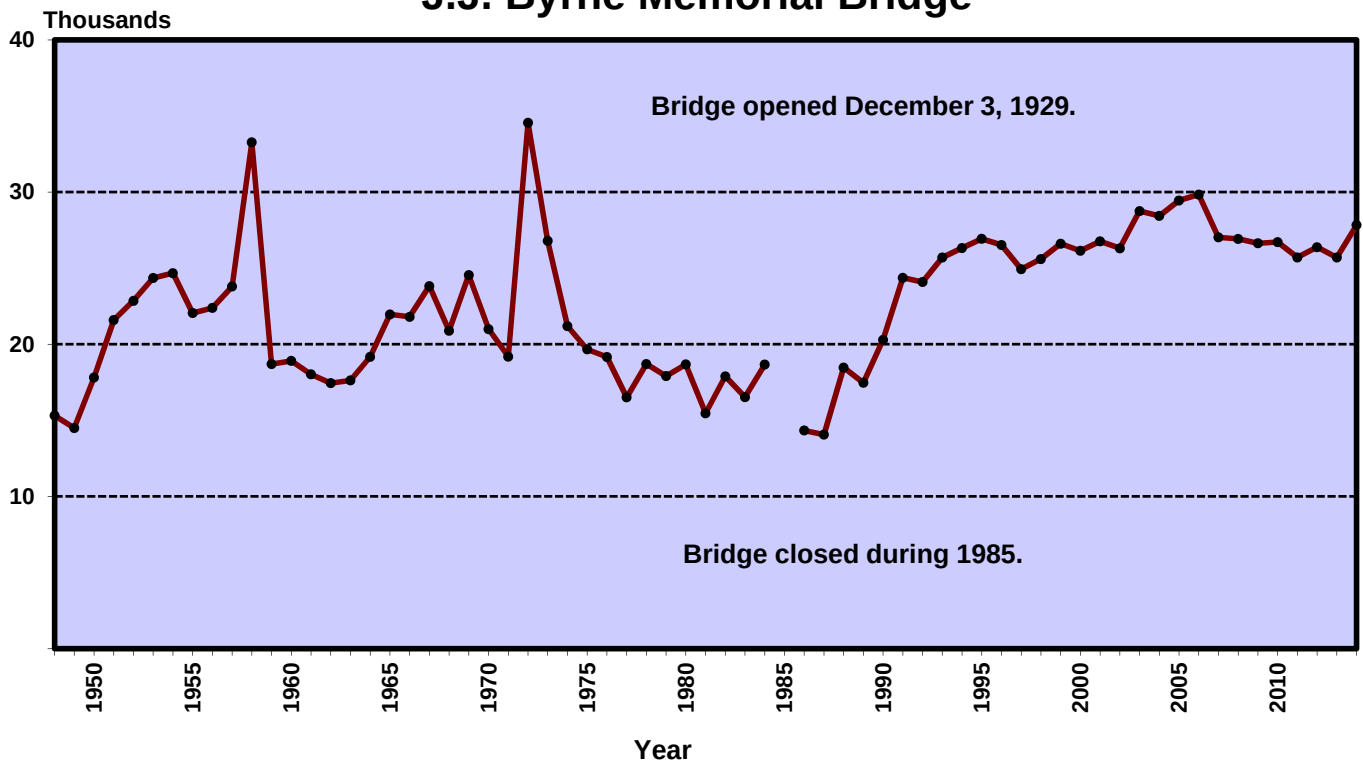
** Peak Volumes

Hourly Vehicular Volumes J.J. Byrne Memorial Bridge ~ 2014



Note: J.J. Byrne Memorial Bridge is also known as Greenpoint Avenue Bridge.

Average Daily Traffic Volumes ~ Total of Both Directions J.J. Byrne Memorial Bridge



Hourly Vehicular Volumes

Kosciuszko Bridge - 2014

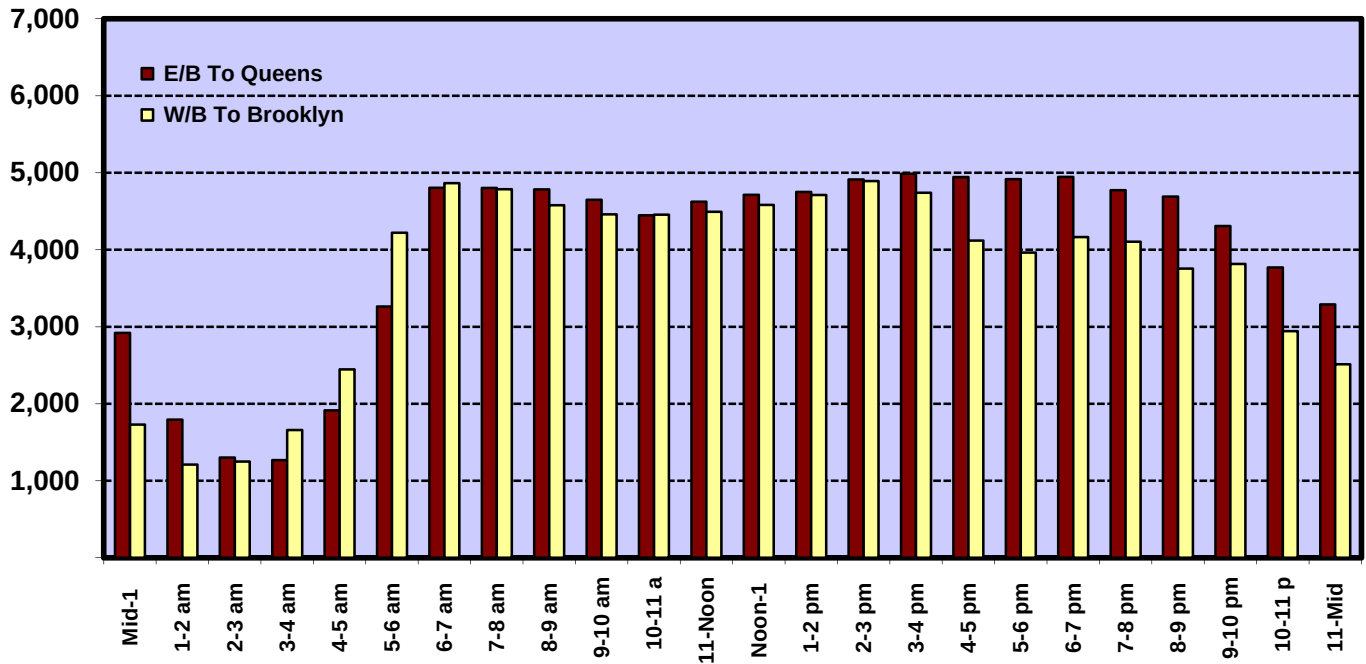
Eastbound to Queens

FHWA Classes	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles										Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles									
	Autos, SUVs, Family Vans	Taxis, Liveries, Limos	2	2 & 3	4	5 - 7	Multiple Unit Trucks	Total Vehicles	Autos, SUVs, Family Vans	Taxis, Liveries, Limos	2	2 & 3	4	5 - 7	Multiple Unit Trucks	Total Vehicles				
12-1am	2,179	422		142	11	51	114	2,919	1,255	251		54	7	66	96	1,729				
1-2am	1,233	277		80	2	97	104	1,793	777	202		66	0	77	89	1,211				
2-3am	747	193		60	0	122	180	1,302	707	181		74	7	104	176	1,249				
3-4am	724	138		70	6	117	214	1,269	1,030	192		106	0	157	173	1,658				
4-5am	1,092	150		118	8	213	333	1,914	1,640	267		179	6	207	148	2,447				
5-6am	2,171	207		223	16	237	408	3,262	2,621	262		891	16	295	136	4,221				
6-7am	3,340	275		424	64	413	289	4,805	3,254	188		610	48	580	185	4,865				
7-8am	3,526	168		463	42	377	226	4,802	3,439	94		689	24	397	142	4,785				
8-9am	3,329	185		591	58	422	198	4,783	3,176	89		712	18	419	163	4,577				
9-10am	2,881	225		657	34	525	327	4,649	2,889	87		609	33	563	279	4,460				
10-11am	2,622	245		667	59	557	298	4,448	3,095	102		584	36	455	183	4,455				
11-12am	2,824	257		698	31	541	273	4,624	3,035	118		591	29	473	247	4,493				
12-1pm	3,037	228		674	26	520	228	4,713	3,122	130		578	40	494	218	4,582				
1-2pm	3,023	212		788	25	459	244	4,751	3,252	108		578	45	563	165	4,711				
2-3pm	3,187	228		811	26	497	164	4,913	3,688	136		446	29	504	88	4,891				
3-4pm	3,369	205		920	33	372	89	4,988	3,567	126		481	49	420	97	4,740				
4-5pm	3,570	163		846	12	264	89	4,944	3,317	110		349	28	250	64	4,118				
5-6pm	3,810	134		661	28	206	78	4,917	3,375	127		214	10	202	36	3,964				
6-7pm	3,951	192		500	26	214	63	4,946	3,639	157		158	18	147	46	4,165				
7-8pm	3,920	195		381	20	178	79	4,773	3,591	174		169	22	123	25	4,104				
8-9pm	3,912	232		304	40	112	91	4,691	3,317	164		115	13	111	36	3,756				
9-10pm	3,608	303		215	18	88	76	4,308	3,303	219		86	46	102	60	3,816				
10-11pm	3,171	259		176	9	67	87	3,769	2,310	339		123	9	76	86	2,943				
11-12pm	2,742	257		133	9	55	94	3,290	1,832	457		87	8	35	93	2,512				
Totals	67,968	5,350		10,602	603	6,704	4,346	95,573	65,231	4,280		8,549	541	6,820	3,031	88,452				
7-10am	9,736	578		1,711	134	1,324	751	14,234	9,504	270		2,010	75	1,379	584	13,822				
10am-1pm	8,483	730		2,039	116	1,618	799	13,785	9,252	350		1,753	105	1,422	648	13,530				
1-4pm	9,579	645		2,519	84	1,328	497	14,652	10,507	370		1,505	123	1,487	350	14,342				
4-7pm	11,331	489		2,007	66	684	230	14,807	10,331	394		721	56	599	146	12,247				
7am-7pm	39,129	2,442		8,276	400	4,954	2,277	57,478	39,594	1,384		5,989	359	4,887	1,728	53,941				
6-10am	13,076	853		2,135	198	1,737	1,040	19,039	12,758	458		2,620	123	1,959	769	18,687				
3-7pm	14,700	694		2,927	99	1,056	319	19,795	13,898	520		1,202	105	1,019	243	16,987				
6am-7pm	42,469	2,717		8,700	464	5,367	2,566	62,283	42,848	1,572		6,599	407	5,467	1,913	58,806				

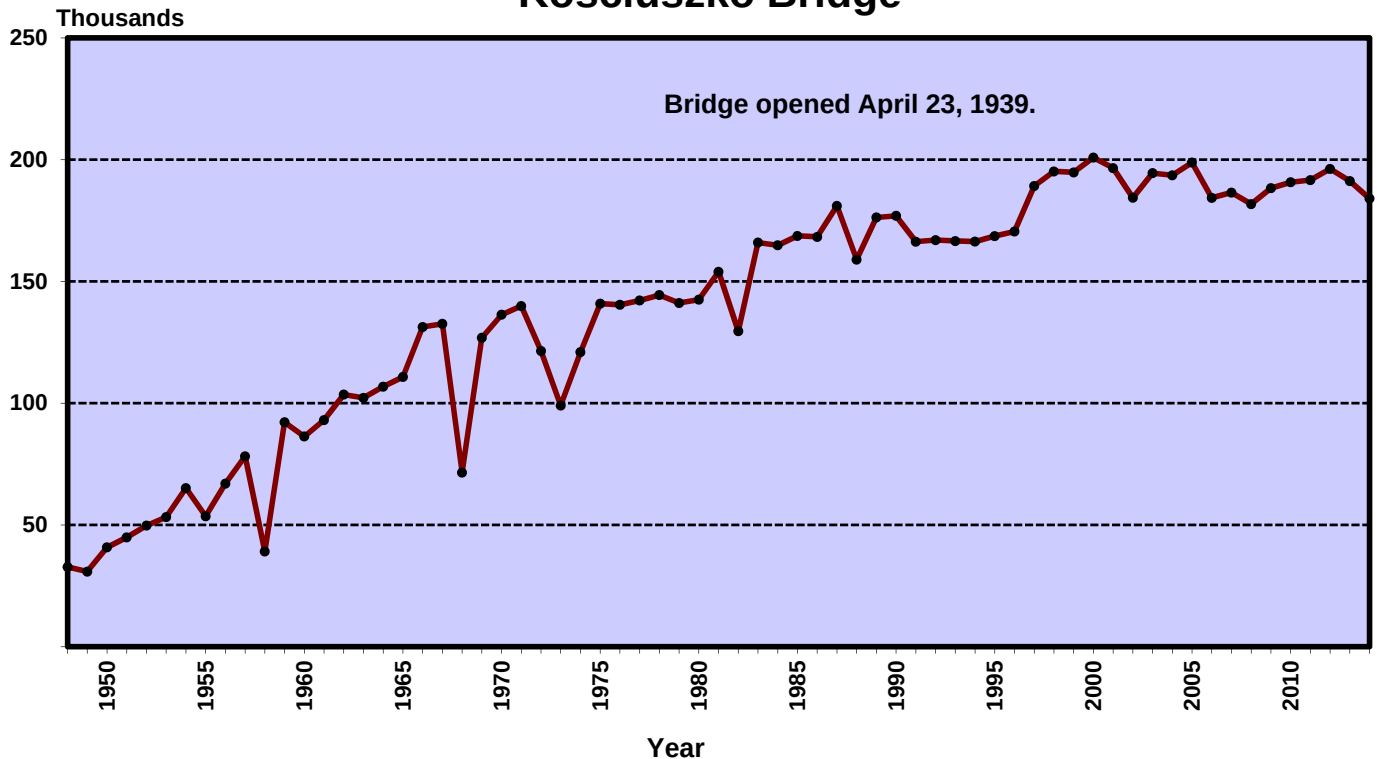
Based on November 2014 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Kosciuszko Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Kosciuszko Bridge



Hourly Vehicular Volumes

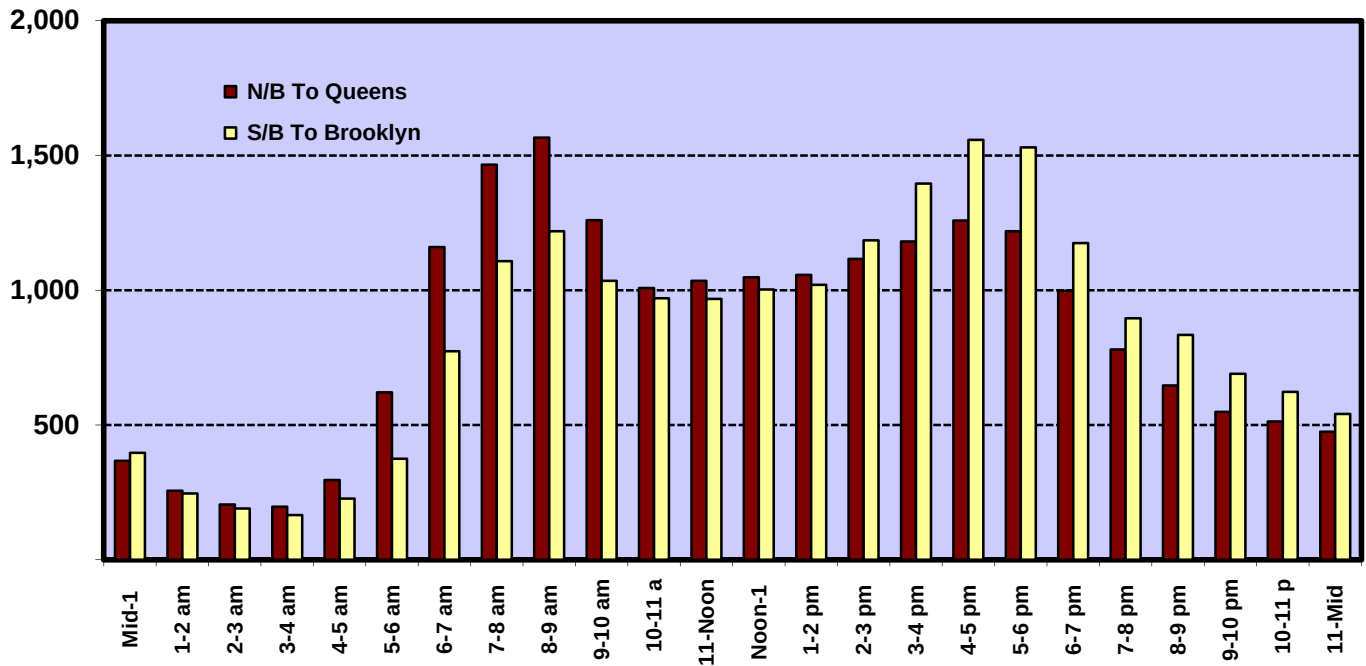
Pulaski Bridge - 2014

FHWA Classes ▶	Northbound to Queens							Southbound to Brooklyn							2-way Grand Totals
	Autos, SUVs, Family Vans	Taxis, Liveryes, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	Autos, SUVs, Family Vans	Taxis, Liveryes, Limos	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		
12-1am	228	116	7	4	12	0	367	233	143	9	4	7	1	397	764
1-2am	100	135	3	3	15	0	256	119	106	3	2	11	5	246	502
2-3am	80	105	11	4	3	2	205	90	83	5	1	9	2	190	395
3-4am	90	86	11	1	9	0	197	84	62	7	2	8	3	166	363
4-5am	176	88	8	4	19	1	296	134	52	12	6	15	8	227	523
5-6am	487	71	22	8	26	7	621	267	55	23	7	19	4	375	996
6-7am	939	46	74	47	37	17	1,160	592	58	41	22	50	11	774	1,934
7-8am	1,132	46	181	25	68	14	1,466	802	61	116	28	83	18	1,108	2,574
8-9am	1,179	59	188	13	111	16	1,566	876	45	140	55	93	10	1,219	2,785
9-10am	850	56	239	20	90	5	1,260	738	48	132	38	67	12	1,035	2,295
10-11am	650	61	160	30	97	10	1,008	680	53	116	25	77	19	970	1,978
11-12am	695	51	184	12	79	14	1,035	666	49	115	24	101	13	968	2,003
12-1pm	704	45	177	13	104	5	1,048	716	36	120	22	84	25	1,003	2,051
1-2pm	707	30	170	33	106	11	1,057	727	34	120	32	94	13	1,020	2,077
2-3pm	802	40	127	26	111	10	1,116	830	36	174	25	98	22	1,185	2,301
3-4pm	828	67	133	25	122	6	1,181	1,083	53	120	42	91	7	1,396	2,577
4-5pm	956	106	103	16	69	9	1,259	1,219	83	125	44	68	19	1,558	2,817
5-6pm	987	92	78	13	40	9	1,219	1,205	89	146	25	45	20	1,530	2,749
6-7pm	832	57	58	8	32	11	988	954	103	59	14	31	14	1,175	2,173
7-8pm	650	47	37	12	34	0	780	719	81	30	10	48	8	896	1,676
8-9pm	524	71	18	9	23	2	647	649	110	37	11	18	9	834	1,481
9-10pm	438	63	16	7	21	4	549	532	118	17	7	12	4	690	1,239
10-11pm	398	65	15	6	27	2	513	447	130	22	4	12	8	623	1,136
11-12pm	365	71	11	8	17	3	475	377	133	3	5	15	8	541	1,016
Totals	14,797	1,674	2,031	347	1,272	158	20,279	14,739	1,821	1,692	455	1,156	263	20,126	40,405
7-10am	3,161	161	608	58	269	35	4,292	2,416	154	388	121	243	40	3,362	7,654
10am-1pm	2,049	157	521	55	280	29	3,091	2,062	138	351	71	262	57	2,941	6,032
1-4pm	2,337	137	430	84	339	27	3,354	2,640	123	414	99	283	42	3,601	6,955
4-7pm	2,775	255	239	37	141	29	3,476	3,378	275	330	83	144	53	4,263	7,739
7am-7pm	10,322	710	1,798	234	1,029	120	14,213	10,496	690	1,483	374	932	192	14,167	28,380
6-10am	4,100	207	682	105	306	52	5,452	3,008	212	429	143	293	51	4,136	9,588
3-7pm	3,603	322	372	62	263	35	4,657	4,461	328	450	125	235	60	5,659	10,316
6am-7pm	11,261	756	1,872	281	1,066	137	15,373	11,088	748	1,524	396	982	203	14,941	30,314

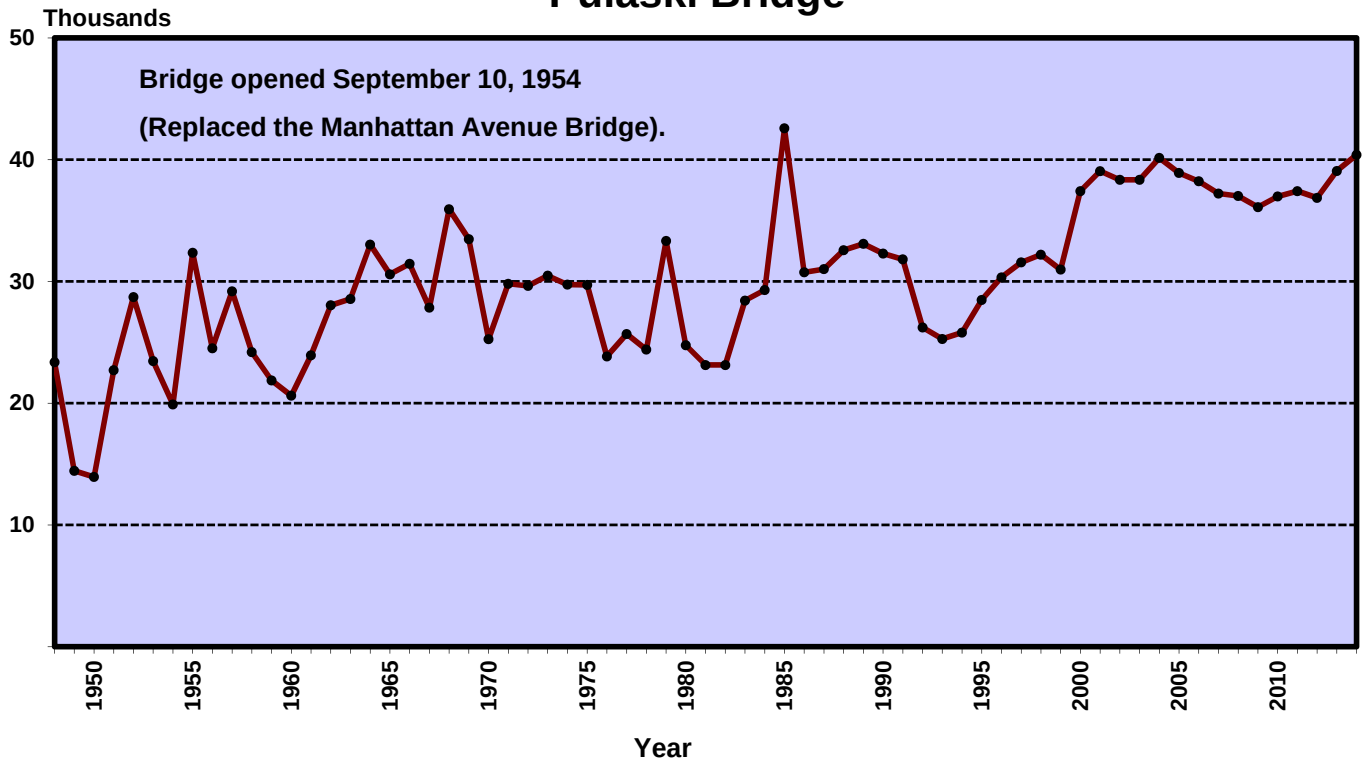
Based on December 2013 Classification Survey Data.

** Peak Volumes

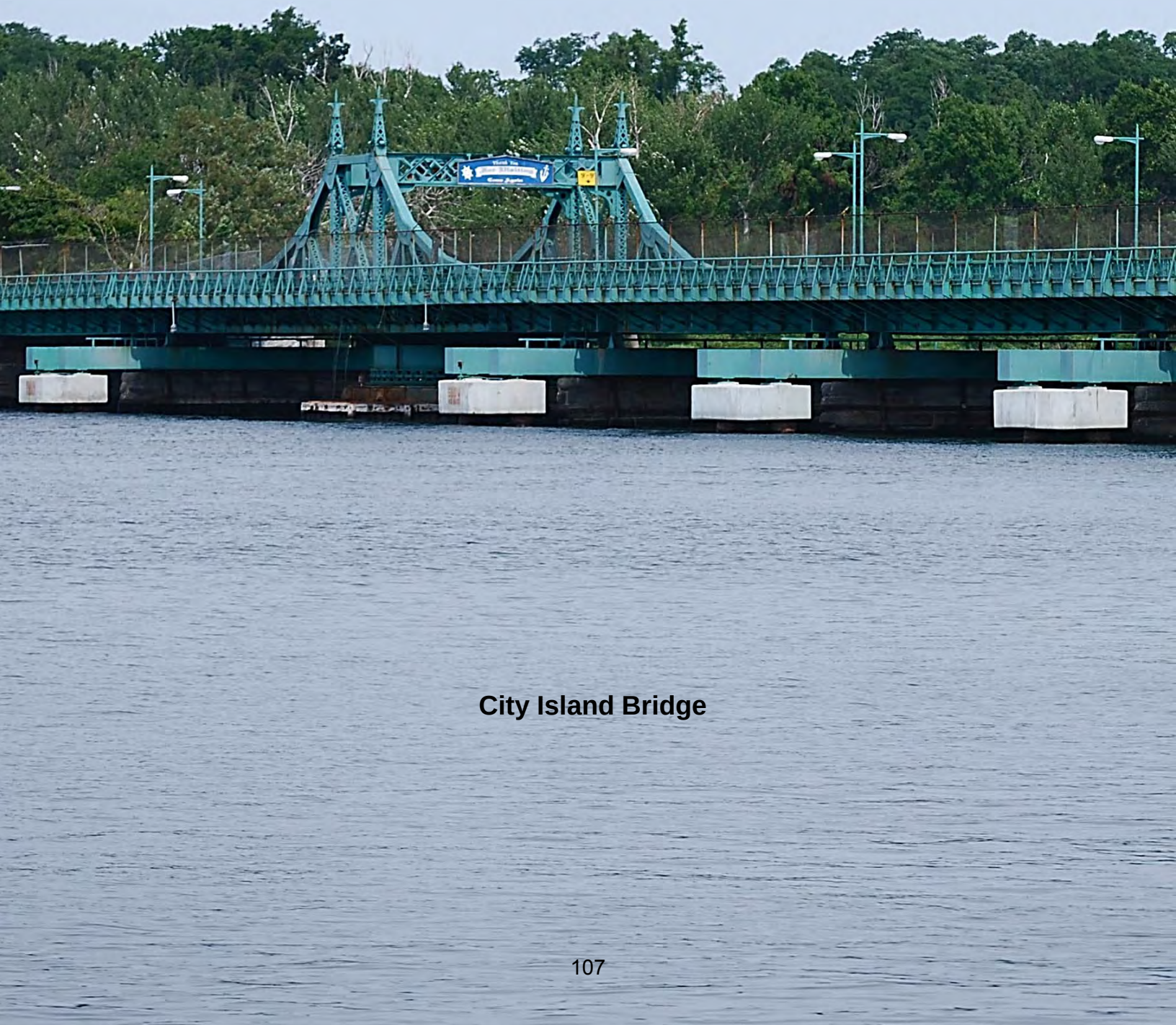
Hourly Vehicular Volumes Pulaski Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Pulaski Bridge



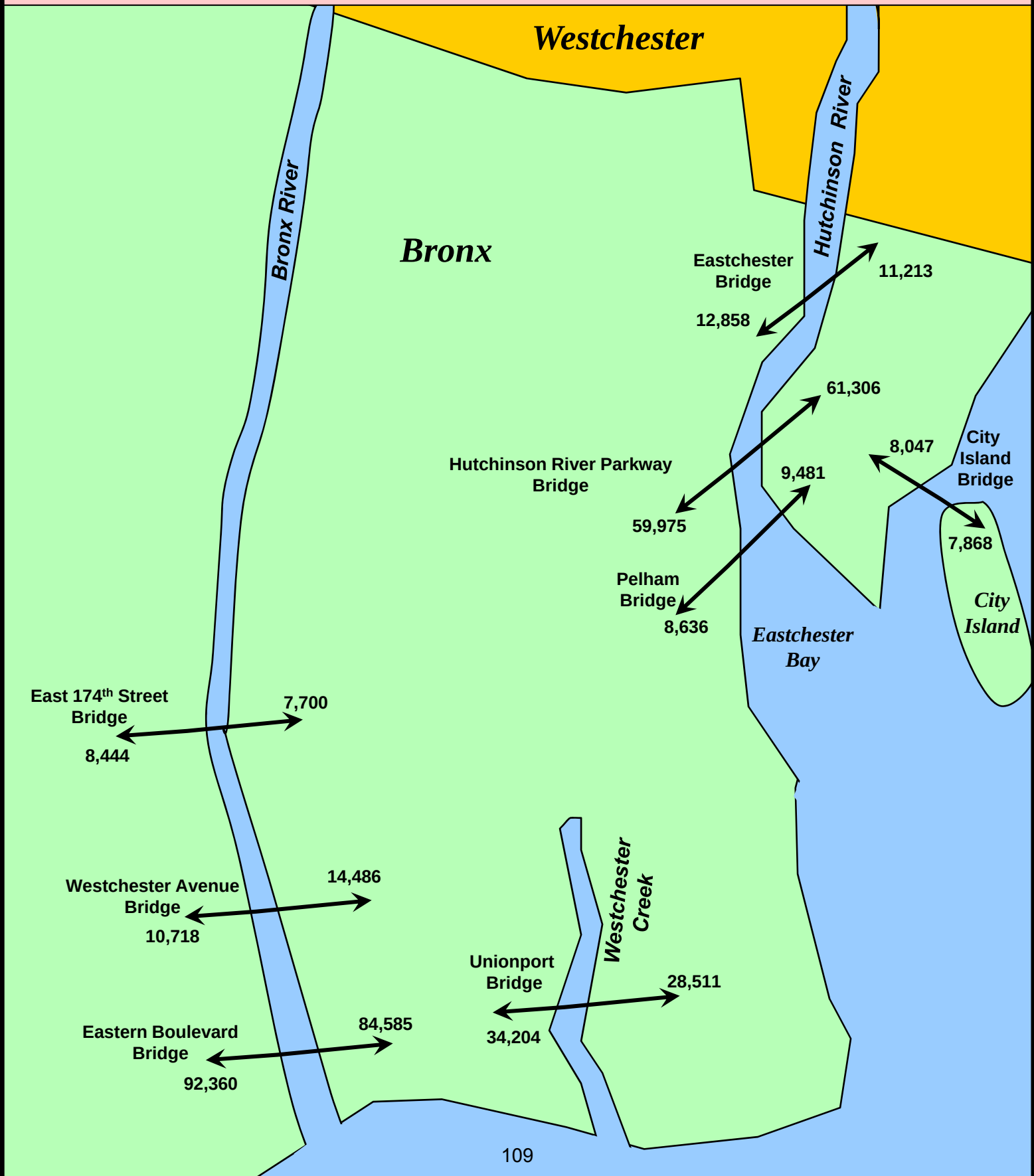
Bronx Bridges



City Island Bridge

Bronx Bridges

2014 Daily Volumes



Bronx Bridges
Average Daily Traffic Volumes
1948 - 2014

<i>Year</i>	<i>City Island</i>	<i>East 174th Street</i>	<i>Eastchester</i>	<i>Eastern Boulevard</i>	<i>Hutchinson River Pky</i>
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	Closed	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
2008	15,955	14,158	20,842	174,597	121,499
2009	14,313	14,130	20,329	176,800	119,285
2010	15,380	16,499	25,374	174,168	122,416
2011	14,480	15,940	21,292	175,020	115,574
2012	16,424	15,534	21,483	168,451	118,000
2013	16,431	15,273	21,393	175,436	120,999
2014	15,915	16,144	24,071	176,945	121,281

Bronx Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2014

<i>Year</i>	<i>Pelham</i>	<i>Unionport</i>	<i>Westchester Avenue</i>	<i>Totals</i>
1948	5,084	37,359	10,900	141,247
1949	5,252	30,278	13,763	135,682
1950	5,872	32,969	14,401	150,973
1951	4,357	30,100	12,962	145,227
1952	4,511	40,854	14,570	183,453
1953	4,331	38,468	14,716	177,999
1954	5,998	28,890	15,106	183,057
1955	4,122	45,292	13,131	180,249
1956	6,908	47,992	13,884	197,809
1957	6,824	45,010	11,004	184,031
1958	5,599	69,044	9,547	196,948
1959	5,731	62,198	13,547	188,531
1960	6,844	59,433	14,493	205,757
1961	9,857	107,115	10,820	259,905
1962	6,410	104,820	11,350	263,020
1963	9,780	113,680	24,010	291,240
1964	11,010	134,200	19,580	328,190
1965	13,345	139,724	22,218	351,358
1966	10,064	149,176	23,417	354,029
1967	11,025	149,032	26,768	337,982
1968	15,521	177,024	31,690	389,519
1969	11,624	168,297	22,213	378,854
1970	11,320	146,748	23,067	366,604
1971	13,098	135,254	20,855	391,040
1972	16,440	70,659	22,291	345,542
1973	10,852	30,459	29,185	272,116
1974	12,963	33,528	22,386	282,009
1975	12,992	34,648	20,323	284,772
1976	13,284	29,903	23,448	280,315
1977	12,177	33,289	21,422	268,480
1978	14,866	36,515	20,762	301,248
1979	12,978	34,574	20,640	277,666
1980	16,327	28,702	22,228	284,383
1981	13,210	34,492	21,298	287,933
1982	Closed	37,935	22,693	291,600
1983	10,740	38,676	22,693	301,686
1984	14,862	41,548	Closed	306,019
1985	12,603	42,915	26,239	311,072
1986	15,753	45,382	24,856	356,257
1987	14,498	45,450	22,624	362,490
1988	15,144	41,573	25,186	364,570
1989	15,644	43,696	29,445	354,927
1990	18,728	38,541	27,140	343,574
1991	20,917	37,842	30,548	338,921
1992	23,895	40,348	29,462	343,744
1993	20,235	40,385	20,893	336,776
1994	23,960	41,910	21,540	340,515
1995	23,598	39,811	21,757	348,009
1996	24,807	47,953	24,117	361,505
1997	22,963	47,941	25,741	362,846
1998	23,264	48,975	25,863	392,771
1999	21,430	50,563	31,214	403,934
2000	23,007	49,006	29,922	424,946
2001	22,694	52,418	31,584	439,239
2002	15,663	51,347	29,551	437,363
2003	18,023	60,993	28,201	448,186
2004	18,292	60,908	26,861	453,006
2005	17,972	60,605	27,195	459,149
2006	16,749	61,262	24,921	456,001
2007	19,041	59,906	25,846	453,636
2008	19,131	62,342	25,789	454,313
2009	17,521	61,700	25,131	449,209
2010	17,159	64,098	25,978	461,072
2011	16,966	61,619	26,287	447,178
2012	17,668	62,845	27,408	447,813
2013	18,330	61,892	26,976	456,730
2014	18,117	62,715	25,204	460,392

Hourly Vehicular Volumes

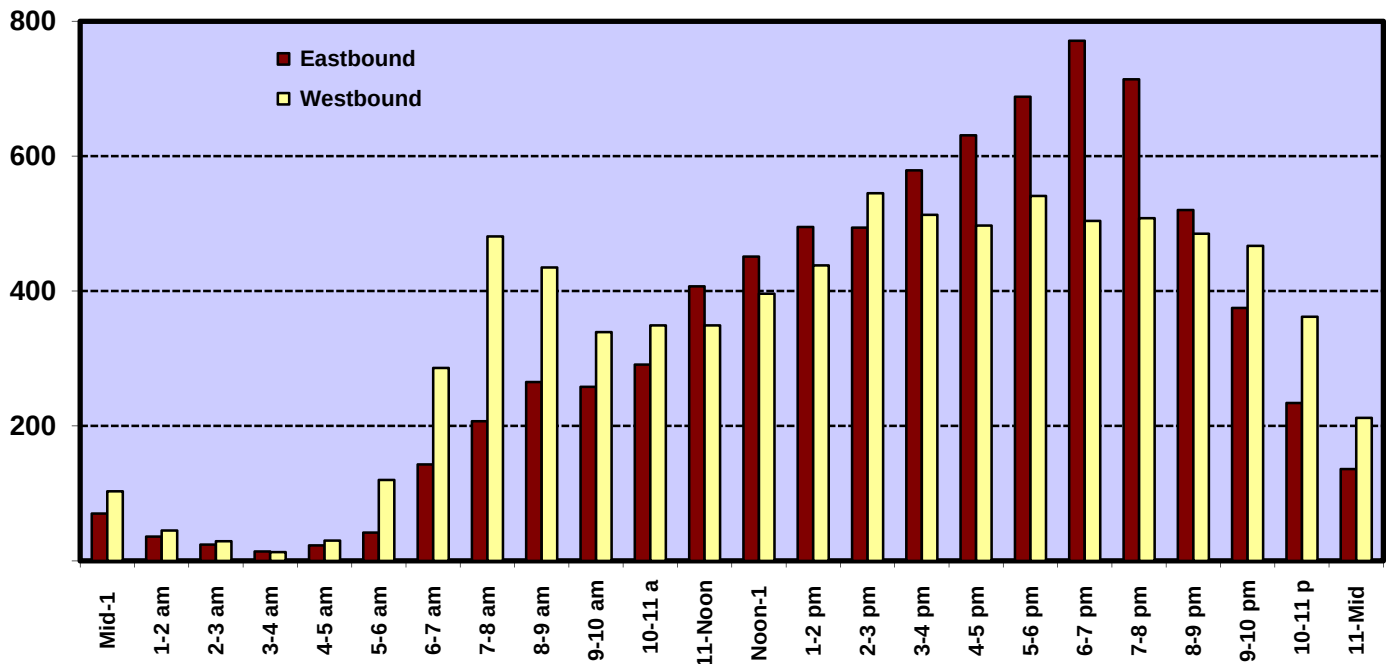
City Island Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	70	---	---	---	---	---	103
1-2am	---	---	---	---	---	36	---	---	---	---	---	45
2-3am	---	---	---	---	---	24	---	---	---	---	---	29
3-4am	---	---	---	---	---	14	---	---	---	---	---	13
4-5am	---	---	---	---	---	23	---	---	---	---	---	30
5-6am	---	---	---	---	---	42	---	---	---	---	---	120
6-7am	---	---	---	---	---	143	---	---	---	---	---	286
7-8am	173	7	9	4	14	207	434	10	0	18	19	481
8-9am	207	12	10	6	30	265	379	13	0	13	30	435
9-10am	216	4	4	7	27	258	307	4	0	9	19	339
10-11am	272	0	4	6	9	291	334	4	1	8	2	349
11-12am	348	6	10	7	36	407	337	6	0	2	4	349
12-1pm	416	2	9	3	21	451	380	9	0	5	2	396
1-2pm	462	3	1	7	22	495	411	2	0	6	19	438
2-3pm	413	10	13	19	39	494	469	12	3	25	36	545
3-4pm	542	11	6	7	13	579	483	15	0	5	10	513
4-5pm	551	2	23	11	44	631	458	2	0	9	28	497
5-6pm	637	7	13	8	23	688	504	5	0	11	21	541
6-7pm	728	6	7	11	19	771	477	7	0	9	11	504
7-8pm	---	---	---	---	---	714	---	---	---	---	---	508
8-9pm	---	---	---	---	---	520	---	---	---	---	---	485
9-10pm	---	---	---	---	---	375	---	---	---	---	---	467
10-11pm	---	---	---	---	---	234	---	---	---	---	---	362
11-12pm	---	---	---	---	---	136	---	---	---	---	---	212
Totals	---	---	---	---	---	7,868	---	---	---	---	---	8,047
7-10am	596	23	23	17	71	730	1,120	27	0	40	68	1,255
10am-1pm	1,036	8	23	16	66	1,149	1,051	19	1	15	8	1,094
1-4pm	1,417	24	20	33	74	1,568	1,363	29	3	36	65	1,496
4-7pm	1,916	15	43	30	86	2,090	1,439	14	0	29	60	1,542
7am-7pm	4,965	70	109	96	297	5,537	4,973	89	4	120	201	5,387
6-10am						873						1,541
3-7pm	2,458	26	49	37	99	2,669	1,922	29	0	34	70	2,055
6am-7pm						5,680						5,673
												11,353
												15,915
												1,985
												2,243
												3,064
												3,632
												10,924
												2,414
												4,724
												11,353

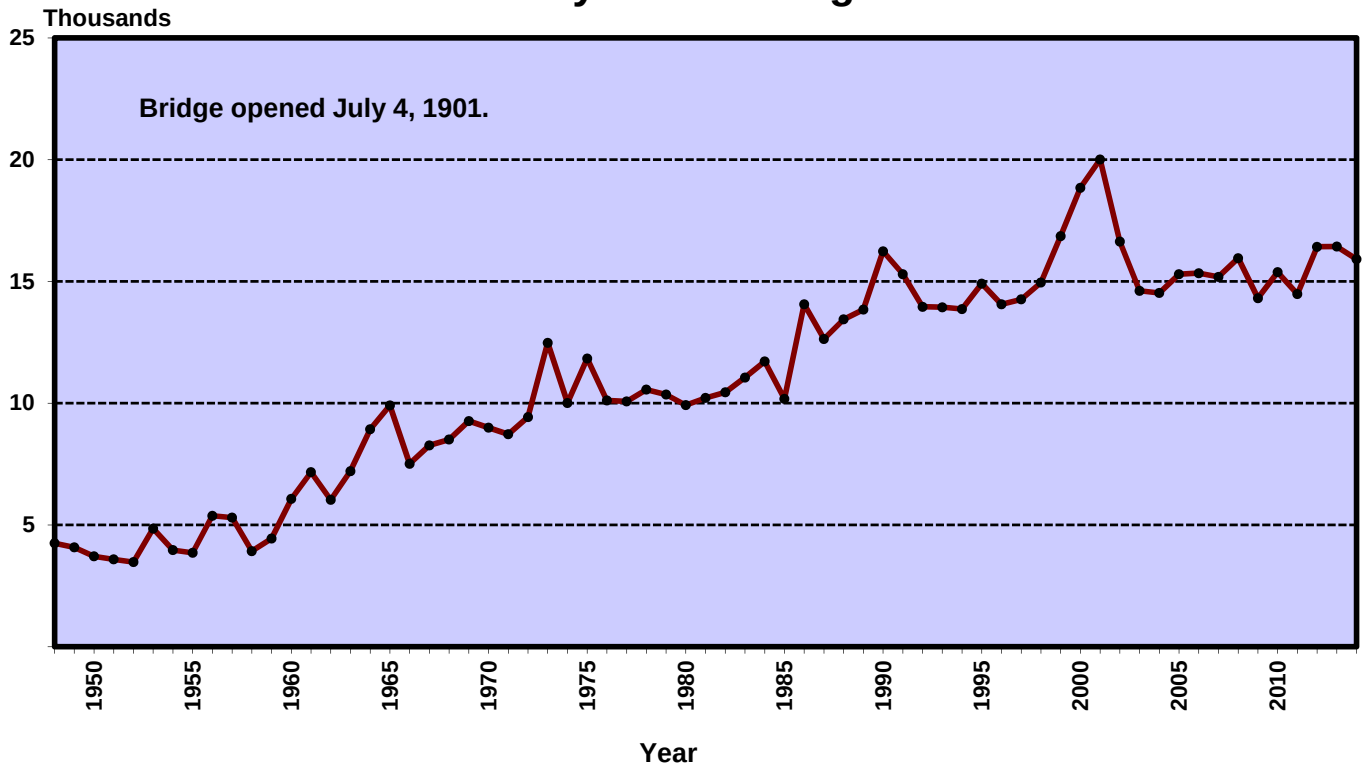
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes City Island Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions City Island Bridge



Hourly Vehicular Volumes

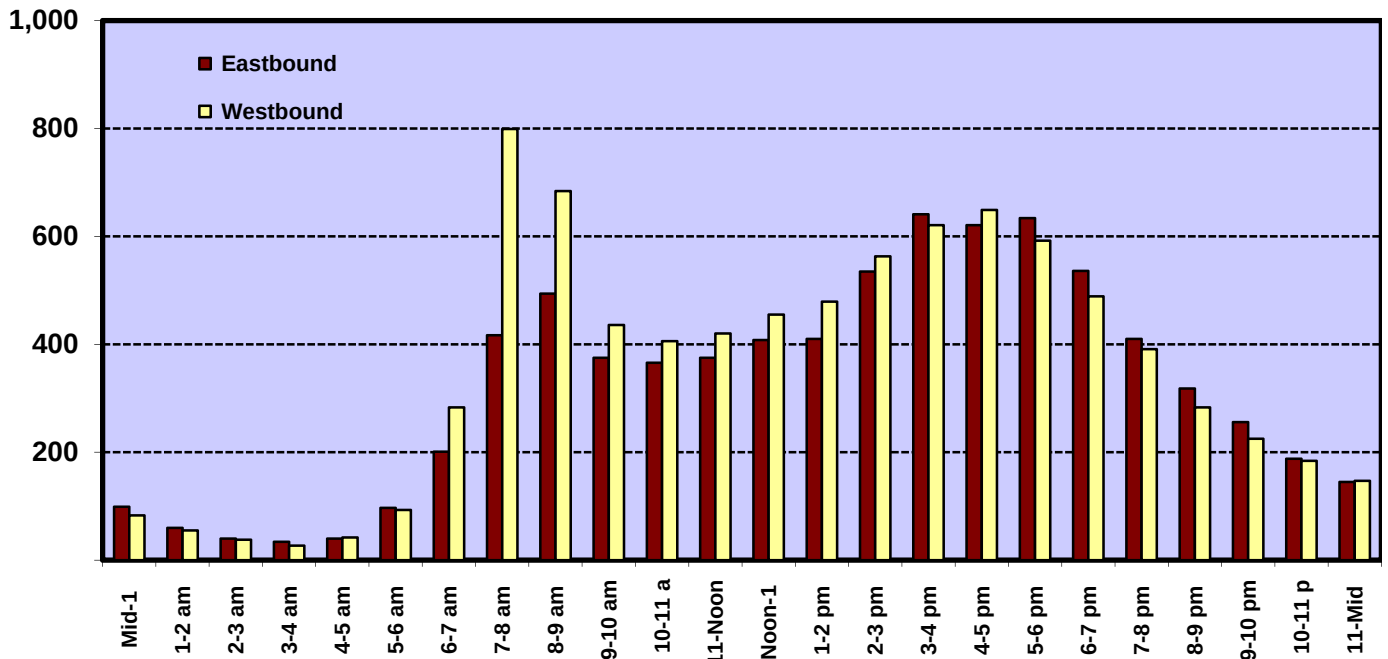
East 174th Street Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	99	---	---	---	---	---	83
1-2am	---	---	---	---	---	60	---	---	---	---	---	55
2-3am	---	---	---	---	---	40	---	---	---	---	---	38
3-4am	---	---	---	---	---	34	---	---	---	---	---	27
4-5am	---	---	---	---	---	40	---	---	---	---	---	42
5-6am	---	---	---	---	---	97	---	---	---	---	---	93
6-7am	---	---	---	---	---	201	---	---	---	---	---	283
7-8am	344	31	10	15	17	417	684	36	25	9	45	799
8-9am	376	56	11	36	15	494	574	30	26	13	41	684
9-10am	296	29	11	18	21	375	366	16	12	9	33	436
10-11am	314	19	6	16	11	366	363	31	5	5	2	406
11-12am	267	23	23	34	28	375	338	15	5	28	34	420
12-1pm	351	12	12	17	16	408	409	22	5	9	10	455
1-2pm	362	10	12	12	14	410	433	19	8	6	13	479
2-3pm	410	35	27	39	24	535	444	43	17	22	37	563
3-4pm	559	38	14	15	15	641	535	45	10	2	29	621
4-5pm	525	14	25	31	26	621	559	21	17	17	35	649
5-6pm	559	15	16	23	21	634	529	21	14	2	26	592
6-7pm	477	21	7	13	18	536	442	14	14	3	16	489
7-8pm	---	---	---	---	---	410	---	---	---	---	---	391
8-9pm	---	---	---	---	---	318	---	---	---	---	---	283
9-10pm	---	---	---	---	---	256	---	---	---	---	---	225
10-11pm	---	---	---	---	---	188	---	---	---	---	---	184
11-12pm	---	---	---	---	---	145	---	---	---	---	---	147
Totals	---	---	---	---	---	7,700	---	---	---	---	---	8,444
7-10am	1,016	116	32	69	53	1,286	1,624	82	63	31	119	1,919
10am-1pm	932	54	41	67	55	1,149	1,110	68	15	42	46	1,281
1-4pm	1,331	83	53	66	53	1,586	1,412	107	35	30	79	1,663
4-7pm	1,561	50	48	67	65	1,791	1,530	56	45	22	77	1,730
7am-7pm	4,840	303	174	269	226	5,812	5,676	313	158	125	321	6,593
6-10am						1,487						2,202
3-7pm	2,120	88	62	82	80	2,432	2,065	101	55	24	106	2,351
6am-7pm						6,013						6,876
												12,889

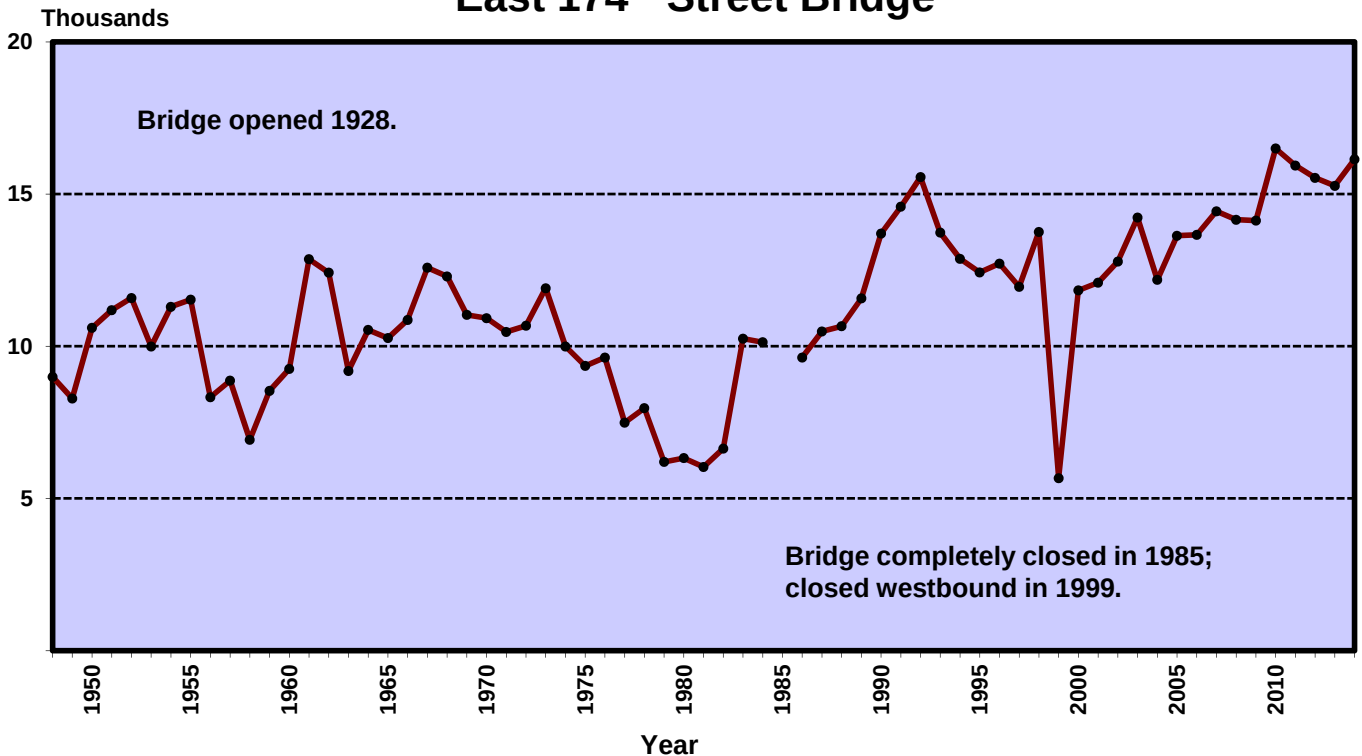
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes East 174th Street Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions East 174th Street Bridge



Hourly Vehicular Volumes

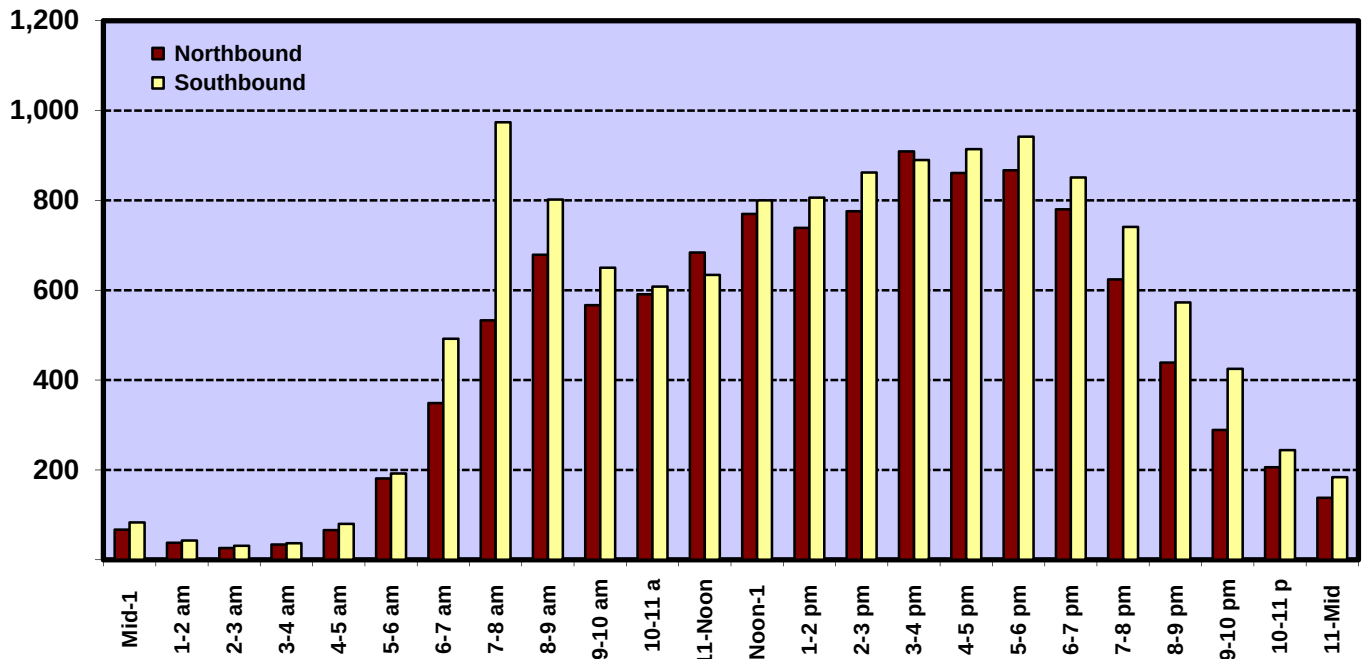
Eastchester Bridge - 2014

	Northbound					Totals	Southbound					2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	67	---	---	---	---	---	83
1-2am	---	---	---	---	---	38	---	---	---	---	---	43
2-3am	---	---	---	---	---	26	---	---	---	---	---	31
3-4am	---	---	---	---	---	34	---	---	---	---	---	37
4-5am	---	---	---	---	---	66	---	---	---	---	---	80
5-6am	---	---	---	---	---	181	---	---	---	---	---	192
6-7am	---	---	---	---	---	349	---	---	---	---	---	492
7-8am	470	15	0	27	21	533	803	14	14	111	32	974 **
8-9am	575	14	0	50	40	679	630	16	19	103	34	802
9-10am	478	16	0	40	33	567	428	20	22	133	47	650
10-11am	541	7	0	24	19	591	527	8	15	38	20	608
11-12am	599	5	0	37	43	684	487	8	17	84	38	634
12-1pm	722	9	0	14	25	770	729	8	7	35	21	800
1-2pm	697	8	0	14	20	739	736	8	5	44	13	806
2-3pm	699	16	0	37	24	776	675	13	16	125	33	862
3-4pm	848	16	0	23	22	909 **	798	18	11	50	13	890
4-5pm	785	10	0	26	40	861	818	10	17	46	23	914
5-6pm	788	10	0	28	41	867	843	10	14	43	32	942
6-7pm	737	13	0	14	16	780	774	19	10	38	10	851
7-8pm	---	---	---	---	---	624	---	---	---	---	---	741
8-9pm	---	---	---	---	---	439	---	---	---	---	---	573
9-10pm	---	---	---	---	---	289	---	---	---	---	---	425
10-11pm	---	---	---	---	---	206	---	---	---	---	---	244
11-12pm	---	---	---	---	---	138	---	---	---	---	---	184
Totals	---	---	---	---	---	11,213	---	---	---	---	---	12,858
7-10am	1,523	45	0	117	94	1,779	1,861	50	55	347	113	2,426
10am-1pm	1,862	21	0	75	87	2,045	1,743	24	39	157	79	2,042
1-4pm	2,244	40	0	74	66	2,424	2,209	39	32	219	59	2,558
4-7pm	2,310	33	0	68	97	2,508	2,435	39	41	127	65	2,707
7am-7pm	7,939	139	0	334	344	8,756	8,248	152	167	850	316	9,733
6-10am						2,128						2,918
3-7pm	3,158	49	0	91	119	3,417	3,233	57	52	177	78	3,597
6am-7pm						9,105						10,225

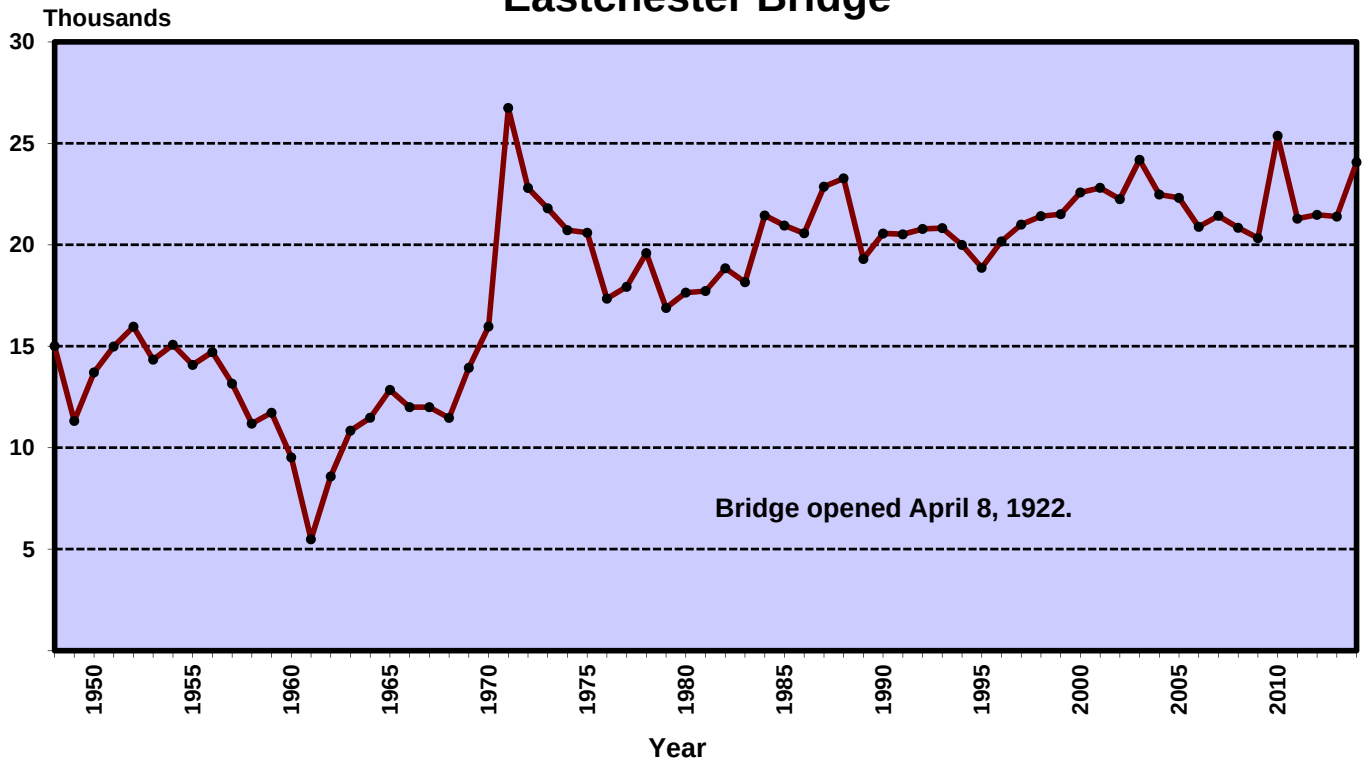
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Eastchester Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Eastchester Bridge



Hourly Vehicular Volumes

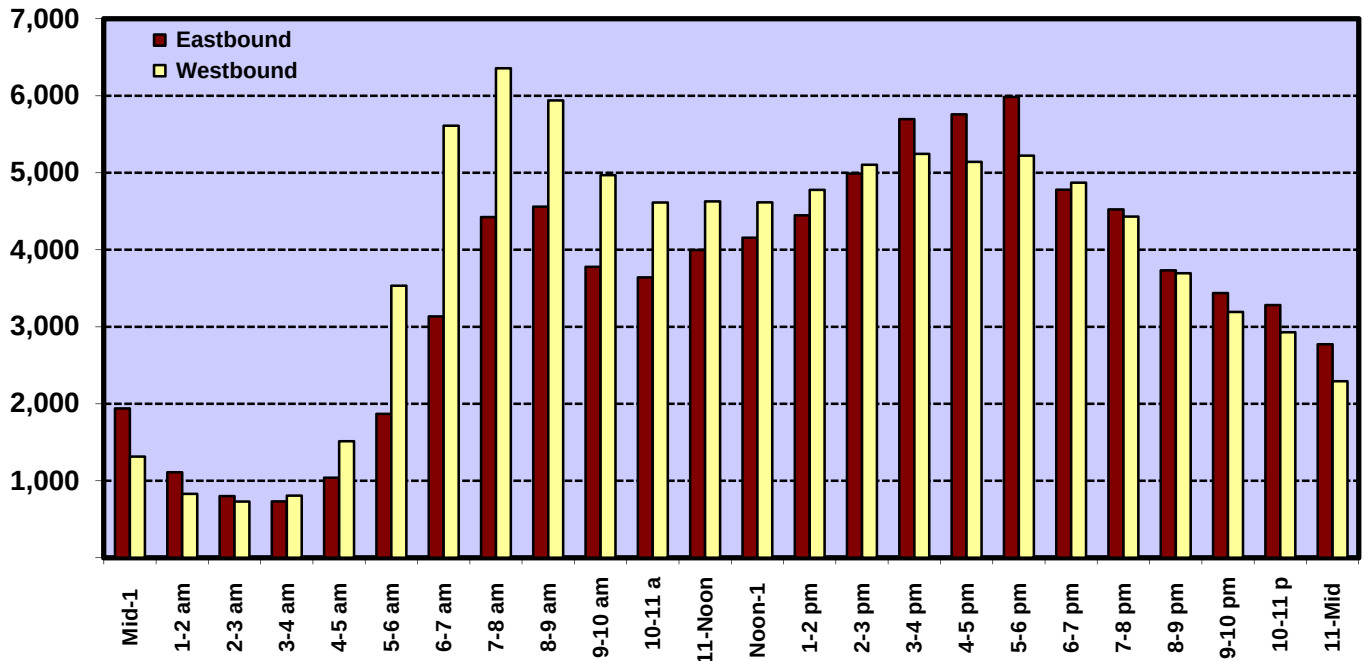
Eastern Boulevard Bridge - 2014

	Eastbound					Westbound					2-Way Totals	
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks		Commercial Vans
12-1am	---	---	---	---	---	1,939	---	---	---	---	---	1,313
1-2am	---	---	---	---	---	1,110	---	---	---	---	---	830
2-3am	---	---	---	---	---	800	---	---	---	---	---	730
3-4am	---	---	---	---	---	733	---	---	---	---	---	806
4-5am	---	---	---	---	---	1,040	---	---	---	---	---	1,514
5-6am	---	---	---	---	---	1,869	---	---	---	---	---	3,533
6-7am	---	---	---	---	---	3,133	---	---	---	---	---	5,610
7-8am	3,741	56	70	420	137	4,424	5,521	100	120	355	261	6,357 **
8-9am	3,626	105	97	514	218	4,560	5,030	71	135	428	275	5,939
9-10am	2,907	91	105	487	189	3,779	4,304	44	80	313	228	4,969
10-11am	3,207	23	47	263	100	3,640	4,253	37	55	168	100	4,613
11-12am	3,159	16	144	422	255	3,996	3,967	27	111	307	215	4,627
12-1pm	3,745	20	67	205	119	4,156	4,271	28	35	179	102	4,615
1-2pm	4,188	27	1	147	84	4,447	4,417	58	60	180	63	4,778
2-3pm	4,508	40	0	254	187	4,989	4,386	120	95	363	140	5,104
3-4pm	5,422	39	0	144	91	5,696	4,885	71	44	190	54	5,244
4-5pm	5,272	34	0	278	175	5,759	4,438	108	128	295	173	5,142
5-6pm	5,674	58	0	89	164	5,985 **	4,766	37	144	184	92	5,223
6-7pm	4,499	37	0	124	120	4,780	4,593	40	83	92	64	4,872
7-8pm	---	---	---	---	---	4,524	---	---	---	---	---	4,431
8-9pm	---	---	---	---	---	3,733	---	---	---	---	---	3,696
9-10pm	---	---	---	---	---	3,438	---	---	---	---	---	3,193
10-11pm	---	---	---	---	---	3,282	---	---	---	---	---	2,929
11-12pm	---	---	---	---	---	2,773	---	---	---	---	---	2,292
Totals	---	---	---	---	---	84,585	---	---	---	---	---	92,360
7-10am	10,274	252	272	1,421	544	12,763	14,855	215	335	1,096	764	17,265
10am-1pm	10,111	59	258	890	474	11,792	12,491	92	201	654	417	13,855
1-4pm	14,118	106	1	545	362	15,132	13,688	249	199	733	257	15,126
4-7pm	15,445	129	0	491	459	16,524	13,797	185	355	571	329	15,237
7am-7pm	49,948	546	531	3,347	1,839	56,211	54,831	741	1,090	3,054	1,767	61,483
6-10am	---	---	---	---	---	15,896	---	---	---	---	---	22,875
3-7pm	20,867	168	0	635	550	22,220	18,682	256	399	761	383	20,481
6am-7pm	---	---	---	---	---	59,344	---	---	---	---	---	67,093

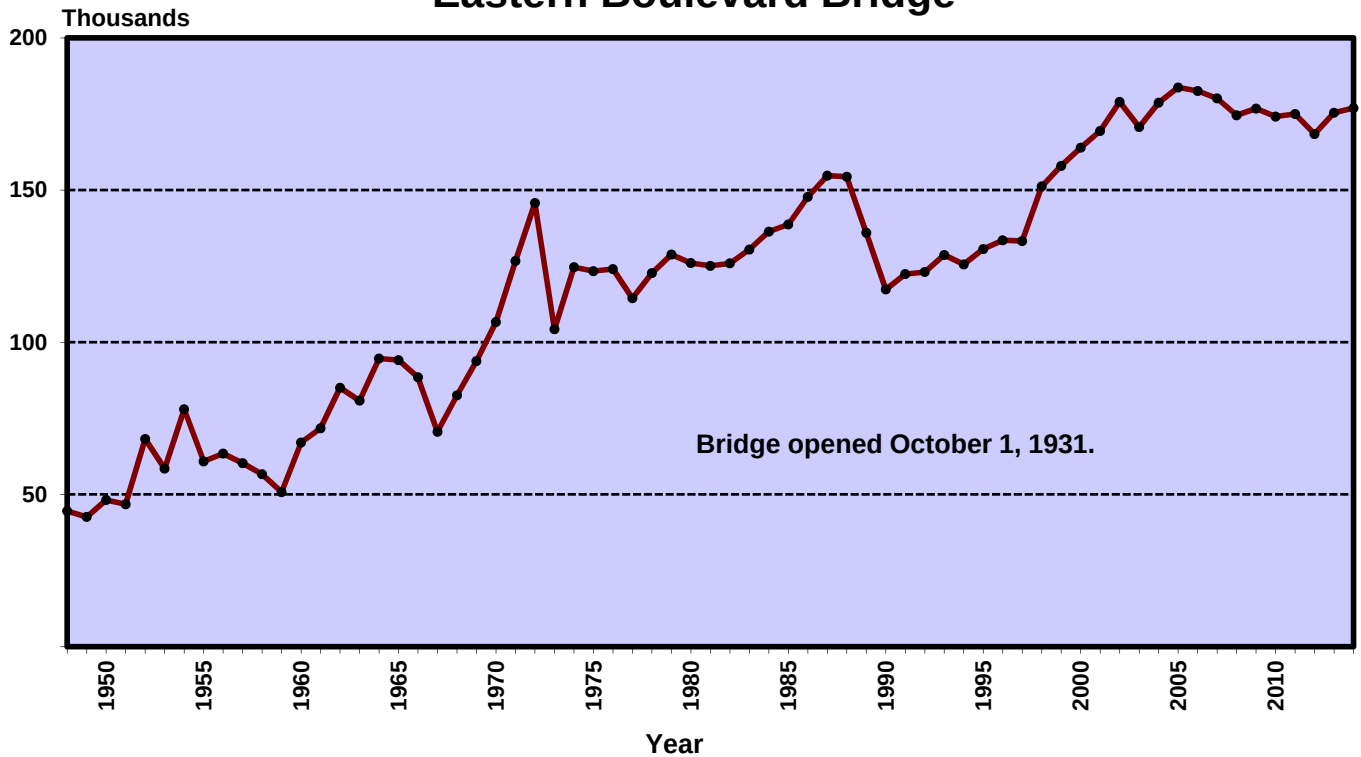
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Eastern Boulevard Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Eastern Boulevard Bridge



Hourly Vehicular Volumes

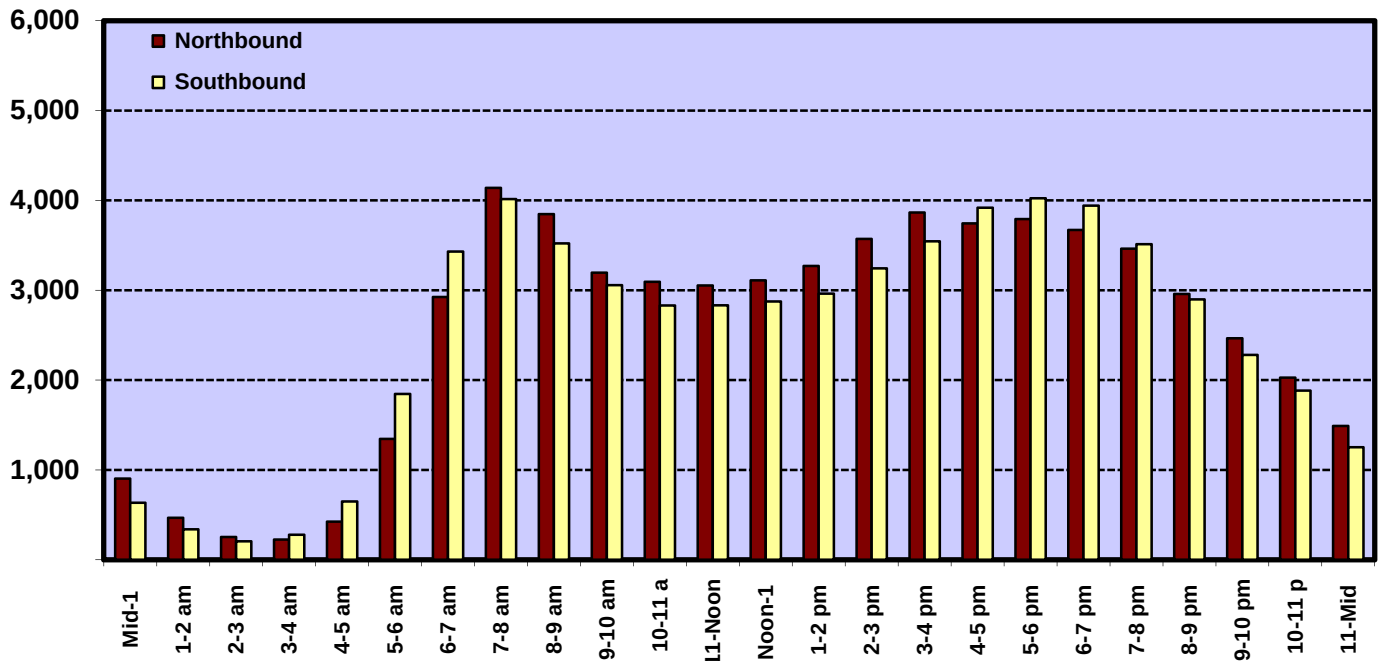
Hutchinson River Parkway Bridge - 2014

	Northbound					Totals	Southbound					Totals
	Autos	Buses	Vans	Trucks	Commercial		Autos	Buses	Vans	Trucks	Commercial	
12-1am	---	---	---	---	---	903	---	---	---	---	---	635
1-2am	---	---	---	---	---	467	---	---	---	---	---	340
2-3am	---	---	---	---	---	254	---	---	---	---	---	206
3-4am	---	---	---	---	---	226	---	---	---	---	---	279
4-5am	---	---	---	---	---	425	---	---	---	---	---	649
5-6am	---	---	---	---	---	1,345	---	---	---	---	---	1,845
6-7am	---	---	---	---	---	2,925	---	---	---	---	---	3,430
7-8am	3,824	4	98	143	71	4,140	3,879	1	19	9	106	4,014
8-9am	3,605	6	64	124	49	3,848	3,440	2	5	6	68	3,521
9-10am	2,943	1	82	104	66	3,196	2,938	7	13	11	87	3,056
10-11am	2,947	3	40	68	37	3,095	2,787	3	6	6	29	2,831
11-12am	2,731	0	125	120	77	3,053	2,684	0	10	11	127	2,832
12-1pm	2,981	0	36	63	30	3,110	2,829	0	3	3	40	2,875
1-2pm	3,092	7	57	78	37	3,271	2,886	6	8	0	63	2,963
2-3pm	3,194	5	126	178	69	3,572	3,111	6	13	6	108	3,244
3-4pm	3,700	3	56	72	34	3,865	3,463	11	3	3	65	3,545
4-5pm	3,377	1	79	212	75	3,744	3,831	0	16	0	71	3,918
5-6pm	3,523	1	79	131	58	3,792	3,918	0	10	8	88	4,024
6-7pm	3,443	0	71	99	58	3,671	3,843	0	16	2	80	3,941
7-8pm	---	---	---	---	---	3,462	---	---	---	---	---	3,513
8-9pm	---	---	---	---	---	2,959	---	---	---	---	---	2,898
9-10pm	---	---	---	---	---	2,465	---	---	---	---	---	2,280
10-11pm	---	---	---	---	---	2,028	---	---	---	---	---	1,883
11-12pm	---	---	---	---	---	1,490	---	---	---	---	---	1,253
Totals	---	---	---	---	---	61,306	---	---	---	---	---	59,975
7-10am	10,372	11	244	371	186	11,184	10,257	10	37	26	261	10,591
10am-1pm	8,659	3	201	251	144	9,258	8,300	3	19	20	196	8,538
1-4pm	9,986	15	239	328	140	10,708	9,460	23	24	9	236	9,752
4-7pm	10,343	2	229	442	191	11,207	11,592	0	42	10	239	11,883
7am-7pm	39,360	31	913	1,392	661	42,357	39,609	36	122	65	932	40,764
6-10am												
3-7pm	14,043	5	285	514	225	15,072	15,055	11	45	13	304	15,428
6am-7pm						45,282						44,194

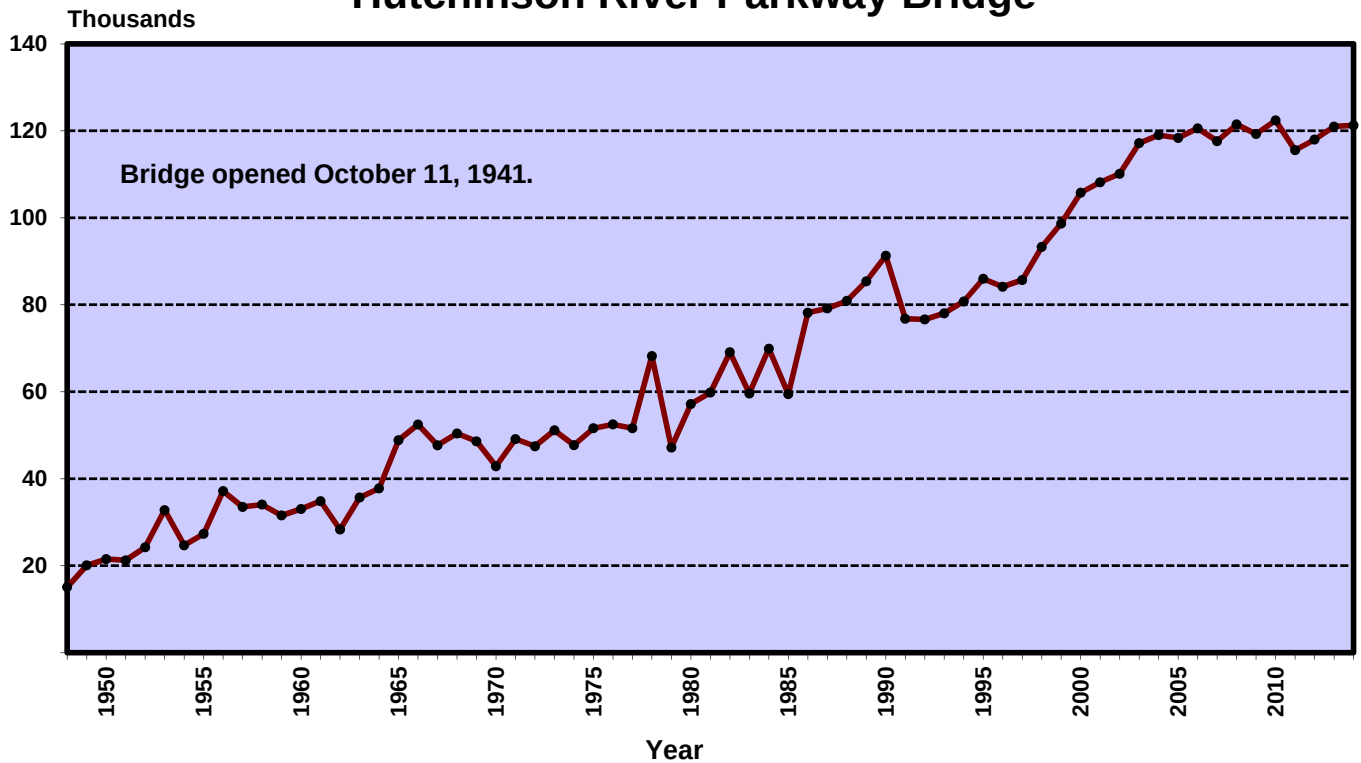
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Hutchinson River Parkway Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Hutchinson River Parkway Bridge



Hourly Vehicular Volumes

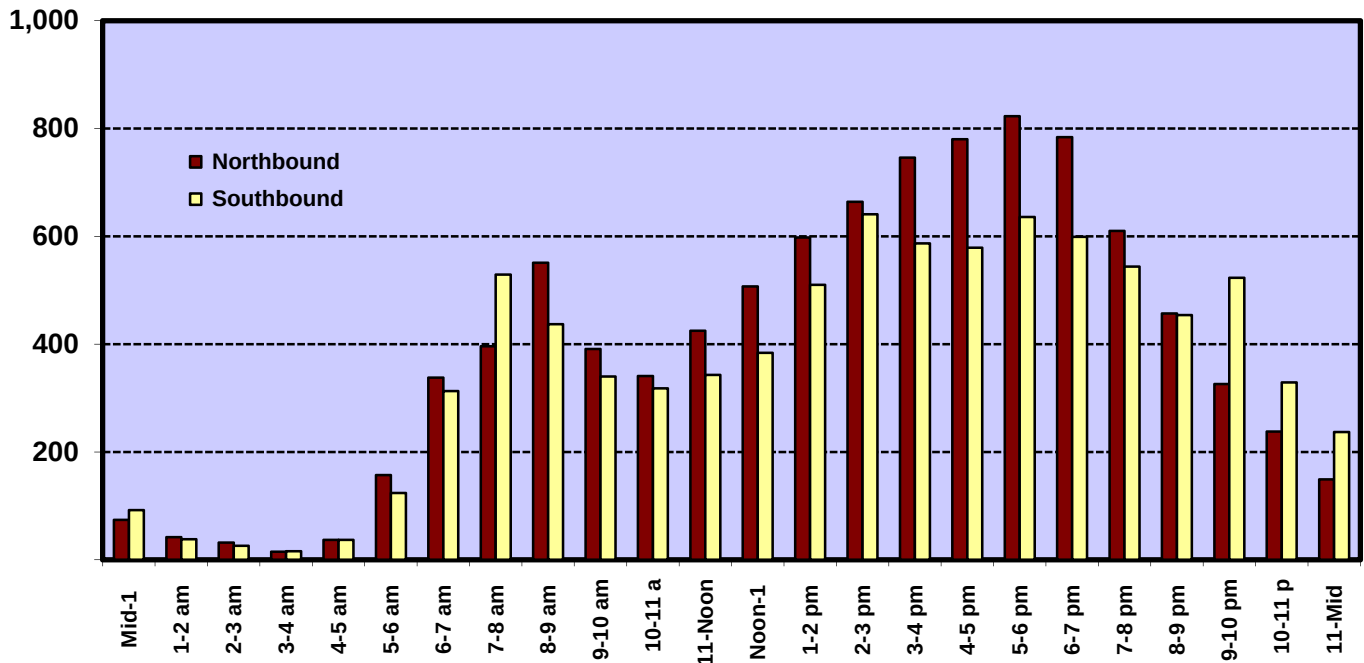
Pelham Bridge - 2014

FHWA Classes ▶	Northbound							Southbound							2-way Grand Totals
	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles							Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles							
	Autos, SUVs, Family Vans	Taxis, Liveries, Limos	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles		Autos, SUVs, Family Vans	Taxis, Liveries, Limos	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles		
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		
12-1am	58	8	5	0	3	0	74	76	7	5	2	2	0	92	
1-2am	33	6	3	0	0	0	42	33	1	4	0	0	0	38	
2-3am	22	0	3	0	7	0	32	20	1	0	0	5	0	26	
3-4am	11	1	1	0	2	0	15	13	0	1	0	2	0	16	
4-5am	30	1	1	1	4	0	37	32	1	2	1	1	0	37	
5-6am	138	5	5	4	5	0	157	111	2	6	2	3	0	124	
6-7am	290	3	10	30	4	1	338	270	4	13	19	7	0	313	
7-8am	348	4	22	9	13	0	396	462	5	28	18	16	0	529	
8-9am	458	5	47	12	28	1	551	382	9	19	10	17	0	437	
9-10am	305	6	48	7	25	0	391	276	7	34	6	16	1	340	
10-11am	283	9	22	6	21	0	341	260	10	31	6	11	0	318	
11-12am	368	4	30	4	19	0	425	299	3	21	5	15	0	343	
12-1pm	440	9	39	5	14	0	507	322	5	28	8	21	0	384	
1-2pm	510	10	45	11	22	0	598	441	14	32	8	15	0	510	
2-3pm	583	10	30	10	29	2	664	580	11	19	9	21	1	641	
3-4pm	659	10	37	25	14	1	746	510	10	25	25	15	2	587	
4-5pm	732	11	25	8	4	0	780	536	11	19	12	1	0	579	
5-6pm	766	17	16	12	12	0	823	589	11	16	12	8	0	636	
6-7pm	725	16	28	13	1	1	784	557	7	13	15	6	1	599	
7-8pm	580	10	10	7	3	0	610	507	9	13	9	6	0	544	
8-9pm	426	16	8	5	2	0	457	425	12	8	7	2	0	454	
9-10pm	308	8	7	3	0	0	326	488	7	22	4	2	0	523	
10-11pm	211	9	10	4	4	0	238	318	3	5	3	0	0	329	
11-12pm	136	6	4	3	0	0	149	230	4	1	2	0	0	237	
Totals	8,420	184	456	179	236	6	9,481	7,737	154	365	183	192	5	8,636	
7-10am	1,111	15	117	28	66	1	1,338	1,120	21	81	34	49	1	1,306	
10am-1pm	1,091	22	91	15	54	0	1,273	881	18	80	19	47	0	1,045	
1-4pm	1,752	30	112	46	65	3	2,008	1,531	35	76	42	51	3	1,738	
4-7pm	2,223	44	69	33	17	1	2,387	1,682	29	48	39	15	1	1,814	
7am-7pm	6,177	111	389	122	202	5	7,006	5,214	103	285	134	162	5	5,903	
6-10am	1,401	18	127	58	70	2	1,676	1,390	25	94	53	56	1	1,619	
3-7pm	2,882	54	106	58	31	2	3,133	2,192	39	73	64	30	3	2,401	
6am-7pm	6,467	114	399	152	206	6	7,344	5,484	107	298	153	169	5	6,216	

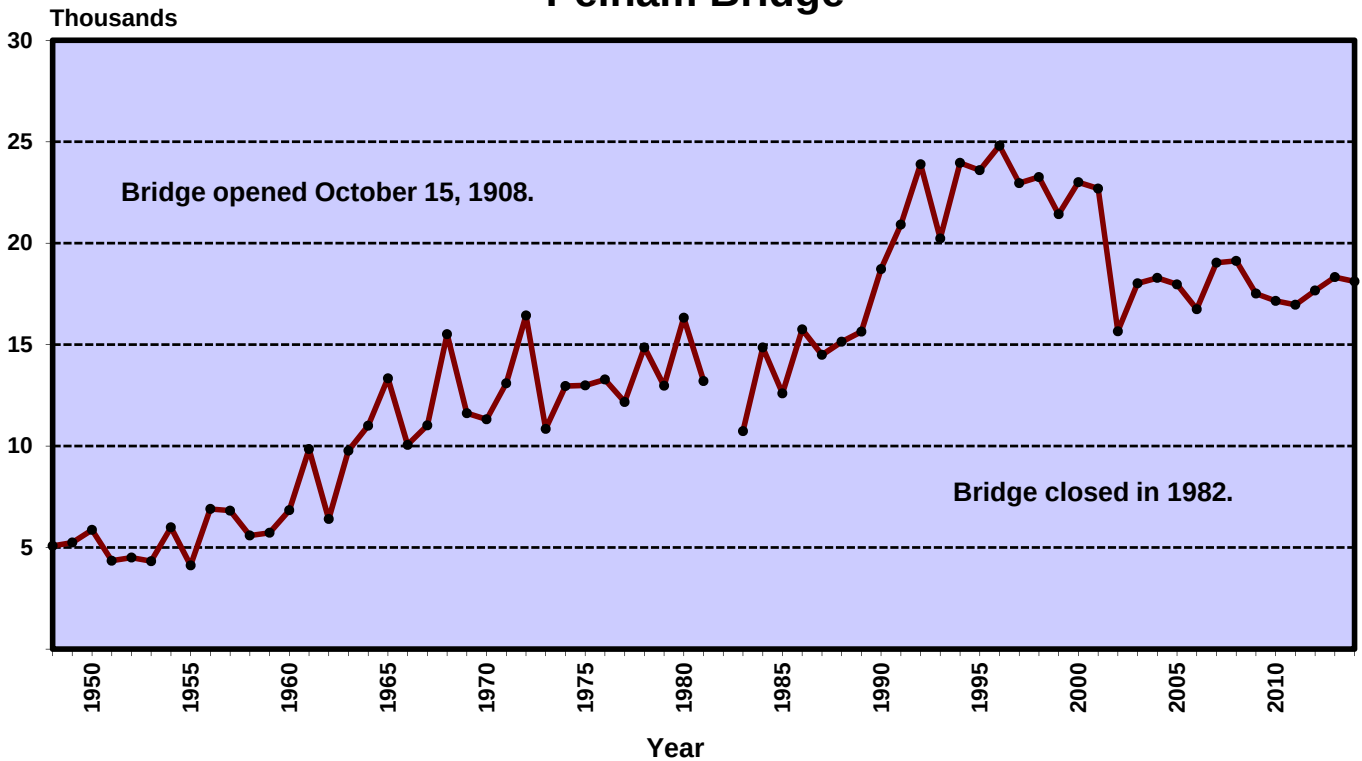
Based on November 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Pelham Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Pelham Bridge



Hourly Vehicular Volumes

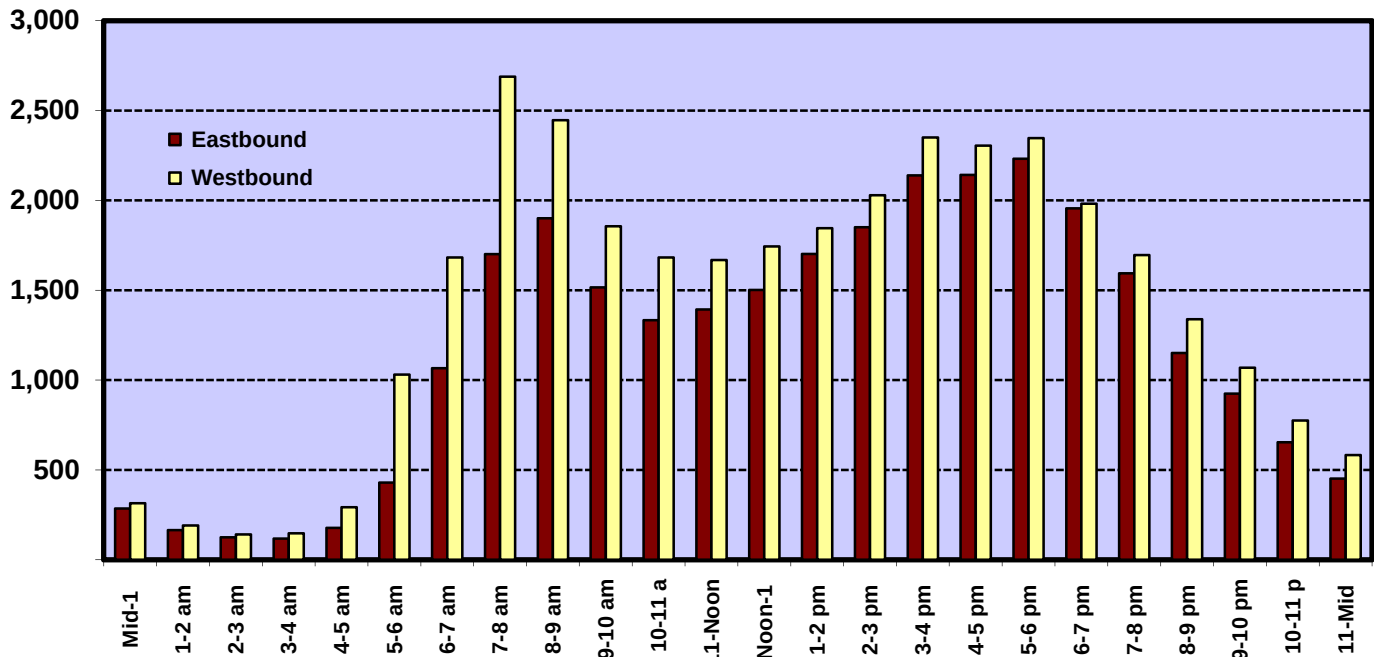
Unionport Bridge - 2014

	Eastbound					Totals	Westbound					2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	285	---	---	---	---	---	315
1-2am	---	---	---	---	---	165	---	---	---	---	---	191
2-3am	---	---	---	---	---	125	---	---	---	---	---	141
3-4am	---	---	---	---	---	118	---	---	---	---	---	147
4-5am	---	---	---	---	---	178	---	---	---	---	---	292
5-6am	---	---	---	---	---	430	---	---	---	---	---	1,031
6-7am	---	---	---	---	---	1,066	---	---	---	---	---	1,682
7-8am	1,476	39	22	124	40	1,701	2,509	49	3	53	75	2,689 **
8-9am	1,603	39	50	137	72	1,901	2,281	29	0	79	57	2,446
9-10am	1,215	33	60	128	80	1,516	1,717	23	0	50	66	1,856
10-11am	1,177	17	19	76	44	1,333	1,584	22	0	19	57	1,682
11-12am	1,094	14	56	154	75	1,393	1,445	17	0	94	112	1,668
12-1pm	1,336	14	29	84	39	1,502	1,661	12	0	38	33	1,744
1-2pm	1,389	12	46	165	90	1,702	1,589	24	2	115	115	1,845
2-3pm	1,584	17	47	144	59	1,851	1,783	29	0	107	110	2,029
3-4pm	1,998	16	19	67	39	2,139	2,167	54	0	52	77	2,350
4-5pm	1,862	19	39	149	73	2,142	2,043	32	0	77	153	2,305
5-6pm	1,971	25	50	144	42	2,232 **	2,148	34	0	75	90	2,347
6-7pm	1,736	34	47	103	36	1,956	1,868	20	0	35	59	1,982
7-8pm	---	---	---	---	---	1,594	---	---	---	---	---	1,696
8-9pm	---	---	---	---	---	1,151	---	---	---	---	---	1,339
9-10pm	---	---	---	---	---	925	---	---	---	---	---	1,069
10-11pm	---	---	---	---	---	654	---	---	---	---	---	775
11-12pm	---	---	---	---	---	452	---	---	---	---	---	583
Totals	---	---	---	---	---	28,511	---	---	---	---	---	34,204
7-10am	4,294	111	132	389	192	5,118	6,507	101	3	182	198	6,991
10am-1pm	3,607	45	104	314	158	4,228	4,690	51	0	151	202	5,094
1-4pm	4,971	45	112	376	188	5,692	5,539	107	2	274	302	6,224
4-7pm	5,569	78	136	396	151	6,330	6,059	86	0	187	302	6,634
7am-7pm	18,441	279	484	1,475	689	21,368	22,795	345	5	794	1,004	24,943
6-10am						6,184						8,673
3-7pm	7,567	94	155	463	190	8,469	8,226	140	0	239	379	8,984
6am-7pm						22,434						26,625

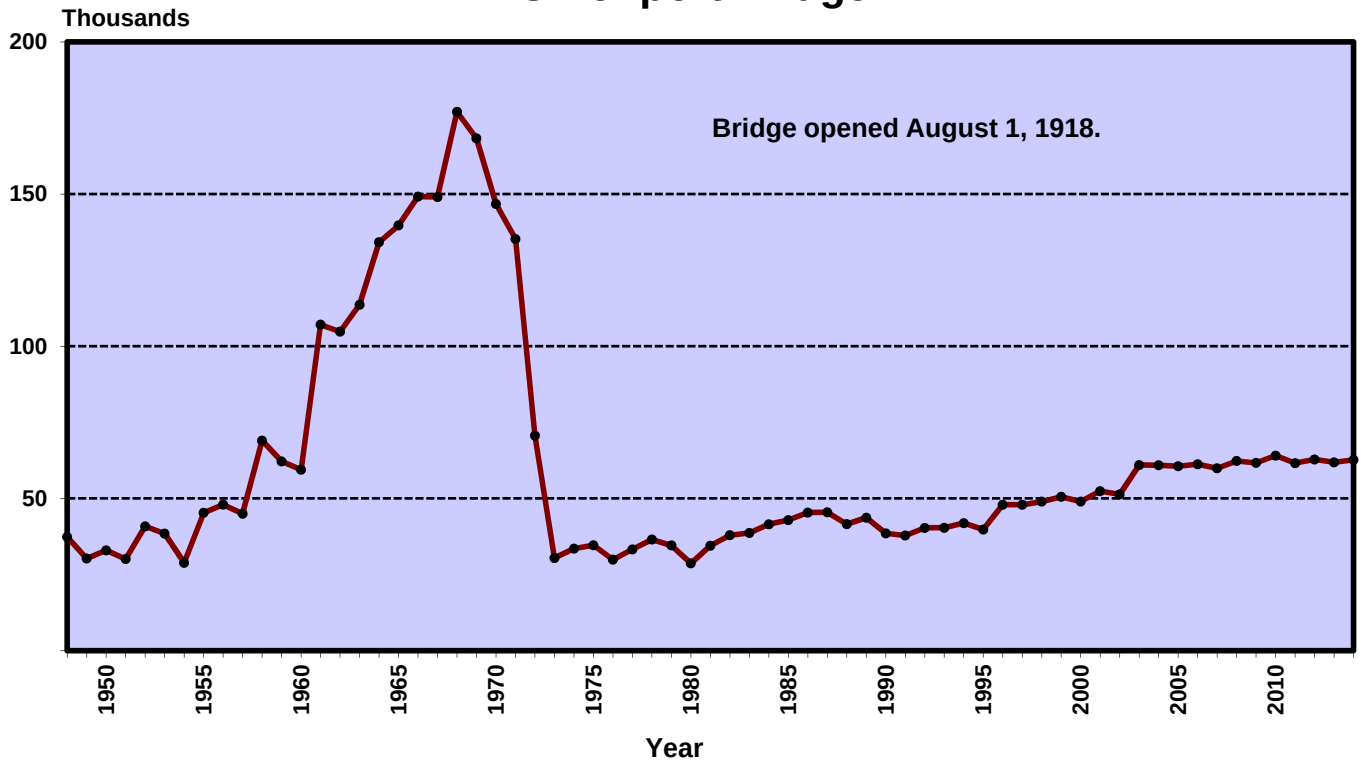
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Unionport Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Unionport Bridge



Hourly Vehicular Volumes

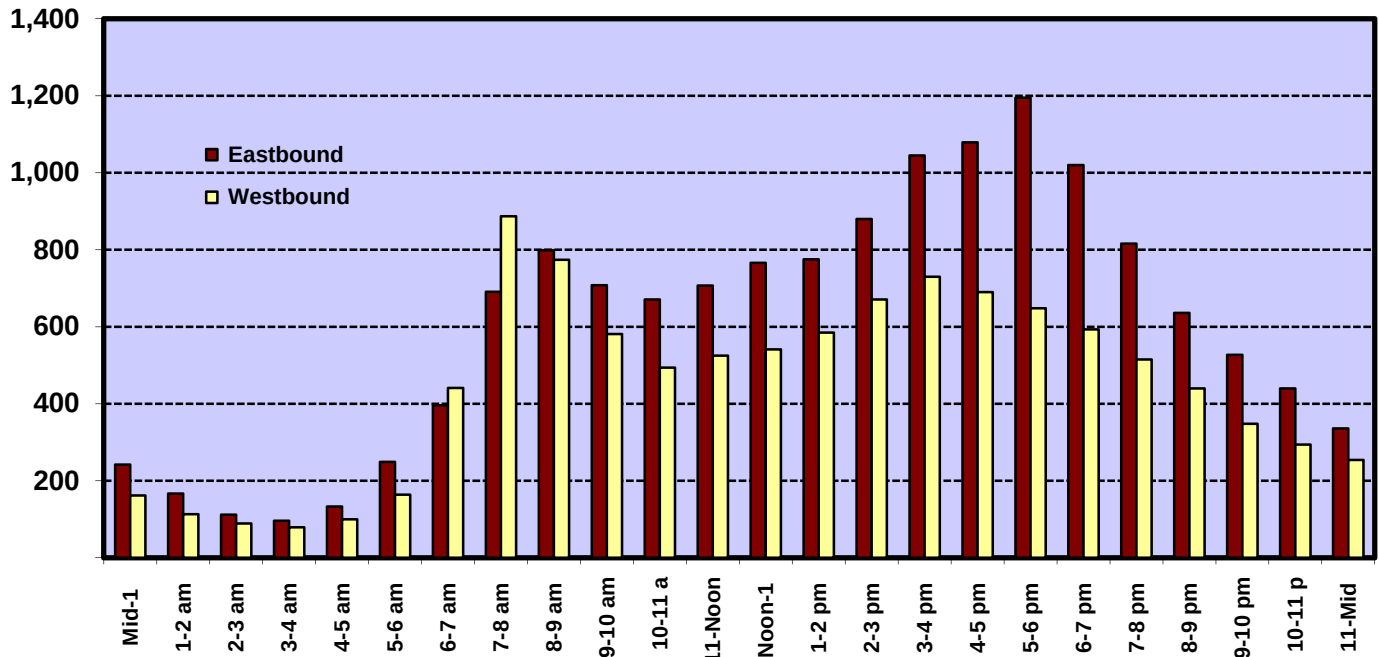
Westchester Avenue Bridge - 2014

	Eastbound						Westbound						2-Way Totals
	Autos	Buses	Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	242	---	---	---	---	---	162	404
1-2am	---	---	---	---	---	167	---	---	---	---	---	113	280
2-3am	---	---	---	---	---	112	---	---	---	---	---	89	201
3-4am	---	---	---	---	---	96	---	---	---	---	---	79	175
4-5am	---	---	---	---	---	133	---	---	---	---	---	100	233
5-6am	---	---	---	---	---	249	---	---	---	---	---	164	413
6-7am	---	---	---	---	---	396	---	---	---	---	---	441	837
7-8am	589	36	17	26	23	691	774	35	1	21	56	887	**
8-9am	681	57	8	27	26	799	671	36	1	27	39	774	1,573
9-10am	629	32	14	14	19	708	497	13	0	23	48	581	1,289
10-11am	611	32	4	10	14	671	461	15	0	10	8	494	1,165
11-12am	598	27	8	33	41	707	426	15	0	33	51	525	1,232
12-1pm	719	22	2	8	15	766	477	18	0	23	23	541	1,307
1-2pm	693	42	8	16	16	775	531	20	0	10	24	585	1,360
2-3pm	740	54	6	32	48	880	579	29	0	20	43	671	1,551
3-4pm	942	73	2	16	12	1,045	676	25	0	13	16	730	1,775
4-5pm	974	40	23	22	20	1,079	605	28	0	20	37	690	1,769
5-6pm	1,095	25	14	23	38	1,195	557	16	0	17	58	648	**
6-7pm	938	30	2	9	41	1,020	528	8	0	2	55	593	1,613
7-8pm	---	---	---	---	---	816	---	---	---	---	---	515	1,331
8-9pm	---	---	---	---	---	636	---	---	---	---	---	440	1,076
9-10pm	---	---	---	---	---	527	---	---	---	---	---	348	875
10-11pm	---	---	---	---	---	440	---	---	---	---	---	294	734
11-12pm	---	---	---	---	---	336	---	---	---	---	---	254	590
Totals	---	---	---	---	---	14,486	---	---	---	---	---	10,718	25,204
7-10am	1,899	125	39	67	68	2,198	1,942	84	2	71	143	2,242	4,440
10am-1pm	1,928	81	14	51	70	2,144	1,364	48	0	66	82	1,560	3,704
1-4pm	2,375	169	16	64	76	2,700	1,786	74	0	43	83	1,986	4,686
4-7pm	3,007	95	39	54	99	3,294	1,690	52	0	39	150	1,931	5,225
7am-7pm	9,209	470	108	236	313	10,336	6,782	258	2	219	458	7,719	18,055
6-10am						2,594						2,683	5,277
3-7pm	3,949	168	41	70	111	4,339	2,366	77	0	52	166	2,661	7,000
6am-7pm						10,732						8,160	18,892

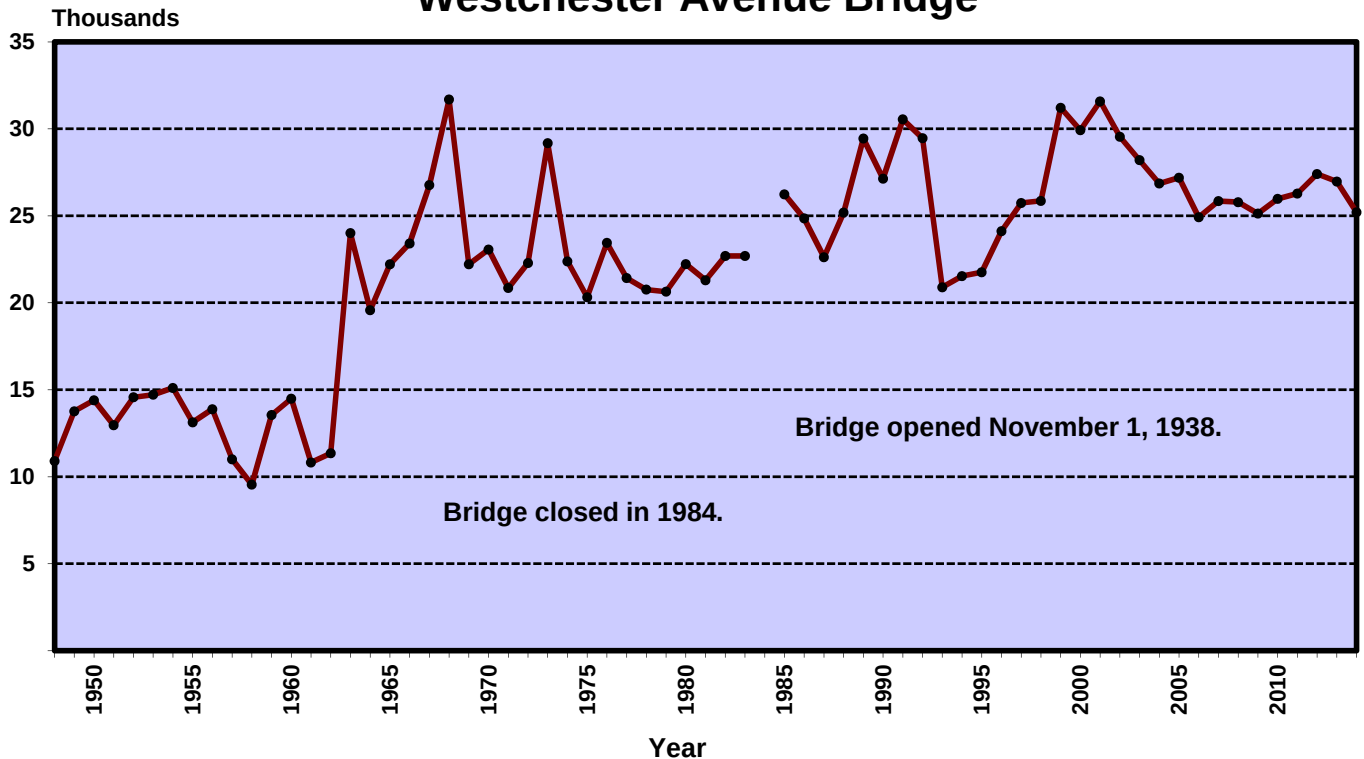
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Westchester Avenue Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Westchester Avenue Bridge



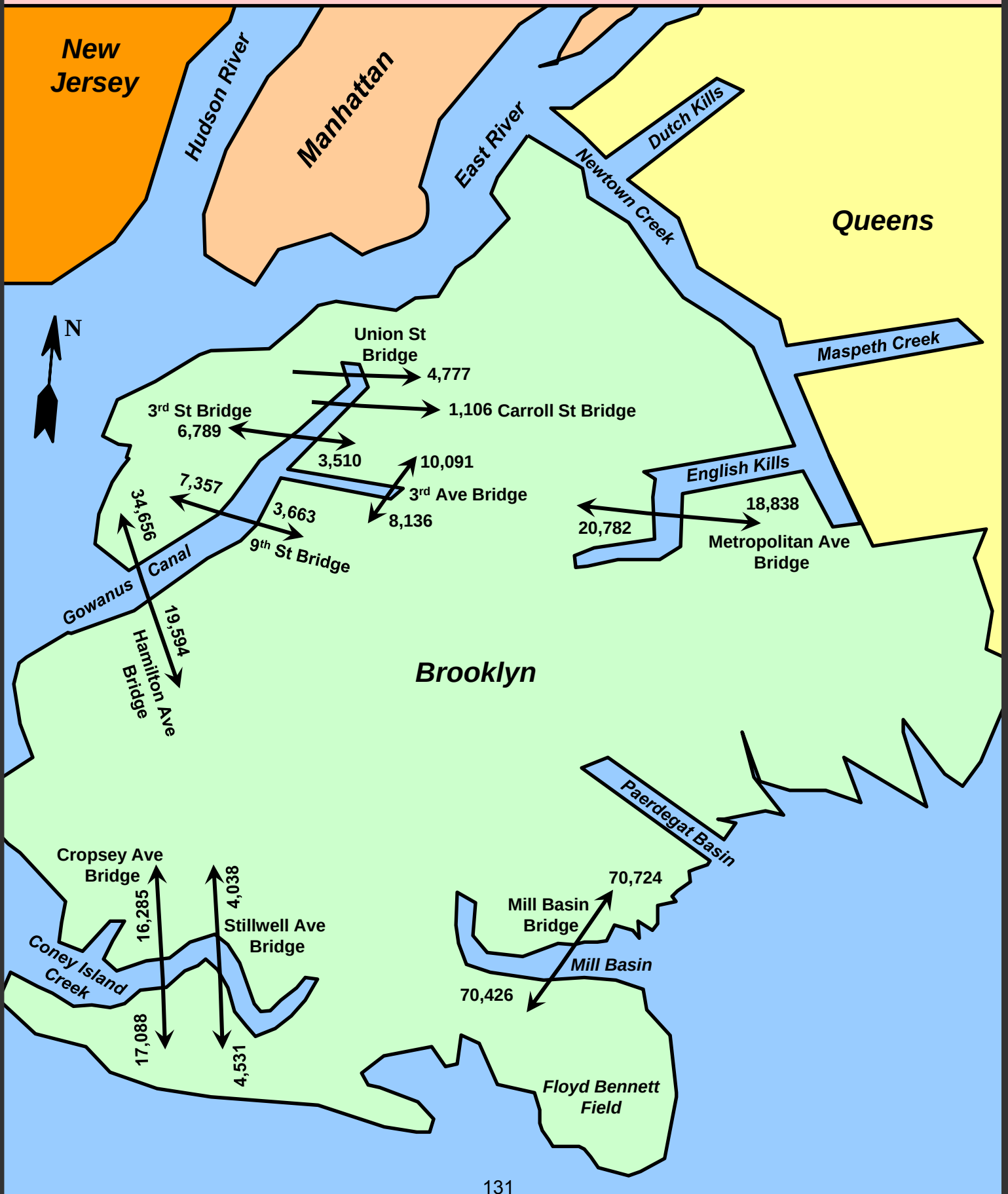
Brooklyn Bridges



Union Street Bridge

BROOKLYN BRIDGES

2014 Daily Volumes



Brooklyn Bridges
Average Daily Traffic Volumes
1948 - 2014

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
2008	1,103	35,881	52,731	38,587	144,010
2009	956	36,379	55,577	37,557	144,536
2010	994	37,411	55,252	38,279	140,800
2011	992	31,643	54,663	38,613	139,835
2012	1,136	34,998	55,797	38,262	136,875
2013	1,072	34,062	52,321	37,437	148,084
2014	1,106	33,373	54,250	39,620	141,150

Brooklyn Bridges (cont'd)
Average Daily Traffic Volumes
1948 - 2014

<i>Year</i>	<i>Ninth Street</i>	<i>Stillwell Avenue</i>	<i>Third Avenue</i>	<i>Third Street</i>	<i>Union Street</i>	<i>Totals</i>
1948	6,006	4,295	17,220	3,438	5,165	91,917
1949	5,640	4,911	19,048	5,716	6,502	111,439
1950	6,895	5,832	13,068	4,976	7,839	122,058
1951	7,159	5,312	19,114	4,852	7,207	140,124
1952	7,376	5,094	14,303	3,711	7,062	127,050
1953	10,329	4,142	15,517	3,463	9,617	141,728
1954	9,904	4,788	17,630	3,215	8,500	154,877
1955	7,704	5,706	15,144	5,907	7,469	140,907
1956	8,715	5,418	14,112	4,401	7,878	157,758
1957	8,897	4,523	14,113	4,742	9,263	153,756
1958	8,347	4,903	15,098	5,814	8,404	179,537
1959	7,906	5,239	16,808	6,887	9,969	176,508
1960	7,465	5,511	14,821	6,227	9,596	181,995
1961	13,330	5,462	16,794	9,747	9,524	207,273
1962	14,170	6,340	15,260	13,550	9,452	217,232
1963	13,270	6,280	17,700	7,970	9,380	210,610
1964	11,430	6,410	16,230	6,850	10,260	213,469
1965	9,540	6,887	15,196	5,992	9,152	241,570
1966	9,418	6,874	14,008	5,682	8,898	223,516
1967	9,871	6,708	16,560	5,570	9,208	211,307
1968	12,484	6,661	13,141	5,680	8,860	248,667
1969	9,363	7,070	13,798	5,527	8,402	251,115
1970	8,855	7,091	14,413	5,650	8,064	238,020
1971	9,952	7,344	13,473	5,991	8,786	241,116
1972	9,581	6,577	12,794	5,806	7,834	240,091
1973	8,939	6,983	13,477	6,124	8,845	226,608
1974	8,752	7,245	15,000	5,792	7,723	240,762
1975	9,313	9,925	14,576	5,145	8,188	234,623
1976	9,634	9,568	14,752	5,361	8,001	237,416
1977	11,123	6,868	13,692	4,328	4,842	228,117
1978	8,892	7,591	14,743	5,425	4,708	226,627
1979	10,095	8,764	14,448	5,629	4,457	247,018
1980	11,485	7,629	14,444	6,420	5,659	242,682
1981	9,726	7,595	17,780	5,759	4,555	240,109
1982	11,350	7,541	16,865	Closed	8,277	258,284
1983	10,893	Closed	16,521	Closed	8,415	253,358
1984	12,578	Closed	18,787	Closed	9,418	274,583
1985	9,438	Closed	17,304	Closed	9,229	275,566
1986	12,263	Closed	15,235	2,426	11,374	271,818
1987	8,762	Closed	20,029	5,626	5,971	271,080
1988	11,005	Closed	20,971	7,189	6,535	281,731
1989	9,571	Closed	22,230	6,232	6,042	299,865
1990	13,062	5,334	24,548	7,745	6,087	320,122
1991	11,444	8,574	Closed	7,411	5,142	273,185
1992	11,059	8,730	23,610	6,972	5,622	310,084
1993	9,358	9,367	24,055	7,743	4,971	308,495
1994	9,666	9,186	21,745	7,978	4,307	302,135
1995	Closed	9,889	22,639	9,556	4,802	300,832
1996	Closed	9,044	21,664	9,048	4,562	315,395
1997	Closed	9,602	21,129	10,400	4,573	318,101
1998	Closed	9,243	20,597	11,378	4,824	322,057
1999	5,544	9,478	21,647	10,849	5,061	338,261
2000	7,355	9,103	22,084	10,231	4,853	331,090
2001	7,898	9,246	21,461	9,855	4,599	335,404
2002	8,399	9,534	20,538	10,146	4,435	329,749
2003	9,406	10,138	20,517	10,010	4,843	331,805
2004	10,216	10,436	20,292	9,846	4,399	335,921
2005	11,393	10,166	20,046	10,108	4,421	331,523
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
2008	13,362	10,197	17,901	9,482	4,390	327,644
2009	13,251	10,302	17,587	10,028	4,441	330,614
2010	12,567	9,884	18,088	10,390	4,319	327,984
2011	12,404	7,548	17,895	9,776	4,147	317,516
2012	13,321	8,827	17,432	10,579	5,032	322,259
2013	12,136	8,519	17,630	10,611	5,036	326,908
2014	11,020	8,569	18,227	10,299	4,777	322,391

Hourly Vehicular Volumes

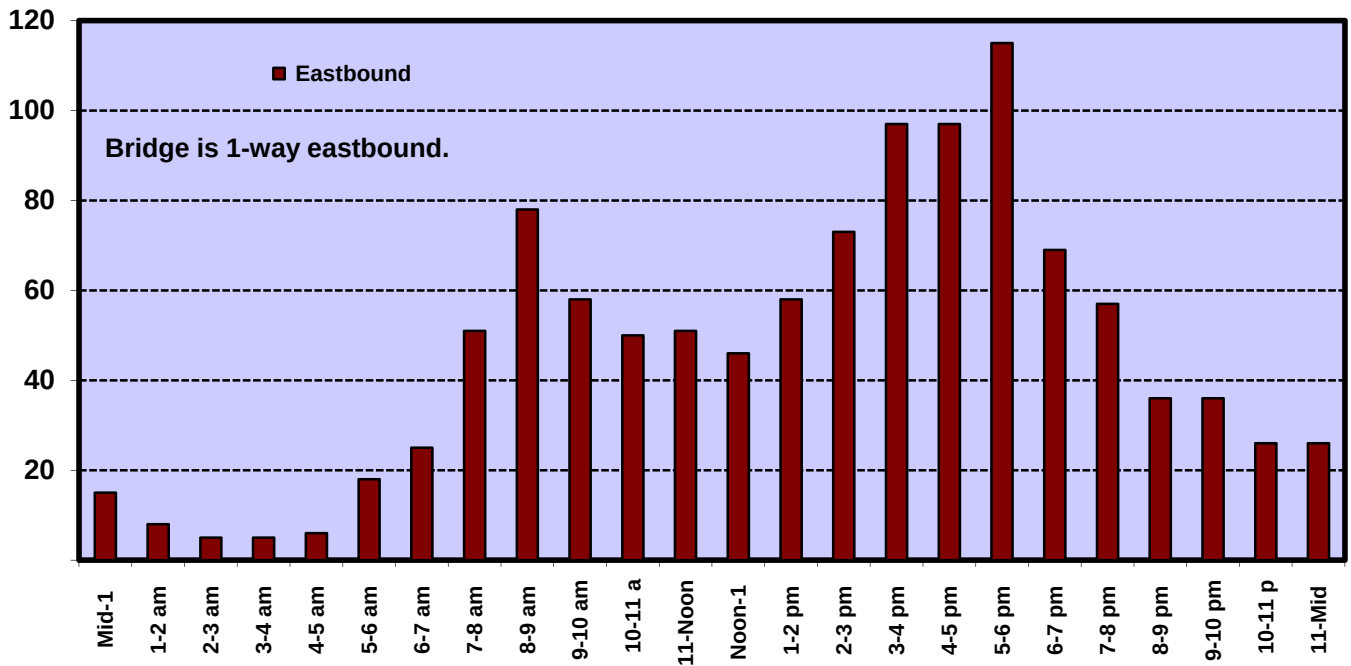
Carroll Street Bridge - 2014

	Eastbound						Westbound							
	Autos	Buses	Commuter		Commercial		Totals	Autos	Buses	Commuter		Commercial		Totals
			Vans	Trucks	Vans					Vans	Trucks	Vans		
12-1am	---	---	---	---	---		15							15
1-2am	---	---	---	---	---		8							8
2-3am	---	---	---	---	---		5							5
3-4am	---	---	---	---	---		5							5
4-5am	---	---	---	---	---		6							6
5-6am	---	---	---	---	---		18							18
6-7am	---	---	---	---	---		25							25
7-8am	18	0	10	13	10		51							51
8-9am	23	3	8	23	21		78							78
9-10am	22	0	6	21	9		58							58
10-11am	24	0	0	15	11		50							50
11-12am	18	0	5	15	13		51							51
12-1pm	9	0	9	13	15		46							46
1-2pm	17	0	8	10	23		58							58
2-3pm	2	0	15	37	19		73							73
3-4pm	79	0	2	9	7		97							97
4-5pm	74	0	3	8	12		97							97
5-6pm	92	0	9	5	9	**	115							115
6-7pm	60	0	4	1	4		69							69
7-8pm	---	---	---	---	---		57							57
8-9pm	---	---	---	---	---		36							36
9-10pm	---	---	---	---	---		36							36
10-11pm	---	---	---	---	---		26							26
11-12pm	---	---	---	---	---		26							26
Totals	---	---	---	---	---		1,106							1,106
Bridge is 1-way eastbound.														
7-10am	63	3	24	57	40		187							187
10am-1pm	51	0	14	43	39		147							147
1-4pm	98	0	25	56	49		228							228
4-7pm	226	0	16	14	25		281							281
7am-7pm	438	3	79	170	153		843							843
6-10am							212							212
3-7pm	305	0	18	23	32		378							378
6am-7pm							868							868
Grand Totals	15													
	8													
	5													
	5													
	6													
	18													
	25													
	51													
	78													
	58													
	50													
	51													
	46													
	58													
	73													
	97													
	97													
	115	**												
	69													
	57													
	36													
	36													
	26													
	26													
	1,106													

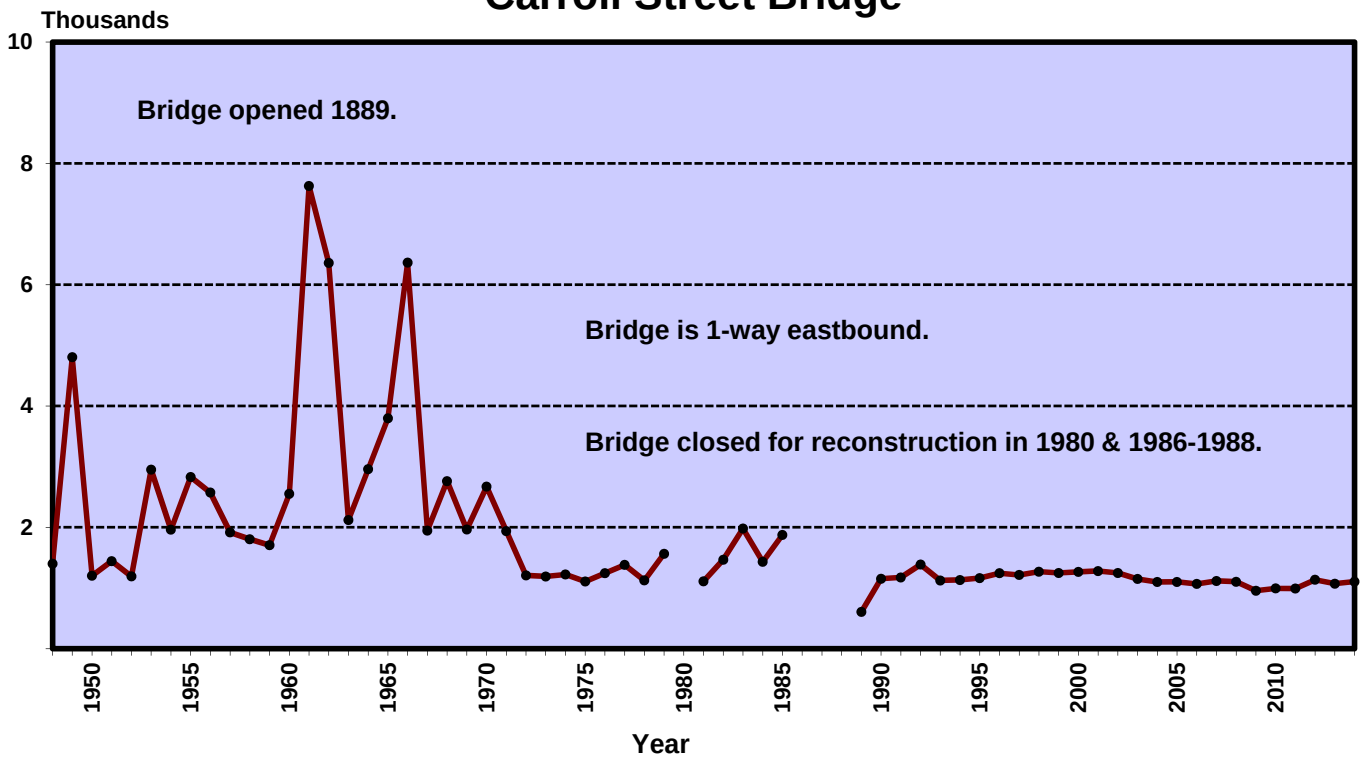
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Carroll Street Bridge ~ 2014



Average Daily Traffic Volumes Carroll Street Bridge



Hourly Vehicular Volumes

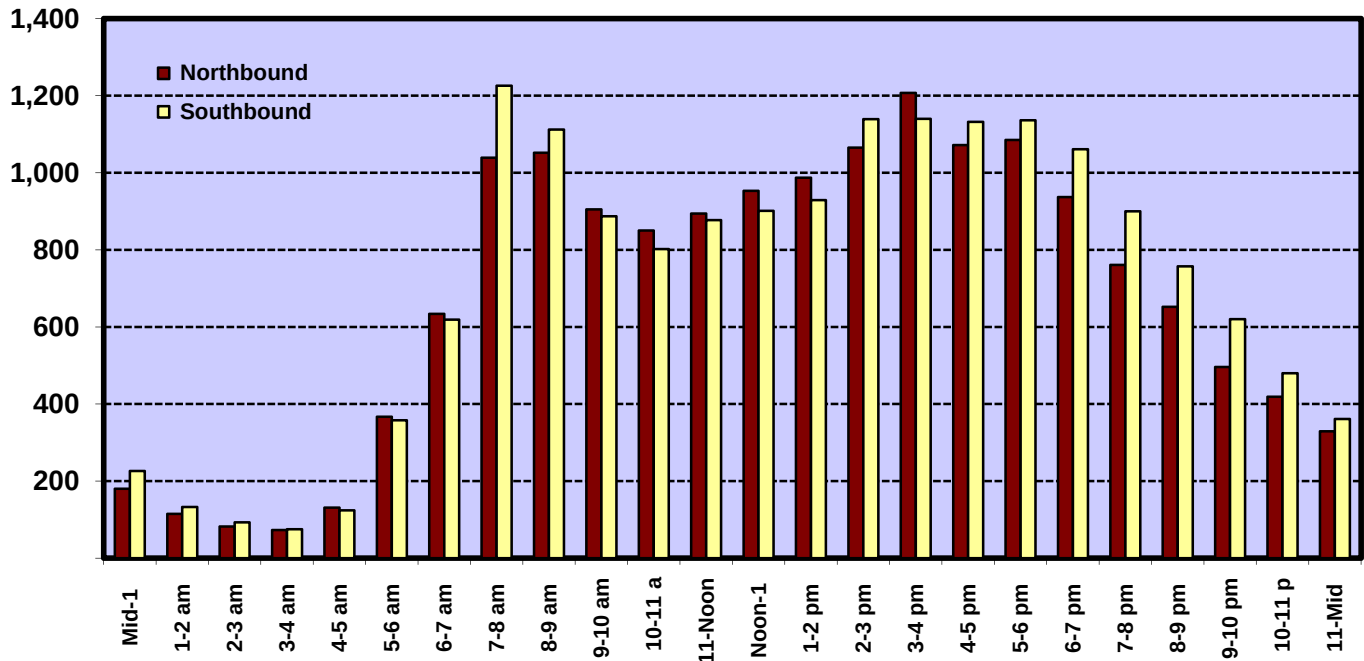
Cropsey Avenue Bridge - 2014

Northbound							Southbound							2-Way Totals
Autos	Buses	Commuter		Commercial		Totals	Autos	Buses	Commuter		Commercial		Totals	
			Vans	Trucks	Vans					Vans	Trucks	Vans		
12-1am	---	---	---	---	---	180	---	---	---	---	---	---	226	
1-2am	---	---	---	---	---	115	---	---	---	---	---	---	133	
2-3am	---	---	---	---	---	82	---	---	---	---	---	---	93	
3-4am	---	---	---	---	---	73	---	---	---	---	---	---	75	
4-5am	---	---	---	---	---	131	---	---	---	---	---	---	124	
5-6am	---	---	---	---	---	367	---	---	---	---	---	---	358	
6-7am	---	---	---	---	---	634	---	---	---	---	---	---	619	
7-8am	837	74	2	44	82	1,039	1,017	109	0	59	41	1,226	**	
8-9am	878	58	3	54	59	1,052	945	76	2	52	37	1,112		
9-10am	723	48	1	48	85	905	686	82	3	49	67	887		
10-11am	745	42	0	26	37	850	710	24	0	32	36	802		
11-12am	741	25	0	68	60	894	698	26	1	73	79	877		
12-1pm	837	45	0	31	40	953	824	29	0	26	22	901		
1-2pm	848	63	0	32	44	987	839	32	1	21	36	929		
2-3pm	841	81	3	64	76	1,065	943	54	0	64	78	1,139		
3-4pm	1,034	97	1	33	42	1,207	981	78	2	25	54	1,140	**	
4-5pm	908	41	0	55	68	1,072	962	54	0	26	90	1,132		
5-6pm	941	12	0	60	72	1,085	962	20	9	45	100	1,136		
6-7pm	837	21	0	34	45	937	968	8	0	15	70	1,061		
7-8pm	---	---	---	---	---	761	---	---	---	---	---	900		
8-9pm	---	---	---	---	---	652	---	---	---	---	---	757		
9-10pm	---	---	---	---	---	496	---	---	---	---	---	620		
10-11pm	---	---	---	---	---	419	---	---	---	---	---	480		
11-12pm	---	---	---	---	---	329	---	---	---	---	---	361		
Totals	---	---	---	---	---	16,285	---	---	---	---	---	---	17,088	
7-10am	2,438	180	6	146	226	2,996	2,648	267	5	160	145	3,225	6,221	
10am-1pm	2,323	112	0	125	137	2,697	2,232	79	1	131	137	2,580	5,277	
1-4pm	2,723	241	4	129	162	3,259	2,763	164	3	110	168	3,208	6,467	
4-7pm	2,686	74	0	149	185	3,094	2,892	82	9	86	260	3,329	6,423	
7am-7pm	10,170	607	10	549	710	12,046	10,535	592	18	487	710	12,342	24,388	
6-10am						3,630						3,844	7,474	
3-7pm	3,720	171	1	182	227	4,301	3,873	160	11	111	314	4,469	8,770	
6am-7pm						12,680						12,961	25,641	

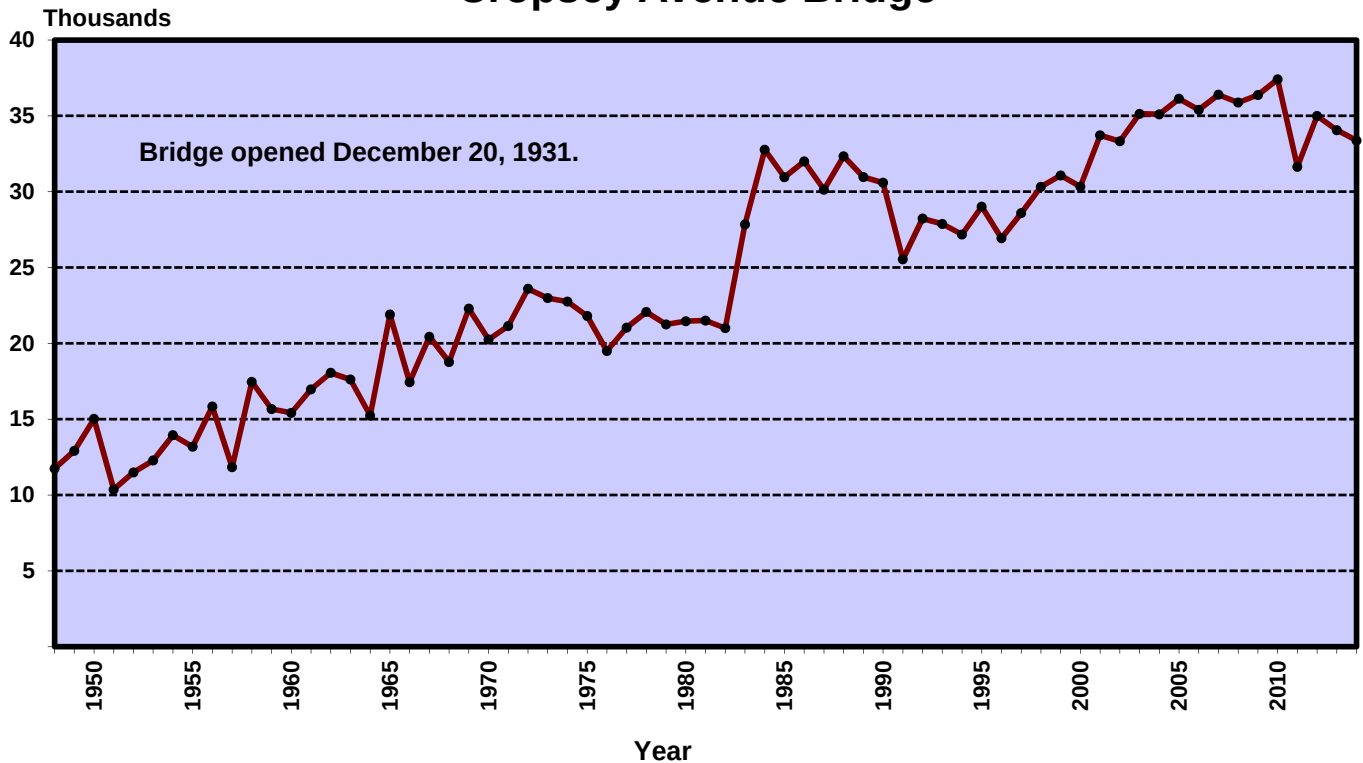
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Cropsey Avenue Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Cropsey Avenue Bridge



Hourly Vehicular Volumes

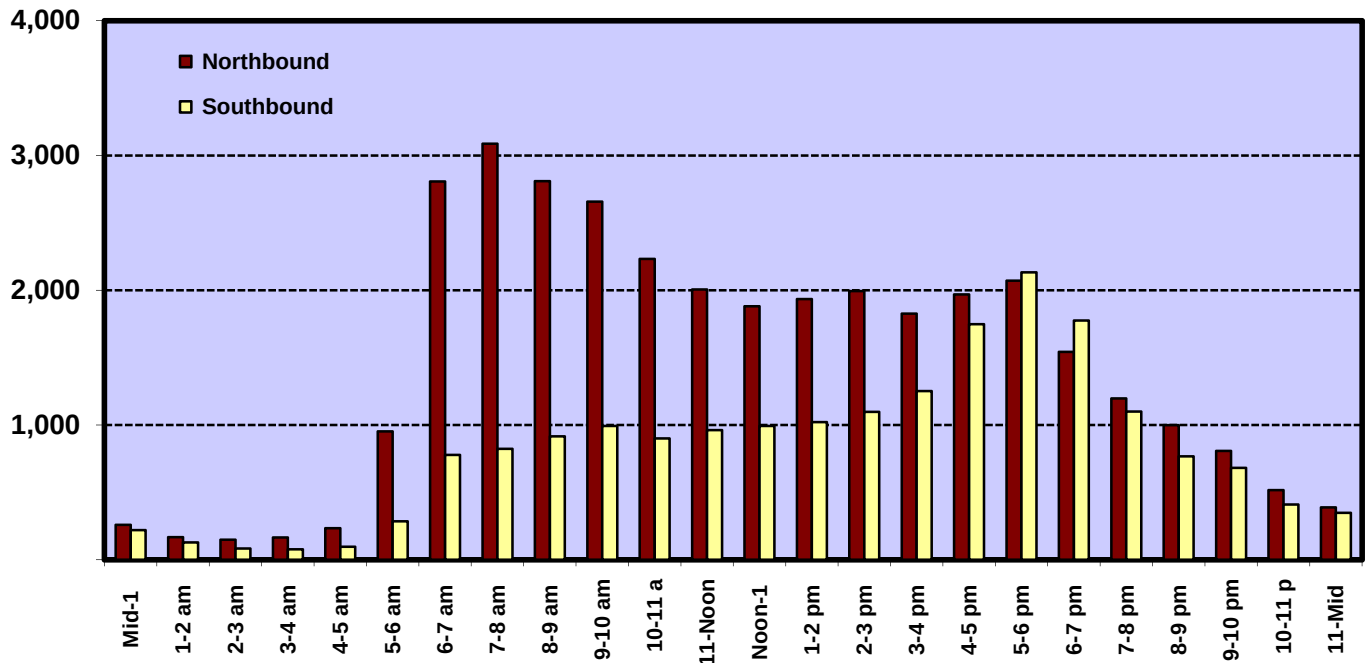
Hamilton Avenue Bridge - 2014

Northbound							Southbound							2-Way Totals
Autos	Buses	Commuter		Commercial		Totals	Autos	Buses	Commuter		Commercial		Totals	
		Vans	Trucks	Vans					Vans	Trucks	Vans			
12-1am	---	---	---	---	---	259	---	---	---	---	---	---	220	
1-2am	---	---	---	---	---	168	---	---	---	---	---	---	129	
2-3am	---	---	---	---	---	149	---	---	---	---	---	---	84	
3-4am	---	---	---	---	---	166	---	---	---	---	---	---	78	
4-5am	---	---	---	---	---	234	---	---	---	---	---	---	97	
5-6am	---	---	---	---	---	953	---	---	---	---	---	---	285	
6-7am	---	---	---	---	---	2,807	---	---	---	---	---	---	778	
7-8am	2,502	36	46	231	272	3,087 **	293	30	122	251	127	823	916	
8-9am	2,213	13	41	247	295	2,809	514	30	49	206	117	916	993	
9-10am	2,046	30	36	273	272	2,657	406	38	70	341	138	901	962	
10-11am	1,912	15	18	148	139	2,232	633	23	37	134	74	962	993	
11-12am	1,542	17	21	216	210	2,006	416	16	97	251	182	993	1,021	
12-1pm	1,696	10	10	88	77	1,881	756	5	49	109	74	1,021	1,098	
1-2pm	1,689	26	10	127	83	1,935	738	11	42	140	90	1,252	1,748	
2-3pm	1,478	52	21	230	213	1,994	465	12	107	275	239	1,776	1,100	
3-4pm	1,547	59	9	113	98	1,826	1,005	13	59	95	80	767	682	
4-5pm	1,569	52	14	162	172	1,969	1,268	11	130	167	172	410	348	
5-6pm	1,711	17	15	180	148	2,071	1,705	9	108	116	195	2,297	1,766	
6-7pm	1,327	6	13	72	125	1,543	1,471	9	104	79	113	1,490	927	
7-8pm	---	---	---	---	---	1,197	---	---	---	---	---	737	54,250	
8-9pm	---	---	---	---	---	999	---	---	---	---	---	11,285	8,975	
9-10pm	---	---	---	---	---	808	---	---	---	---	---	9,126	11,240	
10-11pm	---	---	---	---	---	517	---	---	---	---	---	40,626	14,870	
11-12pm	---	---	---	---	---	389	---	---	---	---	---	14,318	44,211	
Totals	---	---	---	---	---	34,656	---	---	---	---	---	19,594		
7-10am	6,761	79	123	751	839	8,553	1,213	98	241	798	382	2,732		
10am-1pm	5,150	42	49	452	426	6,119	1,805	44	183	494	330	2,856		
1-4pm	4,714	137	40	470	394	5,755	2,208	36	208	510	409	3,371		
4-7pm	4,607	75	42	414	445	5,583	4,444	29	342	362	480	5,657		
7am-7pm	21,232	333	254	2,087	2,104	26,010	9,670	207	974	2,164	1,601	14,616		
6-10am						11,360						3,510		
3-7pm	6,154	134	51	527	543	7,409	5,449	42	401	457	560	6,909		
6am-7pm						28,817						15,394		

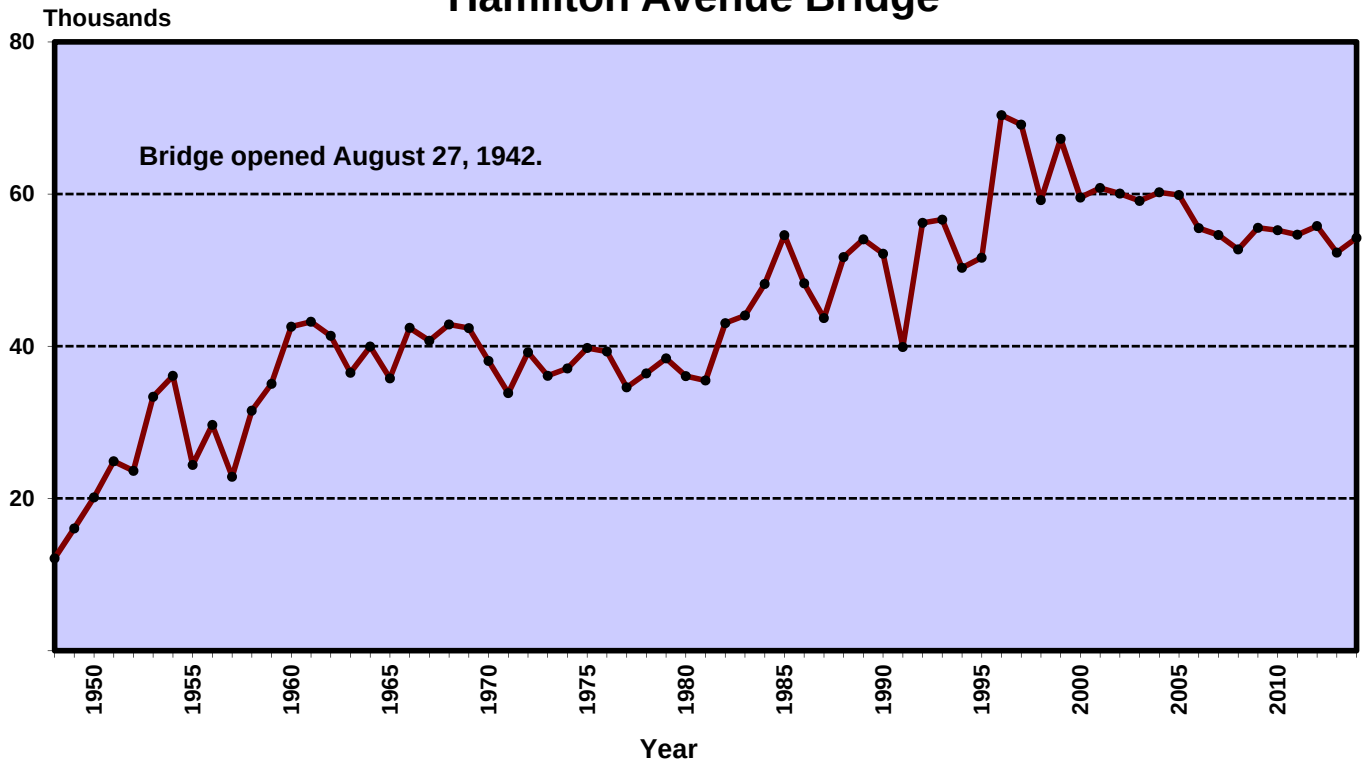
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Hamilton Avenue Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Hamilton Avenue Bridge



Hourly Vehicular Volumes

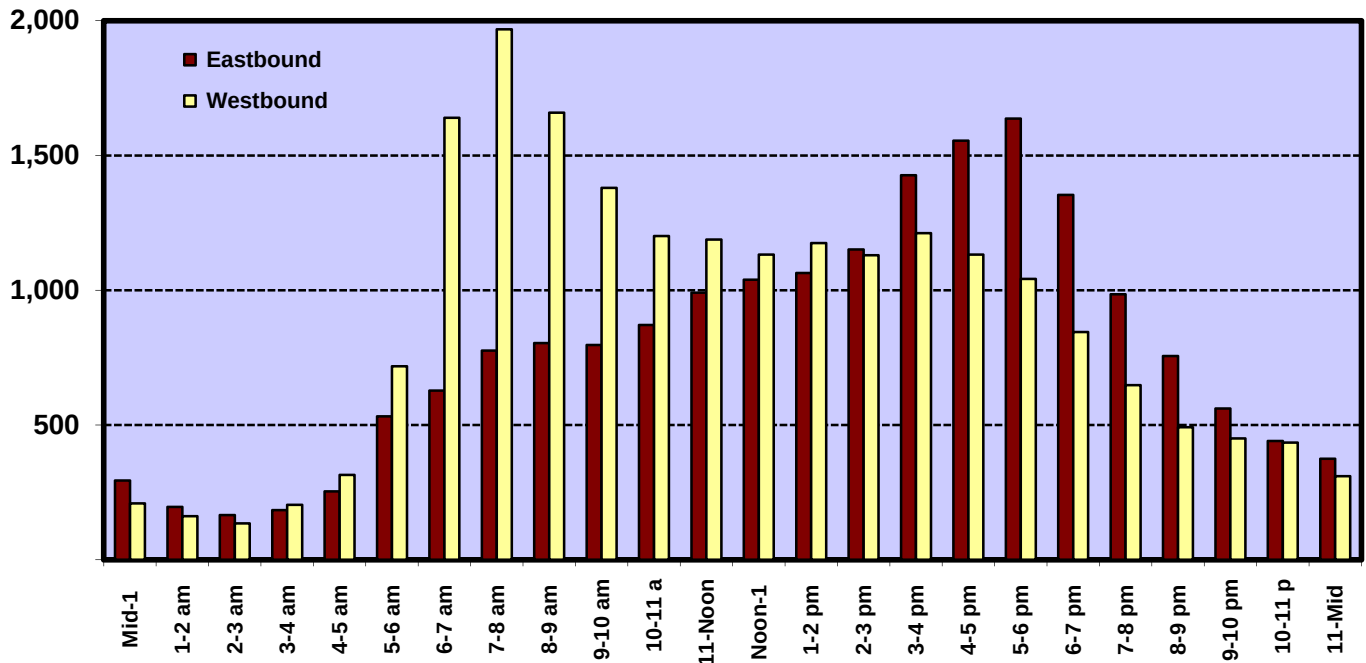
Metropolitan Avenue Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	294	---	---	---	---	---	209
1-2am	---	---	---	---	---	196	---	---	---	---	---	162
2-3am	---	---	---	---	---	166	---	---	---	---	---	135
3-4am	---	---	---	---	---	184	---	---	---	---	---	204
4-5am	---	---	---	---	---	254	---	---	---	---	---	315
5-6am	---	---	---	---	---	532	---	---	---	---	---	718
6-7am	---	---	---	---	---	628	---	---	---	---	---	1,640
7-8am	581	15	15	125	40	776	1,457	41	81	278	111	1,968
8-9am	518	15	21	167	83	804	1,165	18	54	297	125	1,659
9-10am	412	35	21	235	94	797	836	39	45	339	121	1,380
10-11am	714	8	11	100	38	871	995	22	30	115	39	1,201
11-12am	583	17	28	278	85	991	746	20	54	274	94	1,188
12-1pm	855	17	19	113	35	1,039	921	18	29	123	41	1,132
1-2pm	865	29	9	108	53	1,064	978	26	25	101	45	1,175
2-3pm	798	14	32	208	99	1,151	777	19	33	208	93	1,130
3-4pm	1,197	16	31	125	58	1,427	995	24	19	117	57	1,212
4-5pm	1,148	38	64	176	129	1,555	863	15	30	151	73	1,132
5-6pm	1,242	15	78	169	133	1,637	814	10	54	89	75	1,042
6-7pm	1,076	12	58	119	89	1,354	706	12	39	46	42	845
7-8pm	---	---	---	---	---	985	---	---	---	---	---	648
8-9pm	---	---	---	---	---	756	---	---	---	---	---	492
9-10pm	---	---	---	---	---	561	---	---	---	---	---	450
10-11pm	---	---	---	---	---	441	---	---	---	---	---	435
11-12pm	---	---	---	---	---	375	---	---	---	---	---	310
Totals	---	---	---	---	---	18,838	---	---	---	---	---	20,782
7-10am	1,511	65	57	527	217	2,377	3,458	98	180	914	357	5,007
10am-1pm	2,152	42	58	491	158	2,901	2,662	60	113	512	174	3,521
1-4pm	2,860	59	72	441	210	3,642	2,750	69	77	426	195	3,517
4-7pm	3,466	65	200	464	351	4,546	2,383	37	123	286	190	3,019
7am-7pm	9,989	231	387	1,923	936	13,466	11,253	264	493	2,138	916	15,064
6-10am	---	---	---	---	---	3,005	---	---	---	---	---	6,647
3-7pm	4,663	81	231	589	409	5,973	3,378	61	142	403	247	4,231
6am-7pm	---	---	---	---	---	14,094	---	---	---	---	---	16,704
2-Way Totals						503						39,620
						358						7,384
						301						6,422
						388						7,159
						569						7,565
						1,250						28,530
						2,268						9,652
						2,744						10,204
						2,463						30,798
						2,177						
						2,072						
						2,179						
						2,171						
						2,239						
						2,281						
						2,639						
						2,687						
						2,679						
						2,199						
						1,633						
						1,248						
						1,011						
						876						
						685						

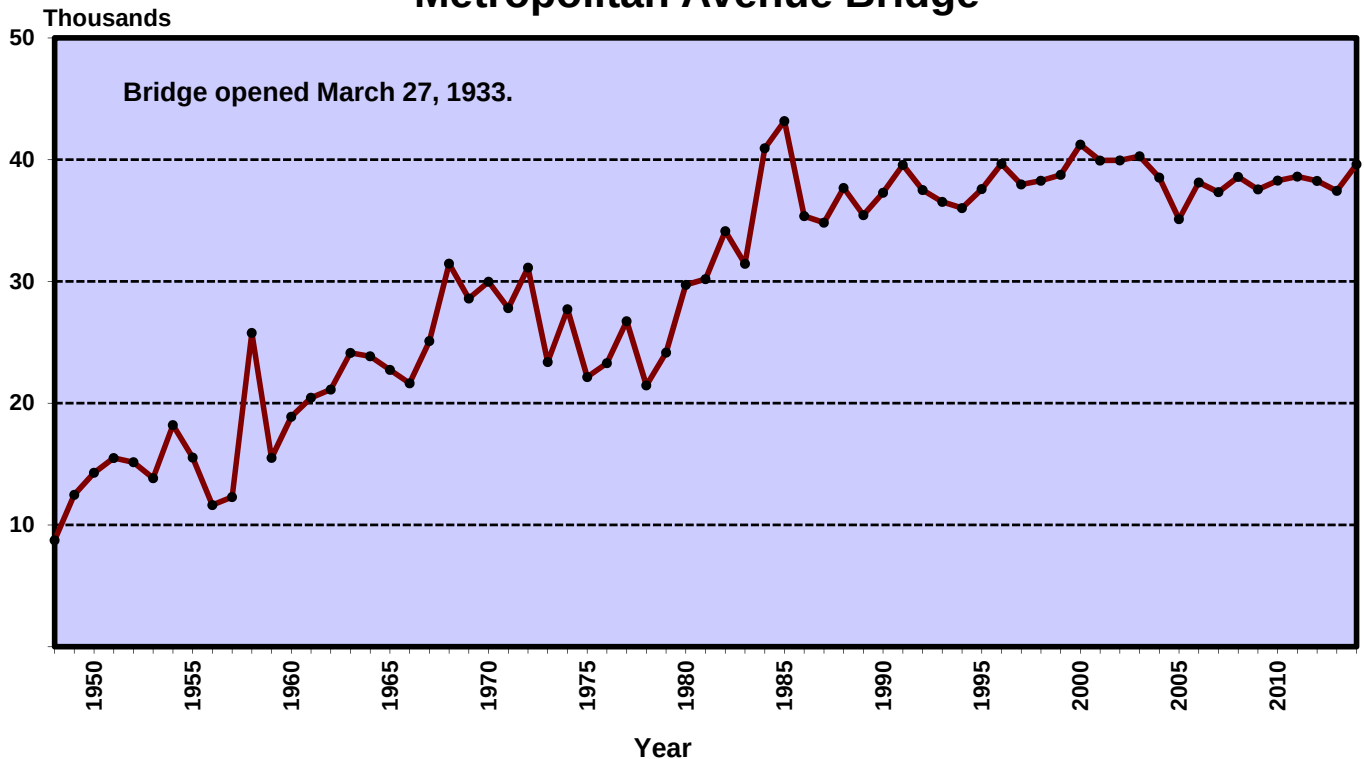
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Metropolitan Avenue Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Metropolitan Avenue Bridge



Hourly Vehicular Volumes

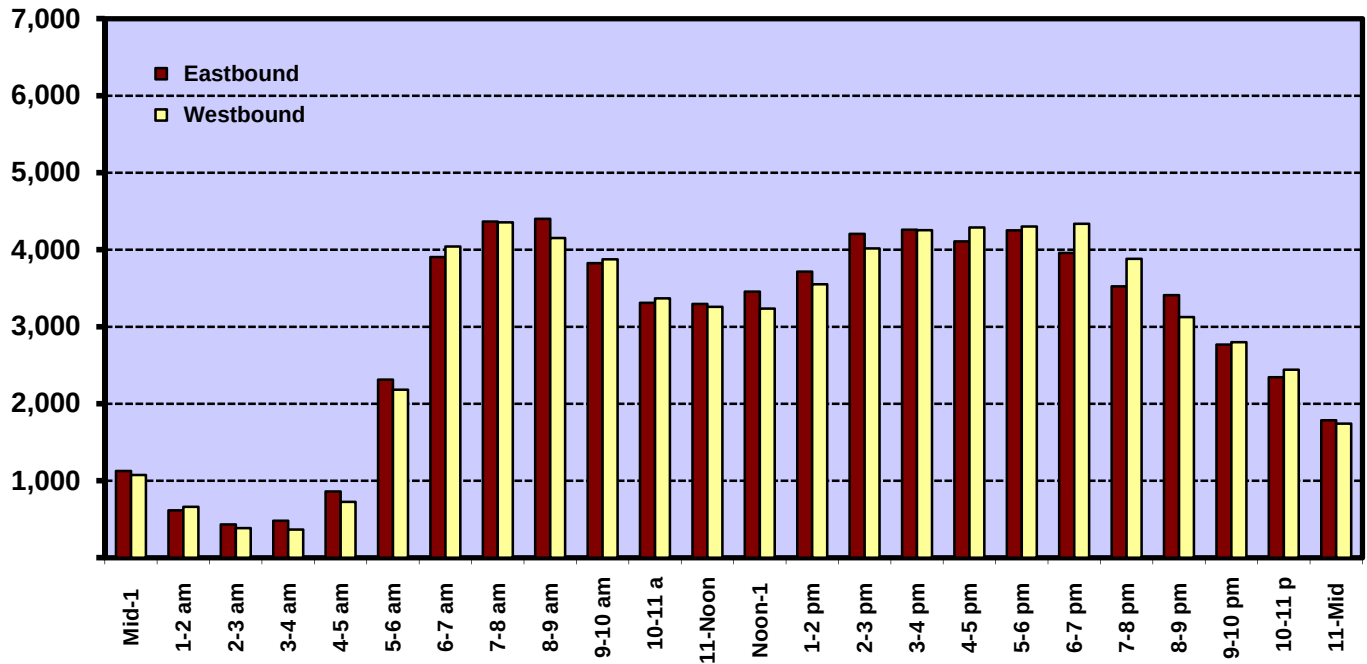
Mill Basin Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	1,127	---	---	---	---	---	1,076
1-2am	---	---	---	---	---	615	---	---	---	---	---	662
2-3am	---	---	---	---	---	433	---	---	---	---	---	385
3-4am	---	---	---	---	---	480	---	---	---	---	---	366
4-5am	---	---	---	---	---	860	---	---	---	---	---	726
5-6am	---	---	---	---	---	2,314	---	---	---	---	---	2,183
6-7am	---	---	---	---	---	3,905	---	---	---	---	---	4,041
7-8am	4,063	57	21	5	221	4,367	4,055	19	0	127	154	4,355
8-9am	4,163	17	15	16	190	4,401	3,800	49	0	110	194	4,153
9-10am	3,524	9	17	24	252	3,826	3,518	69	1	107	181	3,876
10-11am	3,192	8	11	13	87	3,311	3,259	16	0	35	59	3,369
11-12am	2,915	4	64	30	283	3,296	2,944	0	4	156	155	3,255
12-1pm	3,301	5	20	15	115	3,456	3,047	0	0	71	117	3,235
1-2pm	3,477	96	14	12	116	3,715	3,424	10	0	38	79	3,551
2-3pm	3,813	40	26	16	312	4,207	3,721	7	0	114	174	4,016
3-4pm	4,069	24	15	6	146	4,260	3,995	72	0	78	109	4,254
4-5pm	3,823	12	37	7	229	4,108	3,940	39	2	123	186	4,290
5-6pm	4,020	6	17	14	195	4,252	3,981	30	3	128	159	4,301
6-7pm	3,743	4	15	5	191	3,958	4,068	3	1	108	157	4,337
7-8pm	---	---	---	---	---	3,525	---	---	---	---	---	3,881
8-9pm	---	---	---	---	---	3,410	---	---	---	---	---	3,126
9-10pm	---	---	---	---	---	2,769	---	---	---	---	---	2,799
10-11pm	---	---	---	---	---	2,344	---	---	---	---	---	2,442
11-12pm	---	---	---	---	---	1,785	---	---	---	---	---	1,743
Totals	---	---	---	---	---	70,724	---	---	---	---	---	70,426
7-10am	11,750	83	53	45	663	12,594	11,373	137	1	344	529	12,384
10am-1pm	9,408	17	95	58	485	10,063	9,250	16	4	262	331	9,863
1-4pm	11,359	160	55	34	574	12,182	11,140	89	0	230	362	11,821
4-7pm	11,586	22	69	26	615	12,318	11,989	72	6	359	502	12,928
7am-7pm	44,103	282	272	163	2,337	47,157	43,752	314	11	1,195	1,724	46,996
6-10am	---	---	---	---	---	16,499	---	---	---	---	---	16,425
3-7pm	15,655	46	84	32	761	16,578	15,984	144	6	437	611	17,182
6am-7pm	---	---	---	---	---	51,062	---	---	---	---	---	51,037
											</	

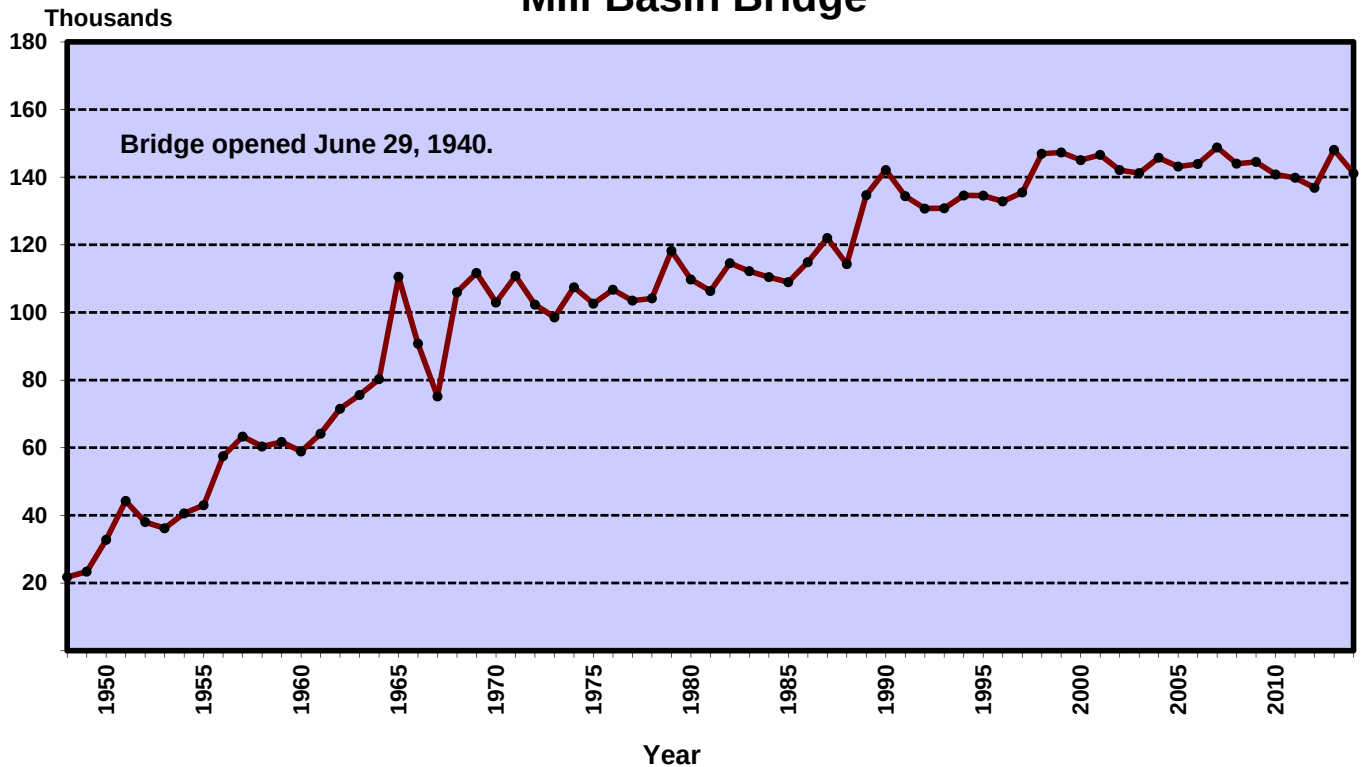
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Mill Basin Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Mill Basin Bridge



Hourly Vehicular Volumes

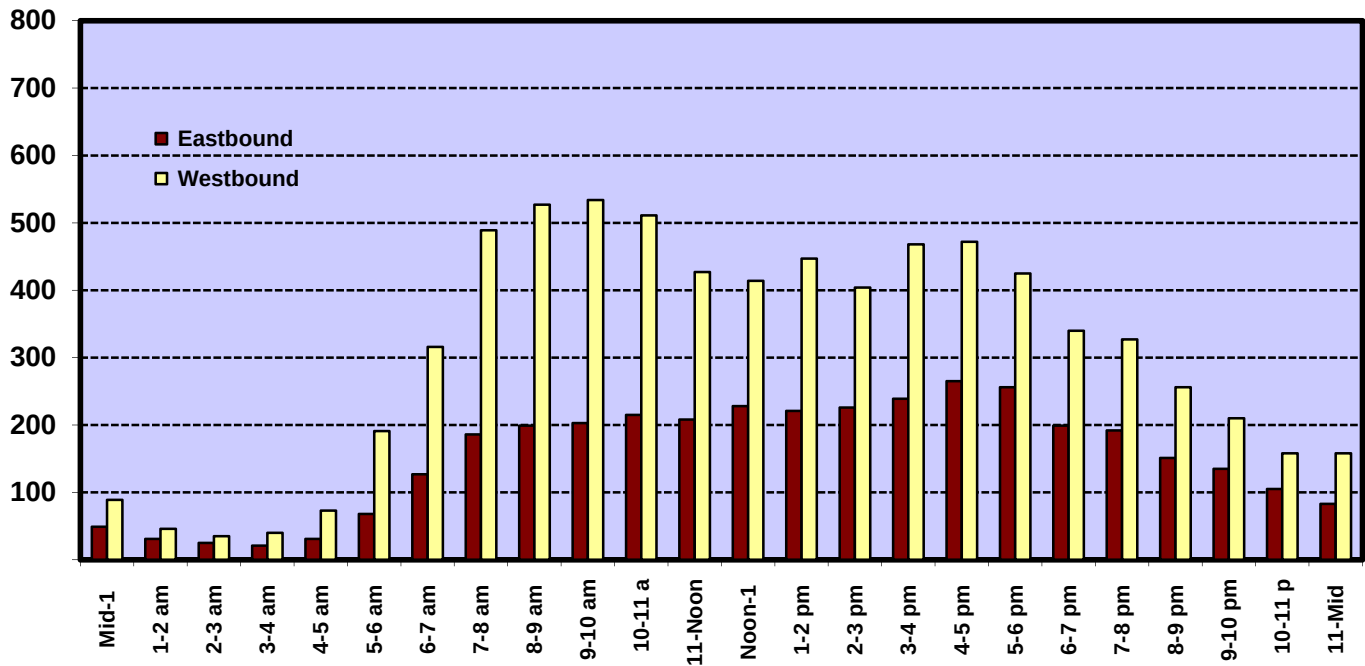
Ninth Street Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	49	---	---	---	---	---	89
1-2am	---	---	---	---	---	31	---	---	---	---	---	46
2-3am	---	---	---	---	---	25	---	---	---	---	---	35
3-4am	---	---	---	---	---	21	---	---	---	---	---	40
4-5am	---	---	---	---	---	31	---	---	---	---	---	73
5-6am	---	---	---	---	---	68	---	---	---	---	---	191
6-7am	---	---	---	---	---	127	---	---	---	---	---	316
7-8am	135	19	5	16	11	186	396	10	0	45	38	489
8-9am	124	17	7	39	12	199	440	5	0	46	36	527
9-10am	129	15	3	38	18	203	448	11	0	46	29	534 **
10-11am	168	16	3	18	10	215	461	11	0	21	18	511
11-12am	138	13	9	39	9	208	268	29	0	89	41	427
12-1pm	175	11	10	22	10	228	272	29	0	76	37	414
1-2pm	106	13	14	74	14	221	338	8	45	28	28	447
2-3pm	139	15	10	45	17	226	312	18	15	34	25	404
3-4pm	193	12	2	19	13	239	391	23	0	34	20	468
4-5pm	200	11	5	29	20	265 **	363	16	0	57	36	472
5-6pm	197	17	1	30	11	256	360	24	0	24	17	425
6-7pm	136	13	1	35	14	199	307	10	0	14	9	340
7-8pm	---	---	---	---	---	192	---	---	---	---	---	327
8-9pm	---	---	---	---	---	151	---	---	---	---	---	256
9-10pm	---	---	---	---	---	135	---	---	---	---	---	210
10-11pm	---	---	---	---	---	105	---	---	---	---	---	158
11-12pm	---	---	---	---	---	83	---	---	---	---	---	158
Totals	---	---	---	---	---	3,663	---	---	---	---	---	7,357
7-10am	388	51	15	93	41	588	1,284	26	0	137	103	1,550
10am-1pm	481	40	22	79	29	651	1,001	69	0	186	96	1,352
1-4pm	438	40	26	138	44	686	1,041	49	60	96	73	1,319
4-7pm	533	41	7	94	45	720	1,030	50	0	95	62	1,237
7am-7pm	1,840	172	70	404	159	2,645	4,356	194	60	514	334	5,458
6-10am						715						1,866
3-7pm	726	53	9	113	58	959	1,421	73	0	129	82	1,705
6am-7pm						2,772						5,774
												8,546

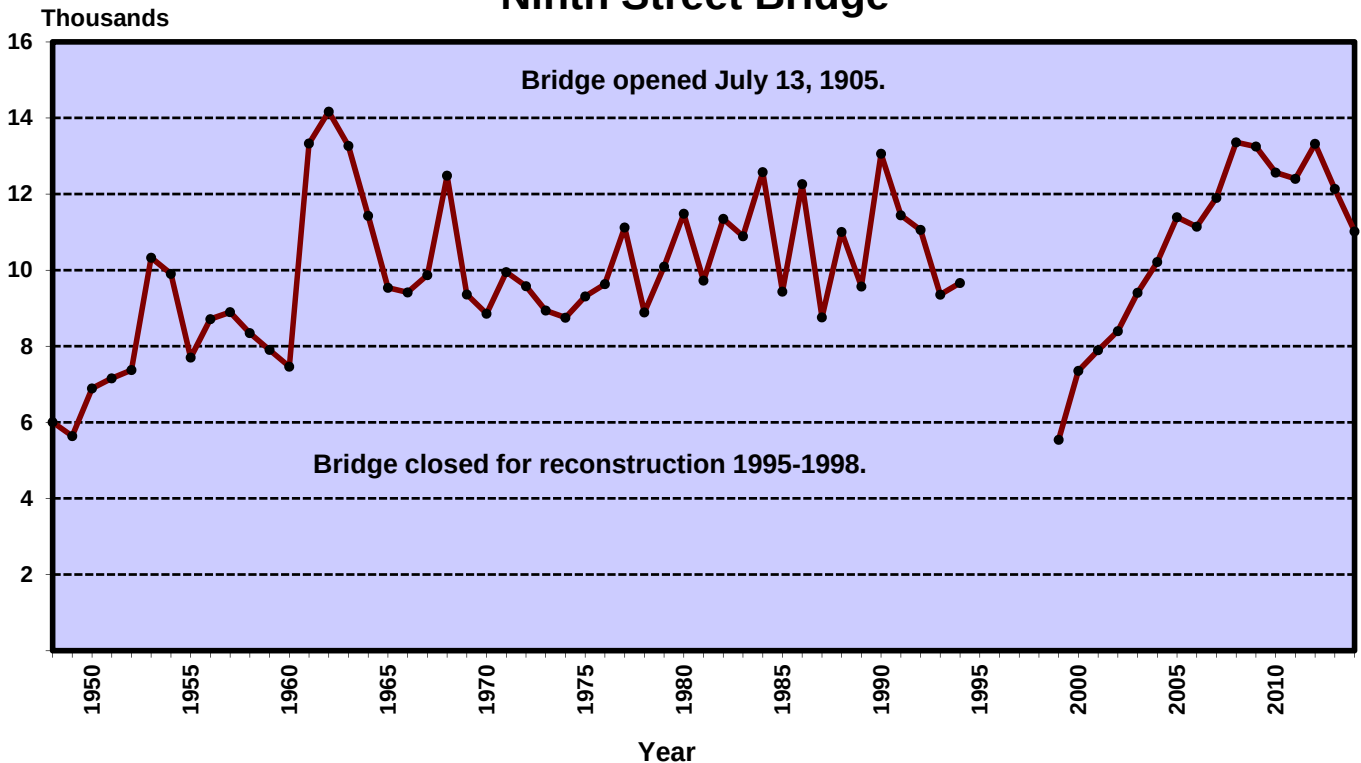
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Ninth Street Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Ninth Street Bridge



Hourly Vehicular Volumes

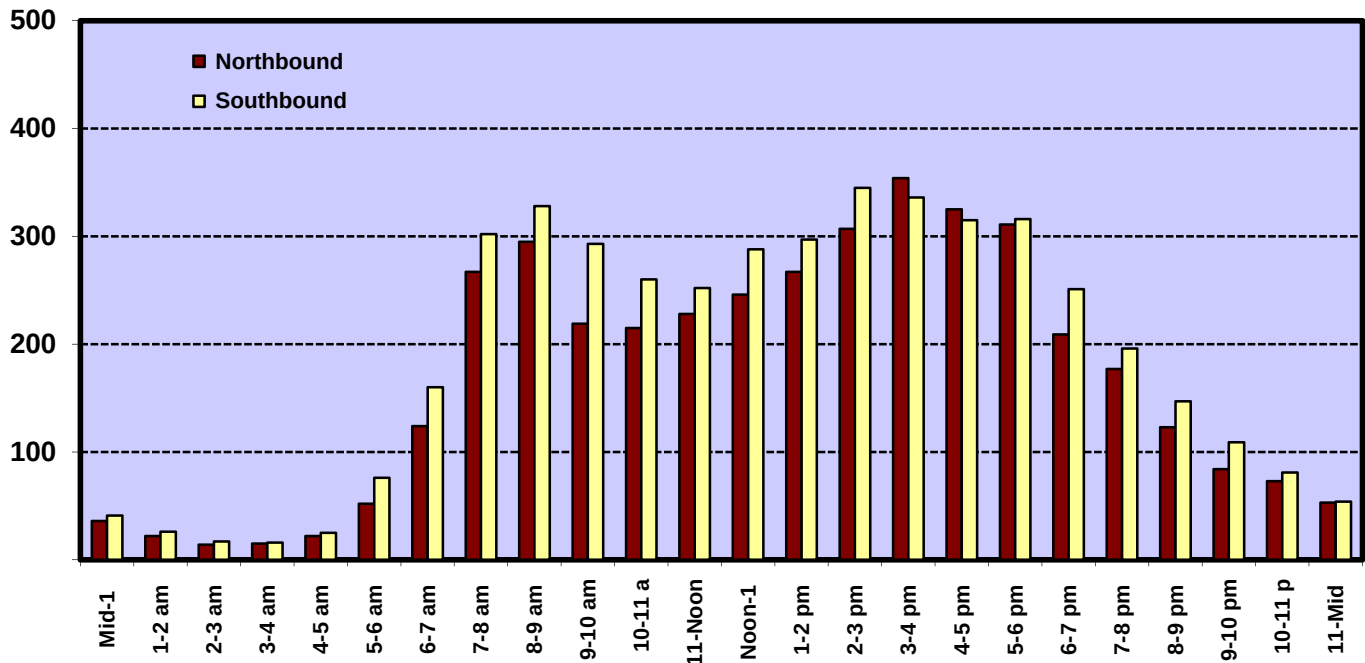
Stillwell Avenue Bridge - 2014

	Northbound					Totals	Southbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	36	---	---	---	---	---	41
1-2am	---	---	---	---	---	22	---	---	---	---	---	26
2-3am	---	---	---	---	---	14	---	---	---	---	---	17
3-4am	---	---	---	---	---	15	---	---	---	---	---	16
4-5am	---	---	---	---	---	22	---	---	---	---	---	25
5-6am	---	---	---	---	---	52	---	---	---	---	---	76
6-7am	---	---	---	---	---	124	---	---	---	---	---	160
7-8am	212	20	0	35	0	267	234	51	0	17	0	302
8-9am	224	30	0	41	0	295	272	35	0	21	0	328
9-10am	164	25	0	30	0	219	191	18	0	84	0	293
10-11am	153	24	0	38	0	215	188	20	0	52	0	260
11-12am	172	9	0	47	0	228	201	13	0	38	0	252
12-1pm	172	11	0	63	0	246	231	17	0	40	0	288
1-2pm	180	20	0	67	0	267	217	18	0	62	0	297
2-3pm	220	26	0	61	0	307	225	26	0	94	0	345
3-4pm	274	37	0	43	0	354	273	18	0	45	0	336
4-5pm	251	34	0	40	0	325	255	19	0	41	0	315
5-6pm	271	21	0	19	0	311	269	17	0	30	0	316
6-7pm	181	19	0	9	0	209	221	20	0	10	0	251
7-8pm	---	---	---	---	---	177	---	---	---	---	---	196
8-9pm	---	---	---	---	---	123	---	---	---	---	---	147
9-10pm	---	---	---	---	---	84	---	---	---	---	---	109
10-11pm	---	---	---	---	---	73	---	---	---	---	---	81
11-12pm	---	---	---	---	---	53	---	---	---	---	---	54
Totals	---	---	---	---	---	4,038	---	---	---	---	---	4,531
7-10am	600	75	0	106	0	781	697	104	0	122	0	923
10am-1pm	497	44	0	148	0	689	620	50	0	130	0	800
1-4pm	674	83	0	171	0	928	715	62	0	201	0	978
4-7pm	703	74	0	68	0	845	745	56	0	81	0	882
7am-7pm	2,474	276	0	493	0	3,243	2,777	272	0	534	0	3,583
6-10am												
3-7pm	977	111	0	111	0	905	1,018	74	0	126	0	1,083
6am-7pm												
						1,199						1,218
						3,367						3,743

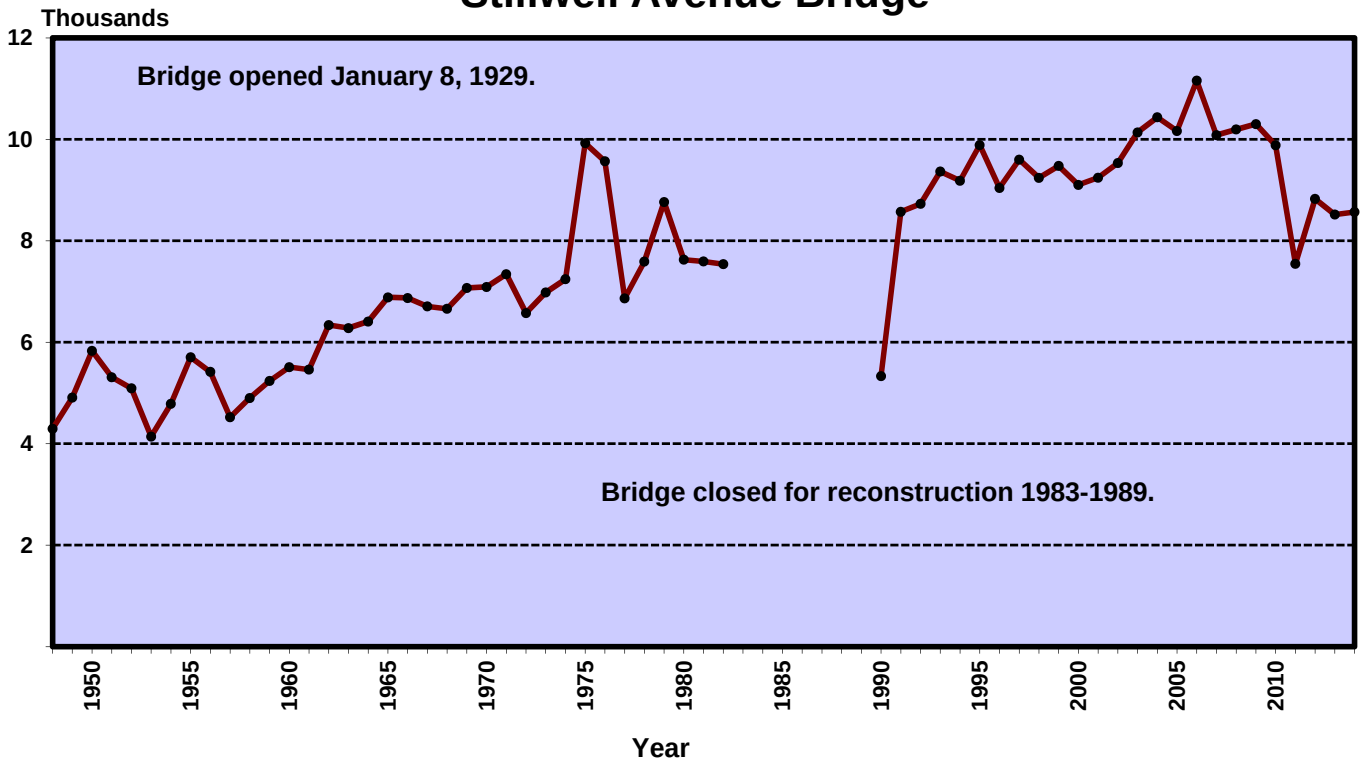
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Stillwell Avenue Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Stillwell Avenue Bridge



Hourly Vehicular Volumes

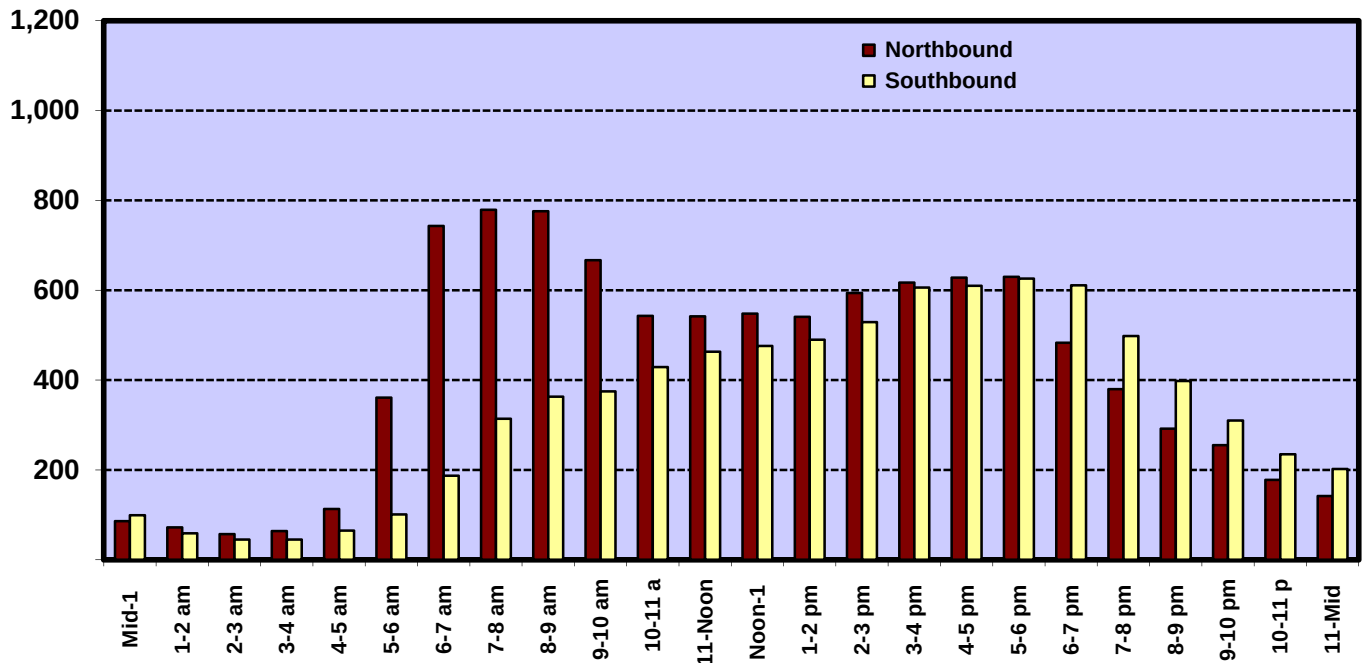
Third Avenue Bridge - 2014

	Northbound					Totals	Southbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	86	---	---	---	---	---	99
1-2am	---	---	---	---	---	72	---	---	---	---	---	59
2-3am	---	---	---	---	---	57	---	---	---	---	---	45
3-4am	---	---	---	---	---	64	---	---	---	---	---	45
4-5am	---	---	---	---	---	113	---	---	---	---	---	65
5-6am	---	---	---	---	---	361	---	---	---	---	---	101
6-7am	---	---	---	---	---	743	---	---	---	---	---	187
7-8am	616	12	0	87	64	779 **	233	6	0	42	33	314
8-9am	644	8	0	66	58	776	263	10	0	59	31	363
9-10am	422	8	0	141	96	667	263	7	2	62	41	375
10-11am	470	9	0	34	30	543	360	5	1	36	27	429
11-12am	396	8	1	85	52	542	347	5	0	66	45	463
12-1pm	493	3	0	30	22	548	421	3	1	27	24	476
1-2pm	427	9	0	61	44	541	424	5	0	33	28	490
2-3pm	385	17	0	111	81	594	386	6	0	86	51	529
3-4pm	511	14	0	49	43	617	551	5	0	22	28	606
4-5pm	489	9	0	63	67	628	494	6	0	51	59	610
5-6pm	550	7	0	29	44	630	542	3	0	35	46	626 **
6-7pm	417	10	0	33	23	483	519	5	0	37	50	611
7-8pm	---	---	---	---	---	380	---	---	---	---	---	498
8-9pm	---	---	---	---	---	292	---	---	---	---	---	398
9-10pm	---	---	---	---	---	255	---	---	---	---	---	310
10-11pm	---	---	---	---	---	178	---	---	---	---	---	235
11-12pm	---	---	---	---	---	142	---	---	---	---	---	202
Totals	---	---	---	---	---	10,091	---	---	---	---	---	8,136
7-10am	1,682	28	0	294	218	2,222	759	23	2	163	105	1,052
10am-1pm	1,359	20	1	149	104	1,633	1,128	13	2	129	96	1,368
1-4pm	1,323	40	0	221	168	1,752	1,361	16	0	141	107	1,625
4-7pm	1,456	26	0	125	134	1,741	1,555	14	0	123	155	1,847
7am-7pm	5,820	114	1	789	624	7,348	4,803	66	4	556	463	5,892
6-10am						2,965						1,239
3-7pm	1,967	40	0	174	177	2,358	2,106	19	0	145	183	2,453
6am-7pm						8,091						6,079
												14,170

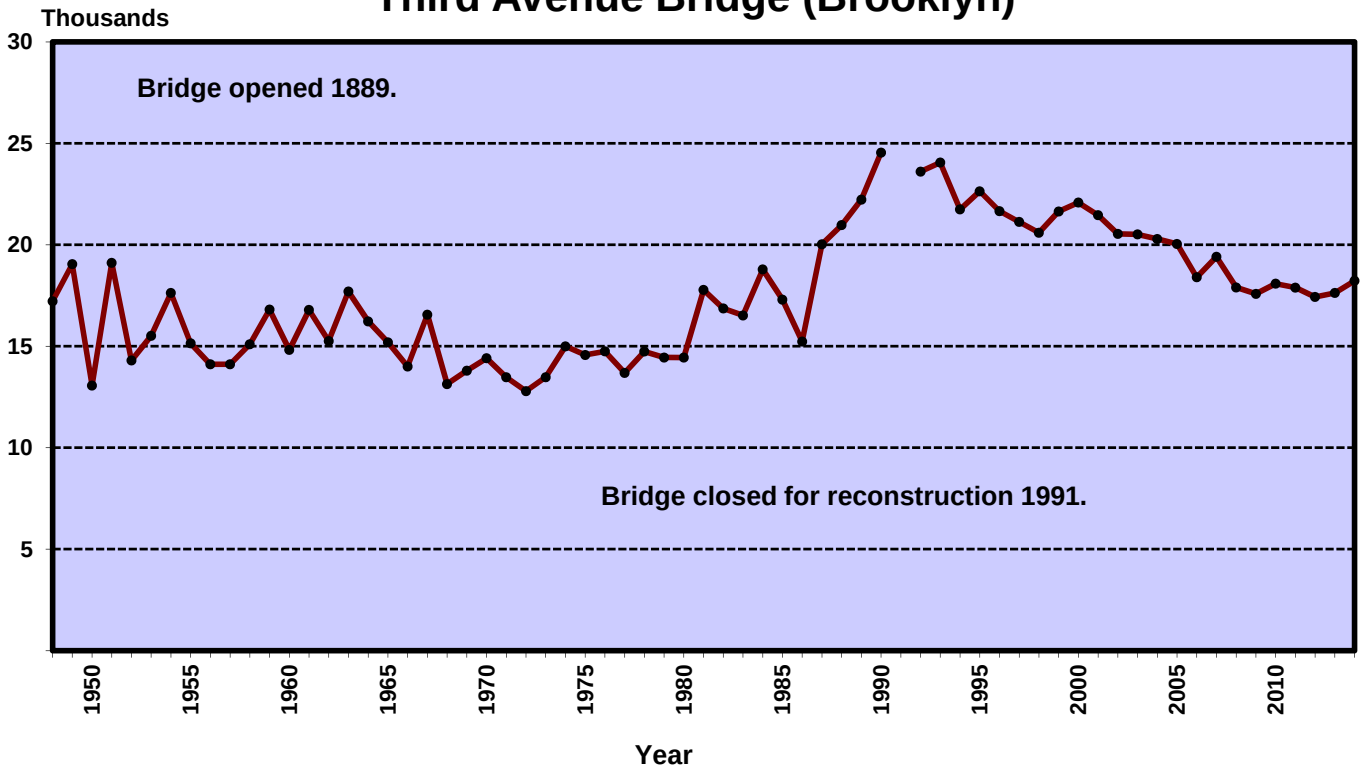
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Third Avenue Bridge (Brooklyn) ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Third Avenue Bridge (Brooklyn)



Hourly Vehicular Volumes

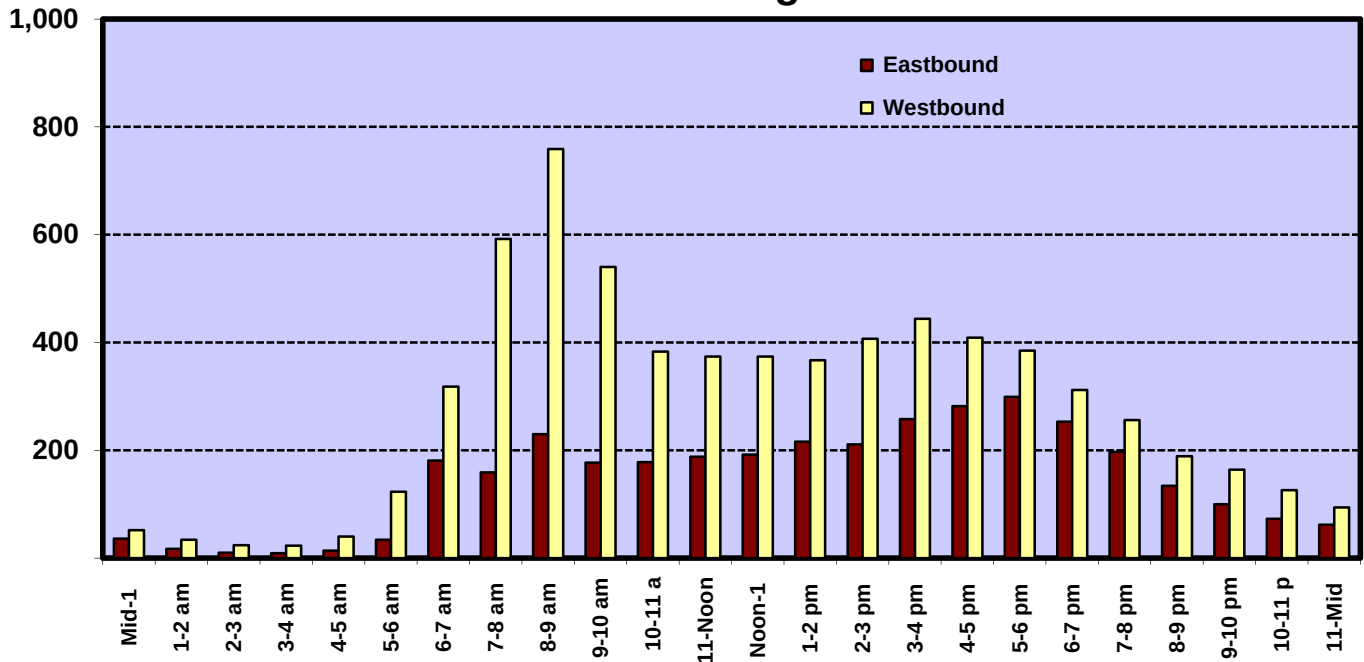
Third Street Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	36	---	---	---	---	---	52
1-2am	---	---	---	---	---	17	---	---	---	---	---	34
2-3am	---	---	---	---	---	10	---	---	---	---	---	24
3-4am	---	---	---	---	---	9	---	---	---	---	---	23
4-5am	---	---	---	---	---	14	---	---	---	---	---	40
5-6am	---	---	---	---	---	34	---	---	---	---	---	123
6-7am	---	---	---	---	---	181	---	---	---	---	---	318
7-8am	125	5	0	16	13	159	504	12	5	30	41	592
8-9am	198	0	0	18	14	230	658	8	4	35	54	759
9-10am	135	0	0	18	24	177	450	1	1	41	47	540
10-11am	164	0	0	7	7	178	330	0	0	27	26	383
11-12am	152	0	2	25	9	188	245	3	2	66	58	374
12-1pm	174	0	0	8	10	192	325	4	0	28	17	374
1-2pm	208	0	0	0	8	216	296	12	14	24	21	367
2-3pm	190	0	0	13	8	211	273	8	41	62	23	407
3-4pm	237	9	0	9	3	258	372	13	20	26	13	444
4-5pm	255	0	0	9	18	282	321	4	24	44	16	409
5-6pm	265	0	0	12	22	299	329	4	18	34	0	385
6-7pm	244	0	0	7	2	253	259	4	27	20	2	312
7-8pm	---	---	---	---	---	197	---	---	---	---	---	256
8-9pm	---	---	---	---	---	134	---	---	---	---	---	189
9-10pm	---	---	---	---	---	100	---	---	---	---	---	164
10-11pm	---	---	---	---	---	73	---	---	---	---	---	126
11-12pm	---	---	---	---	---	62	---	---	---	---	---	94
Totals	---	---	---	---	---	3,510	---	---	---	---	---	6,789
7-10am	458	5	0	52	51	566	1,612	21	10	106	142	1,891
10am-1pm	490	0	2	40	26	558	900	7	2	121	101	1,131
1-4pm	635	9	0	22	19	685	941	33	75	112	57	1,218
4-7pm	764	0	0	28	42	834	909	12	69	98	18	1,106
7am-7pm	2,347	14	2	142	138	2,643	4,362	73	156	437	318	5,346
6-10am						747						2,209
3-7pm	1,001	9	0	37	45	1,092	1,281	25	89	124	31	1,550
6am-7pm						2,824						5,664
												8,488

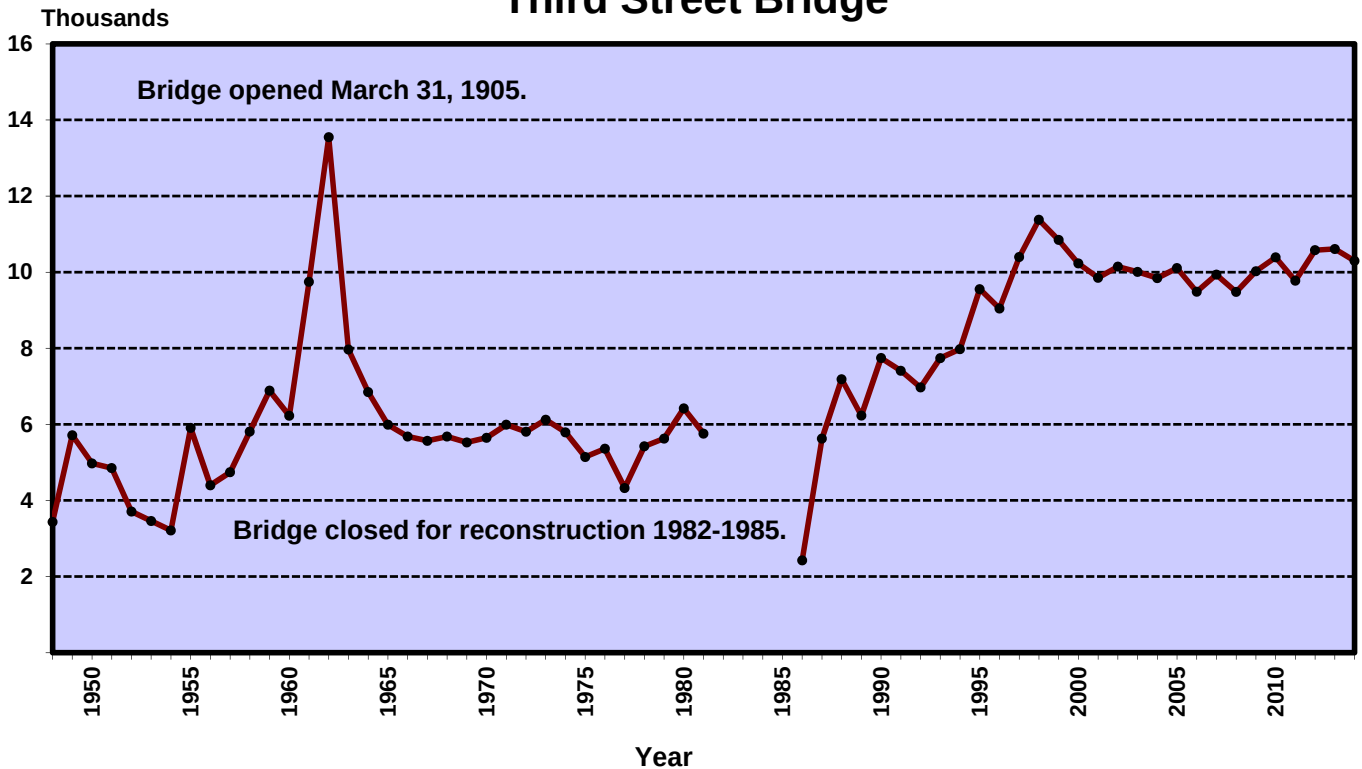
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Third Street Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Third Street Bridge



Hourly Vehicular Volumes

Union Street Bridge - 2014

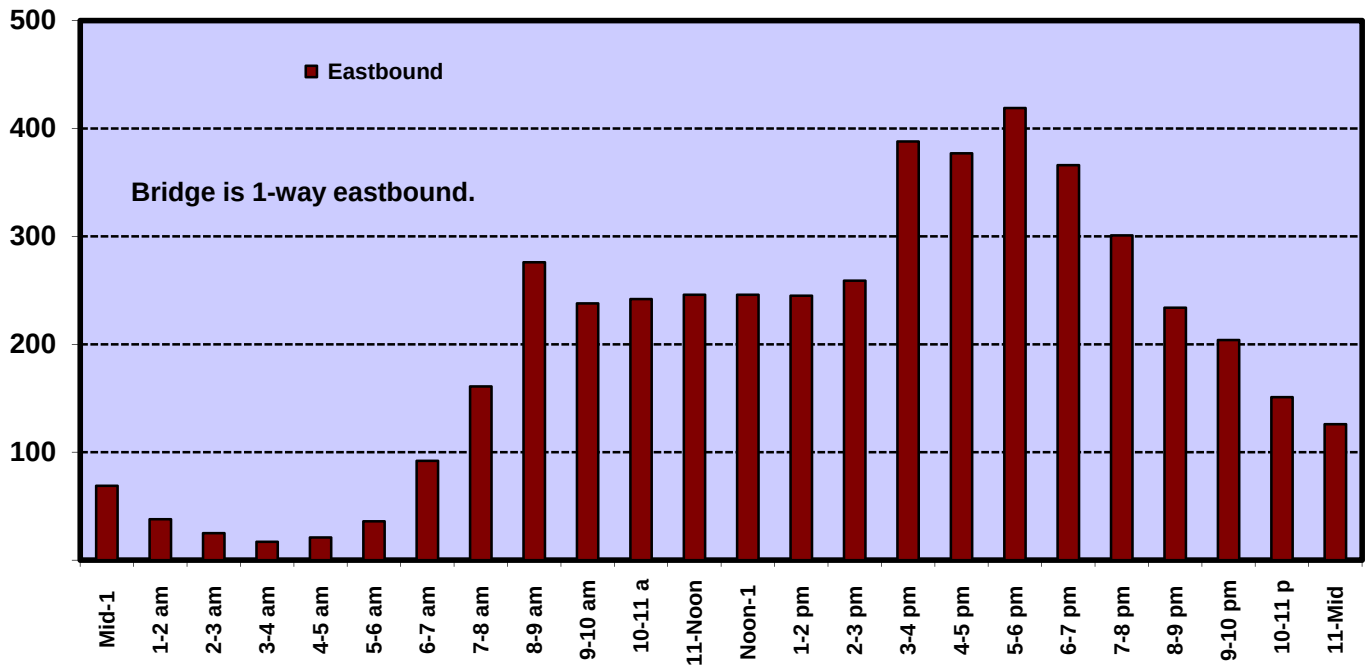
	Eastbound					Totals	Westbound					Grand Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	69						69
1-2am	---	---	---	---	---	38						38
2-3am	---	---	---	---	---	25						25
3-4am	---	---	---	---	---	17						17
4-5am	---	---	---	---	---	21						21
5-6am	---	---	---	---	---	36						36
6-7am	---	---	---	---	---	92						92
7-8am	128	7	0	13	13	161						161
8-9am	211	10	0	29	26	276						276
9-10am	178	4	0	19	37	238						238
10-11am	218	5	0	8	11	242						242
11-12am	198	2	0	22	24	246						246
12-1pm	215	1	0	10	20	246						246
1-2pm	214	5	0	13	13	245						245
2-3pm	194	4	0	35	26	259						259
3-4pm	354	3	0	17	14	388						388
4-5pm	327	2	0	21	27	377						377
5-6pm	389	1	0	8	21	419 **						419 **
6-7pm	324	1	0	17	24	366						366
7-8pm	---	---	---	---	---	301						301
8-9pm	---	---	---	---	---	234						234
9-10pm	---	---	---	---	---	204						204
10-11pm	---	---	---	---	---	151						151
11-12pm	---	---	---	---	---	126						126
Totals	---	---	---	---	---	4,777	---	---	---	---	---	4,777
7-10am	517	21	0	61	76	675	---	---	---	---	---	675
10am-1pm	631	8	0	40	55	734	---	---	---	---	---	734
1-4pm	762	12	0	65	53	892	---	---	---	---	---	892
4-7pm	1,040	4	0	46	72	1,162	---	---	---	---	---	1,162
7am-7pm	2,950	45	0	212	256	3,463	---	---	---	---	---	3,463
6-10am						767						767
3-7pm	1,394	7	0	63	86	1,550	---	---	---	---	---	1,550
6am-7pm						3,555	---	---	---	---	---	3,555

Bridge is 1-way eastbound

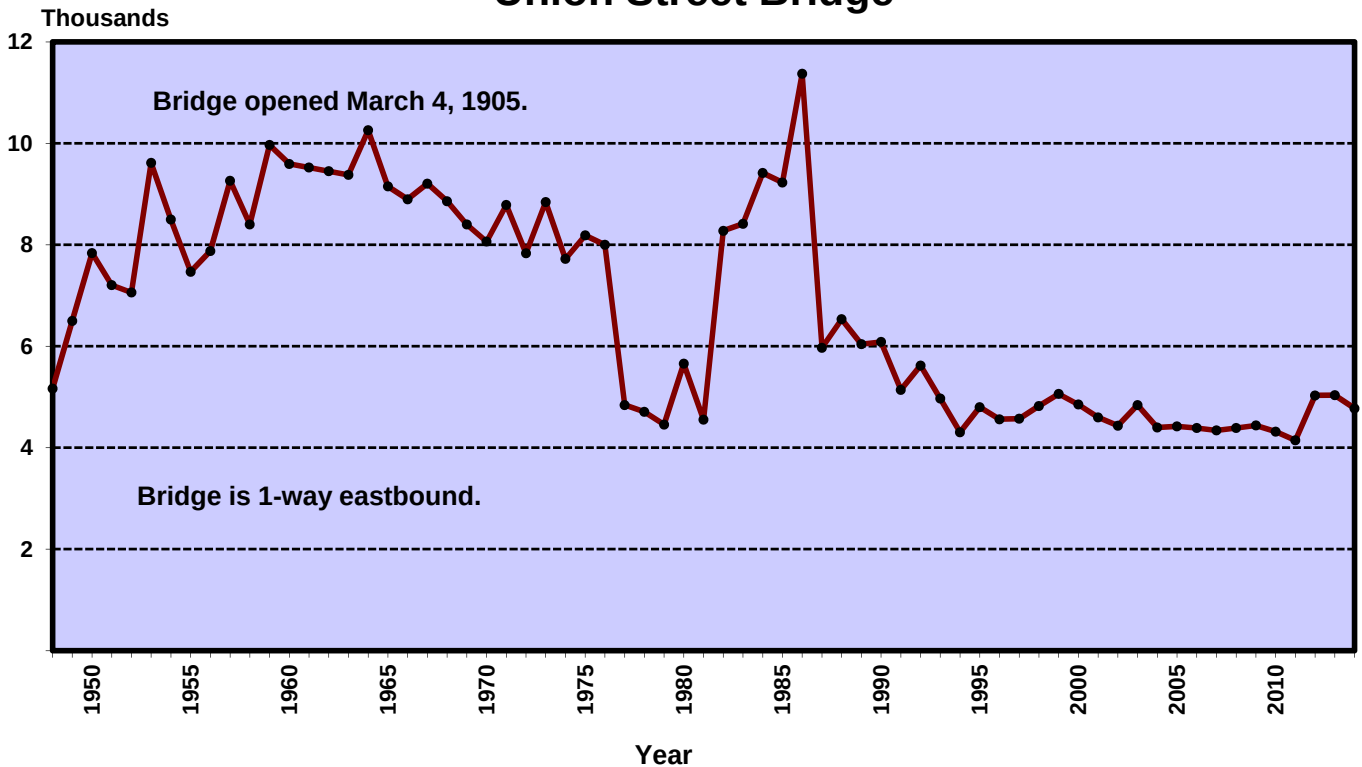
Based on September 1989 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Union Street Bridge ~ 2014



Average Daily Traffic Volumes Union Street Bridge



Queens Bridges



Roosevelt Island Bridge

QUEENS BRIDGES

2014 Daily Volumes



**Queens Bridges ~ Average Daily Traffic Volumes
1948 - 2014**

Year	Borden Avenue Bridge	Flushing Bridge	Hook Creek Bridge	Hunters Point Bridge	Joseph P. Addabbo Bridge *	Little Neck Bridge
1948	4,846	26,276	9,620	5,500	8,521	22,255
1949	11,052	29,949	14,969	9,482	8,855	21,190
1950	6,222	30,836	18,240	6,751	7,361	19,549
1951	5,930	50,918	16,064	6,000	9,868	30,873
1952	6,155	40,589	16,856	5,688	8,952	31,544
1953	7,473	46,952	17,218	6,575	10,941	29,266
1954	5,997	39,837	23,389	7,611	10,661	35,614
1955	6,793	34,201	19,481	2,984	11,315	30,428
1956	7,612	47,985	20,796	6,267	10,216	43,761
1957	7,759	53,836	18,691	7,018	6,192	38,387
1958	7,833	43,075	28,031	5,735	12,763	30,029
1959	9,992	28,616	30,663	7,603	13,453	27,072
1960	9,739	37,833	33,549	7,753	14,923	23,718
1961	9,030	36,383	34,598	7,337	13,165	24,851
1962	8,860	35,370	36,590	7,150	15,900	26,670
1963	9,480	46,210	37,450	7,170	19,730	30,040
1964	16,530	40,220	38,620	5,110	18,020	27,980
1965	8,026	40,484	35,185	6,652	20,629	33,504
1966	9,461	42,613	38,742	6,882	18,890	33,383
1967	9,348	32,479	38,995	6,206	17,748	37,097
1968	8,761	38,664	44,000	6,601	18,258	36,281
1969	11,083	47,945	51,067	7,073	18,957	38,901
1970	10,318	47,311	44,588	6,544	20,937	42,606
1971	11,721	48,238	44,185	7,072	22,426	44,528
1972	11,201	50,499	45,365	6,825	20,342	38,604
1973	11,276	54,597	50,681	8,515	17,885	44,193
1974	12,272	48,909	53,120	5,899	19,541	39,506
1975	17,135	53,431	48,089	Closed	18,971	37,741
1976	17,883	47,569	55,722	Closed	15,231	39,382
1977	17,072	49,420	44,370	Closed	16,228	43,122
1978	16,769	48,491	47,286	Closed	18,456	42,052
1979	16,055	35,518	52,650	Closed	19,004	46,197
1980	15,068	48,856	45,169	Closed	19,156	38,735
1981	18,630	42,040	50,566	Closed	15,931	41,135
1982	21,793	54,661	52,193	Closed	15,931	41,470
1983	22,123	51,237	54,087	Closed	15,392	44,436
1984	18,724	54,323	50,681	4,044	16,323	47,623
1985	18,723	64,382	50,458	4,755	21,619	42,737
1986	14,714	64,371	56,735	5,870	18,480	44,125
1987	15,067	62,811	57,634	5,938	16,620	45,069
1988	14,907	62,956	61,083	6,549	17,032	43,826
1989	14,698	61,756	63,406	6,746	17,242	36,085
1990	18,430	61,248	57,660	10,849	18,115	28,746
1991	16,122	58,189	57,442	10,279	19,267	42,895
1992	13,146	61,306	64,502	10,997	19,666	48,388
1993	15,074	54,005	60,517	8,138	17,699	48,906
1994	14,412	58,837	64,545	6,804	16,516	48,314
1995	14,074	59,543	66,517	7,594	17,388	50,034
1996	16,661	61,211	66,151	7,781	17,519	49,640
1997	14,293	59,792	63,618	7,275	18,991	51,718
1998	15,182	60,864	66,123	7,024	19,114	52,876
1999	14,156	63,348	70,555	8,509	19,337	52,846
2000	15,063	66,243	74,130	8,475	20,673	49,504
2001	15,780	62,364	72,027	8,261	20,785	53,423
2002	15,788	64,301	69,963	7,822	22,779	58,529
2003	16,035	62,644	72,562	7,412	23,958	60,033
2004	15,765	61,685	73,932	6,885	21,855	54,165
2005	16,362	62,692	73,344	7,390	24,035	52,475
2006	16,157	61,143	73,767	7,262	23,254	48,345
2007	15,747	57,437	77,759	7,705	24,433	48,208
2008	15,002	56,179	75,460	7,165	22,346	45,405
2009	Closed	54,941	75,108	16,467	24,237	47,695
2010	Closed	54,690	74,064	15,792	23,882	49,731
2011	8,696	52,173	74,717	8,722	21,636	45,345
2012	13,396	54,518	76,023	8,116	23,612	47,735
2013	12,265	55,690	77,868	8,026	26,630	47,945
2014	13,274	52,437	73,993	7,960	24,854	47,825

* North Channel Bridge.

**Queens Bridges (cont'd) ~ Average Daily Traffic Volumes
1948 - 2014**

<i>Year</i>	<i>Midtown Highway Bridge</i>	<i>Rikers Island Bridge</i>	<i>Roosevelt Avenue Bridge</i>	<i>Roosevelt Island Bridge</i>	<i>Whitestone Expressway Bridge</i>	<i>Totals</i>
1948	28,754	<i>Bridge opened 11/22/1966</i>	14,044	<i>Bridge opened 05/18/1955</i>	27,290	147,106
1949	27,963		18,907		31,558	173,925
1950	32,429		20,451		38,771	180,610
1951	31,812		9,330		39,368	200,163
1952	35,088		23,596		44,219	212,687
1953	34,513		20,473		47,455	220,866
1954	30,495		18,007		50,089	221,700
1955	39,650		20,123	2,144	51,577	218,696
1956	49,944		17,987	2,689	57,982	265,239
1957	47,481		20,984	2,157	58,606	261,111
1958	45,593		19,653	3,137	60,687	256,536
1959	55,665		29,616	2,760	58,761	264,201
1960	62,051		18,153	3,014	48,615	259,348
1961	62,520		21,475	2,947	53,542	265,848
1962	57,600		24,440	3,220	41,340	257,140
1963	57,770		29,500	3,220	47,620	288,190
1964	60,610		18,110	3,440	83,450	312,090
1965	60,973		20,143	3,791	81,201	310,588
1966	68,752		18,728	4,133	71,795	313,379
1967	72,962	1,973	21,493	5,973	110,363	354,637
1968	69,058	2,809	21,352	4,987	136,741	387,512
1969	62,712	2,983	19,588	4,675	122,162	387,146
1970	84,844	3,543	21,656	6,201	111,833	400,381
1971	75,706	3,594	21,587	6,182	117,614	402,853
1972	65,481	3,680	20,754	7,007	118,050	387,808
1973	73,292	4,850	20,910	7,944	113,395	407,538
1974	68,127	4,794	19,545	8,656	123,204	403,573
1975	67,933	4,784	19,256	6,417	116,750	390,507
1976	64,438	4,891	17,351	7,031	118,164	387,662
1977	60,501	4,423	18,776	7,809	125,682	387,403
1978	85,223	4,728	19,058	6,851	121,123	410,037
1979	70,893	5,491	19,980	6,838	121,123	393,749
1980	74,334	6,066	19,090	7,501	110,606	384,581
1981	100,182	6,085	17,911	8,383	132,023	432,886
1982	100,182	6,946	16,944	8,064	120,944	439,128
1983	88,132	7,807	15,051	8,940	139,721	446,926
1984	89,000	9,487	20,292	8,787	129,834	449,118
1985	73,315	6,019	25,548	8,190	134,650	450,396
1986	71,938	8,056	23,219	9,199	139,464	456,171
1987	70,079	12,386	19,567	8,754	153,040	466,965
1988	71,761	12,070	22,567	10,207	150,777	473,735
1989	65,160	11,493	24,440	9,501	151,292	461,819
1990	66,269	11,195	23,285	9,275	145,247	450,319
1991	74,328	12,491	23,466	10,236	141,824	466,539
1992	72,144	15,579	23,687	9,751	145,669	484,835
1993	64,368	14,206	28,012	9,830	146,440	467,195
1994	66,633	12,494	24,631	9,638	155,969	478,793
1995	67,810	12,213	22,758	9,382	147,029	474,342
1996	69,394	11,906	22,543	9,489	163,578	495,873
1997	69,273	12,461	24,566	9,302	172,034	503,323
1998	70,486	15,672	22,994	10,048	182,516	522,899
1999	72,749	14,240	23,784	9,491	192,099	541,114
2000	79,662	13,150	22,749	9,198	192,482	551,329
2001	82,431	14,503	22,856	9,655	189,031	551,116
2002	81,392	13,447	22,235	9,444	188,758	554,458
2003	84,243	16,966	20,281	9,203	188,770	562,107
2004	82,732	14,979	19,652	9,100	188,869	549,619
2005	89,559	13,811	19,360	9,929	191,563	560,520
2006	83,379	13,146	19,420	9,685	197,084	552,642
2007	85,997	13,496	18,975	9,895	202,410	562,062
2008	84,769	15,621	18,859	10,161	193,122	544,089
2009	84,048	15,436	17,168	9,454	198,124	542,678
2010	87,692	13,186	17,268	9,800	192,092	538,197
2011	84,148	12,580	16,084	9,103	199,803	533,007
2012	88,184	12,265	17,439	9,516	204,909	555,713
2013	87,827	14,065	17,994	9,550	205,790	563,650
2014	87,878	13,578	16,352	8,212	204,401	550,764

Hourly Vehicular Volumes

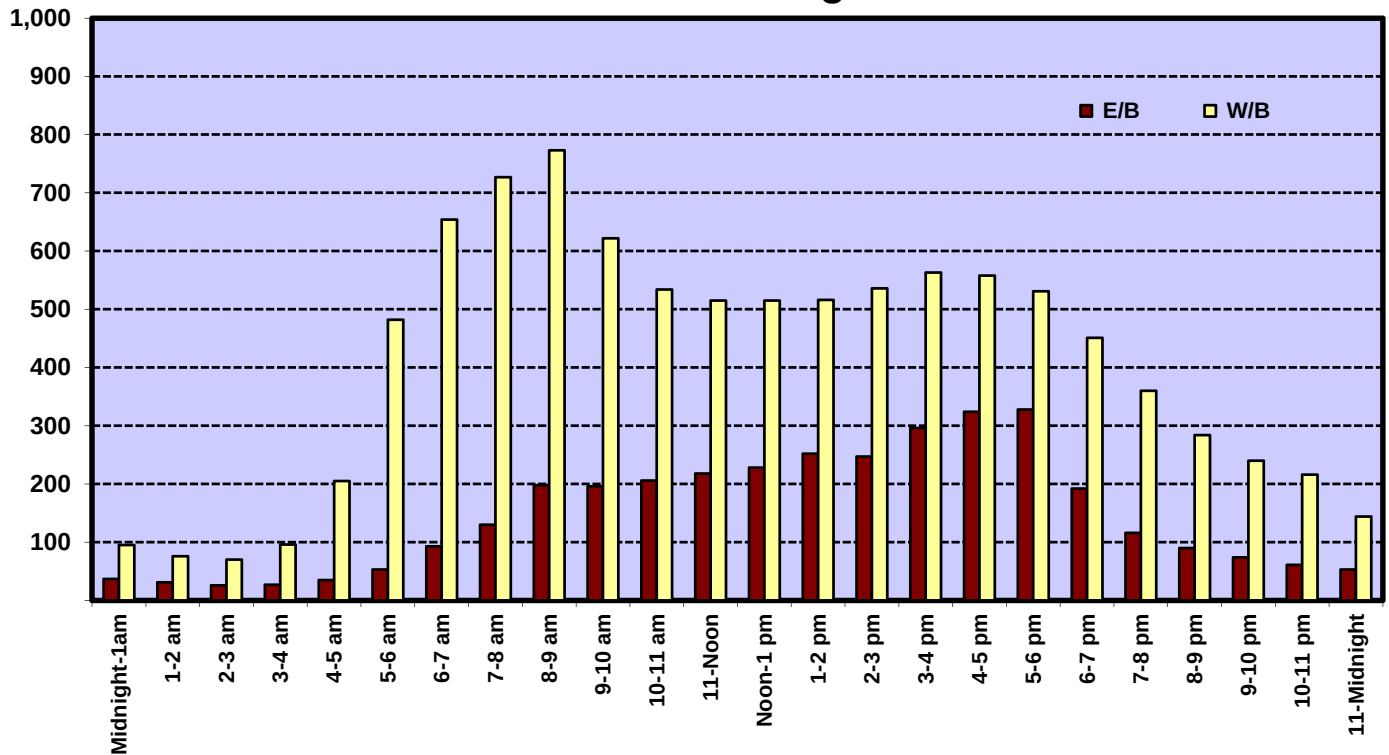
Borden Avenue Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	37	---	---	---	---	---	95
1-2am	---	---	---	---	---	31	---	---	---	---	---	76
2-3am	---	---	---	---	---	26	---	---	---	---	---	70
3-4am	---	---	---	---	---	27	---	---	---	---	---	96
4-5am	---	---	---	---	---	35	---	---	---	---	---	205
5-6am	---	---	---	---	---	53	---	---	---	---	---	482
6-7am	---	---	---	---	---	93	---	---	---	---	---	654
7-8am	71	5	3	33	18	130	556	11	21	69	70	727
8-9am	95	6	5	62	30	198	664	7	10	64	28	773 **
9-10am	93	6	2	61	34	196	481	4	9	78	50	622
10-11am	140	4	7	38	17	206	468	8	4	41	13	534
11-12am	104	3	2	76	33	218	356	7	8	105	39	515
12-1pm	174	4	3	31	16	228	437	5	4	53	16	515
1-2pm	191	2	3	38	18	252	416	5	4	56	35	516
2-3pm	124	2	17	71	33	247	380	11	9	101	35	536
3-4pm	249	3	8	26	10	296	466	37	4	38	18	563
4-5pm	246	6	16	32	24	324	418	38	10	72	20	558
5-6pm	261	3	9	37	18	328 **	455	20	8	26	22	531
6-7pm	139	1	9	26	17	192	377	15	11	30	18	451
7-8pm	---	---	---	---	---	116	---	---	---	---	---	360
8-9pm	---	---	---	---	---	90	---	---	---	---	---	284
9-10pm	---	---	---	---	---	74	---	---	---	---	---	240
10-11pm	---	---	---	---	---	61	---	---	---	---	---	216
11-12pm	---	---	---	---	---	53	---	---	---	---	---	144
Totals	---	---	---	---	---	3,511	---	---	---	---	---	9,763
7-10am	259	17	10	156	82	524	1,701	22	40	211	148	2,122
10am-1pm	418	11	12	145	66	652	1,261	20	16	199	68	1,564
1-4pm	564	7	28	135	61	795	1,262	53	17	195	88	1,615
4-7pm	646	10	34	95	59	844	1,250	73	29	128	60	1,540
7am-7pm	1,887	45	84	531	268	2,815	5,474	168	102	733	364	6,841
6-10am						617						2,776
3-7pm	895	13	42	121	69	1,140	1,716	110	33	166	78	2,103
6am-7pm						2,908						7,495
2-Way Totals												
	132											
	107											
	96											
	123											
	240											
	535											
	747											
	857											
	971											
	818											
	740											
	733											
	743											
	768											
	783											
	859											
	882											
	859											
	643											
	476											
	374											
	314											
	277											
	197											
	13,274											

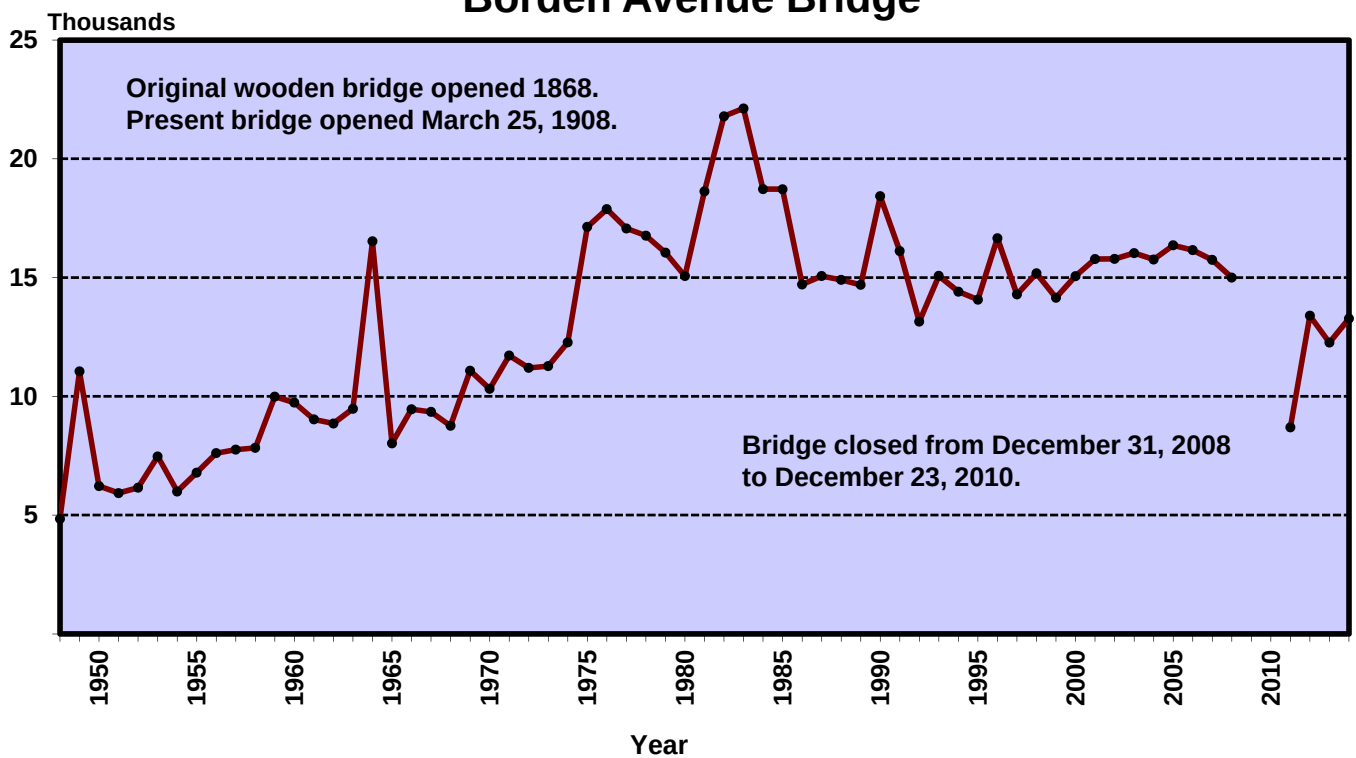
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Borden Avenue Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Borden Avenue Bridge



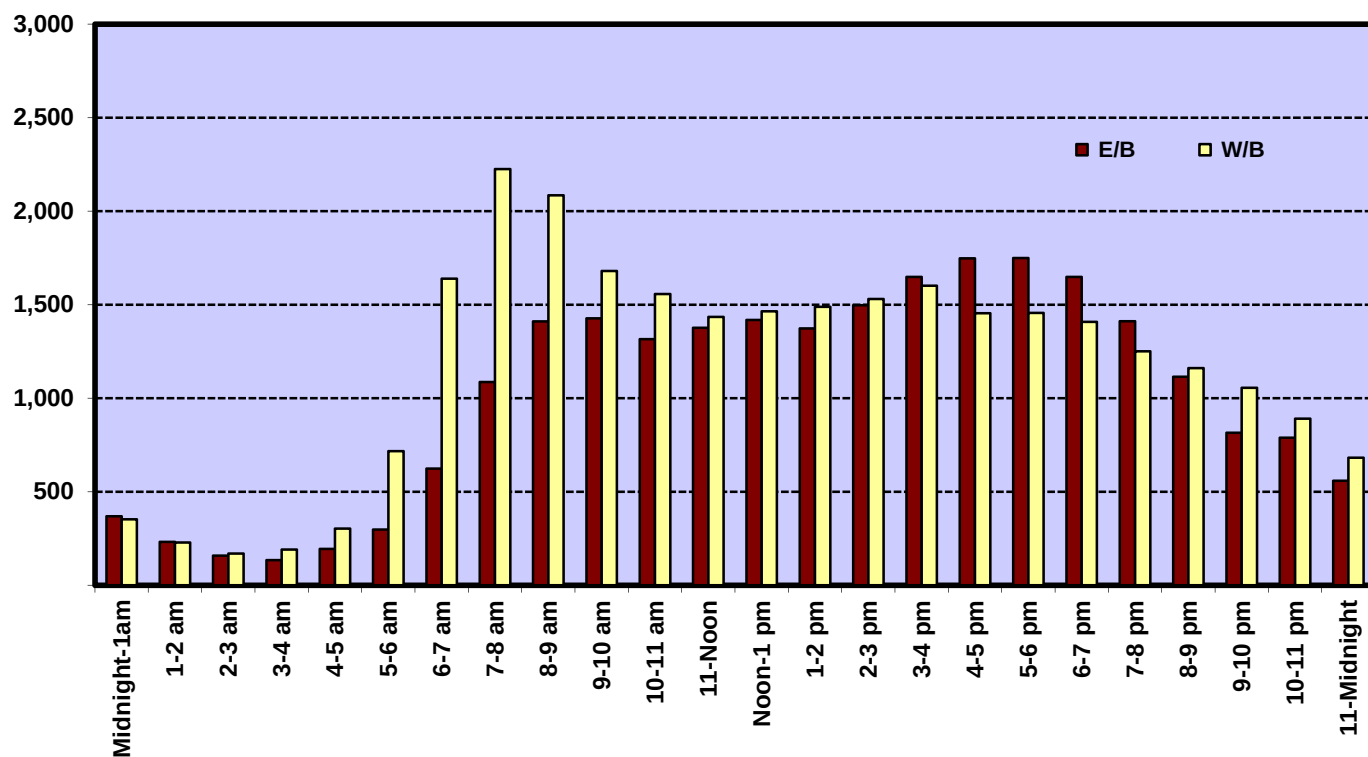
Hourly Vehicular Volumes Flushing Bridge - 2014

Eastbound										Westbound											
FHWA Classes	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles					Autos, Motorcycles SUVs, Family Vans					Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles					Autos, Motorcycles SUVs, Family Vans					
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13	Total Vehicles	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13	Total Vehicles	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13	Total Vehicles
12-1am	320	29	10	2	8	0	369	313	20	11	5	2	2	353	722						
1-2am	188	25	7	4	8	0	232	208	5	4	6	5	1	229	461						
2-3am	118	25	8	2	3	3	159	138	19	6	3	3	1	170	329						
3-4am	95	19	8	3	8	2	135	147	16	6	9	7	6	191	326						
4-5am	148	25	7	10	1	4	195	245	34	11	6	1	6	303	498						
5-6am	231	19	15	10	19	4	298	589	61	27	19	4	17	717	1,015						
6-7am	539	20	11	27	20	7	624	1,301	103	78	92	29	36	1,639	2,263						
7-8am	943	26	24	38	43	13	1,087	1,816	87	96	72	119	35	2,225	3,312						
8-9am	1,172	67	60	41	46	25	1,411	1,694	72	118	40	136	25	2,085	3,496						
9-10am	1,142	77	82	31	67	28	1,427	1,278	106	85	31	151	29	2,085	3,496						
10-11am	1,029	79	85	36	67	20	1,316	1,184	69	124	34	127	19	1,557	2,873						
11-12am	1,074	61	52	30	133	27	1,377	1,062	71	170	24	91	17	1,435	2,812						
12-1pm	1,130	76	58	25	105	25	1,419	1,112	94	137	20	82	20	1,465	2,884						
1-2pm	1,063	77	42	24	141	26	1,373	1,155	75	111	20	113	15	1,489	2,862						
2-3pm	1,181	76	44	66	122	8	1,497	1,255	72	113	22	67	2	1,531	3,028						
3-4pm	1,315	127	73	57	70	7	1,649	1,271	78	118	56	69	10	1,602	3,251						
4-5pm	1,445	82	84	40	91	6	1,748	1,148	110	103	33	55	6	1,455	3,203						
5-6pm	1,507	71	81	27	58	6	1,750	1,255	78	69	11	43	0	1,456	3,206						
6-7pm	1,443	48	62	34	58	4	1,649	1,251	27	58	23	49	0	1,408	3,057						
7-8pm	1,272	18	67	33	21	1	1,412	1,136	20	39	25	31	0	1,251	2,663						
8-9pm	1,016	27	47	10	14	1	1,115	1,075	33	18	22	12	1	1,161	2,276						
9-10pm	758	15	14	9	19	1	816	1,003	25	10	12	6	0	1,056	1,872						
10-11pm	710	20	28	8	21	2	789	834	28	8	14	7	0	891	1,680						
11-12pm	508	27	13	5	6	0	559	617	35	12	9	8	1	682	1,241						
Totals	20,347	1,136	982	572	1,149	220	24,406	23,087	1,338	1,532	608	1,217	249	28,031	52,437						
7-10am	3,257	170	166	110	156	66	3,925	4,788	265	299	143	406	89	5,990	9,915						
10am-1pm	3,233	216	195	91	305	72	4,112	3,358	234	431	78	300	56	4,457	8,569						
1-4pm	3,559	280	159	147	333	41	4,519	3,681	225	342	98	249	27	4,622	9,141						
4-7pm	4,395	201	227	101	207	16	5,147	3,654	215	230	67	147	6	4,319	9,466						
7am-7pm	14,444	867	747	449	1,001	195	17,703	15,481	939	1,302	386	1,102	178	19,388	37,091						
6-10am	3,796	190	177	137	176	73	4,549	6,089	368	377	235	435	125	7,629	12,178						
3-7pm	5,710	328	300	158	277	23	6,796	4,925	293	348	123	216	16	5,921	12,717						
6am-7pm	14,983	887	758	476	1,021	202	18,327	16,782	1,042	1,380	478	1,131	214	21,027	39,354						

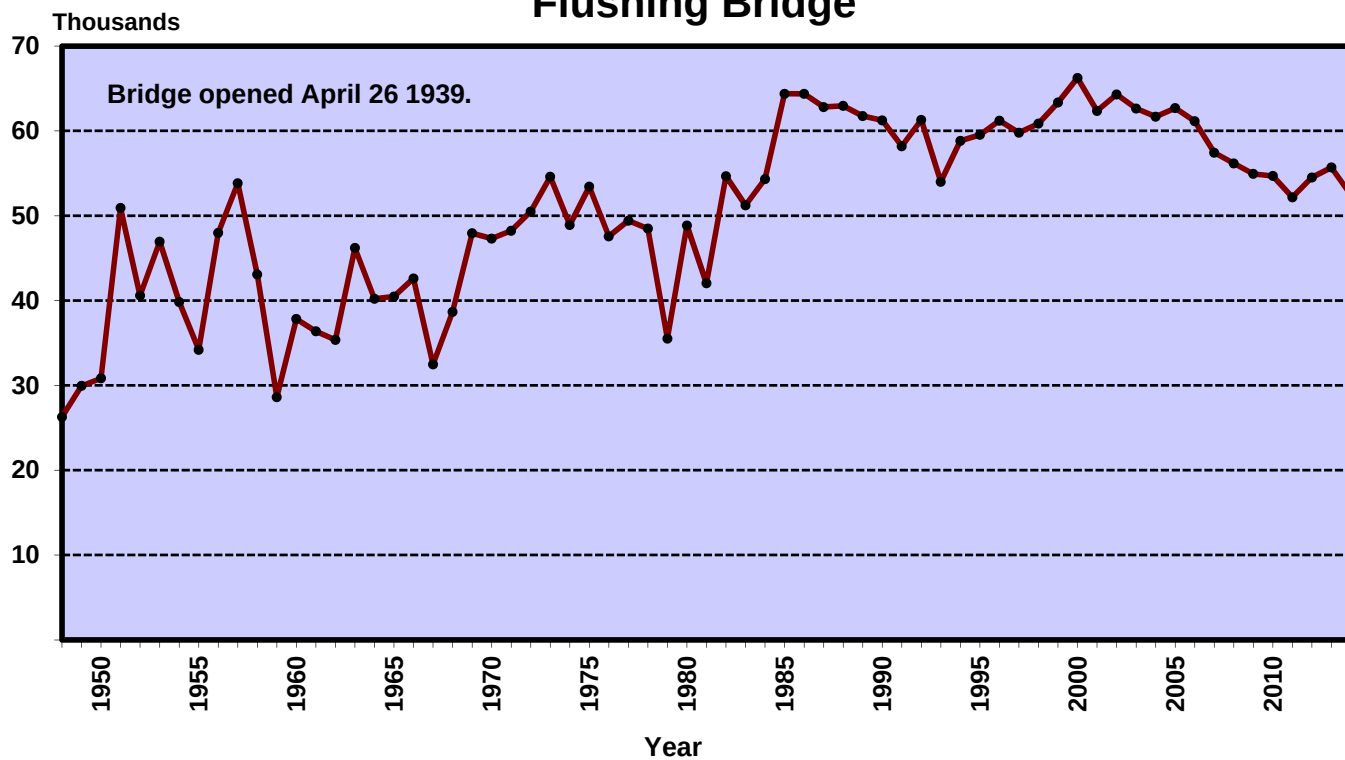
Based on November 2014 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Flushing Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Flushing Bridge



Hourly Vehicular Volumes

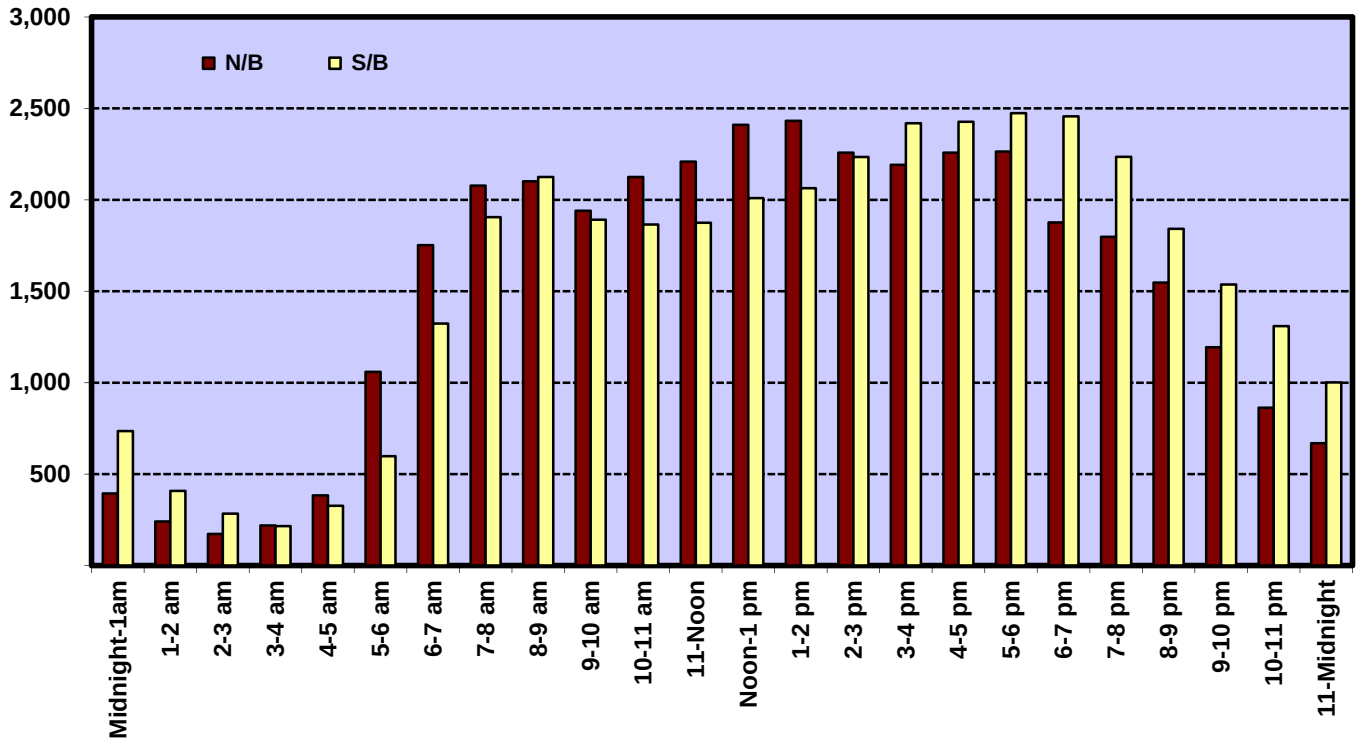
Hook Creek Bridge - 2014

	Northbound					Southbound					2-Way Totals	
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks		Commercial Vans
12-1am	---	---	---	---	---	394	---	---	---	---	---	735
1-2am	---	---	---	---	---	241	---	---	---	---	---	408
2-3am	---	---	---	---	---	173	---	---	---	---	---	284
3-4am	---	---	---	---	---	219	---	---	---	---	---	216
4-5am	---	---	---	---	---	384	---	---	---	---	---	327
5-6am	---	---	---	---	---	1,059	---	---	---	---	---	598
6-7am	---	---	---	---	---	1,752	---	---	---	---	---	1,323
7-8am	1,923	14	47	60	34	2,078	1,516	14	137	137	101	1,905
8-9am	1,859	15	69	100	58	2,101	1,743	9	132	153	88	2,125
9-10am	1,684	6	58	129	63	1,940	1,596	7	79	127	82	1,891
10-11am	2,004	3	14	57	47	2,125	1,741	2	12	60	50	1,865
11-12am	1,844	11	49	209	96	2,209	1,666	2	14	107	86	1,875
12-1pm	2,272	11	31	71	25	2,410	1,925	0	12	45	27	2,009
1-2pm	2,218	16	50	86	62	2,432	1,818	6	64	124	52	2,064
2-3pm	2,022	17	50	89	80	2,258	2,023	3	33	95	80	2,234
3-4pm	2,104	34	11	26	16	2,191	2,317	3	19	37	43	2,419
4-5pm	2,141	11	26	45	35	2,258	2,271	3	39	53	61	2,427
5-6pm	2,088	12	39	40	85	2,264	2,305	6	55	38	70	2,474 **
6-7pm	1,785	11	40	22	18	1,876	2,345	4	48	34	25	2,456
7-8pm	---	---	---	---	---	1,798	---	---	---	---	---	2,235
8-9pm	---	---	---	---	---	1,547	---	---	---	---	---	1,841
9-10pm	---	---	---	---	---	1,194	---	---	---	---	---	1,537
10-11pm	---	---	---	---	---	863	---	---	---	---	---	1,309
11-12pm	---	---	---	---	---	669	---	---	---	---	---	1,001
Totals	---	---	---	---	---	36,435	---	---	---	---	---	73,993
7-10am	5,466	35	174	289	155	6,119	4,855	30	348	417	271	5,921
10am-1pm	6,120	25	94	337	168	6,744	5,332	4	38	212	163	5,749
1-4pm	6,344	67	111	201	158	6,881	6,158	12	116	256	175	6,717
4-7pm	6,014	34	105	107	138	6,398	6,921	13	142	125	156	7,357
7am-7pm	23,944	161	484	934	619	26,142	23,266	59	644	1,010	765	25,744
6-10am												
3-7pm	8,118	68	116	133	154	8,589	9,238	16	161	162	199	7,244
6am-7pm						27,894						7,244
												9,776
												27,067
												15,115
												18,365
												54,961

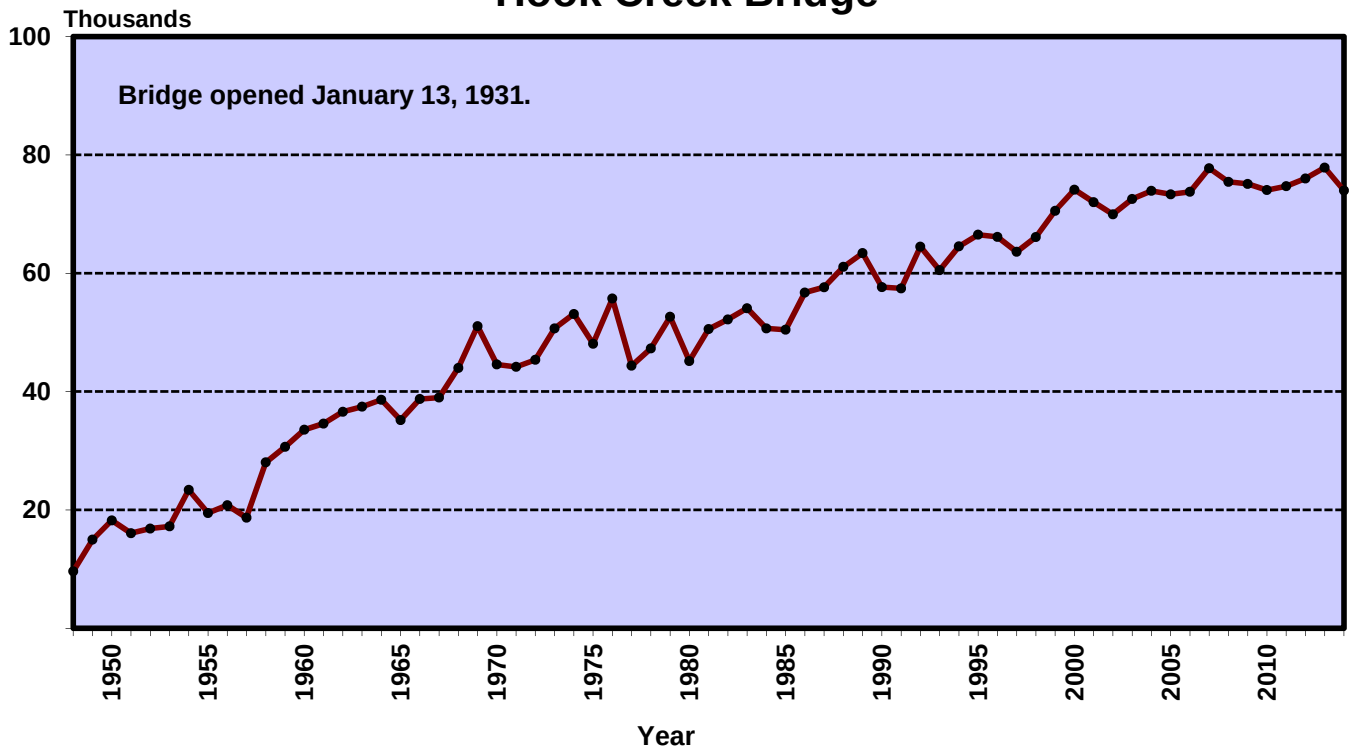
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Hook Creek Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Hook Creek Bridge



Hourly Vehicular Volumes

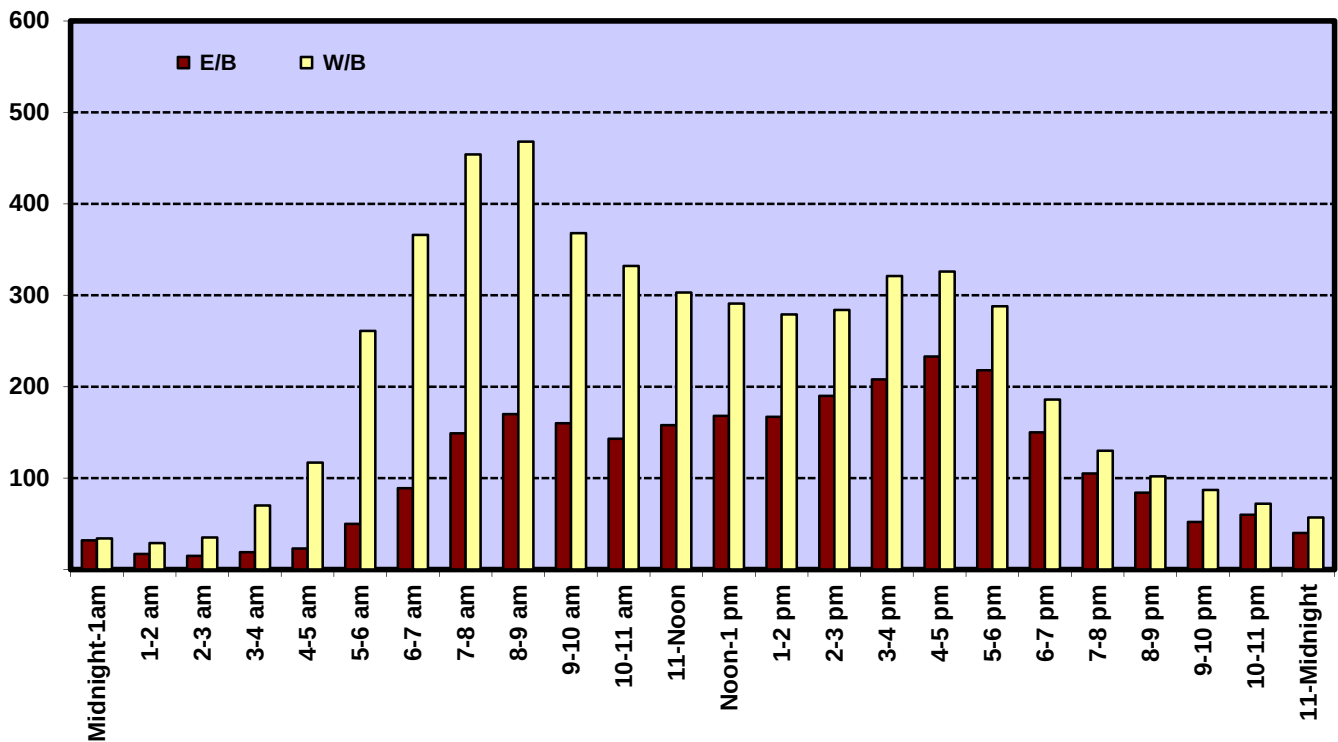
Hunters Point Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	32	---	---	---	---	---	34
1-2am	---	---	---	---	---	17	---	---	---	---	---	29
2-3am	---	---	---	---	---	15	---	---	---	---	---	35
3-4am	---	---	---	---	---	19	---	---	---	---	---	70
4-5am	---	---	---	---	---	23	---	---	---	---	---	117
5-6am	---	---	---	---	---	50	---	---	---	---	---	261
6-7am	---	---	---	---	---	89	---	---	---	---	---	366
7-8am	106	0	15	16	12	149	338	1	19	30	66	454
8-9am	96	0	6	25	43	170	394	0	8	32	34	468
9-10am	99	0	2	27	32	160	263	0	3	48	54	368
10-11am	118	0	4	16	5	143	281	0	2	30	19	332
11-12am	100	1	7	28	22	158	217	0	2	52	32	303
12-1pm	124	0	6	19	19	168	231	0	2	35	23	291
1-2pm	120	0	9	18	20	167	223	3	3	24	26	279
2-3pm	112	0	16	31	31	190	203	10	2	35	34	284
3-4pm	175	0	7	19	7	208	302	4	1	10	4	321
4-5pm	169	0	13	18	33	233	228	49	2	12	35	326
5-6pm	186	0	10	2	20	218	237	13	1	18	19	288
6-7pm	126	1	2	6	15	150	158	4	3	6	15	186
7-8pm	---	---	---	---	---	105	---	---	---	---	---	130
8-9pm	---	---	---	---	---	84	---	---	---	---	---	102
9-10pm	---	---	---	---	---	52	---	---	---	---	---	87
10-11pm	---	---	---	---	---	60	---	---	---	---	---	72
11-12pm	---	---	---	---	---	40	---	---	---	---	---	57
Totals	---	---	---	---	---	2,700	---	---	---	---	---	5,260
7-10am	301	0	23	68	87	479	995	1	30	110	154	1,290
10am-1pm	342	1	17	63	46	469	729	0	6	117	74	926
1-4pm	407	0	32	68	58	565	728	17	6	69	64	884
4-7pm	481	1	25	26	68	601	623	66	6	36	69	800
7am-7pm	1,531	2	97	225	259	2,114	3,075	84	48	332	361	3,900
6-10am						568						1,656
3-7pm	656	1	32	45	75	809	925	70	7	46	73	1,121
6am-7pm						2,203						4,266

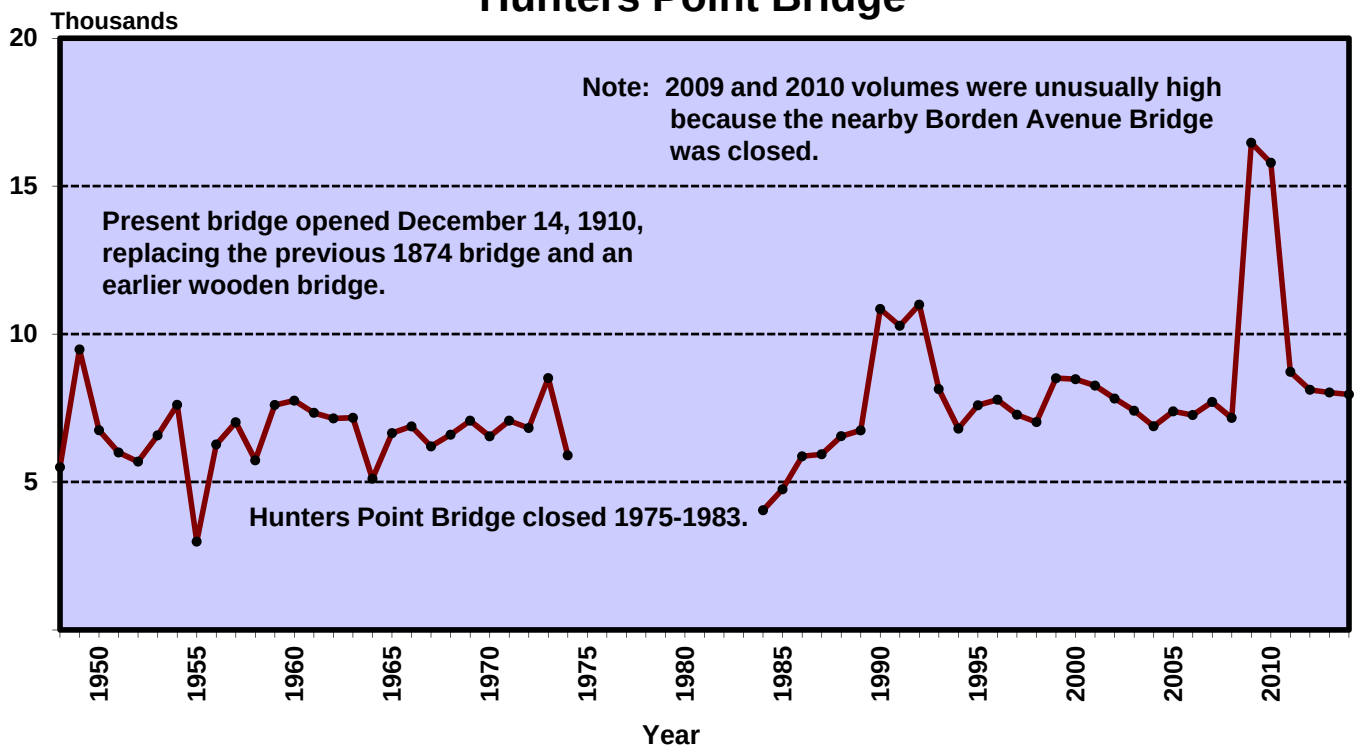
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Hunters Point Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Hunters Point Bridge



Hourly Vehicular Volumes

Joseph P. Addabbo Memorial Bridge - 2014

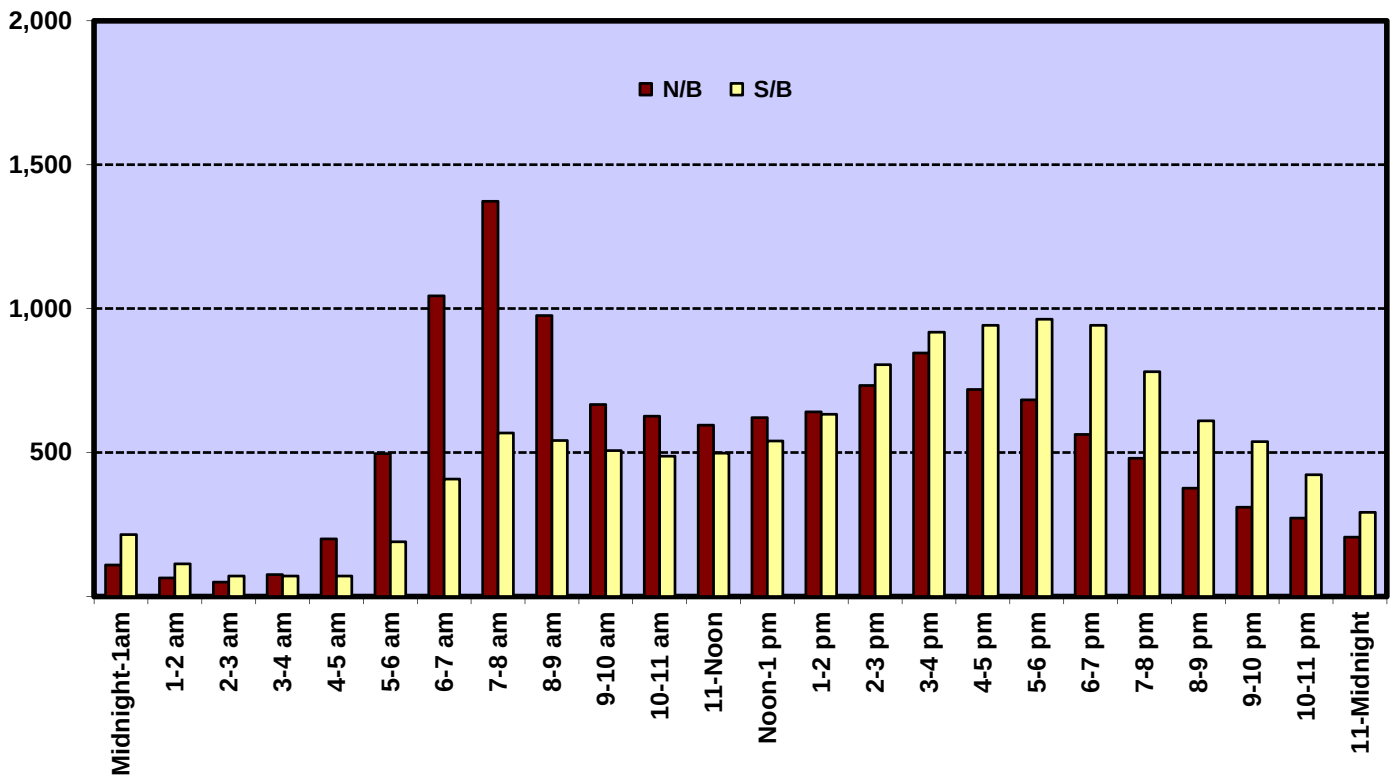
(North Channel Bridge)

	Northbound					Southbound					2-Way Totals	
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks		Commercial Vans
12-1am	---	---	---	---	---	109	---	---	---	---	---	215
1-2am	---	---	---	---	---	64	---	---	---	---	---	113
2-3am	---	---	---	---	---	50	---	---	---	---	---	71
3-4am	---	---	---	---	---	76	---	---	---	---	---	71
4-5am	---	---	---	---	---	200	---	---	---	---	---	71
5-6am	---	---	---	---	---	496	---	---	---	---	---	190
6-7am	---	---	---	---	---	1,044	---	---	---	---	---	408
7-8am	1,255	35	21	24	38	1,373 **	415	28	7	44	74	568
8-9am	826	28	19	39	64	976	401	29	1	44	67	542
9-10am	553	8	7	62	37	667	350	20	4	62	71	507
10-11am	570	11	8	28	9	626	421	13	0	20	33	487
11-12am	473	8	8	58	48	595	363	9	0	53	73	498
12-1pm	537	17	0	35	32	621	483	12	0	18	27	540
1-2pm	596	4	4	20	17	641	578	7	0	16	32	633
2-3pm	604	22	11	52	44	733	642	33	5	33	92	805
3-4pm	761	26	12	23	24	846	802	26	0	26	64	918
4-5pm	598	32	13	44	32	719	800	10	3	32	97	942
5-6pm	600	10	17	30	26	683	876	7	0	20	60	963 **
6-7pm	473	9	19	24	38	563	848	7	4	11	72	942
7-8pm	---	---	---	---	---	480	---	---	---	---	---	781
8-9pm	---	---	---	---	---	376	---	---	---	---	---	610
9-10pm	---	---	---	---	---	310	---	---	---	---	---	538
10-11pm	---	---	---	---	---	272	---	---	---	---	---	423
11-12pm	---	---	---	---	---	206	---	---	---	---	---	292
Totals	---	---	---	---	---	12,726	---	---	---	---	---	12,128
7-10am	2,634	71	47	125	139	3,016	1,166	77	12	150	212	4,633
10am-1pm	1,580	36	16	121	89	1,842	1,267	34	0	91	133	3,367
1-4pm	1,961	52	27	95	85	2,220	2,022	66	5	75	188	4,576
4-7pm	1,671	51	49	98	96	1,965	2,524	24	7	63	229	4,812
7am-7pm	7,846	210	139	439	409	9,043	6,979	201	24	379	762	17,388
6-10am						4,060						2,025
3-7pm	2,432	77	61	121	120	2,811	3,326	50	7	89	293	3,765
6am-7pm						10,087						8,753

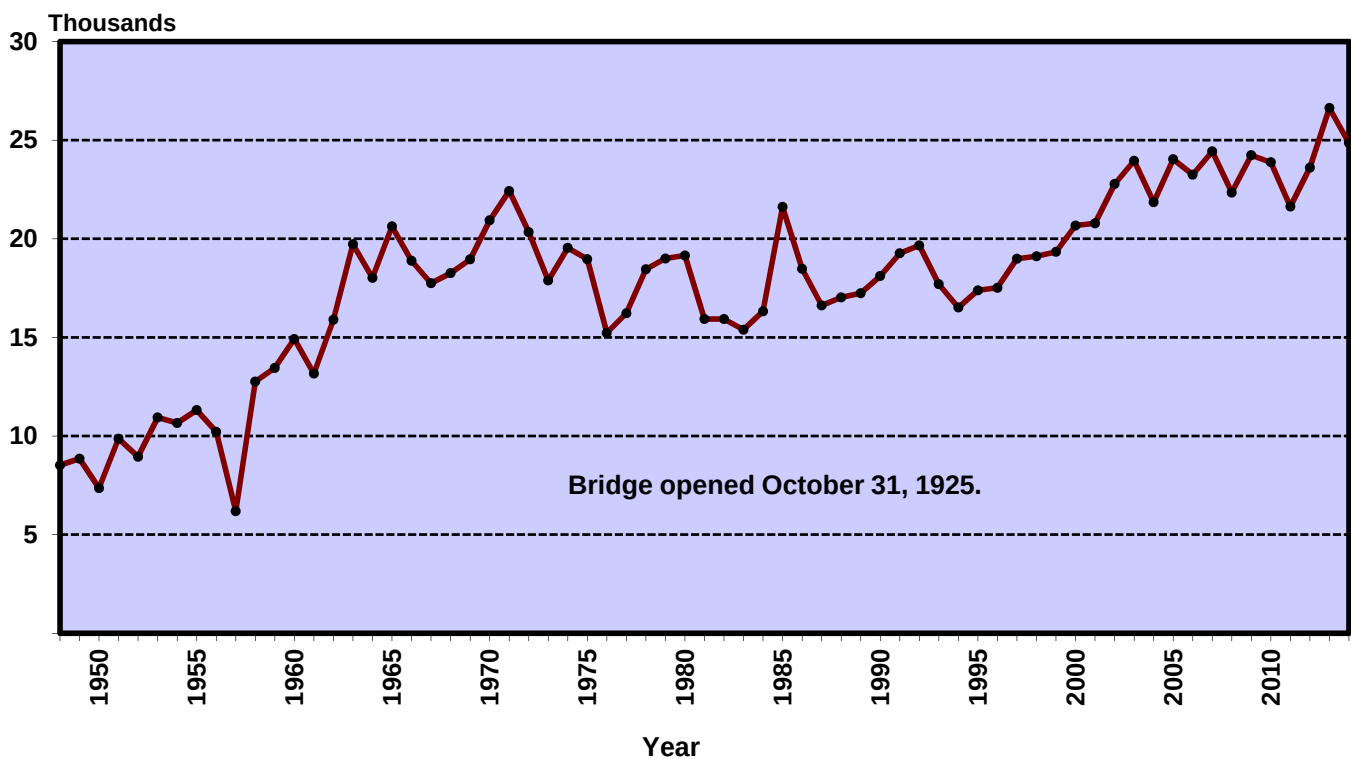
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Joseph P. Addabbo Memorial Bridge ~ 2014



Average Daily Traffic Volumes Joseph P. Addabbo Memorial Bridge ~ Total of Both Directions



Hourly Vehicular Volumes

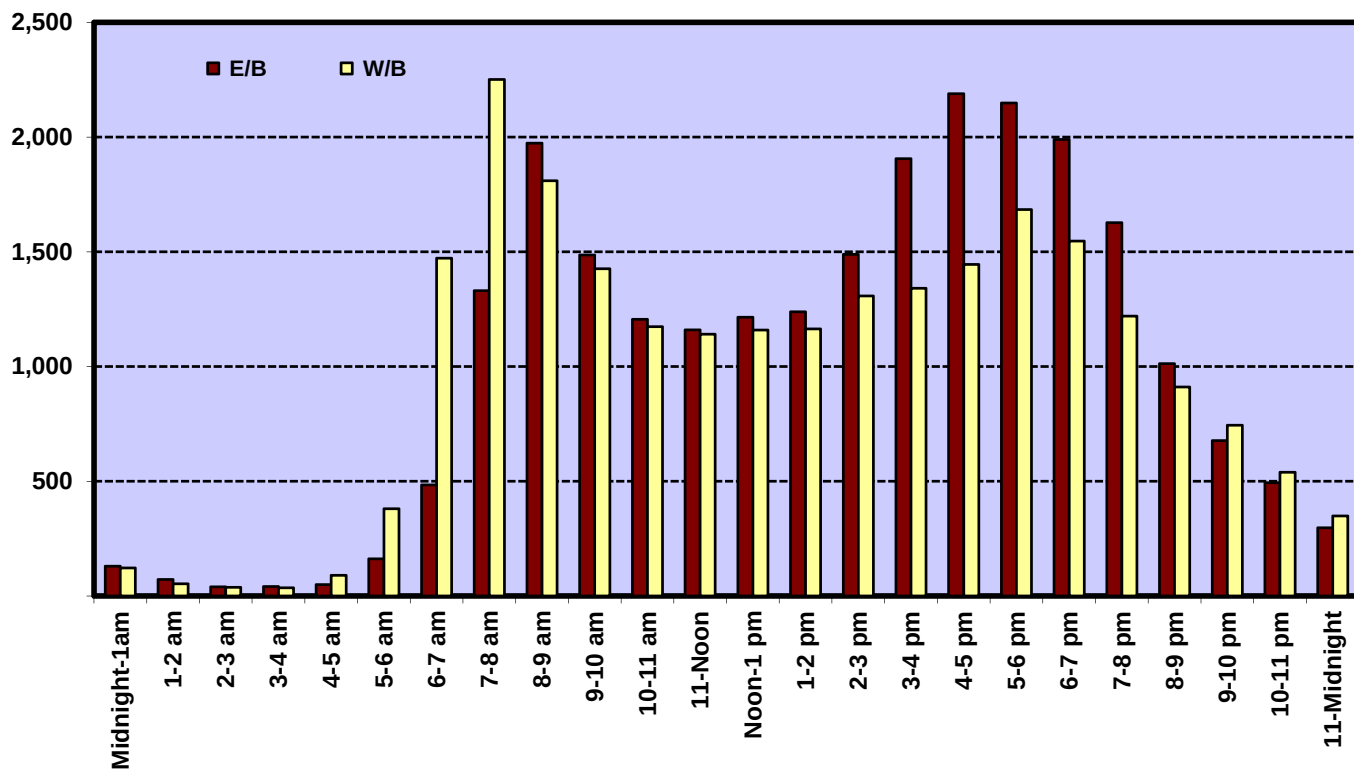
Little Neck Bridge - 2014

	Eastbound					Westbound					2-Way Totals	
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks		Commercial Vans
12-1am	---	---	---	---	---	130	---	---	---	---	---	122
1-2am	---	---	---	---	---	72	---	---	---	---	---	53
2-3am	---	---	---	---	---	40	---	---	---	---	---	38
3-4am	---	---	---	---	---	41	---	---	---	---	---	36
4-5am	---	---	---	---	---	50	---	---	---	---	---	90
5-6am	---	---	---	---	---	162	---	---	---	---	---	380
6-7am	---	---	---	---	---	484	---	---	---	---	---	1,472
7-8am	1,083	35	61	94	58	1,331	2,016	83	7	41	104	2,251 **
8-9am	1,739	27	81	73	54	1,974	1,656	46	3	34	71	1,810
9-10am	1,310	19	59	72	26	1,486	1,308	8	0	38	72	1,426
10-11am	1,101	8	27	42	28	1,206	1,110	10	0	24	30	1,174
11-12am	1,018	11	25	59	47	1,160	1,018	7	0	63	53	1,141
12-1pm	1,141	13	9	40	12	1,215	1,082	10	0	26	41	1,159
1-2pm	1,147	9	20	31	32	1,239	1,111	2	0	20	31	1,164
2-3pm	1,266	16	62	83	62	1,489	1,173	10	0	42	83	1,308
3-4pm	1,801	22	20	40	23	1,906	1,271	10	0	15	45	1,341
4-5pm	1,842	16	84	149	98	2,189 **	1,297	15	0	39	94	1,445
5-6pm	1,925	21	58	48	97	2,149	1,601	12	0	10	61	1,684
6-7pm	1,833	19	56	45	37	1,990	1,478	9	0	6	54	1,547
7-8pm	---	---	---	---	---	1,627	---	---	---	---	---	1,220
8-9pm	---	---	---	---	---	1,013	---	---	---	---	---	911
9-10pm	---	---	---	---	---	677	---	---	---	---	---	744
10-11pm	---	---	---	---	---	494	---	---	---	---	---	539
11-12pm	---	---	---	---	---	297	---	---	---	---	---	349
Totals	---	---	---	---	---	24,421	---	---	---	---	---	23,404
7-10am	4,132	81	201	239	138	4,791	4,980	137	10	113	247	5,487
10am-1pm	3,260	32	61	141	87	3,581	3,210	27	0	113	124	3,474
1-4pm	4,214	47	102	154	117	4,634	3,555	22	0	77	159	3,813
4-7pm	5,600	56	198	242	232	6,328	4,376	36	0	55	209	4,676
7am-7pm	17,206	216	562	776	574	19,334	16,121	222	10	358	739	17,450
6-10am												
3-7pm	7,401	78	218	282	255	8,234	5,647	46	0	70	254	6,959
6am-7pm												
						19,818						18,922

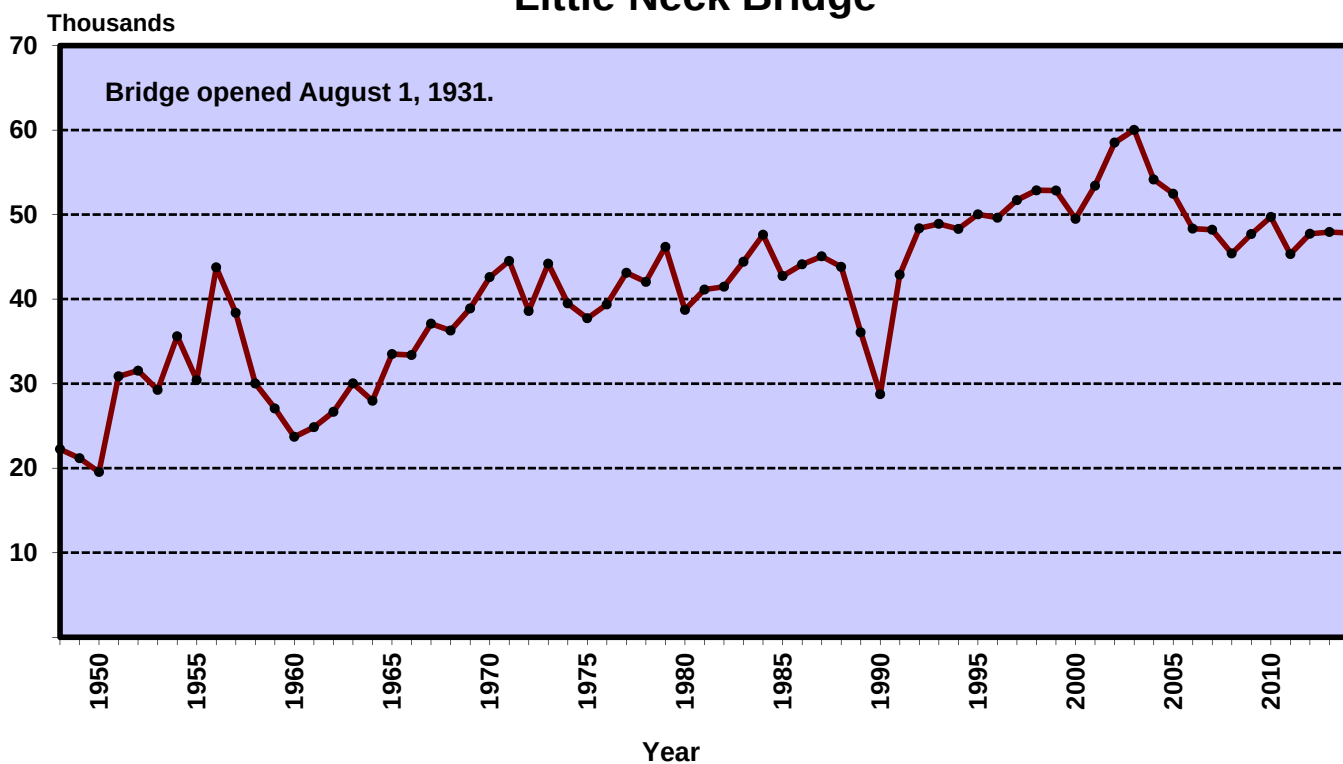
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Little Neck Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Little Neck Bridge



Hourly Vehicular Volumes

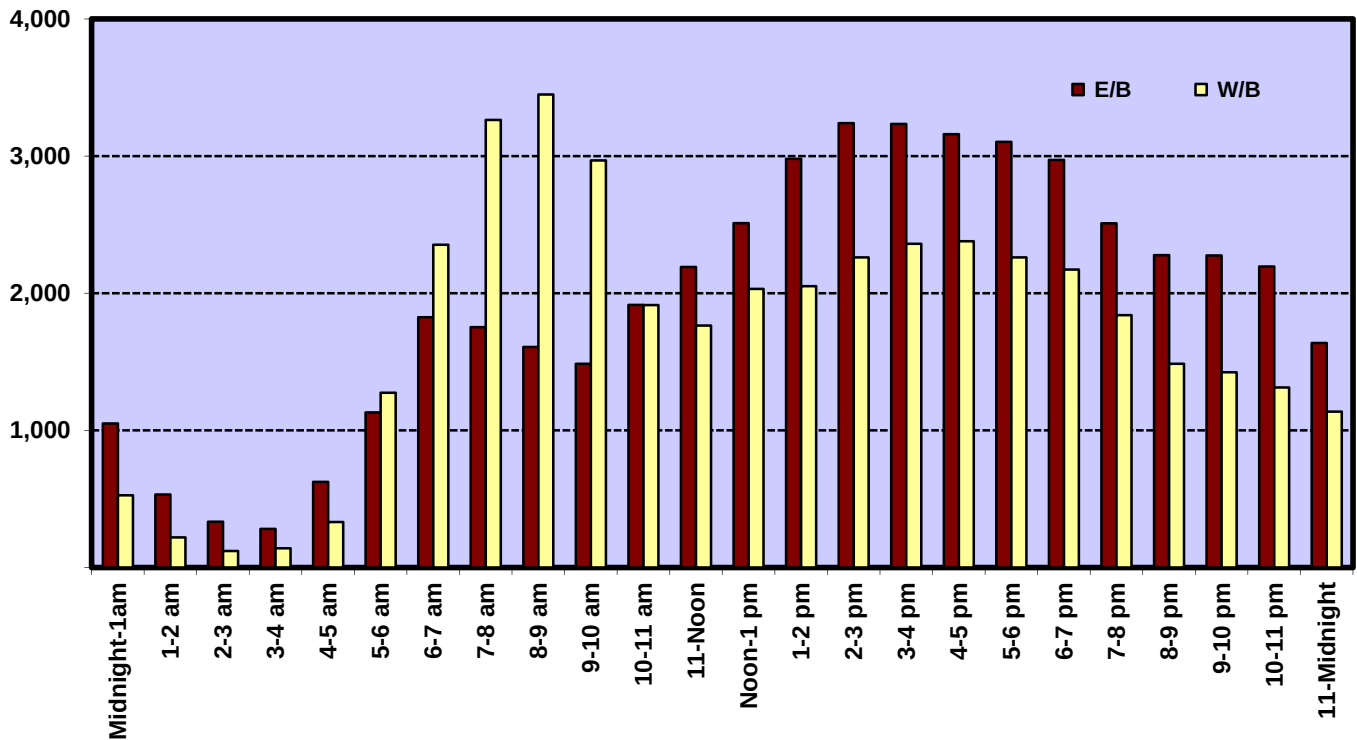
Midtown Highway Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	1,050	---	---	---	---	---	527
1-2am	---	---	---	---	---	533	---	---	---	---	---	220
2-3am	---	---	---	---	---	334	---	---	---	---	---	121
3-4am	---	---	---	---	---	282	---	---	---	---	---	140
4-5am	---	---	---	---	---	625	---	---	---	---	---	332
5-6am	---	---	---	---	---	1,131	---	---	---	---	---	1,275
6-7am	---	---	---	---	---	1,825	---	---	---	---	---	2,354
7-8am	1,432	73	15	141	92	1,753	2,669	146	67	119	263	3,264
8-9am	1,292	105	14	112	85	1,608	2,911	68	66	135	269	3,449
9-10am	1,131	122	10	133	90	1,486	2,389	71	103	167	238	2,968
10-11am	1,724	61	3	55	72	1,915	1,747	22	25	51	69	1,914
11-12am	1,895	52	7	124	113	2,191	1,475	14	82	91	102	1,764
12-1pm	2,270	30	22	91	98	2,511	1,830	8	62	70	62	2,032
1-2pm	2,356	40	87	187	310	2,980	1,633	20	129	139	130	2,051
2-3pm	2,767	17	70	167	219	3,240	1,797	86	107	151	121	2,262
3-4pm	2,986	30	34	57	127	3,234	2,044	80	82	64	91	2,361
4-5pm	2,658	23	76	96	307	3,160	1,817	189	152	52	169	2,379
5-6pm	2,760	23	21	53	247	3,104	1,860	95	107	98	102	2,262
6-7pm	2,710	10	29	63	160	2,972	1,972	30	57	53	61	2,173
7-8pm	---	---	---	---	---	2,510	---	---	---	---	---	1,840
8-9pm	---	---	---	---	---	2,278	---	---	---	---	---	1,486
9-10pm	---	---	---	---	---	2,276	---	---	---	---	---	1,424
10-11pm	---	---	---	---	---	2,195	---	---	---	---	---	1,313
11-12pm	---	---	---	---	---	1,637	---	---	---	---	---	1,137
Totals	---	---	---	---	---	46,830	---	---	---	---	---	41,048
7-10am	3,855	300	39	386	267	4,847	7,969	285	236	421	770	9,681
10am-1pm	5,889	143	32	270	283	6,617	5,052	44	169	212	233	5,710
1-4pm	8,109	87	191	411	656	9,454	5,474	186	318	354	342	6,674
4-7pm	8,128	56	126	212	714	9,236	5,649	314	316	203	332	6,814
7am-7pm	25,981	586	388	1,279	1,920	30,154	24,144	829	1,039	1,190	1,677	28,879
6-10am						6,672						12,035
3-7pm	11,114	86	160	269	841	12,470	7,693	394	398	267	423	9,175
6am-7pm						31,979						31,233
					</							

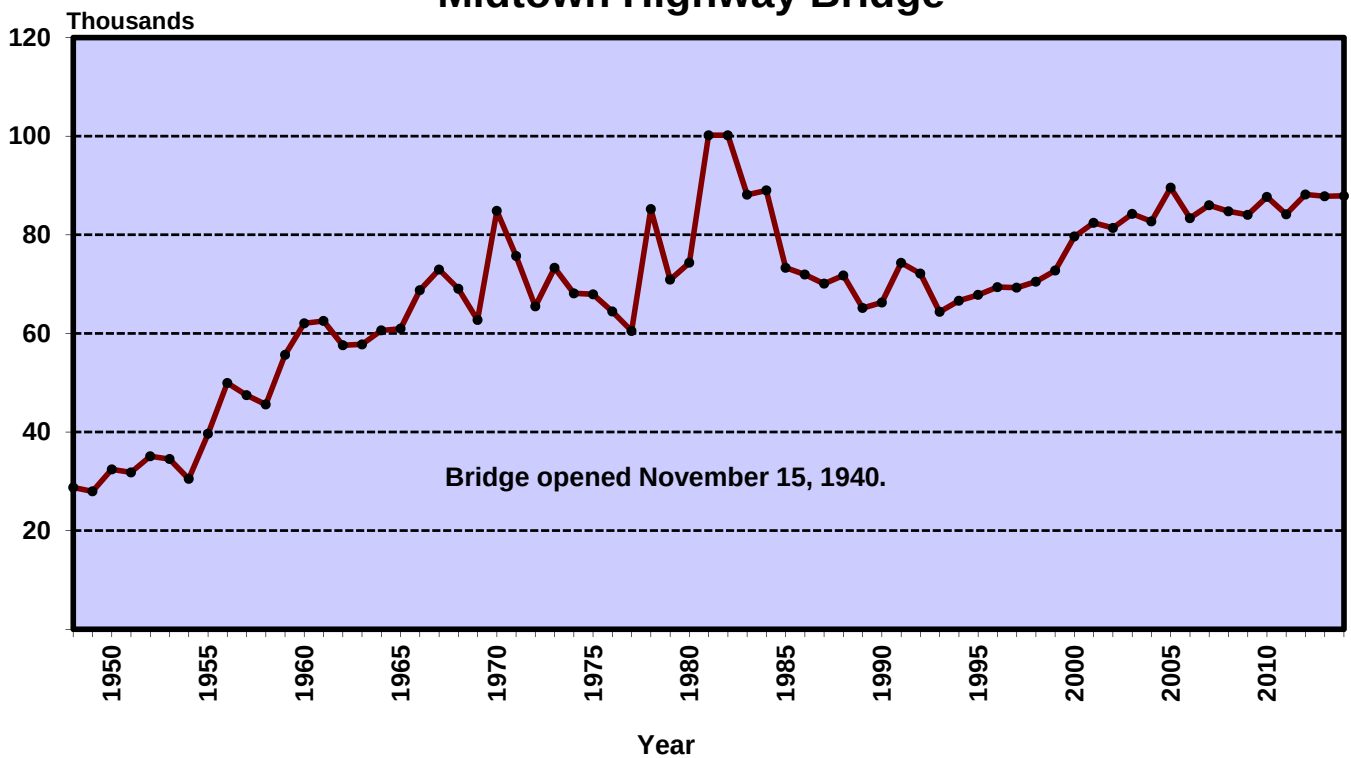
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Midtown Highway Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Midtown Highway Bridge



Hourly Vehicular Volumes

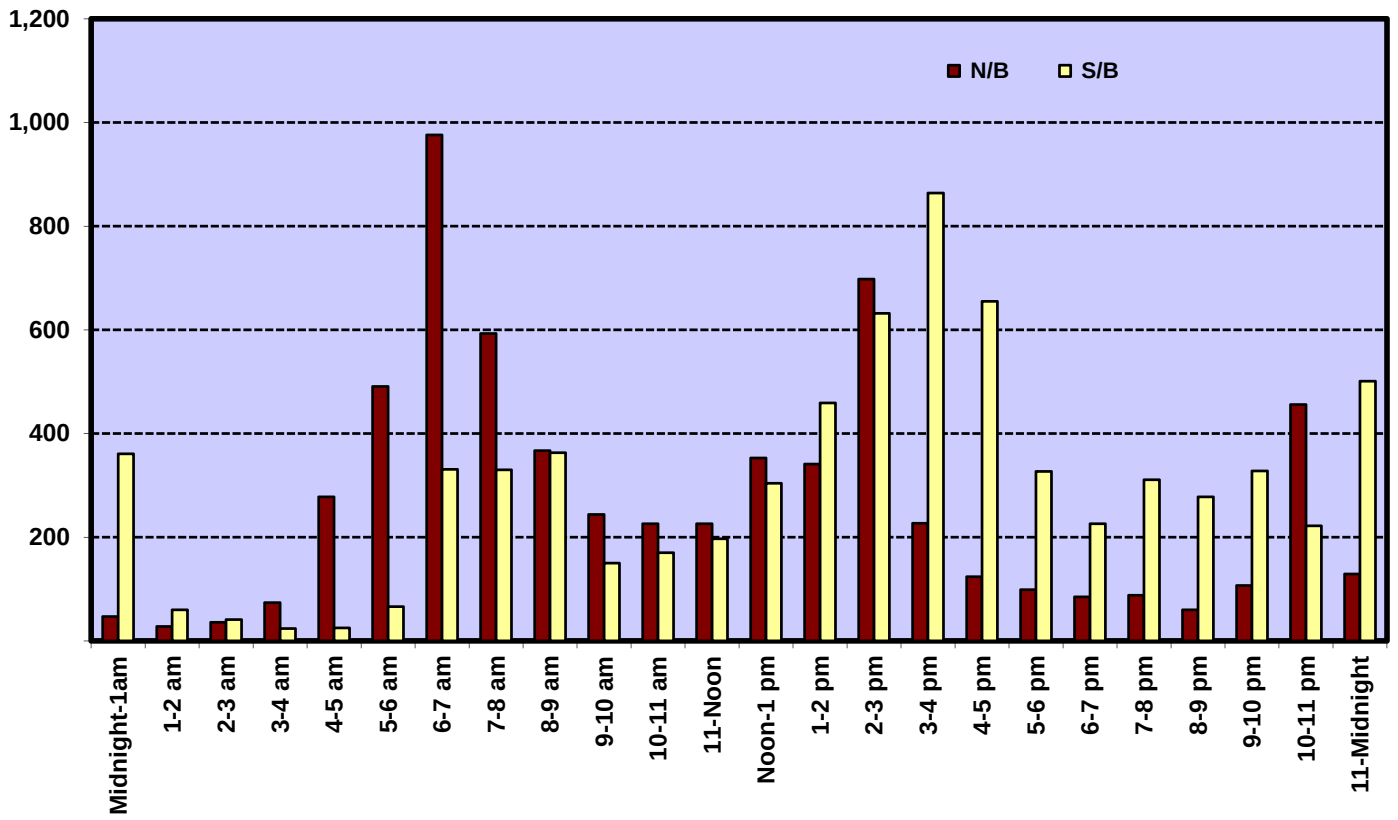
Rikers Island Bridge - 2014

	Northbound					Totals	Southbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	47	---	---	---	---	---	361
1-2am	---	---	---	---	---	28	---	---	---	---	---	60
2-3am	---	---	---	---	---	36	---	---	---	---	---	41
3-4am	---	---	---	---	---	74	---	---	---	---	---	24
4-5am	---	---	---	---	---	278	---	---	---	---	---	25
5-6am	---	---	---	---	---	491	---	---	---	---	---	66
6-7am	---	---	---	---	---	976 **	---	---	---	---	---	331
7-8am	492	7	2	32	60	593	286	20	10	10	4	330
8-9am	315	7	1	19	25	367	295	16	19	24	9	363
9-10am	169	24	1	22	28	244	109	11	3	21	6	150
10-11am	174	13	0	18	21	226	138	14	4	12	2	170
11-12am	159	13	2	24	28	226	130	21	13	23	10	197
12-1pm	308	15	1	10	19	353	265	11	13	9	6	304
1-2pm	293	26	1	8	13	341	400	17	22	14	6	459
2-3pm	616	16	1	19	46	698	548	16	30	25	13	632 **
3-4pm	203	8	1	5	10	227	807	15	26	15	1	864 **
4-5pm	106	8	1	3	6	124	607	9	25	14	0	655
5-6pm	80	8	1	0	10	99	295	9	16	3	4	327
6-7pm	56	18	2	4	5	85	191	6	24	5	0	226
7-8pm	---	---	---	---	---	88	---	---	---	---	---	311
8-9pm	---	---	---	---	---	60	---	---	---	---	---	278
9-10pm	---	---	---	---	---	107	---	---	---	---	---	328
10-11pm	---	---	---	---	---	456	---	---	---	---	---	222
11-12pm	---	---	---	---	---	129	---	---	---	---	---	501
Totals	---	---	---	---	---	6,353	---	---	---	---	---	7,225
7-10am	976	38	4	73	113	1,204	690	47	32	55	19	843
10am-1pm	641	41	3	52	68	805	533	46	30	44	18	671
1-4pm	1,112	50	3	32	69	1,266	1,755	48	78	54	20	1,955
4-7pm	242	34	4	7	21	308	1,093	24	65	22	4	1,208
7am-7pm	2,971	163	14	164	271	3,583	4,071	165	205	175	61	4,677
6-10am						2,180						1,174
3-7pm	445	42	5	12	31	535	1,900	39	91	37	5	2,072
6am-7pm						4,559						5,008
2-Way Totals												

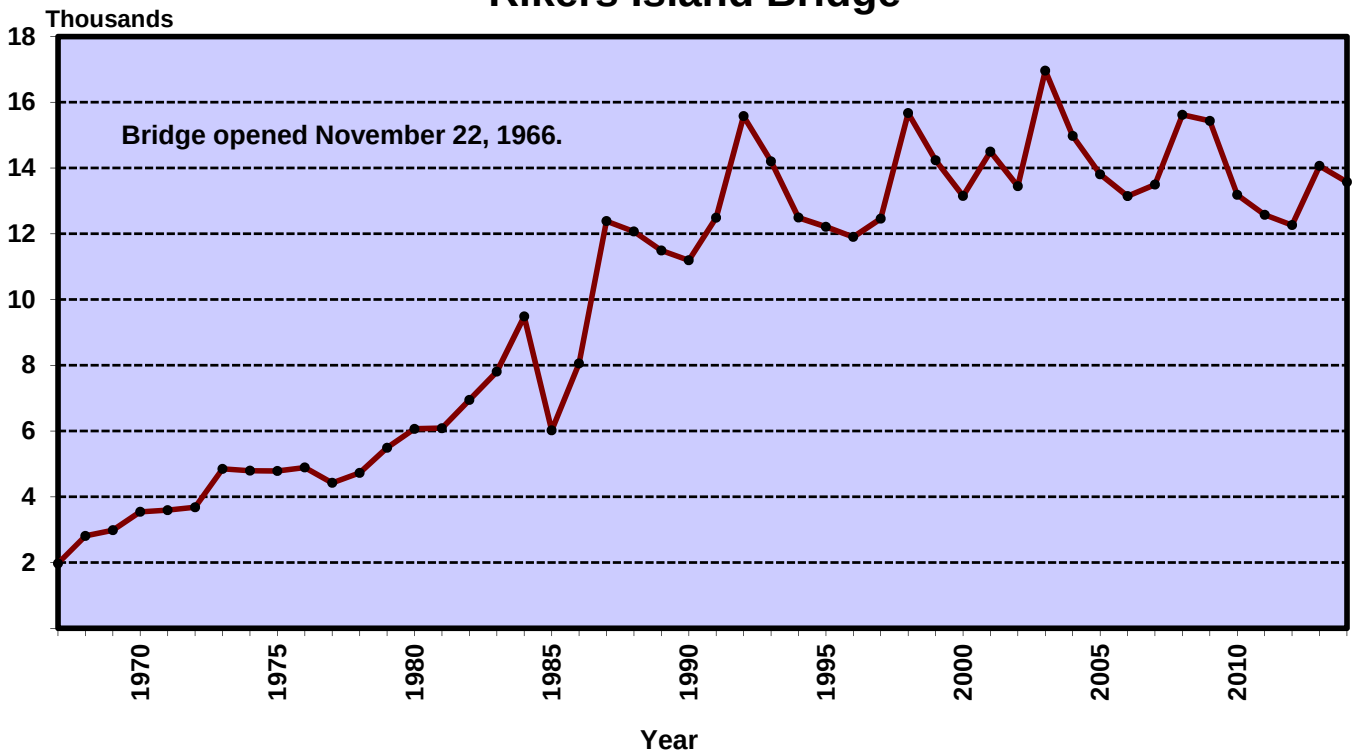
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Rikers Island Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Rikers Island Bridge



Hourly Vehicular Volumes

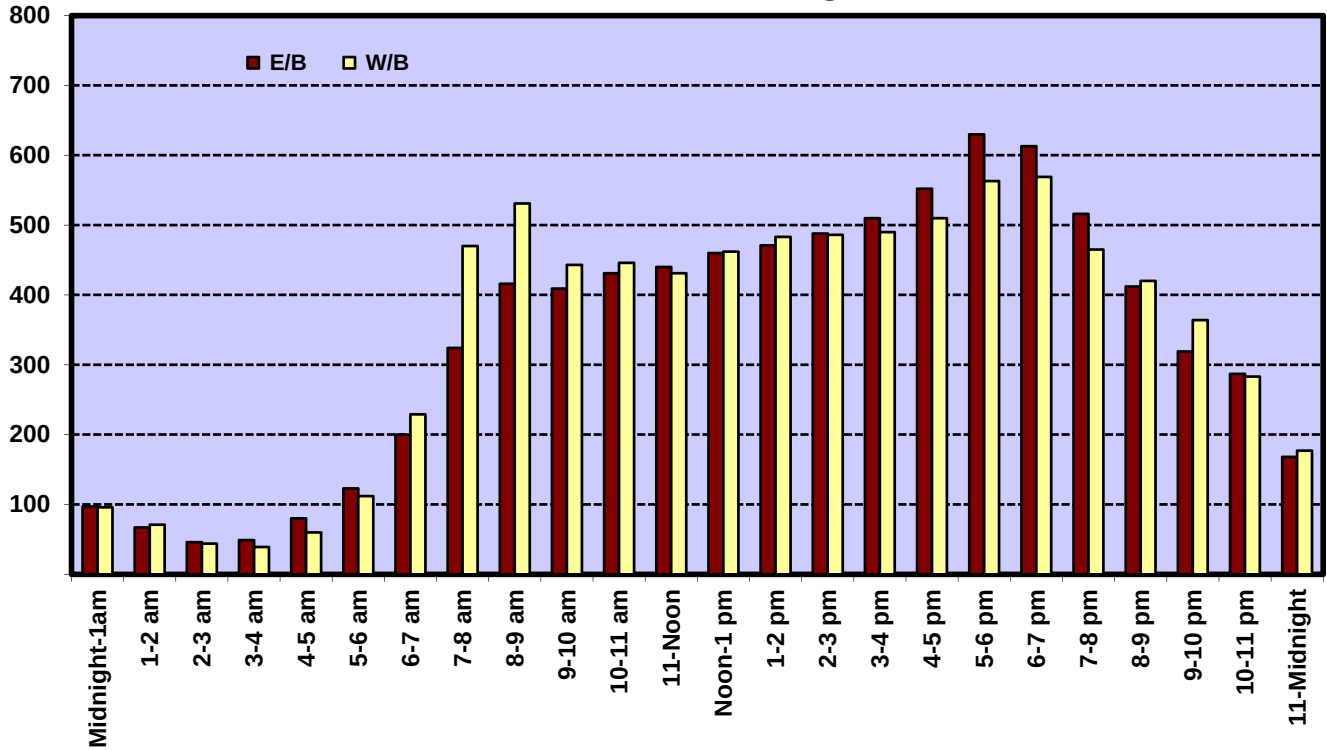
Roosevelt Avenue Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	97	---	---	---	---	---	96
1-2am	---	---	---	---	---	67	---	---	---	---	---	71
2-3am	---	---	---	---	---	46	---	---	---	---	---	44
3-4am	---	---	---	---	---	49	---	---	---	---	---	39
4-5am	---	---	---	---	---	80	---	---	---	---	---	60
5-6am	---	---	---	---	---	123	---	---	---	---	---	112
6-7am	---	---	---	---	---	200	---	---	---	---	---	229
7-8am	254	22	9	24	15	324	399	3	12	29	27	470
8-9am	324	14	9	33	36	416	468	14	8	16	25	531
9-10am	323	6	9	33	38	409	356	38	8	19	22	443
10-11am	377	5	9	18	22	431	415	7	2	16	6	446
11-12am	350	9	9	33	39	440	389	14	3	17	8	431
12-1pm	423	5	7	14	11	460	445	9	1	3	4	462
1-2pm	417	26	2	8	18	471	464	12	0	2	5	483
2-3pm	370	25	12	43	38	488	454	7	2	12	11	486
3-4pm	449	10	7	20	24	510	414	58	1	8	9	490
4-5pm	417	7	22	41	65	552	477	12	3	9	9	510
5-6pm	518	4	18	23	67	630 **	537	7	2	10	7	563 **
6-7pm	520	4	14	22	53	613	519	26	5	10	9	569 **
7-8pm	---	---	---	---	---	516	---	---	---	---	---	465
8-9pm	---	---	---	---	---	412	---	---	---	---	---	420
9-10pm	---	---	---	---	---	319	---	---	---	---	---	364
10-11pm	---	---	---	---	---	287	---	---	---	---	---	283
11-12pm	---	---	---	---	---	168	---	---	---	---	---	177
Totals	---	---	---	---	---	8,108	---	---	---	---	---	8,244
7-10am	901	42	27	90	89	1,149	1,223	55	28	64	74	1,444
10am-1pm	1,150	19	25	65	72	1,331	1,249	30	6	36	18	1,339
1-4pm	1,236	61	21	71	80	1,469	1,332	77	3	22	25	1,459
4-7pm	1,455	15	54	86	185	1,795	1,533	45	10	29	25	1,642
7am-7pm	4,742	137	127	312	426	5,744	5,337	207	47	151	142	5,884
6-10am						1,349						1,673
3-7pm	1,904	25	61	106	209	2,305	1,947	103	11	37	34	2,132
6am-7pm						5,944						6,113
2-Way Totals												
	193											
	138											
	90											
	88											
	140											
	235											
	429											
	794											
	947											
	852											
	877											
	871											
	922											
	954											
	974											
	1,000											
	1,062											
	1,193 **											
	1,182											
	981											
	832											
	683											
	570											
	345											
	16,352											

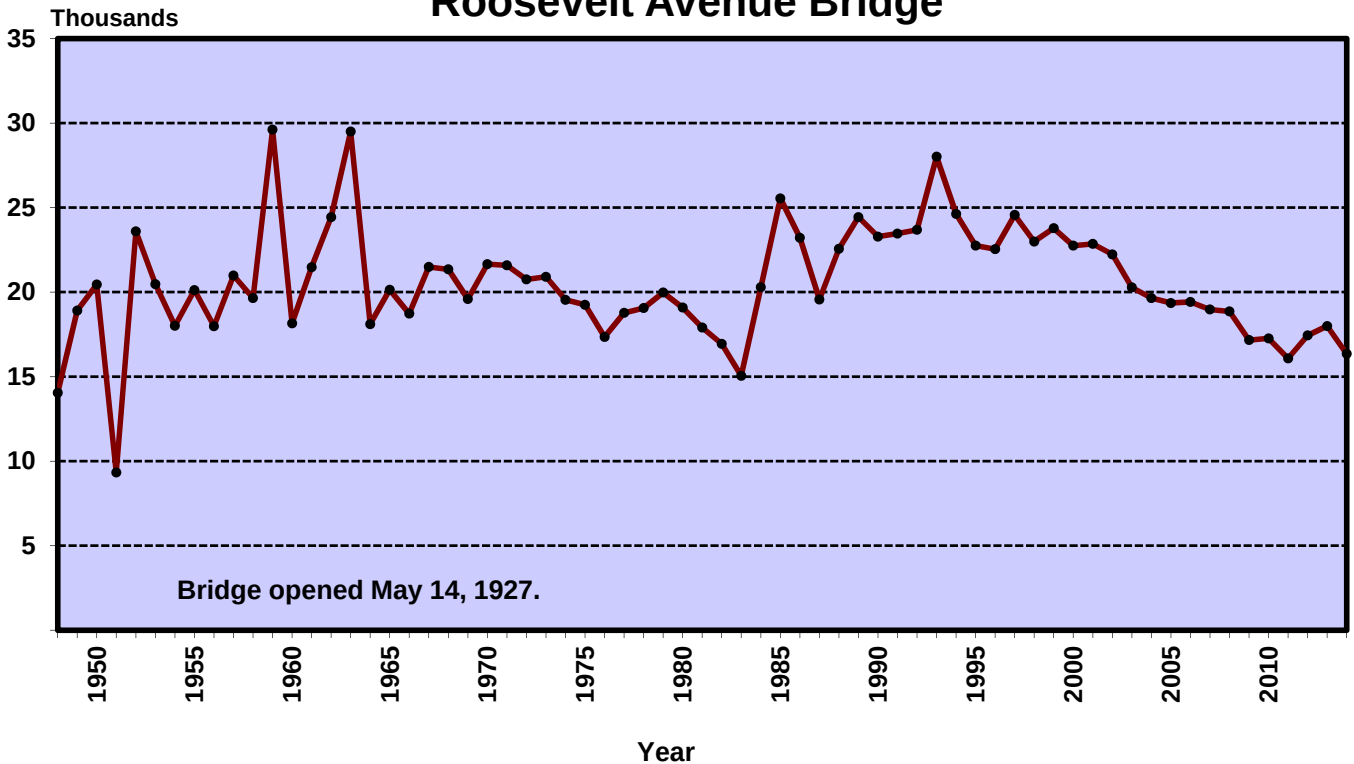
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Roosevelt Avenue Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Roosevelt Avenue Bridge



Hourly Vehicular Volumes

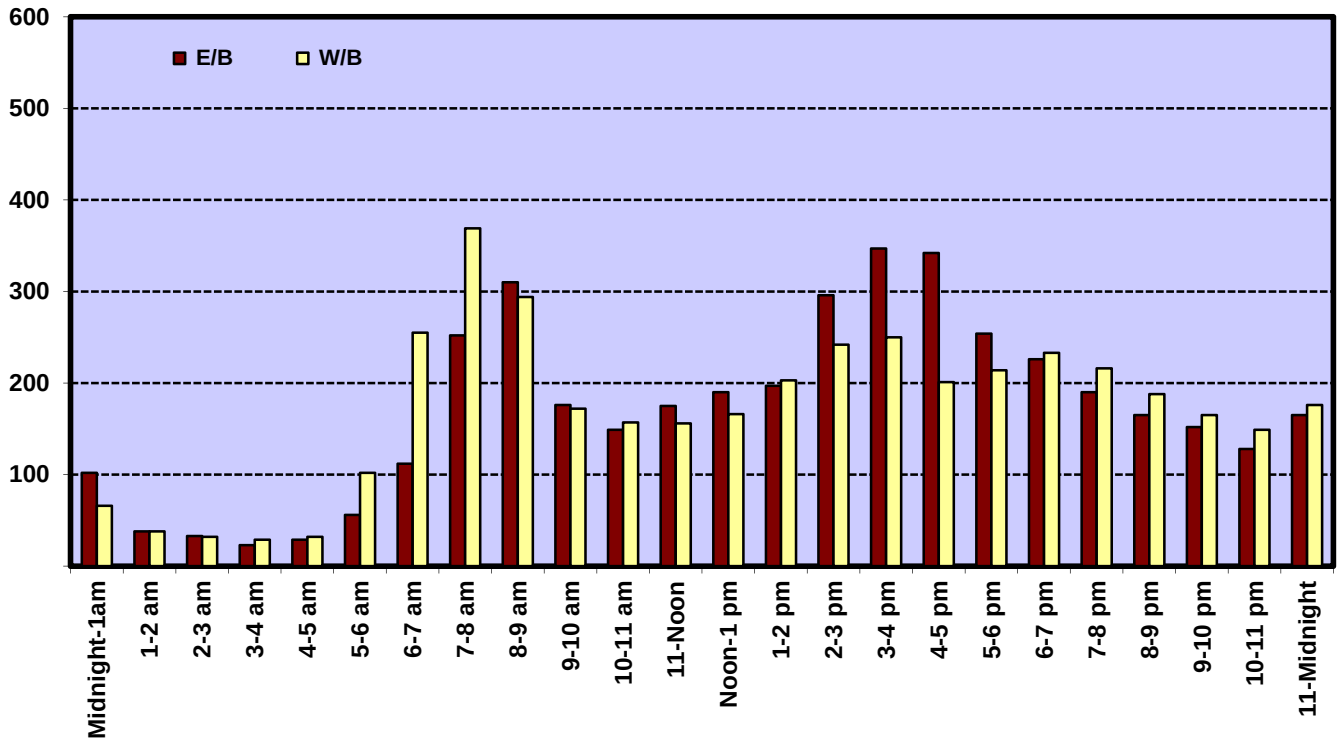
Roosevelt Island Bridge - 2014

	Eastbound					Totals	Westbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	102	---	---	---	---	---	66
1-2am	---	---	---	---	---	38	---	---	---	---	---	38
2-3am	---	---	---	---	---	33	---	---	---	---	---	32
3-4am	---	---	---	---	---	23	---	---	---	---	---	29
4-5am	---	---	---	---	---	29	---	---	---	---	---	32
5-6am	---	---	---	---	---	56	---	---	---	---	---	102
6-7am	---	---	---	---	---	112	---	---	---	---	---	255
7-8am	222	12	11	4	3	252	328	6	20	9	6	369 **
8-9am	246	17	21	17	9	310	275	4	2	10	3	294
9-10am	134	8	9	20	5	176	150	4	7	10	1	172
10-11am	132	2	3	8	4	149	134	4	1	10	8	157
11-12am	134	5	8	14	14	175	118	3	7	21	7	156
12-1pm	167	3	2	12	6	190	137	19	2	5	3	166
1-2pm	178	6	2	4	7	197	180	6	1	9	7	203
2-3pm	253	5	5	25	8	296	213	7	5	9	8	242
3-4pm	316	17	1	6	7	347 **	235	6	4	3	2	250
4-5pm	323	4	7	1	7	342	182	7	5	2	5	201
5-6pm	239	4	0	3	8	254	197	7	0	3	7	214
6-7pm	209	2	1	1	13	226	222	4	3	3	1	233
7-8pm	---	---	---	---	---	190	---	---	---	---	---	216
8-9pm	---	---	---	---	---	165	---	---	---	---	---	188
9-10pm	---	---	---	---	---	152	---	---	---	---	---	165
10-11pm	---	---	---	---	---	128	---	---	---	---	---	149
11-12pm	---	---	---	---	---	165	---	---	---	---	---	176
Totals	---	---	---	---	---	4,107	---	---	---	---	---	4,105
7-10am	602	37	41	41	17	738	753	14	29	29	10	835
10am-1pm	433	10	13	34	24	514	389	26	10	36	18	479
1-4pm	747	28	8	35	22	840	628	19	10	21	17	695
4-7pm	771	10	8	5	28	822	601	18	8	8	13	648
7am-7pm	2,553	85	70	115	91	2,914	2,371	77	57	94	58	2,657
6-10am						850						1,090
3-7pm	1,087	27	9	11	35	1,169	836	24	12	11	15	898
6am-7pm						3,026						2,912
												5,938
												8,212

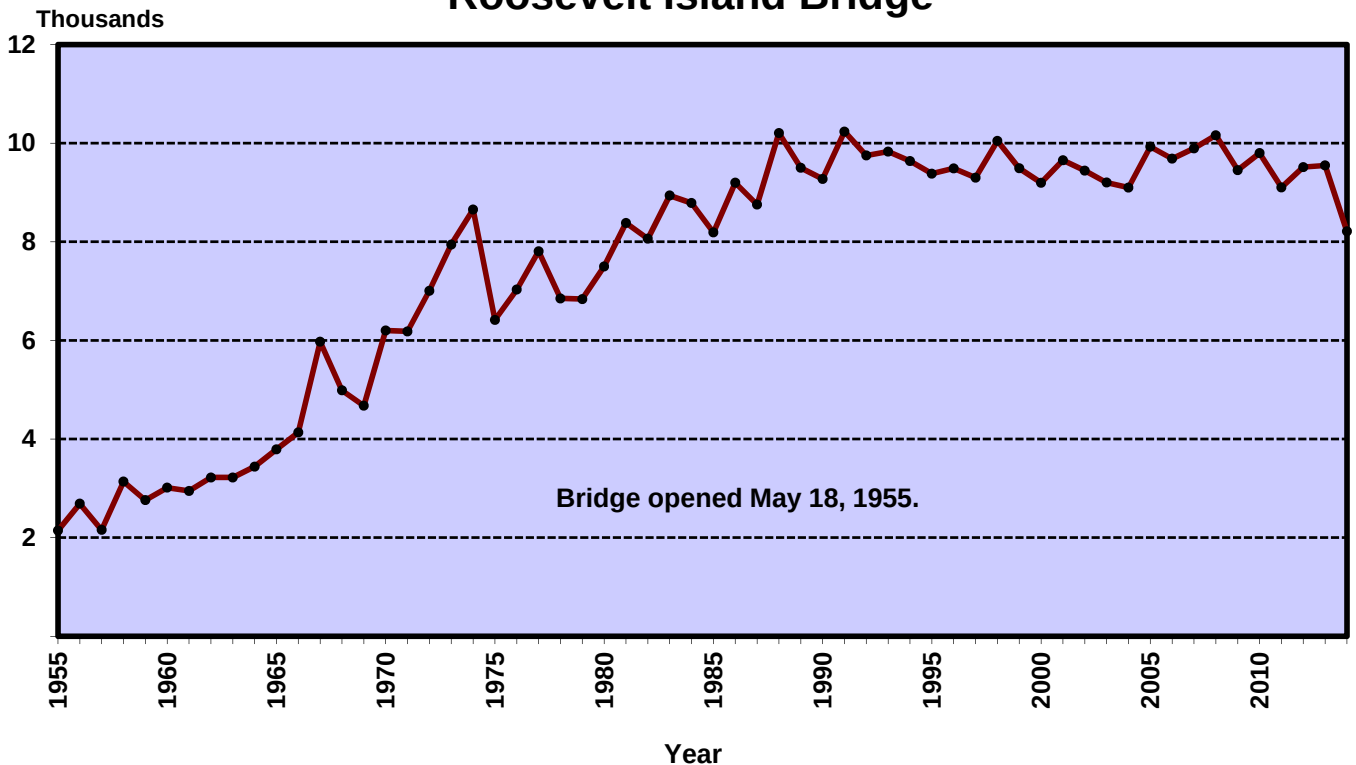
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Roosevelt Island Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Roosevelt Island Bridge



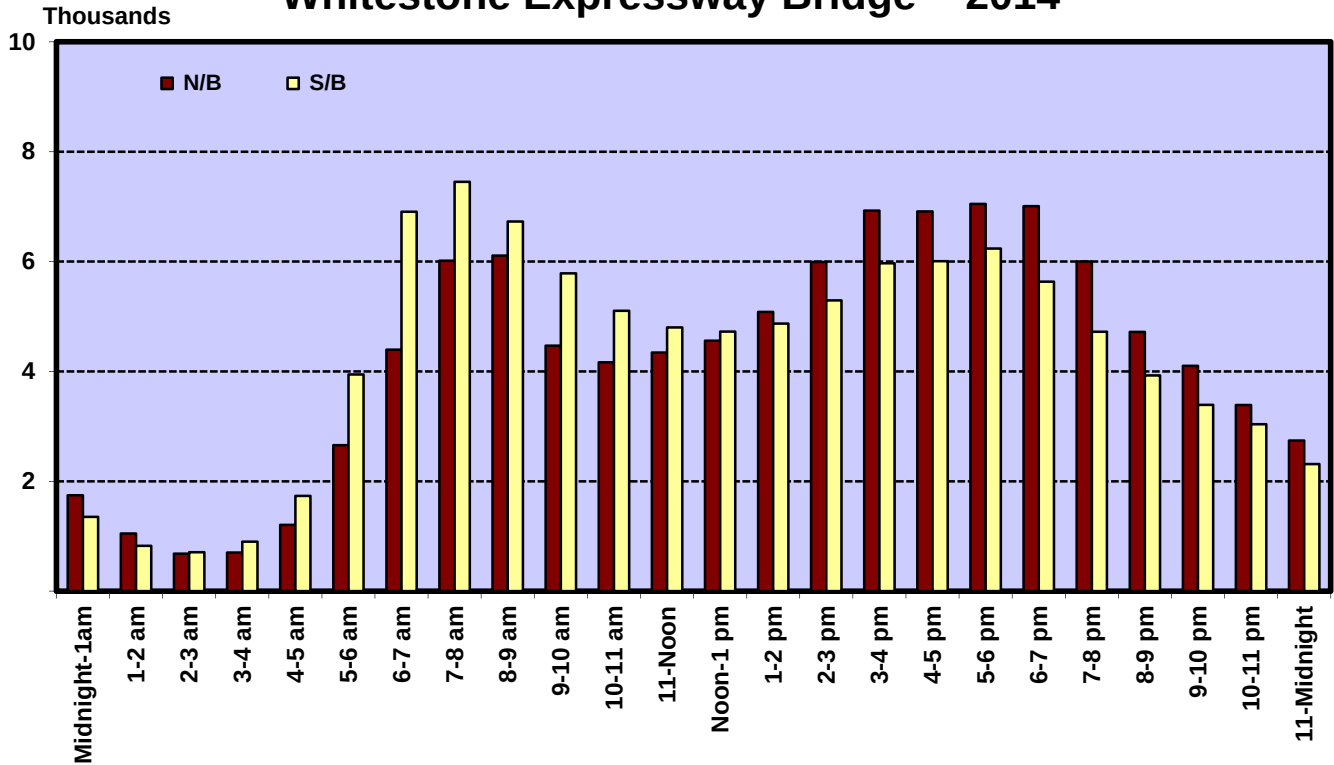
Hourly Vehicular Volumes Whitestone Expressway Bridge - 2014

	Northbound					Southbound					2-Way Totals	
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks		Commercial Vans
12-1am	---	---	---	---	---	1,745	---	---	---	---	---	1,353
1-2am	---	---	---	---	---	1,051	---	---	---	---	---	825
2-3am	---	---	---	---	---	684	---	---	---	---	---	710
3-4am	---	---	---	---	---	702	---	---	---	---	---	902
4-5am	---	---	---	---	---	1,208	---	---	---	---	---	1,734
5-6am	---	---	---	---	---	2,656	---	---	---	---	---	3,944
6-7am	---	---	---	---	---	4,395	---	---	---	---	---	6,907
7-8am	5,064	96	183	312	360	6,015	5,950	62	243	530	667	7,452 **
8-9am	5,076	79	303	403	249	6,110	5,587	72	190	475	405	6,729
9-10am	3,593	71	168	424	212	4,468	4,537	78	204	533	436	5,784
10-11am	3,642	37	86	248	152	4,165	4,627	22	115	216	123	5,103
11-12am	3,309	28	163	562	283	4,345	3,845	24	207	472	252	4,800
12-1pm	4,030	71	65	262	131	4,559	4,195	31	102	235	163	4,726
1-2pm	4,605	63	45	240	129	5,082	4,266	62	97	274	171	4,870
2-3pm	4,859	69	147	499	417	5,991	4,249	75	170	496	304	5,294
3-4pm	6,307	30	87	249	253	6,926	5,355	98	120	231	166	5,970
4-5pm	5,973	26	166	339	407	6,911	5,041	60	219	394	294	6,008
5-6pm	6,173	35	167	268	406	7,049 **	5,643	27	164	233	169	6,236
6-7pm	6,265	54	174	178	338	7,009	5,193	10	176	107	148	5,634
7-8pm	---	---	---	---	---	6,002	---	---	---	---	---	4,723
8-9pm	---	---	---	---	---	4,718	---	---	---	---	---	3,927
9-10pm	---	---	---	---	---	4,103	---	---	---	---	---	3,392
10-11pm	---	---	---	---	---	3,388	---	---	---	---	---	3,040
11-12pm	---	---	---	---	---	2,742	---	---	---	---	---	2,314
Totals	---	---	---	---	---	102,024	---	---	---	---	---	102,377
7-10am	13,733	246	654	1,139	821	16,593	16,070	212	637	1,538	1,508	19,965
10am-1pm	10,981	136	314	1,072	566	13,069	12,667	77	424	923	538	14,629
1-4pm	15,771	162	279	988	799	17,999	13,870	235	387	1,001	641	16,134
4-7pm	18,411	115	507	785	1,151	20,969	15,877	97	559	734	611	17,878
7am-7pm	58,896	659	1,754	3,984	3,337	68,630	58,484	621	2,007	4,196	3,298	68,606
6-10am						20,988						26,872
3-7pm	24,718	145	594	1,034	1,404	27,895	21,232	195	679	965	777	23,848
6am-7pm						73,025						75,513
												148,538

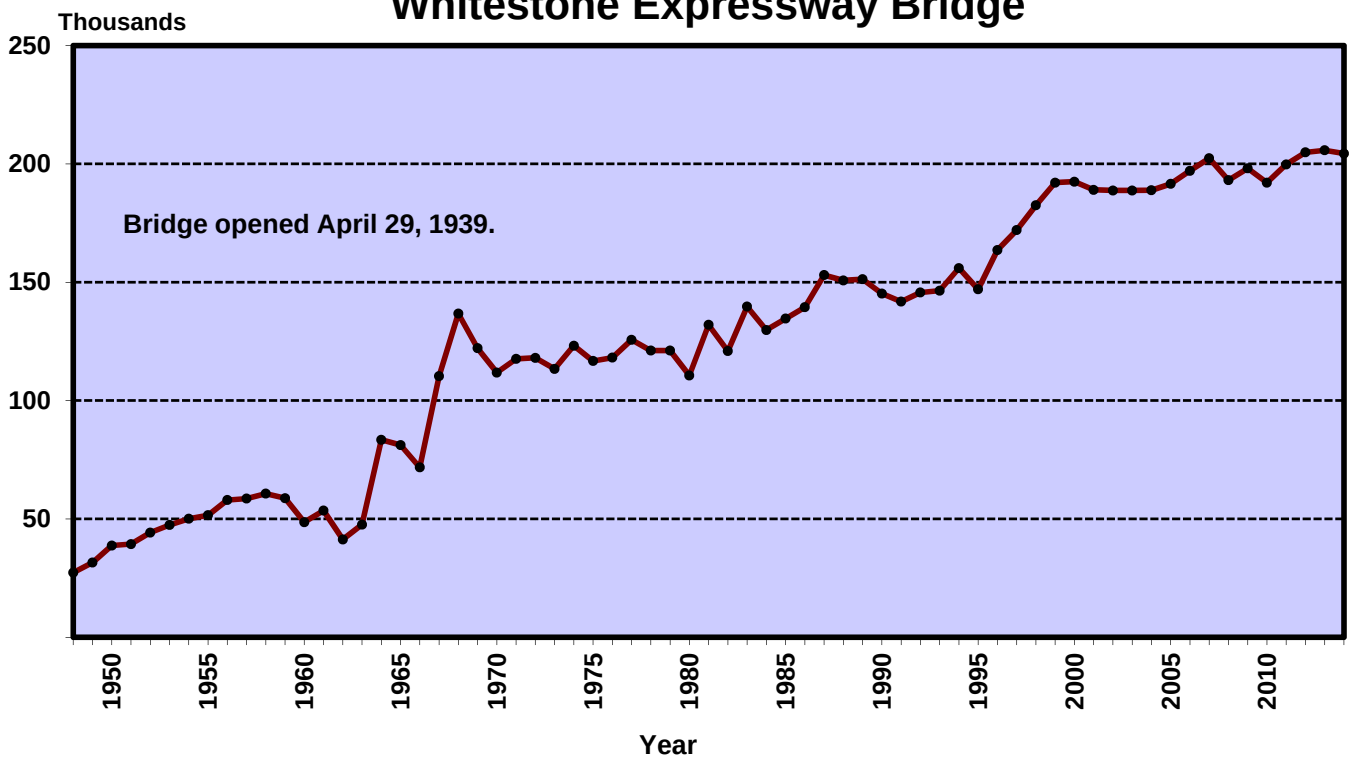
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Whitestone Expressway Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Whitestone Expressway Bridge



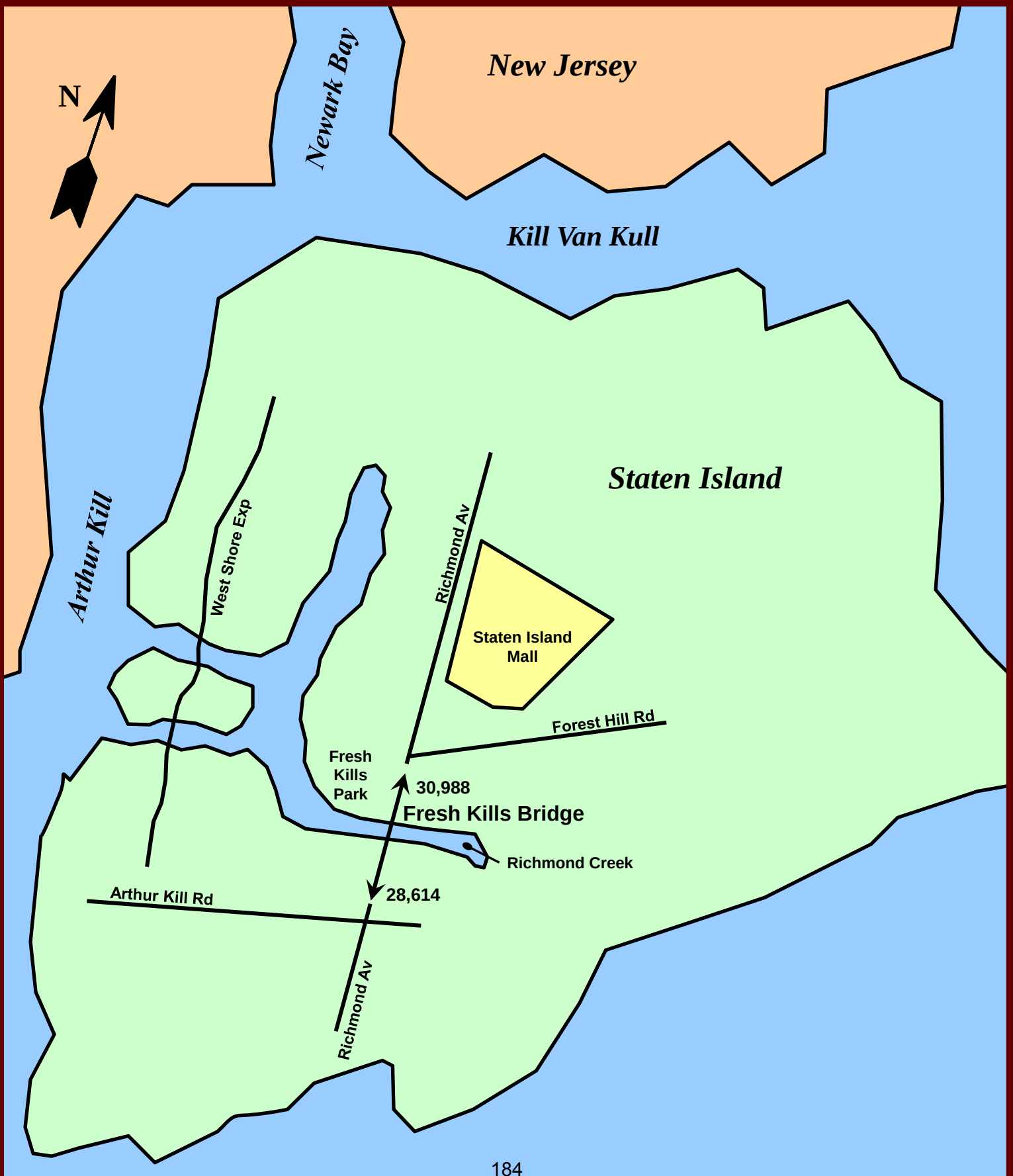
Staten Island ~ Fresh Kills Bridge



Fresh Kills Bridge

Staten Island ~ Fresh Kills Bridge

2014 Daily Volumes



Staten Island Bridges
Average Daily Traffic Volumes
1948 - 2014

<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
2008	64,724
2009	64,490
2010	65,612
2011	60,678
2012	58,026
2013	60,240
2014	59,602

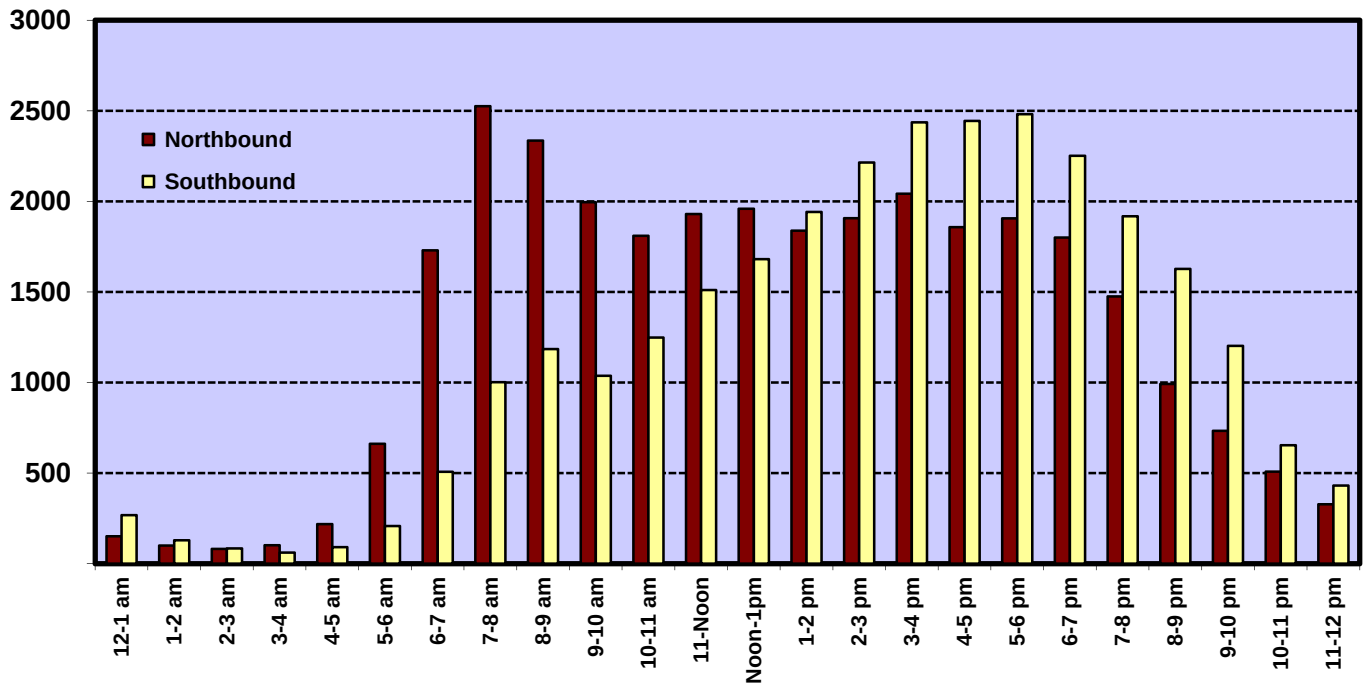
Hourly Vehicular Volumes Fresh Kills Bridge - 2014

	Northbound					Totals	Southbound					Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans		Autos	Buses	Commuter Vans	Trucks	Commercial Vans	
12-1am	---	---	---	---	---	151	---	---	---	---	---	268
1-2am	---	---	---	---	---	100	---	---	---	---	---	129
2-3am	---	---	---	---	---	81	---	---	---	---	---	84
3-4am	---	---	---	---	---	102	---	---	---	---	---	61
4-5am	---	---	---	---	---	218	---	---	---	---	---	91
5-6am	---	---	---	---	---	662	---	---	---	---	---	208
6-7am	---	---	---	---	---	1,730	---	---	---	---	---	507
7-8am	1,328	139	402	445	212	2,526	873	59	6	35	29	1,002
8-9am	1,002	220	434	531	149	2,336	1,056	22	4	69	34	1,185
9-10am	1,427	25	210	282	52	1,996	907	16	4	74	36	1,037
10-11am	1,580	35	71	104	20	1,810	1,165	14	0	44	25	1,248
11-12am	1,376	72	174	273	35	1,930	1,311	14	2	120	64	1,511
12-1pm	1,637	27	89	173	33	1,959	1,519	34	0	84	44	1,681
1-2pm	1,614	48	64	75	37	1,838	1,773	74	0	68	27	1,942
2-3pm	1,442	83	138	220	24	1,907	1,832	65	0	209	109	2,215
3-4pm	1,770	89	83	87	13	2,042	2,220	39	5	90	82	2,436
4-5pm	1,524	43	117	142	32	1,858	2,161	25	3	156	99	2,444
5-6pm	1,504	87	155	138	22	1,906	2,123	31	3	195	129	2,481
6-7pm	1,402	127	139	101	31	1,800	1,952	28	13	147	112	2,252
7-8pm	---	---	---	---	---	1,475	---	---	---	---	---	1,918
8-9pm	---	---	---	---	---	992	---	---	---	---	---	1,627
9-10pm	---	---	---	---	---	733	---	---	---	---	---	1,202
10-11pm	---	---	---	---	---	508	---	---	---	---	---	654
11-12pm	---	---	---	---	---	328	---	---	---	---	---	431
Totals	---	---	---	---	---	30,988	---	---	---	---	---	59,602
7-10am	3,757	384	1,046	1,258	413	6,858	2,836	97	14	178	99	3,224
10am-1pm	4,593	134	334	550	88	5,699	3,995	62	2	248	133	4,440
1-4pm	4,826	220	285	382	74	5,787	5,825	178	5	367	218	6,593
4-7pm	4,430	257	411	381	85	5,564	6,236	84	19	498	340	7,177
7am-7pm	17,606	995	2,076	2,571	660	23,908	18,892	421	40	1,291	790	21,434
6-10am						8,588						3,731
3-7pm	6,200	346	494	468	98	7,606	8,456	123	24	588	422	9,613
6am-7pm						25,638						21,941
												47,579

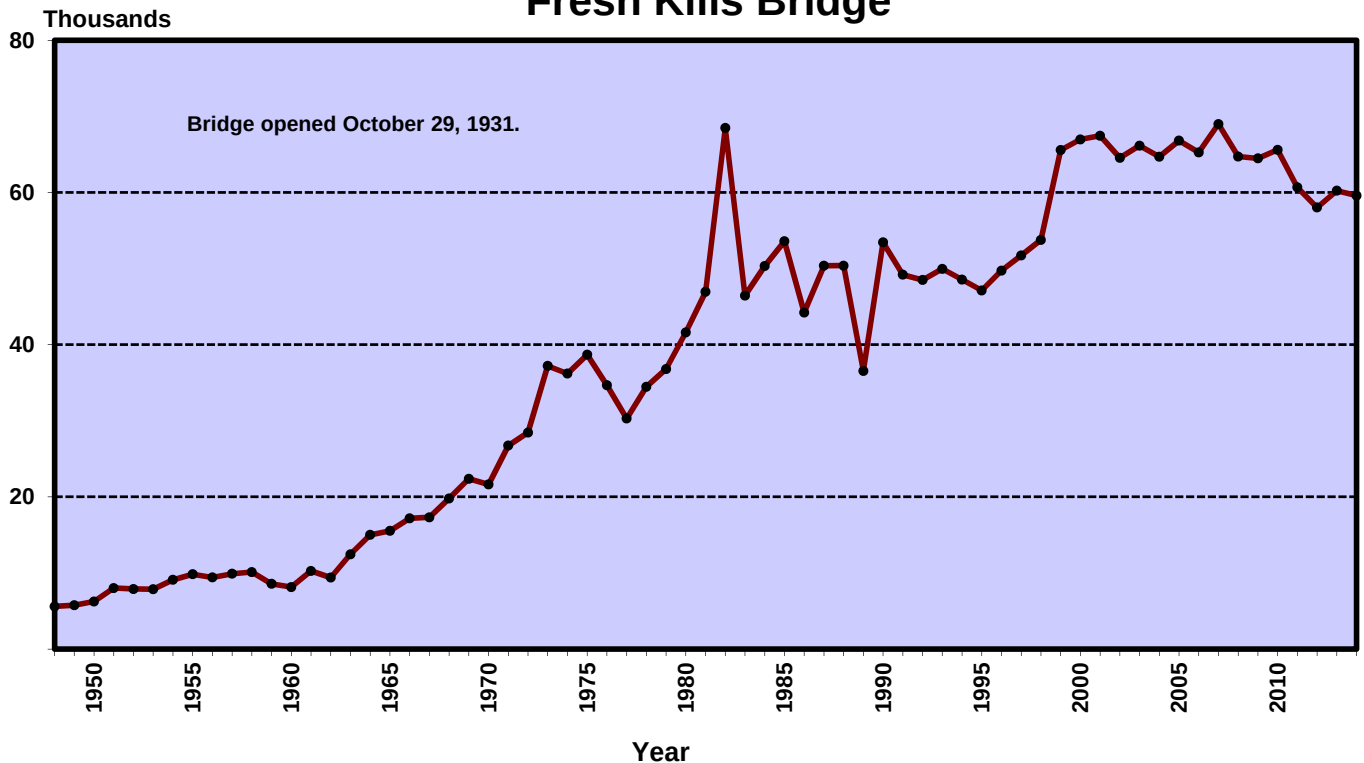
Based on 1989 Classification Survey Data

** Peak Volumes

Hourly Vehicular Volumes Fresh Kills Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Fresh Kills Bridge



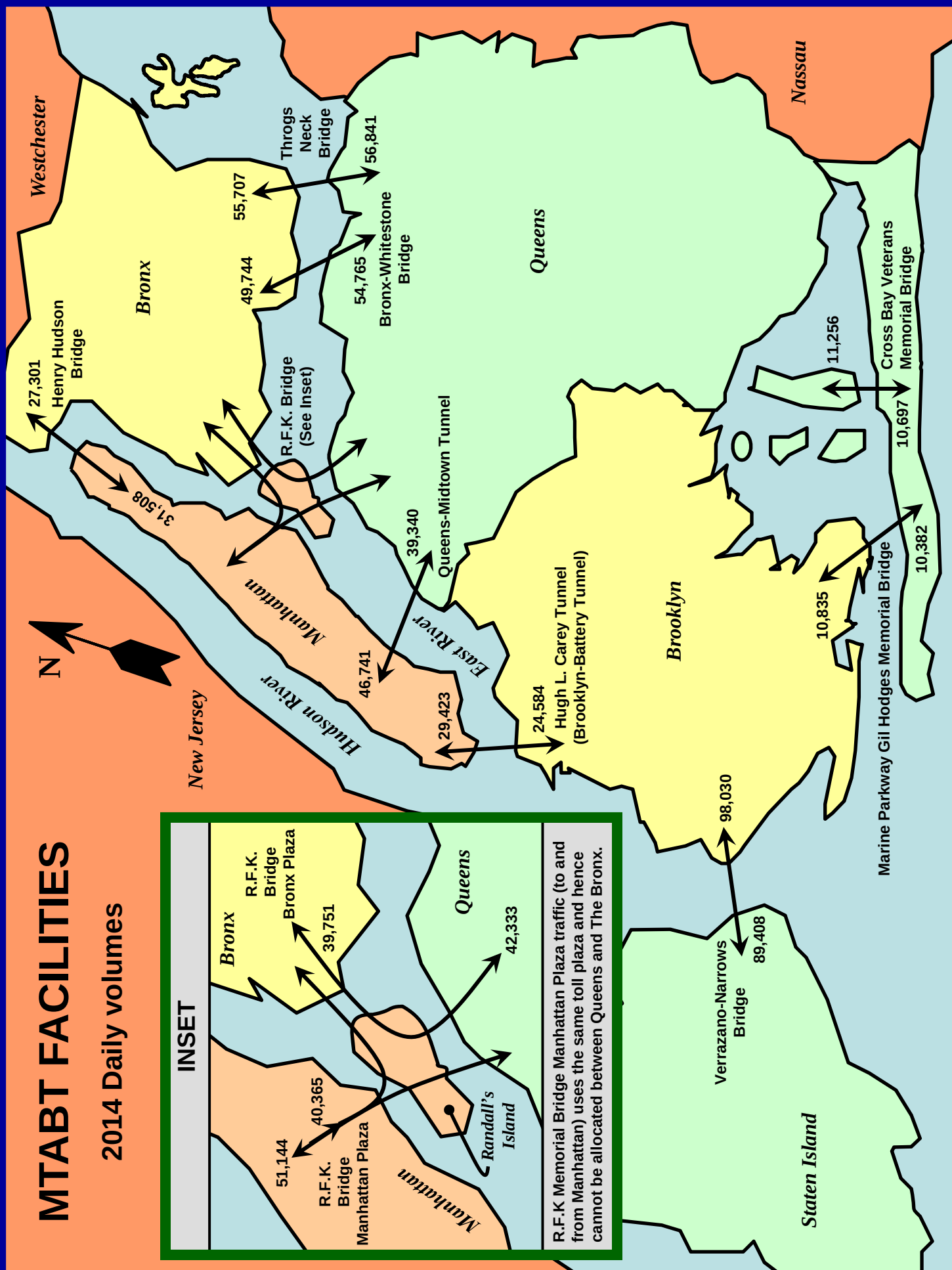
MTABT Facilities



Bronx - Whitestone Bridge

MTABT FACILITIES

2014 Daily volumes



**MTABT Manhattan Facilities ~ Average Daily Traffic Volumes
1948 - 2014**

Year	Hugh L. Carey Tunnel		Robert F. Kennedy Memorial Bridge		Manhattan Totals
	Henry Hudson Bridge	(Brooklyn- Battery Tunnel)	Queens- Midtown Tunnel	Manh. Plz. (Triborough Bridge)	
1948	40,050	<i>Opened</i>	26,462	26,465	92,977
1949	47,472	<i>05/25/1950</i>	30,045	32,554	110,071
1950	53,559	37,258	34,044	36,995	161,856
1951	57,700	41,253	36,680	44,639	180,272
1952	61,592	45,366	38,866	48,503	194,327
1953	65,432	47,999	38,509	48,595	200,535
1954	69,025	45,120	38,185	52,286	204,616
1955	71,240	45,843	39,839	59,913	216,835
1956	69,477	48,054	49,544	64,460	231,535
1957	62,865	54,490	54,311	64,677	236,343
1958	57,321	53,789	58,321	62,982	232,413
1959	56,529	49,468	61,115	64,389	231,501
1960	56,675	48,970	62,008	63,115	230,768
1961	57,140	48,197	62,301	59,603	227,241
1962	59,548	48,173	65,038	60,251	233,010
1963	52,803	48,271	63,038	60,988	225,100
1964	50,768	51,893	67,713	66,139	236,513
1965	45,353	56,455	69,386	69,755	240,949
1966	44,043	57,674	69,850	71,540	243,107
1967	43,409	57,611	69,416	73,602	244,038
1968	44,908	60,652	66,432	75,932	247,924
1969	45,382	62,116	68,884	78,481	254,863
1970	46,720	62,042	77,180	85,121	271,063
1971	50,541	64,032	81,747	90,372	286,692
1972	45,818	52,065	74,936	80,052	252,871
1973	41,871	49,916	74,214	85,592	251,593
1974	38,331	46,620	75,219	82,676	242,846
1975	30,603	45,636	65,315	72,566	214,120
1976	30,557	52,444	65,881	68,325	217,207
1977	31,840	53,500	71,150	73,276	229,766
1978	33,605	58,252	72,696	76,572	241,125
1979	33,387	60,445	69,827	87,885	251,544
1980	31,817	62,386	73,216	88,439	255,858
1981	36,625	58,657	81,211	93,361	269,854
1982	30,923	56,189	78,229	88,158	253,499
1983	31,279	61,130	78,134	92,967	263,510
1984	34,898	58,032	74,808	95,247	262,985
1985	41,680	63,469	76,065	94,644	275,858
1986	49,005	60,778	71,478	93,432	274,693
1987	52,778	63,256	77,813	95,795	289,642
1988	54,910	62,959	76,243	99,438	293,550
1989	50,556	59,254	72,828	92,720	275,358
1990	57,528	60,512	71,186	99,840	289,066
1991	56,279	63,883	80,616	94,487	295,265
1992	58,660	62,510	81,835	97,198	300,203
1993	54,650	57,561	77,288	92,660	282,159
1994	58,291	57,013	68,511	79,536	263,351
1995	62,899	61,097	73,882	95,696	293,574
1996	58,759	57,091	72,285	92,981	281,116
1997	59,660	54,690	78,023	91,313	283,686
1998	59,339	61,091	79,697	93,863	293,990
1999	61,165	63,307	80,941	98,553	303,966
2000	66,304	63,242	80,879	103,079	313,504
2001	69,087	13,762	72,864	102,224	257,937
2002	70,731	56,976	82,834	94,759	305,300
2003	72,209	56,271	85,377	93,177	307,034
2004	73,114	54,488	86,599	97,958	312,159
2005	70,407	49,043	86,063	91,898	297,411
2006	71,761	57,436	89,972	98,582	317,751
2007	70,094	56,539	88,379	97,241	312,253
2008	69,101	55,037	86,709	95,146	305,993
2009	66,607	50,674	85,144	91,731	294,156
2010	69,641	54,187	88,014	93,455	305,297
2011	63,433	54,481	87,662	88,717	294,293
2012	63,434	54,299	87,937	90,956	296,626
2013	59,087	55,145	86,737	91,386	292,355
2014	58,809	54,007	86,081	91,509	290,406

MTABT Toll Increases January 1972, September 1975, May 1980, April 1982, January 1984, January 1986, February 1987, July 1989, January 1993, March 1996, May 2003, March 2005, March 2008, July 2009, December 2010, & March 2013.

MTABT Outer Borough Bridges ~ Average Daily Traffic Volumes 1948 - 2014

Year	Robert F. Kennedy						
	Bronx-Whitestone Bridge	Cross Bay Bridge	Marine Parkway Gil Hodges Memorial Bridge	Memorial Bridge Bronx Plz. (Triborough Bridge)	Throgs Neck Bridge	Verrazano-Narrows Bridge	Outer Boroughs Totals
1948	33,343	11,421	10,216	25,997			80,977
1949	41,485	12,579	11,743	31,310	Opened 01/11/1961	Opened 11/21/1964	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	57,949	60,697		199,418
1963	45,352	16,421	17,978	58,657	75,532		213,940
1964	64,573	16,594	18,145	61,152	76,245		236,709
1965	72,053	16,864	18,855	67,090	77,755	48,842	301,459
1966	71,382	17,684	19,745	68,806	80,647	58,720	316,984
1967	73,931	17,448	19,904	70,791	81,237	66,607	329,918
1968	78,773	18,367	21,424	73,232	83,634	77,393	352,823
1969	79,416	17,608	21,406	75,482	85,708	86,114	365,734
1970	81,582	17,908	22,076	81,868	83,734	96,953	384,121
1971	86,573	18,399	22,426	83,804	84,279	106,014	401,495
1972	80,704	16,813	20,956	74,777	89,595	105,898	388,743
1973	81,548	16,783	21,502	75,552	95,326	111,385	402,096
1974	82,699	16,769	19,734	76,673	89,622	109,671	395,168
1975	81,081	15,019	18,715	70,338	87,725	108,572	381,450
1976	82,060	14,281	17,804	67,887	89,520	110,761	382,313
1977	81,992	14,489	16,724	67,590	90,635	113,040	384,470
1978	86,537	13,955	17,750	64,746	89,847	125,799	398,634
1979	90,394	13,690	17,404	63,046	86,315	124,667	395,516
1980	88,346	13,903	16,472	63,219	87,011	130,904	399,855
1981	84,475	11,583	16,510	76,200	91,511	137,695	417,974
1982	90,312	13,072	17,119	74,092	93,867	143,811	432,273
1983	97,945	13,412	18,003	78,885	97,706	140,645	446,596
1984	97,636	14,835	19,749	79,300	90,153	155,892	457,565
1985	109,012	15,279	20,595	83,747	84,517	162,632	475,782
1986	102,567	15,162	19,965	80,703	94,395	162,426	475,218
1987	102,115	14,289	20,512	81,424	93,770	170,319	482,429
1988	98,235	14,989	21,098	83,002	102,333	174,416	494,073
1989	95,762	14,466	19,666	78,877	94,147	172,529	475,447
1990	104,377	14,645	21,489	80,346	91,237	175,948	488,042
1991	99,054	14,925	20,893	81,364	94,377	178,340	488,953
1992	96,830	14,821	21,042	77,125	98,135	183,218	491,171
1993	93,712	14,578	20,137	70,458	101,402	178,416	478,703
1994	104,819	14,442	20,623	71,777	97,471	181,156	490,288
1995	108,185	15,423	20,568	72,012	97,282	184,634	498,104
1996	101,048	14,845	21,212	74,522	97,629	184,557	493,813
1997	93,018	14,221	19,782	76,937	102,094	182,871	488,923
1998	104,125	16,286	19,583	81,913	99,471	194,592	515,970
1999	120,170	16,975	19,904	80,019	90,986	194,623	522,677
2000	117,583	17,962	21,609	79,243	98,357	202,580	537,334
2001	111,764	19,626	19,527	77,631	104,429	218,971	551,948
2002	123,258	20,010	21,684	72,259	104,535	212,491	554,237
2003	113,441	20,233	21,745	74,113	111,092	206,444	547,068
2004	117,591	20,460	21,556	82,810	112,001	205,544	559,962
2005	105,059	19,852	19,456	77,257	114,973	193,687	530,284
2006	110,708	22,036	22,363	81,840	116,427	207,353	560,727
2007	111,739	22,337	21,356	79,019	112,985	201,116	548,552
2008	117,015	21,876	21,357	77,606	114,319	203,507	555,680
2009	112,978	21,762	22,067	78,459	107,324	202,052	544,642
2010	103,366	21,135	22,215	82,189	112,712	204,181	545,798
2011	100,666	20,566	21,812	77,242	111,384	194,758	526,428
2012	105,718	21,595	21,290	78,437	108,858	193,100	528,998
2013	104,511	22,016	22,010	79,006	110,753	192,033	530,329
2014	104,509	21,953	21,217	82,084	112,548	187,438	529,749

MTABT Toll Increases January 1972, September 1975, May 1980, April 1982, January 1984, January 1986, February 1987, July 1989, January 1993, March 1996, May 2003, March 2005, March 2008, July 2009, December 2010, & March 2013.

Hourly Vehicular Volumes

Metropolitan Transportation Authority Bridges & Tunnels

2014

	Henry Hudson Bridge		Hugh L. Carey Tunnel (Brooklyn-BatteryTunnel)		Queens-Midtown Tunnel		Robert F. Kennedy Memorial Bridge (Triborough Bridge)		Totals	
	S/B	N/B	N/B	S/B	W/B	E/B	W/B	E/B	Entering Manhattan	Leaving Manhattan
12-1am	104	342	189	570	508	933	492	545	1,293	2,390
1-2am	46	152	86	244	251	454	209	269	592	1,119
2-3am	33	74	59	115	120	271	116	162	328	622
3-4am	42	42	84	82	141	211	116	181	383	516
4-5am	115	53	248	78	322	453	283	482	968	1,066
5-6am	538	109	889	154	1,112	845	1,091	1,042	3,630	2,150
6-7am	2,401	470	2,420	418	2,508	1,277	3,211	1,594	10,540	3,759
7-8am	3,333 **	1,249	3,071 **	663	3,635	1,271	4,024 **	1,871	14,063 **	5,054
8-9am	2,889	1,659	2,918	760	4,032 **	1,159	3,617	2,006	13,456	5,584
9-10am	2,198	1,065	2,773	783	2,698	1,199	3,423	1,970	12,142	5,017
10-11am	1,732	904	1,980	795	2,568	1,434	3,166	1,853	9,576	4,986
11-12am	1,605	906	1,496	918	2,568	1,658	2,854	1,947	8,523	5,429
12-1pm	1,437	986	1,366	1,024	2,482	2,021	2,613	2,099	7,898	6,130
1-2pm	1,368	1,170	1,490	1,152	2,325	2,321	2,535	2,328	7,718	6,971
2-3pm	1,573	1,504	1,596	1,476	2,434	2,761	2,886	2,713	8,489	8,454
3-4pm	2,026	1,971	1,572	1,958	2,601	2,867 **	3,143	2,931	9,342	9,727
4-5pm	2,184	2,316	1,516	2,303	2,703	2,852	3,190	3,107 **	9,593	10,578
5-6pm	2,409	2,601	1,542	2,449 **	2,756	2,815	3,296	2,941	10,003	10,806 **
6-7pm	2,107	2,680 **	1,241	2,322	2,568	2,515	3,084	2,524	9,000	10,041
7-8pm	1,263	2,210	899	1,842	2,039	2,187	2,338	2,100	6,539	8,339
8-9pm	785	1,477	601	1,435	1,590	2,200	1,742	1,827	4,718	6,939
9-10pm	655	1,338	492	1,157	1,498	2,224	1,510	1,568	4,155	6,287
10-11pm	428	1,206	490	1,005	1,243	2,003	1,262	1,398	3,423	5,612
11-12pm	237	817	405	881	859	1,409	943	907	2,444	4,014
Totals	31,508	27,301	29,423	24,584	46,741	39,340	51,144	40,365	158,816	131,590
7-10am	8,420	3,973	8,762	2,206	11,415	3,629	11,064	5,847	39,661	15,655
10am-1pm	4,774	2,796	4,842	2,737	7,748	5,113	8,633	5,899	25,997	16,545
1-4pm	4,967	4,645	4,658	4,586	7,360	7,949	8,564	7,972	25,549	25,152
4-7pm	6,700	7,597	4,299	7,074	8,027	8,182	9,570	8,572	28,596	31,425
7am-7pm	24,861	19,011	22,561	16,603	34,550	24,873	37,831	28,290	119,803	88,777
6-10am	10,821	4,443	11,182	2,624	13,923	4,906	14,275	7,441	50,201	19,414
3-7pm	8,726	9,568	5,871	9,032	10,628	11,049	12,713	11,503	37,938	41,152
6am-7pm	27,262	19,481	24,981	17,021	37,058	26,150	41,042	29,884	130,343	92,536

** Peak Volumes

Hourly Vehicular Volumes

Metropolitan Transportation Authority Bridges & Tunnels

2014

	Cross Bay				Marine Parkway				Robert F. Kennedy				Verrazano-Narrows			
	Bronx-Whitestone Bridge		Veterans Memorial Bridge		Gil Hodges Memorial Bridge		Memorial Bridge (Triborough Bridge)		Throgs Neck Bridge		Bronx Plaza		Throgs Neck Bridge		Verrazano-Narrows Bridge	
	N/B	S/B	N/B	S/B	N/B	S/B	N/B	S/B	N/B	S/B	N/B	S/B	N/B	S/B	E/B	W/B
12-1am	792	624	68	190	49	122	586	587	505	695	1,014	1,489	2,257	1,227	949	1,289
1-2am	474	378	38	95	26	52	345	302	305	418	1,981	3,125 **	4,317	2,770	3,263	2,637
2-3am	311	300	37	59	19	41	245	256	289	300	3,075 **	2,775	5,005 **	3,428	8,016	3,666
3-4am	354	418	61	48	30	28	256	328	289	300	2,893	2,643	4,452	3,289	9,328 **	4,191
4-5am	602	822	164	60	71	39	537	618	378	359	2,652	2,485	3,651	2,755	7,598	3,949
5-6am	1,486	1,883	512	145	315	108	1,014	1,489	706	548	2,282	2,287	3,350	2,535	5,826	3,657
6-7am	2,825	3,102	1,079	352	857	324	1,981	3,125 **	2,257	1,227	1,890	2,134	2,739	2,468	4,646	3,578
7-8am	3,807	2,862	1,275 **	582	1,546 **	438	3,075 **	2,775	5,005 **	3,428	2,893	2,643	4,452	3,289	9,328 **	4,191
8-9am	4,082 **	2,972	849	521	1,061	514	2,893	2,643	4,452	3,289	2,652	2,485	3,651	2,755	7,598	3,949
9-10am	3,059	2,773	591	438	737	410	2,652	2,485	3,651	2,755	2,282	2,287	3,350	2,535	5,826	3,657
10-11am	2,584	2,552	532	392	566	377	2,282	2,287	3,350	2,535	1,890	2,134	2,739	2,468	4,646	3,578
11-12am	2,135	2,443	527	377	530	393	1,890	2,134	2,739	2,468	1,845	2,127	2,561	2,560	4,104	3,713
12-1pm	2,098	2,501	516	437	488	432	1,845	2,127	2,561	2,560	1,986	2,085	2,600	2,900	3,901	4,422
1-2pm	2,272	2,737	564	488	521	467	1,986	2,085	2,600	2,900	2,167	2,442	2,761	3,801	4,110	5,883
2-3pm	2,457	3,101	675	708	582	732	2,167	2,442	2,761	3,801	2,640	2,784	2,980	4,167	4,566	7,351
3-4pm	2,905	3,764	779	849	697	912	2,640	2,784	2,980	4,167	2,627	2,747	3,044	4,534 **	5,462	7,541 **
4-5pm	2,924	3,915 **	603	858	629	980	2,627	2,747	3,044	4,534 **	2,330	2,566	2,997	4,303	5,825	7,397
5-6pm	2,925	3,831	655	898 **	630	1,002 **	2,330	2,566	2,997	4,303	2,069	2,231	2,793	4,049	5,823	6,835
6-7pm	2,699	3,472	484	863	493	886	2,069	2,231	2,793	4,049	1,679	1,872	2,492	3,357	5,141	5,795
7-8pm	2,360	3,423	396	736	343	710	1,679	1,872	2,492	3,357	1,437	1,387	1,907	2,351	4,179	4,513
8-9pm	1,982	2,423	288	570	220	554	1,437	1,387	1,907	2,351	1,276	1,193	1,622	1,769	3,390	3,473
9-10pm	1,863	1,935	244	461	179	390	1,276	1,193	1,622	1,769	1,035	1,057	1,207	1,352	3,118	2,877
10-11pm	1,603	1,582	185	346	133	291	1,035	1,057	1,207	1,352	904	813	789	906	3,054	2,266
11	1,145	952	134	224	113	180	904	813	789	906						
Totals	49,744	54,765	11,256	10,697	10,835	10,382	39,751	42,333	55,707	56,841	98,030	89,408				

7-10am	10,948	8,607	2,715	1,541	3,344	1,362	8,620	7,903	13,108	9,472	24,942	11,806
10am-1pm	6,817	7,496	1,575	1,206	1,584	1,202	6,017	6,548	8,650	7,563	14,576	10,948
1-4pm	7,634	9,602	2,018	2,045	1,800	2,111	6,793	7,311	8,341	10,868	12,577	17,656
4-7pm	8,548	11,218	1,742	2,619	1,752	2,868	7,026	7,544	8,834	12,886	17,110	21,773
7am-7pm	33,947	36,923	8,050	7,411	8,480	7,543	28,456	29,306	38,933	40,789	69,205	62,183
6-10am	13,773	11,709	3,794	1,893	4,201	1,686	10,601	11,028	17,425	12,242	28,205	14,443
3-7pm	11,453	14,982	2,521	3,468	2,449	3,780	9,666	10,328	11,814	17,053	21,676	29,124
6am-7pm	36,772	40,025	9,129	7,763	9,337	7,867	30,437	32,431	43,250	43,559	72,468	64,820

** Peak Volumes

Hourly Vehicular Volumes

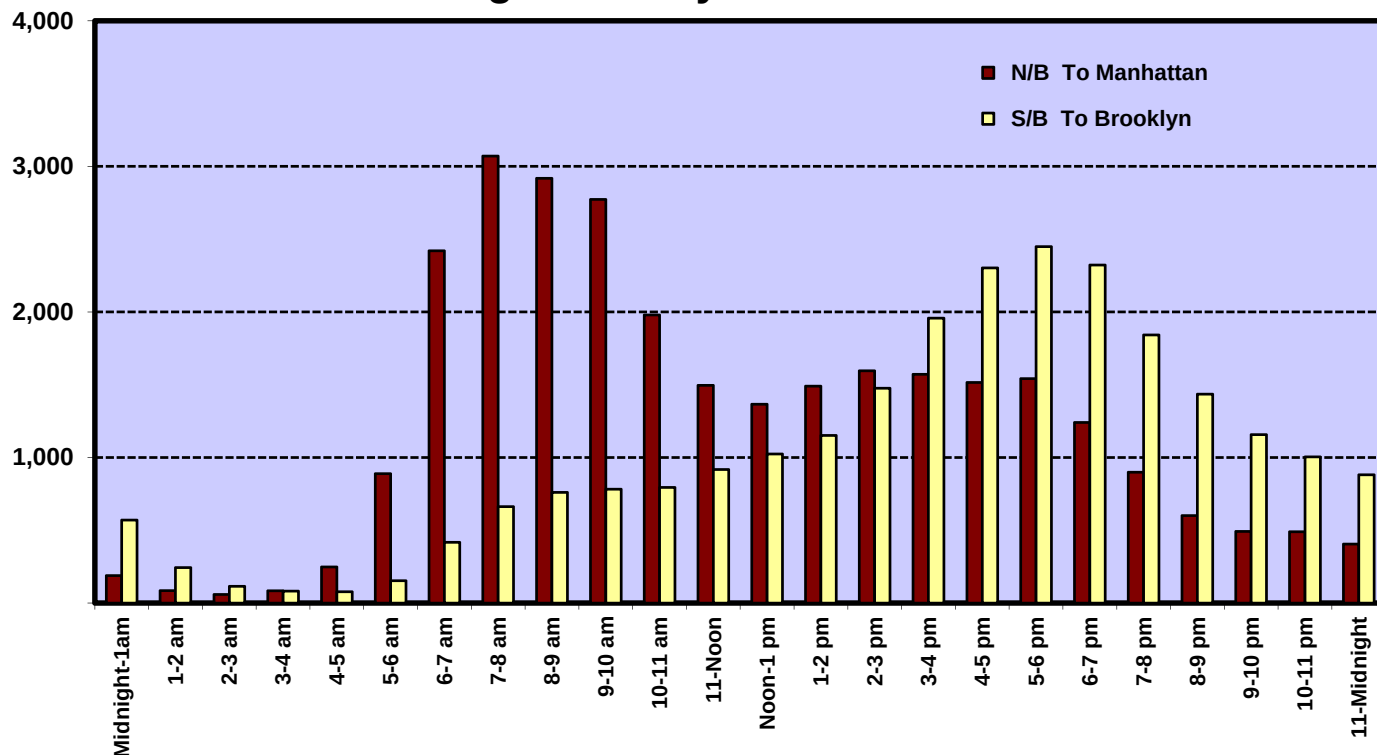
Hugh L. Carey Tunnel - 2014

Northbound to Manhattan															Southbound to Brooklyn															2-Way Grand Totals
FHWA Classes ▶	Commuter Vans							Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans							Single Unit Trucks	Tractor Trailers	Total Vehicles										
	Autos & Motorcycles	Pickups	Large SUVs	Buses	1 & 2	3	4				5 - 7	8 - 13	Autos & Motorcycles	Pickups	Large SUVs	Buses	1 & 2				3	4	5 - 7	8 - 13						
12-1am	163	6	10	10	0	0	189				519	11	34	6	0	570	759													
1-2am	75	4	6	1	0	0	86				233	0	10	1	0	244	330													
2-3am	53		3	3	0	0	59				110	1	3	1	0	115	174													
3-4am	71	1	8	4	0	0	84				80	0	0	2	0	82	166													
4-5am	160	9	61	18	0	0	248				73	0	4	1	0	78	326													
5-6am	800	9	71	9	0	0	889				136	2	11	5	0	154	1,043													
6-7am	2,161	15	217	27	0	0	2,420				311	7	87	13	0	418	2,838													
7-8am	2,696	16	318	41	0	0	3,071	**			478	7	160	18	0	663	3,734													
8-9am	2,550	15	318	35	0	0	2,918				555	6	181	18	0	760	3,678													
9-10am	2,532	20	180	41	0	0	2,773				600	8	153	22	0	783	3,556													
10-11am	1,802	24	100	53	1	1	1,980				695	9	74	17	0	795	2,775													
11-12am	1,386	13	62	34	1	1	1,496				829	9	62	18	0	918	2,414													
12-1pm	1,257	14	66	29	0	0	1,366				943	11	52	18	0	1,024	2,390													
1-2pm	1,347	13	91	39	0	0	1,490				1,040	12	74	26	0	1,152	2,642													
2-3pm	1,433	12	121	29	1	1	1,596				1,351	15	84	26	0	1,476	3,072													
3-4pm	1,404	6	149	13	0	0	1,572				1,785	13	136	24	0	1,958	3,530													
4-5pm	1,322	5	178	10	1	1	1,516				2,087	7	189	20	0	2,303	3,819													
5-6pm	1,374	3	155	7	3	3	1,542				2,178	6	250	14	1	2,449	3,991													
6-7pm	1,151	4	78	7	1	1	1,241				2,132	6	172	11	1	2,322	3,563													
7-8pm	854	1	41	3	0	0	899				1,736	5	94	7	0	1,842	2,741													
8-9pm	572	3	22	4	0	0	601				1,340	7	80	8	0	1,435	2,036													
9-10pm	467	1	22	2	0	0	492				1,093	4	48	12	0	1,157	1,649													
10-11pm	464	1	22	3	0	0	490				964	5	28	8	0	1,005	1,495													
11-12pm	358	0	34	13	0	0	405				831	6	35	9	0	881	1,286													
Totals	26,452	195	2,333	435	8	8	29,423				22,099	157	2,021	305	2	24,584	54,007													
7-10am	7,778	51	816	117	0	0	8,762				1,633	21	494	58	0	2,206	10,968													
10am-1pm	4,445	51	228	116	2	2	4,842				2,467	29	188	53	0	2,737	7,579													
1-4pm	4,184	31	361	81	1	1	4,658				4,176	40	294	76	0	4,586	9,244													
4-7pm	3,847	12	411	24	5	5	4,299				6,397	19	611	45	2	7,074	11,373													
7am-7pm	20,254	145	1,816	338	8	8	22,561				14,673	109	1,587	232	2	16,603	39,164													
6-10am	9,939	66	1,033	144	0	0	11,182				1,944	28	581	71	0	2,624	13,806													
3-7pm	5,251	18	560	37	5	5	5,871				8,182	32	747	69	2	9,032	14,903													
7am-7pm	22,415	160	2,033	365	8	8	24,981				14,984	116	1,674	245	2	17,021	42,002													

Based on May 2006 Classification Survey Data.

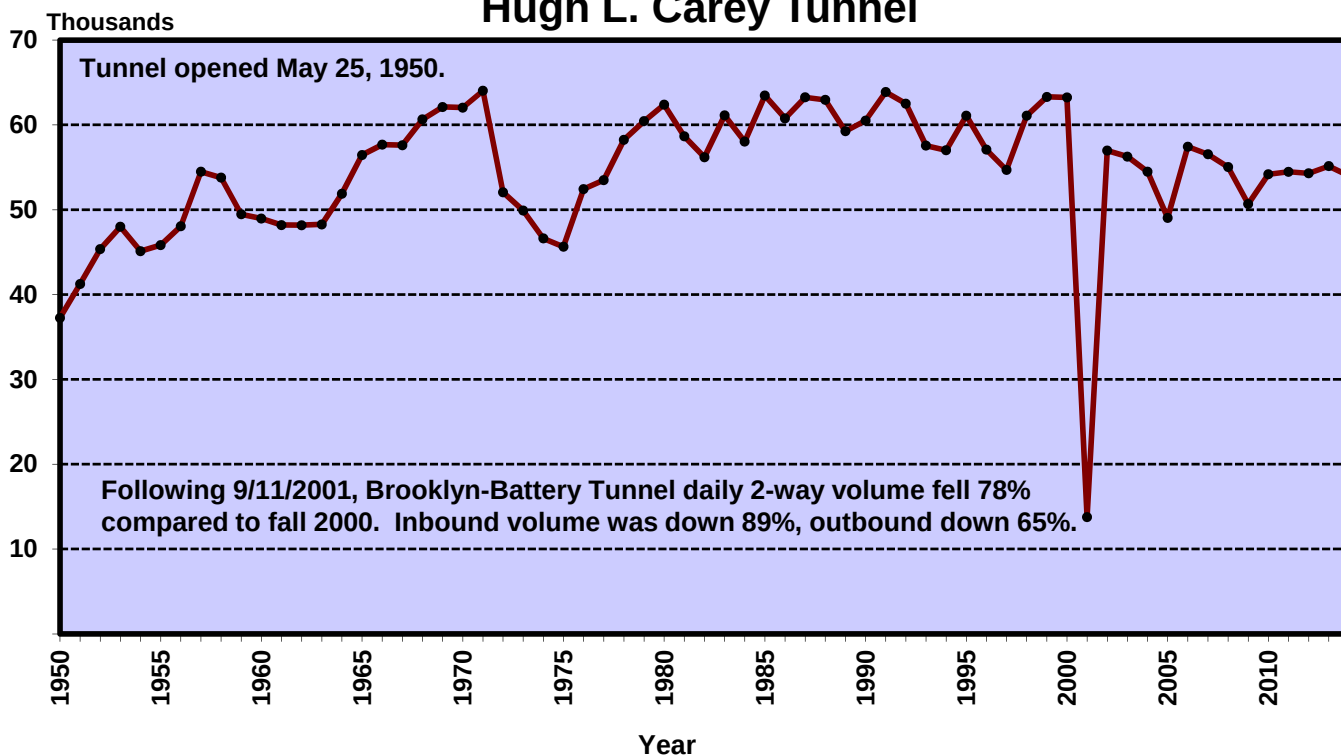
** Peak Volumes

Hourly Vehicular Volumes Hugh L. Carey Tunnel ~ 2014



Formerly Brooklyn-Battery Tunnel; officially renamed Hugh L. Carey Tunnel October 22, 2012.

Average Daily Traffic Volumes ~ Total of Both Directions Hugh L. Carey Tunnel



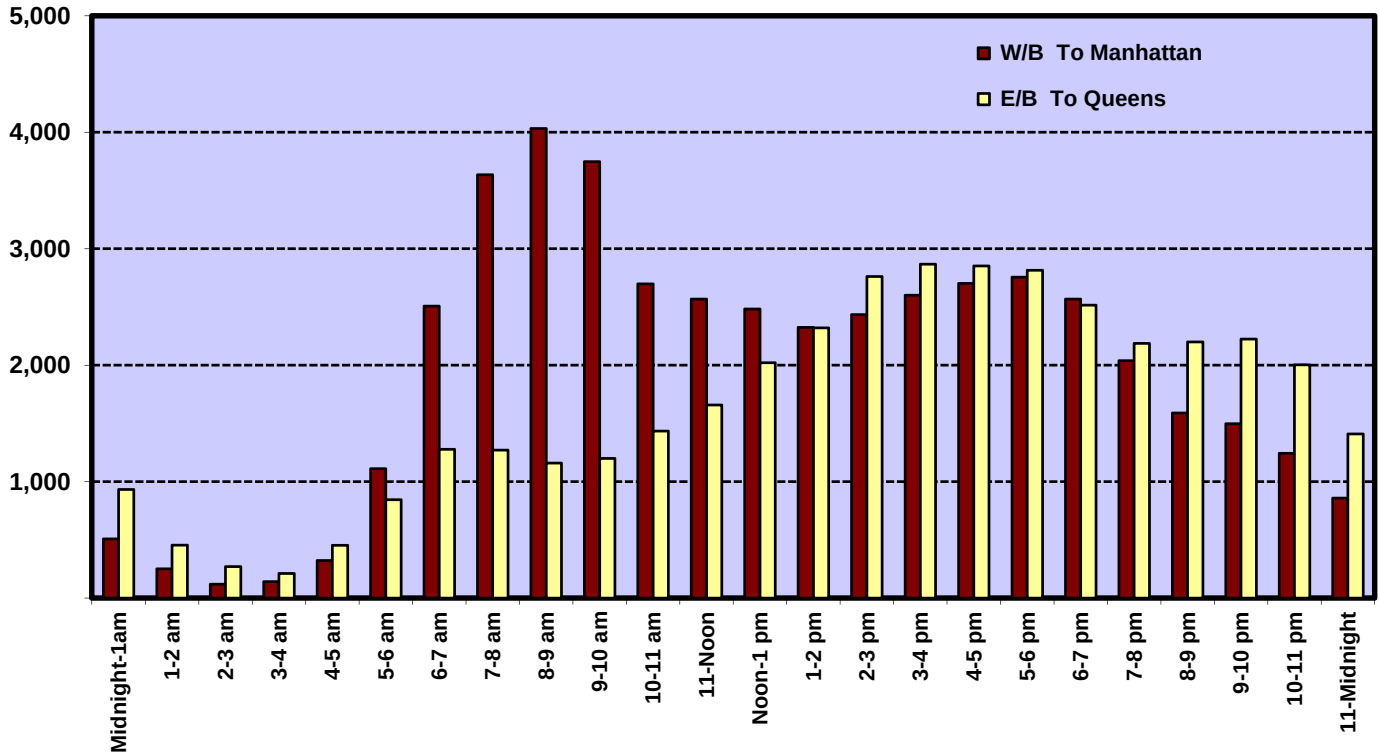
Hourly Vehicular Volumes Queens-Midtown Tunnel - 2014

Westbound to Manhattan													Eastbound to Queens													2-Way Grand Totals
FHWA Classes ▲	Commuter Vans					Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans					Single Unit Trucks	Tractor Trailers	Total Vehicles										
	Autos & Motorcycles	Pickups Large SUVs	Buses	1 & 2	3				4	5 - 7	8 - 13	Autos & Motorcycles	Pickups Large SUVs				Buses	1 & 2	3	4	5 - 7	8 - 13				
12-1am	492	2	3	11	0	508			900	9	1	23	0	933				1,441								
1-2am	239	2	1	9	0	251			433	4	0	17	0	454				705								
2-3am	112	1	1	6	0	120			254	5	0	12	0	271				391								
3-4am	127	1	3	10	0	141			188	10	0	13	0	211				352								
4-5am	258	6	18	40	0	322			373	31	4	43	2	453				775								
5-6am	970	11	55	76	0	1,112			753	22	13	57	0	845				1,957								
6-7am	2,143	88	158	119	0	2,508			1,156	35	50	36	0	1,277				3,785								
7-8am	3,133	129	229	143	1	3,635			1,131	48	60	32	0	1,271				4,906								
8-9am	3,625	114	142	151	0	4,032	**		1,012	37	70	40	0	1,159				5,191								
9-10am	3,378	95	169	102	4	3,748			1,052	45	61	41	0	1,199				4,947								
10-11am	2,449	75	91	81	2	2,698			1,244	58	69	63	0	1,434				4,132								
11-12am	2,380	64	61	63	0	2,568			1,473	56	71	58	0	1,658				4,226								
12-1pm	2,302	38	57	85	0	2,482			1,809	65	56	91	0	2,021				4,503								
1-2pm	2,121	66	69	69	0	2,325			2,062	105	59	95	0	2,321				4,646								
2-3pm	2,210	59	111	54	0	2,434			2,560	79	47	75	0	2,761	**			5,195								
3-4pm	2,312	54	169	66	0	2,601			2,651	64	66	86	0	2,867				5,468								
4-5pm	2,470	33	165	35	0	2,703			2,630	78	67	77	0	2,852				5,555								
5-6pm	2,588	18	127	23	0	2,756			2,655	45	72	43	0	2,815	**			5,571								
6-7pm	2,455	17	72	24	0	2,568			2,391	30	57	37	0	2,515				5,083								
7-8pm	1,965	13	46	15	0	2,039			2,087	21	59	20	0	2,187				4,226								
8-9pm	1,513	20	28	29	0	1,590			2,090	26	41	43	0	2,200				3,790								
9-10pm	1,440	14	17	27	0	1,498			2,133	23	23	44	1	2,224				3,722								
10-11pm	1,191	8	13	31	0	1,243			1,931	21	11	40	0	2,003				3,246								
11-12pm	833	7	4	15	0	859			1,372	4	4	29	0	1,409				2,268								
Totals	42,706	935	1,809	1,284	7	46,741			36,340	921	961	1,115	3	39,340				86,081								
7-10am	10,136	338	540	396	5	11,415			3,195	130	191	113	0	3,629				15,044								
10am-1pm	7,131	177	209	229	2	7,748			4,526	179	196	212	0	5,113				12,861								
1-4pm	6,643	179	349	189	0	7,360			7,273	248	172	256	0	7,949				15,309								
4-7pm	7,513	68	364	82	0	8,027			7,676	153	196	157	0	8,182				16,209								
7am-7pm	31,423	762	1,462	896	7	34,550			22,670	710	755	738	0	24,873				59,423								
6-10am	12,279	426	698	515	5	13,923			4,351	165	241	149	0	4,906				18,829								
3-7pm	9,825	122	533	148	0	10,628			10,327	217	262	243	0	11,049				21,677								
7am-7pm	33,566	850	1,620	1,015	7	37,058			23,826	745	805	774	0	26,150				63,208								

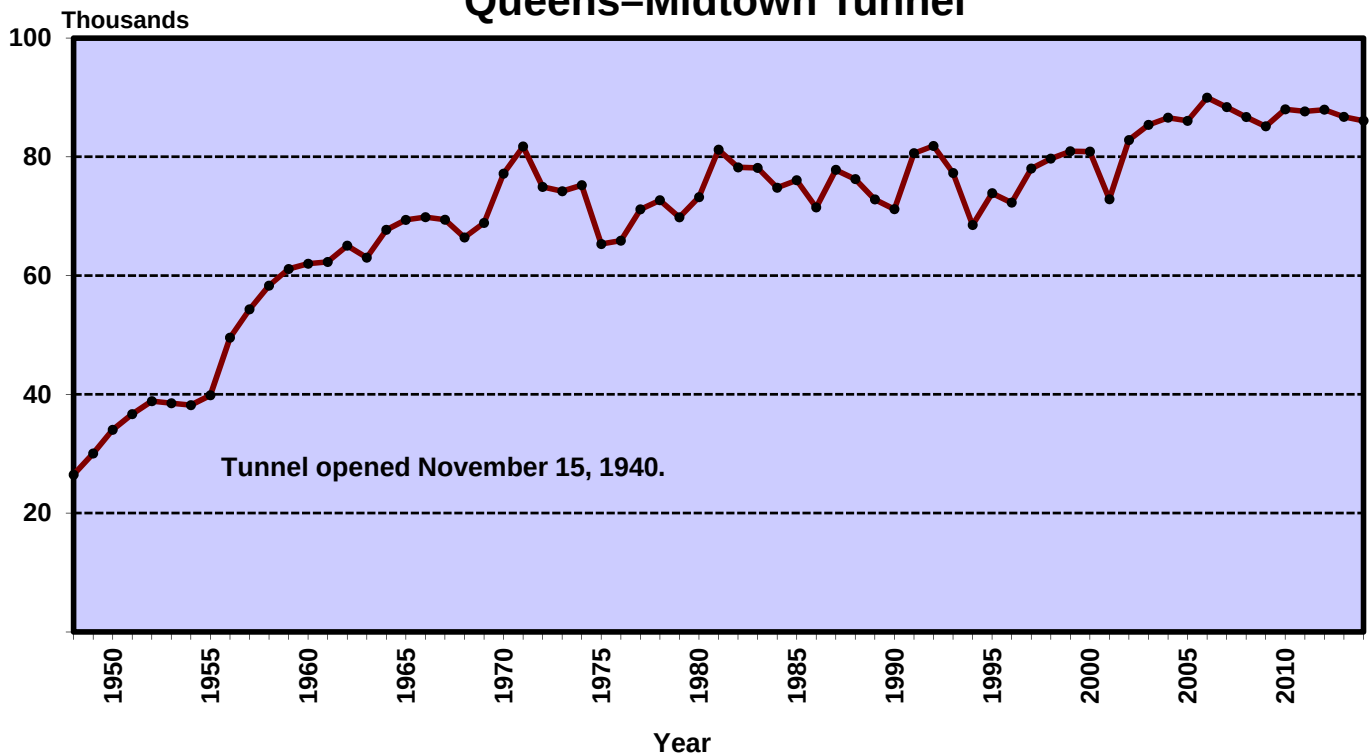
Based on May 2006 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Queens-Midtown Tunnel ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Queens-Midtown Tunnel



Hourly Vehicular Volumes

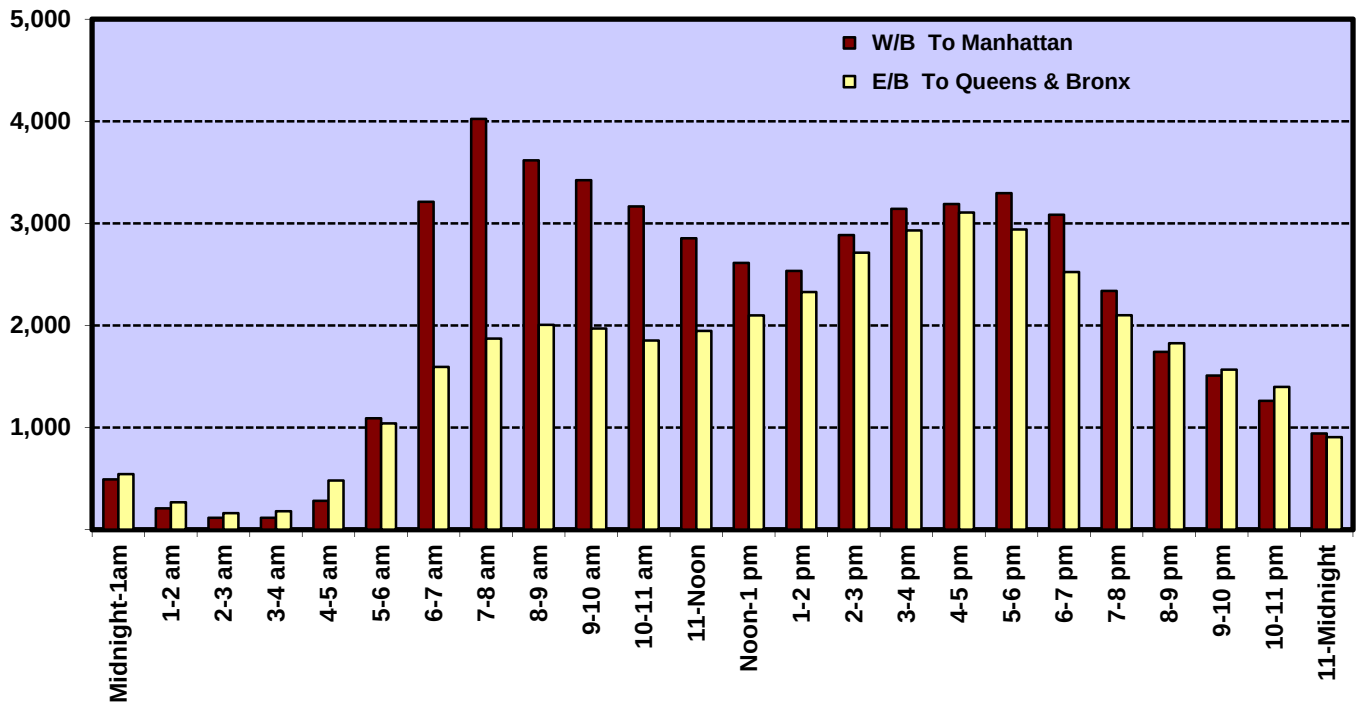
Robert F. Kennedy Memorial Bridge Manhattan Plaza - 2014

Westbound to Manhattan																			2-way Grand Totals
FHWA Classes ▶	Commercial Vans, Panel Trucks, Pickups,										Autos, Motorcycles								
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13	Total Vehicles	Taxis, Liveries, Limos	Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles						
12-1am	464	20	12	5	34	10	545												1,037
1-2am	193	13	6	2	48	7	269												478
2-3am	118	9	4	1	22	8	162												278
3-4am	129	9	10	1	22	10	181												297
4-5am	339	75	9	4	37	18	482												765
5-6am	747	118	31	8	81	57	1,042												2,133
6-7am	1,116	187	51	28	161	51	1,594												4,805
7-8am	1,332	180	117	43	145	54	1,871											**	5,895
8-9am	1,514	169	136	31	133	23	2,006												5,623
9-10am	1,475	162	127	19	139	48	1,970												5,393
10-11am	1,319	156	122	22	181	53	1,853												5,019
11-12am	1,325	207	139	12	203	61	1,947												4,801
12-1pm	1,490	224	140	14	190	41	2,099												4,712
1-2pm	1,608	282	162	17	213	46	2,328												4,863
2-3pm	1,911	338	169	35	220	40	2,713												5,599
3-4pm	2,112	317	216	44	216	26	2,931												6,074
4-5pm	2,297	304	237	56	190	23	3,107			**								**	6,297
5-6pm	2,412	209	161	20	120	19	2,941												6,237
6-7pm	2,081	173	125	24	98	23	2,524												5,608
7-8pm	1,761	104	106	30	74	25	2,100												4,438
8-9pm	1,541	112	70	23	37	44	1,827												3,569
9-10pm	1,336	118	44	18	33	19	1,568												3,078
10-11pm	1,194	97	27	10	58	12	1,398												2,660
11-12pm	781	49	28	8	31	10	907												1,850
Totals	30,595	3,632	2,249	475	2,686	728	40,365												91,509
7-10am	4,321	511	380	93	417	125	5,847												16,911
10am-1pm	4,134	587	401	48	574	155	5,899												14,532
1-4pm	5,631	937	547	96	649	112	7,972												16,536
4-7pm	6,790	686	523	100	408	65	8,572												18,142
7am-7pm	20,876	2,721	1,851	337	2,048	457	28,290												66,121
6-10am	5,437	698	431	121	578	176	7,441												21,716
3-7pm	8,902	1,003	739	144	624	91	11,503												24,216
6am-7pm	21,992	2,908	1,902	365	2,209	508	29,884												70,926

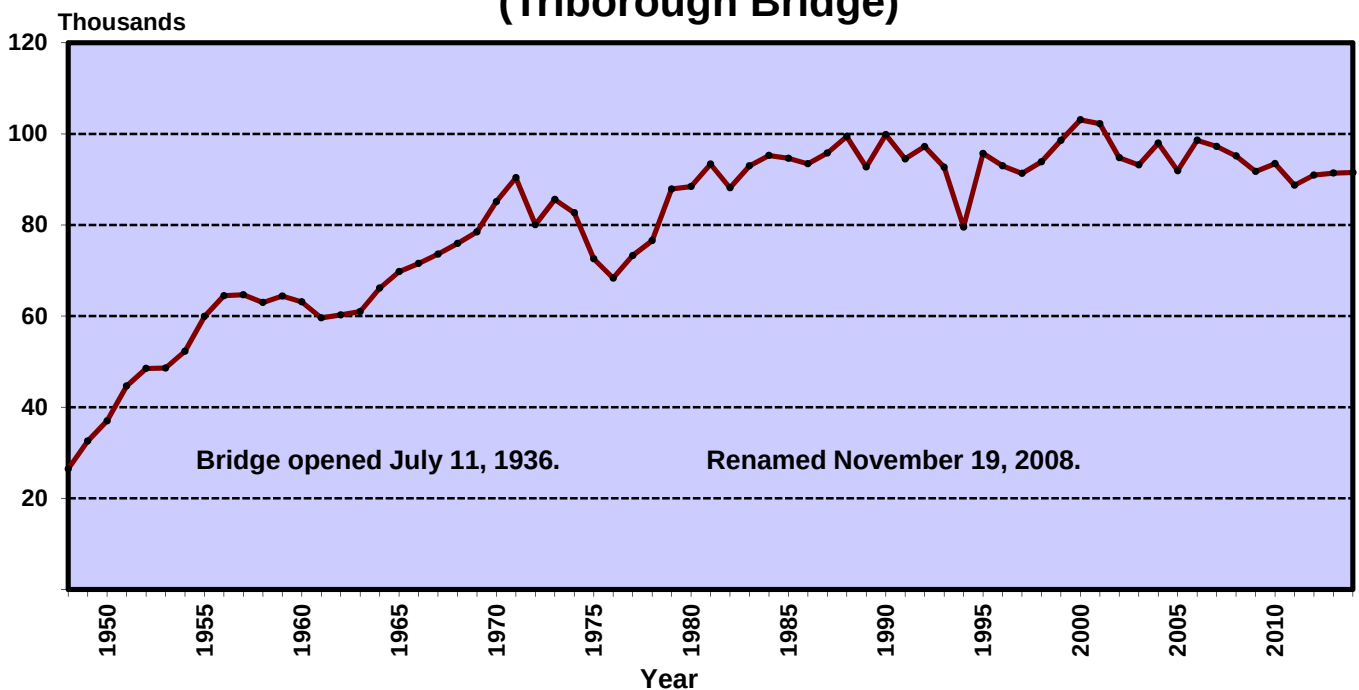
Based on October 2013 Classification Survey Data.

** Peak Volumes

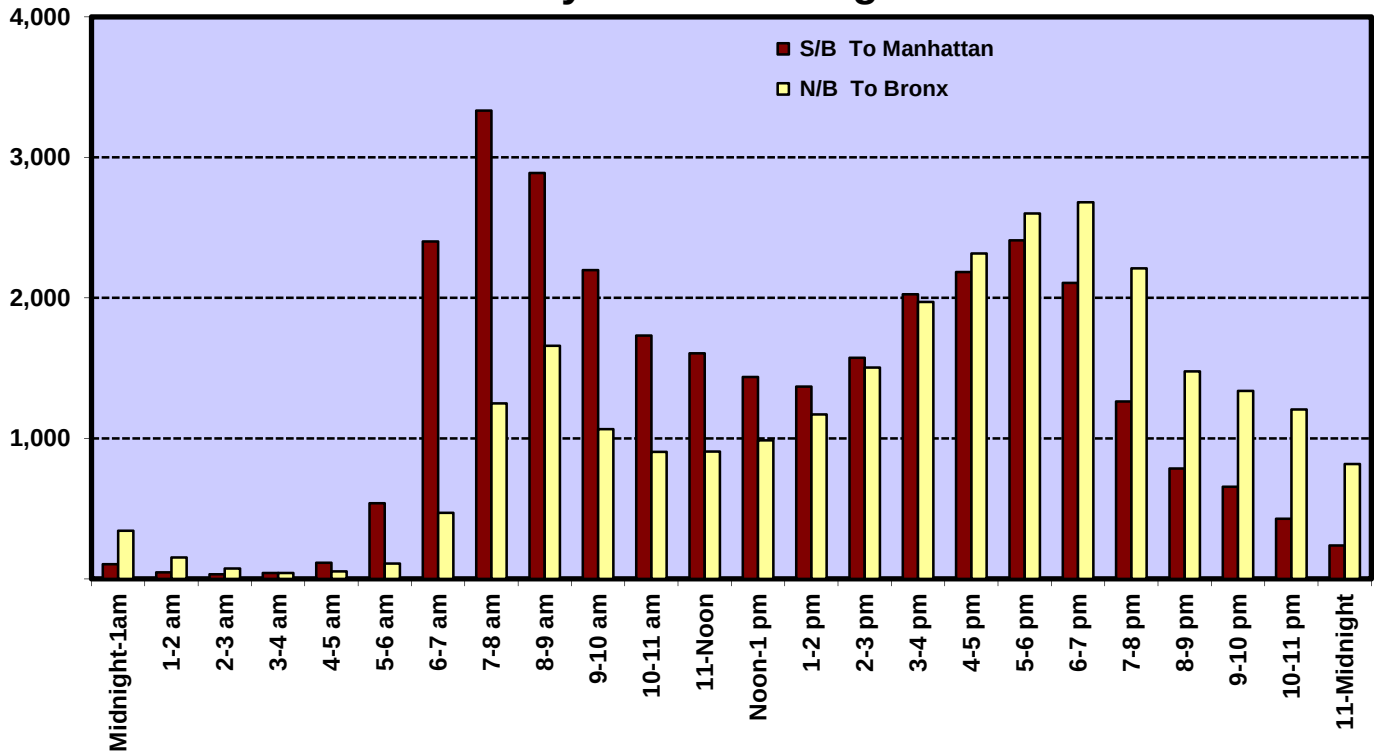
Hourly Vehicular Volumes Robert F. Kennedy Memorial Bridge, Manhattan Plaza ~ 2014 (Triborough Bridge)



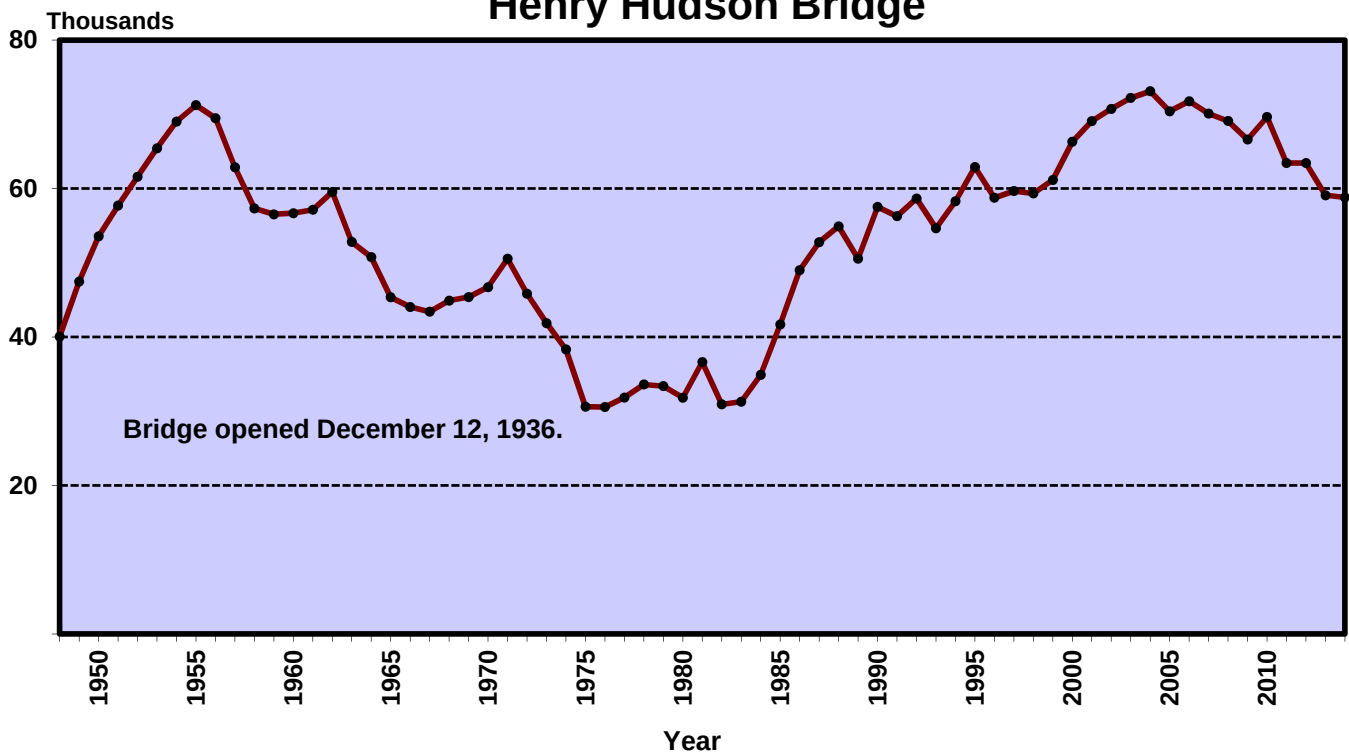
Average Daily Traffic Volumes ~ Total of Both Directions Robert F. Kennedy Memorial Bridge, Manhattan Plaza (Triborough Bridge)



Hourly Vehicular Volumes Henry Hudson Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Henry Hudson Bridge



Hourly Vehicular Volumes

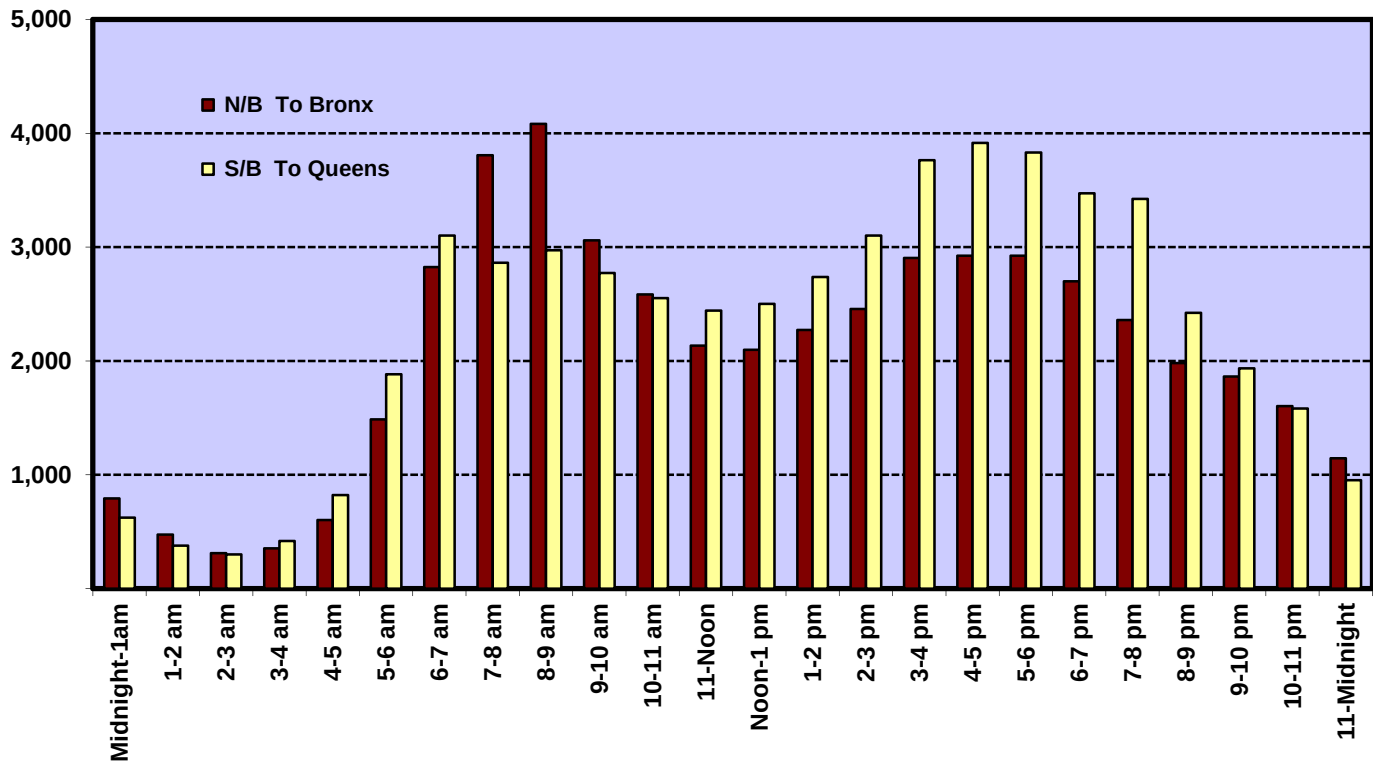
Bronx-Whitestone Bridge - 2014

Northbound to Bronx												Southbound to Queens											
FHWA Classes ▶	Commercial Vans, Panel Trucks, Pickups,						Autos, Motorcycles						Commercial Vans, Panel Trucks, Pickups,						2-way Grand Totals				
	Autos, SUVs, Family Vans	Taxis, Liveries, Limos	Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles	Autos, SUVs, Family Vans	Taxis, Liveries, Limos	Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles									
1, 2, 3	2	2 & 3	4	5 - 7	8 - 13		1, 2, 3	2	2 & 3	4	5 - 7	8 - 13											
598	69	23	6	43	53	792	512	33	22	9	9	39	624	1,416									
323	42	24	3	29	53	474	299	18	11	5	10	35	378	852									
159	36	19	4	43	50	311	195	12	11	1	24	57	300	611									
183	30	19	4	62	56	354	276	21	21	4	29	67	418	772									
359	59	30	6	89	59	602	613	37	52	5	43	72	822	1,424									
1,066	134	69	30	108	79	1,486	1,486	66	117	26	63	125	1,883	3,369									
2,185	142	223	59	153	63	2,825	2,357	144	266	55	149	131	3,102	5,927									
3,035	180	280	77	153	82	3,807	2,290	120	215	39	97	101	2,862	6,669									
3,327	108	365	36	145	101	4,082	2,437	124	195	20	137	59	2,972	7,054									
2,393	104	278	32	167	85	3,059	2,191	121	186	31	146	98	2,773	5,832									
1,944	76	312	27	111	114	2,584	1,984	104	174	27	155	108	2,552	5,136									
1,601	61	198	20	133	122	2,135	1,852	104	214	12	162	99	2,443	4,578									
1,555	80	195	31	115	122	2,098	1,970	97	212	11	128	83	2,501	4,599									
1,746	73	189	24	132	108	2,272	2,120	108	244	23	163	79	2,737	5,009									
1,880	106	260	33	103	75	2,457	2,448	156	222	42	174	59	3,101	5,558									
2,284	129	259	52	106	75	2,905	2,958	191	317	83	149	66	3,764	6,669									
2,321	148	228	62	85	80	2,924	3,253	153	276	47	122	64	3,915	6,839									
2,322	162	271	31	77	62	2,925	3,148	190	314	25	96	58	3,831	6,756									
2,287	157	148	22	37	48	2,699	2,936	188	242	18	52	36	3,472	6,171									
2,069	126	84	21	18	42	2,360	2,878	185	238	24	48	50	3,423	5,783									
1,715	111	56	17	39	44	1,982	2,079	127	125	15	21	56	2,423	4,405									
1,612	117	50	16	26	42	1,863	1,673	90	77	17	33	45	1,935	3,798									
1,348	107	56	11	28	53	1,603	1,361	95	59	15	14	38	1,582	3,185									
915	108	32	11	32	47	1,145	805	52	38	12	7	38	952	2,097									
Totals	39,227	2,465	3,668	2,034	1,715	49,744	44,121	2,536	3,848	566	2,031	1,663	54,765	104,509									
7-10am	8,755	392	923	145	465	10,948	6,918	365	596	90	380	258	8,607	19,555									
10am-1pm	5,100	217	705	78	359	6,817	5,806	305	600	50	445	290	7,496	14,313									
1-4pm	5,910	308	708	109	341	7,634	7,526	455	783	148	486	204	9,602	17,236									
4-7pm	6,930	467	647	115	199	8,548	9,337	531	832	90	270	158	11,218	19,766									
7am-7pm	26,695	1,384	2,983	447	1,364	33,947	29,587	1,656	2,811	378	1,581	910	36,923	70,870									
6-10am	10,940	534	1,146	204	618	13,773	9,275	509	862	145	529	389	11,709	25,482									
3-7pm	9,214	596	906	167	305	11,453	12,295	722	1,149	173	419	224	14,982	26,435									
6am-7pm	28,880	1,526	3,206	506	1,517	36,772	31,944	1,800	3,077	433	1,730	1,041	40,025	76,797									

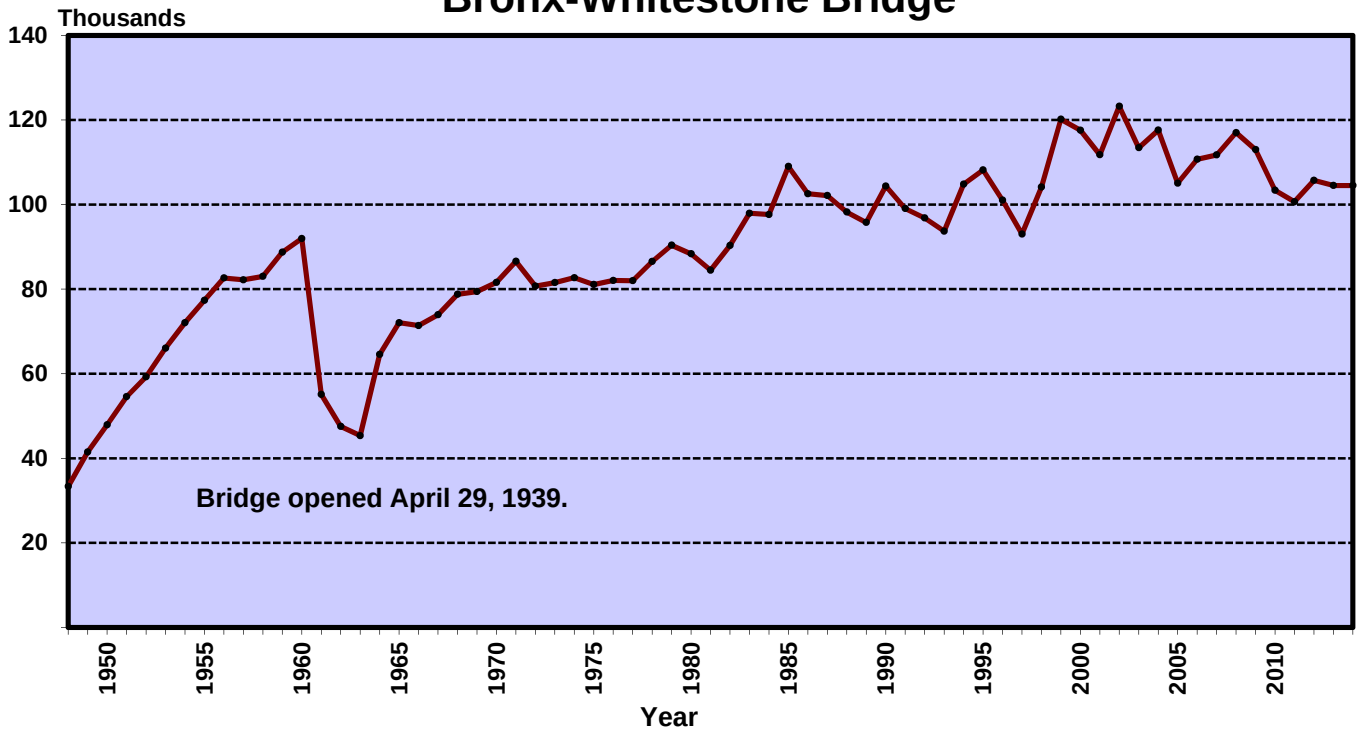
Based on November 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Bronx-Whitestone Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Bronx-Whitestone Bridge



Hourly Vehicular Volumes

Robert F. Kennedy Memorial Bridge Bronx Plaza - 2014

Northbound to Bronx

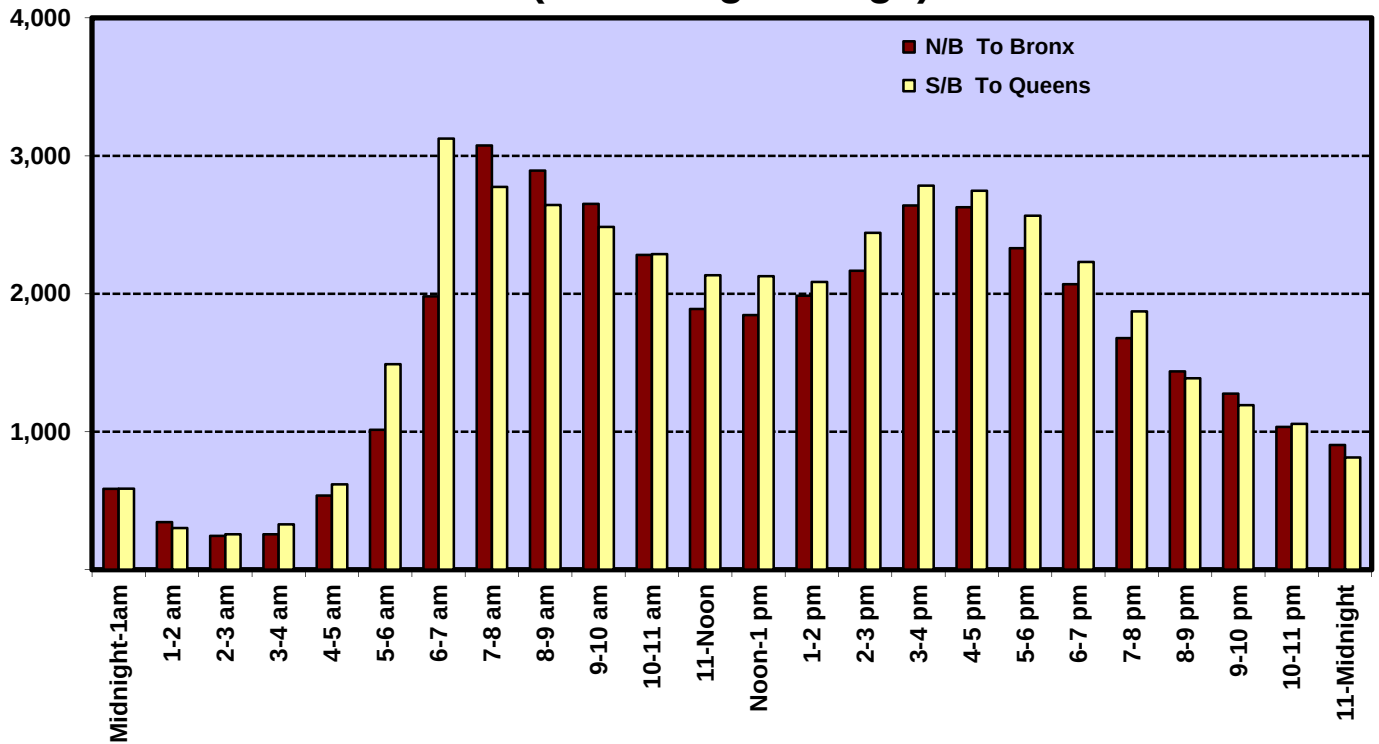
Southbound to Queens

FHWA Classes ▲	Autos, Motorcycles							Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles							2-way Grand Totals							
	Autos, SUVs, Family Vans	Taxis, Liveries, Limos	2	2 & 3	4	5 - 7	8 - 13	Total Vehicles	Autos, SUVs, Family Vans	Taxis, Liveries, Limos	2	2 & 3	4	5 - 7		8 - 13	Multiple Unit Trucks	Single Unit Trucks	Buses	Police, Fleet Vehicles	Multiple Unit Trucks	Total Vehicles
12-1am	388	156		11	5	18	8	586	499	22		13	5	37	11							587
1-2am	249	61		5	3	16	11	345	216	15		6	3	54	8							302
2-3am	167	20		18	2	22	16	245	187	14		6	2	34	13							256
3-4am	184	14		13	1	23	21	256	234	16		19	2	39	18							328
4-5am	415	42		19	5	27	29	537	435	96		11	5	48	23							618
5-6am	813	66		34	9	58	34	1,014	1,067	169		44	12	116	81							1,489
6-7am	1,585	113		104	35	86	58	1,981	2,187	367		101	55	316	99							3,125
7-8am	2,346	232		205	75	136	81	3,075	1,978	267		173	63	214	80							2,775
8-9am	2,090	249		229	53	182	90	2,893	1,995	223		179	41	175	30							2,643
9-10am	1,863	319		187	34	155	94	2,652	1,862	204		160	23	175	61							2,485
10-11am	1,491	389		148	29	132	93	2,282	1,627	193		151	27	224	65							2,287
11-12am	1,285	315		97	23	95	75	1,890	1,452	227		153	13	222	67							2,134
12-1pm	1,226	291		98	28	121	81	1,845	1,510	227		142	14	193	41							2,127
1-2pm	1,346	257		147	29	123	84	1,986	1,439	253		145	16	191	41							2,085
2-3pm	1,524	334		120	33	94	62	2,167	1,721	304		152	31	198	36							2,442
3-4pm	1,911	413		133	40	91	52	2,640	2,006	301		205	42	205	25							2,784
4-5pm	1,907	393		158	42	88	39	2,627	2,031	269		209	50	168	20							2,747
5-6pm	1,766	351		93	31	61	28	2,330	2,103	182		141	18	105	17							2,566
6-7pm	1,651	299		53	16	35	15	2,069	1,840	153		110	21	87	20							2,231
7-8pm	1,334	258		27	20	24	16	1,679	1,570	93		94	27	66	22							1,872
8-9pm	1,162	201		28	12	21	13	1,437	1,170	85		53	18	28	33							1,387
9-10pm	1,003	226		12	13	12	10	1,276	1,016	90		34	14	25	14							1,193
10-11pm	717	276		11	7	12	12	1,035	903	73		20	8	44	9							1,057
11-12pm	557	298		13	7	14	15	904	701	43		25	7	28	9							813
Totals	28,980	5,573	1,963	552	1,646	1,037	39,751	31,749	3,886	2,346	517	2,992	843	42,333	82,084							
7-10am	6,299	800	621	162	473	265	8,620	5,835	694	512	127	564	171	7,903	16,523							
10am-1pm	4,002	995	343	80	348	249	6,017	4,589	647	446	54	639	173	6,548	12,565							
1-4pm	4,781	1,004	400	102	308	198	6,793	5,166	858	502	89	594	102	7,311	14,104							
4-7pm	5,324	1,043	304	89	184	82	7,026	5,974	604	460	89	360	57	7,544	14,570							
7am-7pm	20,406	3,842	1,668	433	1,313	794	28,456	21,564	2,803	1,920	359	2,157	503	29,306	57,762							
6-10am	7,884	913	725	197	559	323	10,601	8,022	1,061	613	182	880	270	11,028	21,629							
3-7pm	7,235	1,456	437	129	275	134	9,666	7,980	905	665	131	565	82	10,328	19,994							
6am-7pm	21,991	3,955	1,772	468	1,399	852	30,437	23,751	3,170	2,021	414	2,473	602	32,431	62,868							

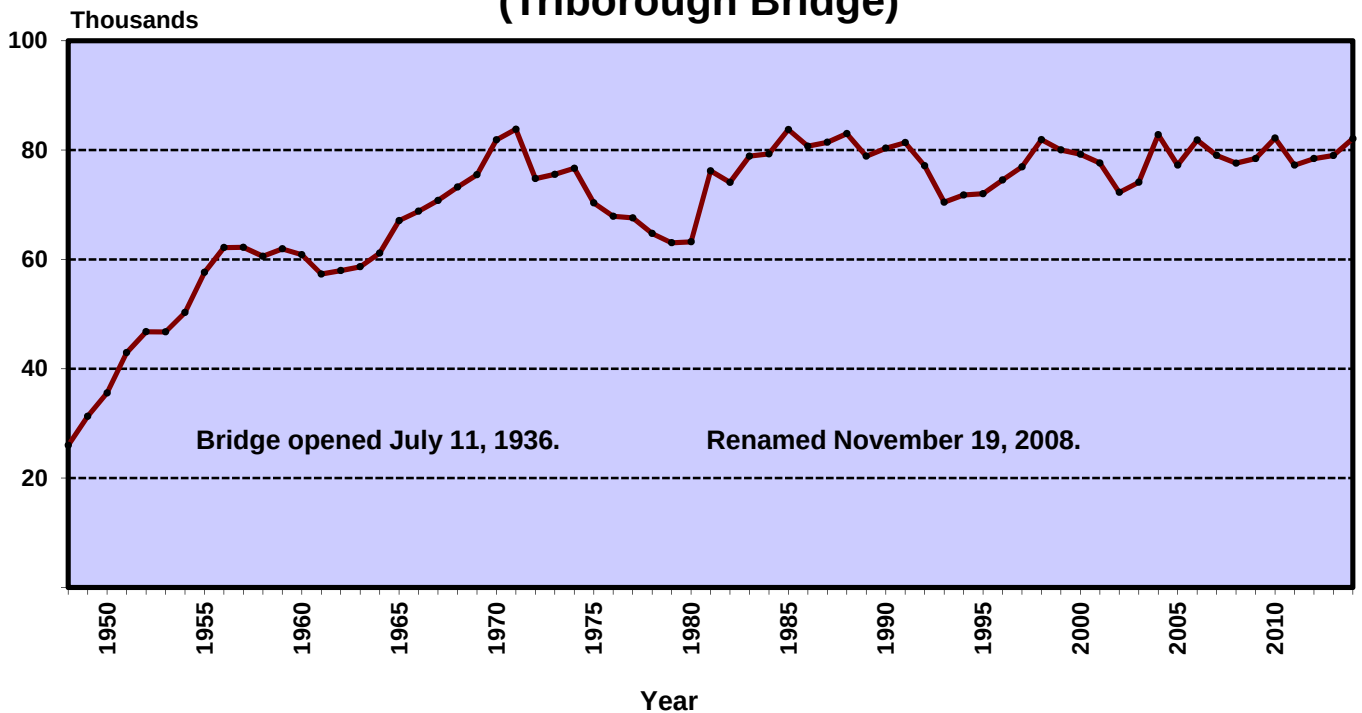
Based on October 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Robert F. Kennedy Memorial Bridge, Bronx Plaza ~ 2014 (Triborough Bridge)



Average Daily Traffic Volumes ~ Total of Both Directions Robert F. Kennedy Memorial Bridge, Bronx Plaza (Triborough Bridge)



Hourly Vehicular Volumes Throgs Neck Bridge - 2014

Northbound to Bronx

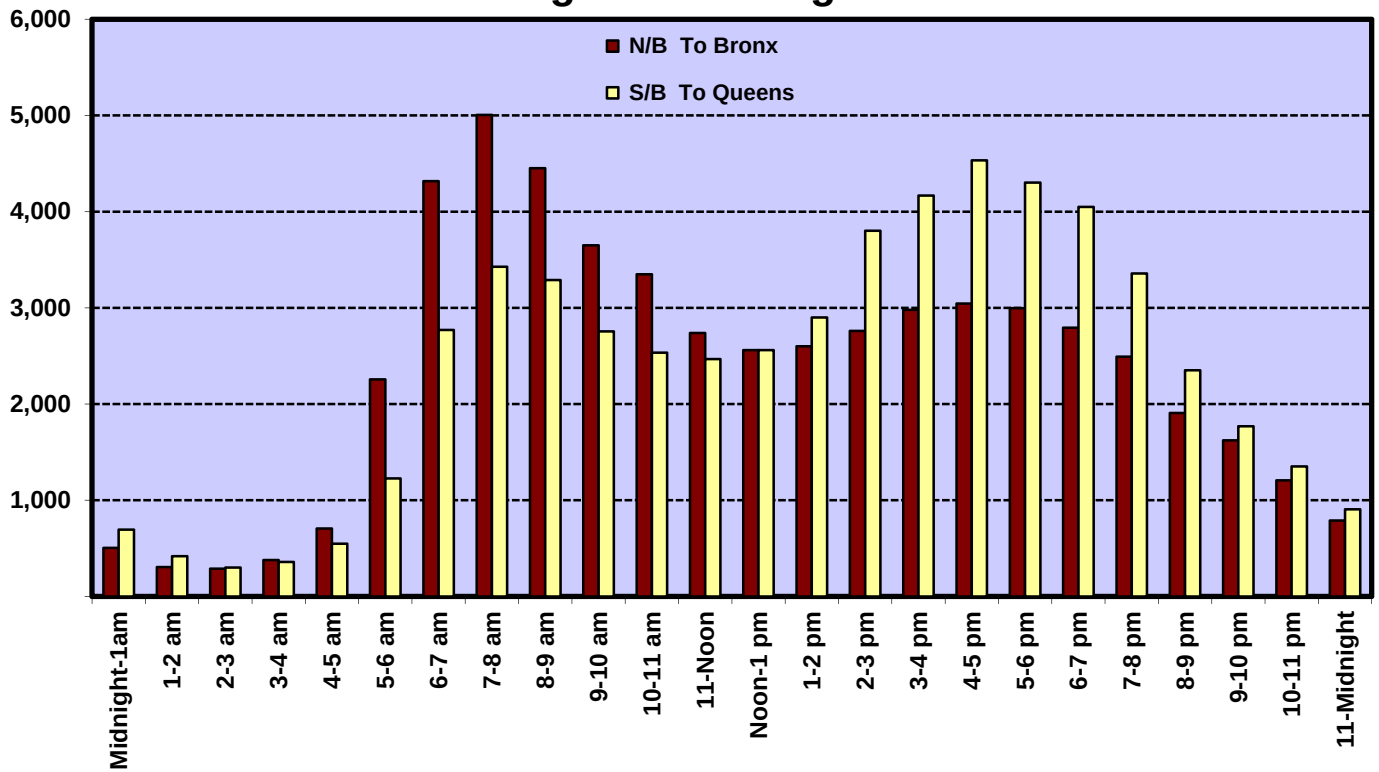
Southbound to Queens

FHWA Classes ▲	Autos, Motorcycles							Commercial Vans, Panel Trucks, Pickups,							2-way Grand Totals	
	SUVs, Family Vans			Taxis, Liveries, Limos		2	Autos, Motorcycles		Panel Trucks, Pickups,			2 & 3	Commercial Vans, Panel Trucks, Pickups,			8 - 13
	Vans			Liveries,	Vans		Trucks	Buses	Trucks	Trucks	Trucks		Trucks	Trucks		
	1, 2, 3						Total Vehicles	1, 2, 3	2		4	5 - 7	Multiple Unit Trucks	Single Unit Trucks	Multiple Unit Trucks	Total Vehicles
12-1am	313	51	28	0	29	84	505	527	40	6	1	11	110	695		1,200
1-2am	161	20	24	0	20	80	305	258	24	9	1	29	97	418		723
2-3am	123	24	20	0	20	102	289	153	13	11	0	30	93	300		589
3-4am	163	25	29	0	52	109	378	166	20	12	1	35	125	359		737
4-5am	381	42	60	1	63	159	706	235	20	13	0	76	204	548		1,254
5-6am	1,676	87	148	2	138	206	2,257	643	33	43	5	165	338	1,227		3,484
6-7am	3,466	100	339	15	207	190	4,317	1,941	46	165	14	226	378	2,770		7,087
7-8am	4,267	40	334	44	166	154	5,005	2,804	27	176	28	193	200	3,428	**	8,433
8-9am	3,680	54	282	35	174	227	4,452	2,700	50	159	27	172	181	3,289		7,741
9-10am	2,966	38	216	41	146	244	3,651	2,135	30	169	17	185	219	2,755		6,406
10-11am	2,428	39	233	19	201	430	3,350	1,871	17	178	25	172	272	2,535		5,885
11-12am	2,047	30	142	9	168	343	2,739	1,840	13	160	7	180	268	2,468		5,207
12-1pm	1,897	31	151	20	162	300	2,561	1,901	23	236	14	194	192	2,560		5,121
1-2pm	1,892	46	168	23	176	295	2,600	2,170	17	294	45	193	181	2,900		5,500
2-3pm	2,119	52	153	12	174	251	2,761	3,053	28	311	27	204	178	3,801		6,562
3-4pm	2,386	52	163	27	168	184	2,980	3,586	28	271	38	144	100	4,167	**	7,147
4-5pm	2,537	83	145	18	122	139	3,044	3,970	28	285	17	140	94	4,534		7,578
5-6pm	2,581	79	130	12	88	107	2,997	3,884	43	189	10	102	75	4,303		7,300
6-7pm	2,421	63	119	7	66	117	2,793	3,661	48	156	10	92	82	4,049		6,842
7-8pm	2,120	71	118	4	56	123	2,492	3,005	46	123	7	69	107	3,357		5,849
8-9pm	1,604	59	90	3	37	114	1,907	2,111	33	73	5	34	95	2,351		4,258
9-10pm	1,380	51	47	0	23	121	1,622	1,534	36	66	1	24	108	1,769		3,391
10-11pm	964	40	41	3	17	142	1,207	1,216	38	49	3	16	30	1,352		2,559
11-12pm	634	34	29	0	13	79	789	759	21	21	2	10	93	906		1,695
Totals	44,206	1,211	3,209	295	2,486	4,300	55,707	46,123	722	3,175	305	2,696	3,820	56,841		112,548
7-10am	10,913	132	832	120	486	625	13,108	7,639	107	504	72	550	600	9,472		22,580
10am-1pm	6,372	100	526	48	531	1,073	8,650	5,612	53	574	46	546	732	7,563		16,213
1-4pm	6,397	150	484	62	518	730	8,341	8,809	73	876	110	541	459	10,868		19,209
4-7pm	7,539	225	394	37	276	363	8,834	11,515	119	630	37	334	251	12,886		21,720
7am-7pm	31,221	607	2,236	267	1,811	2,791	38,933	33,575	352	2,584	265	1,971	2,042	40,789		79,722
6-10am	14,379	232	1,171	135	693	815	17,425	9,580	153	669	86	776	978	12,242		29,667
3-7pm	9,925	277	557	64	444	547	11,814	15,101	147	901	75	478	351	17,053		28,867
6am-7pm	34,687	707	2,575	282	2,018	2,981	43,250	35,516	398	2,749	279	2,197	2,420	43,559		86,809

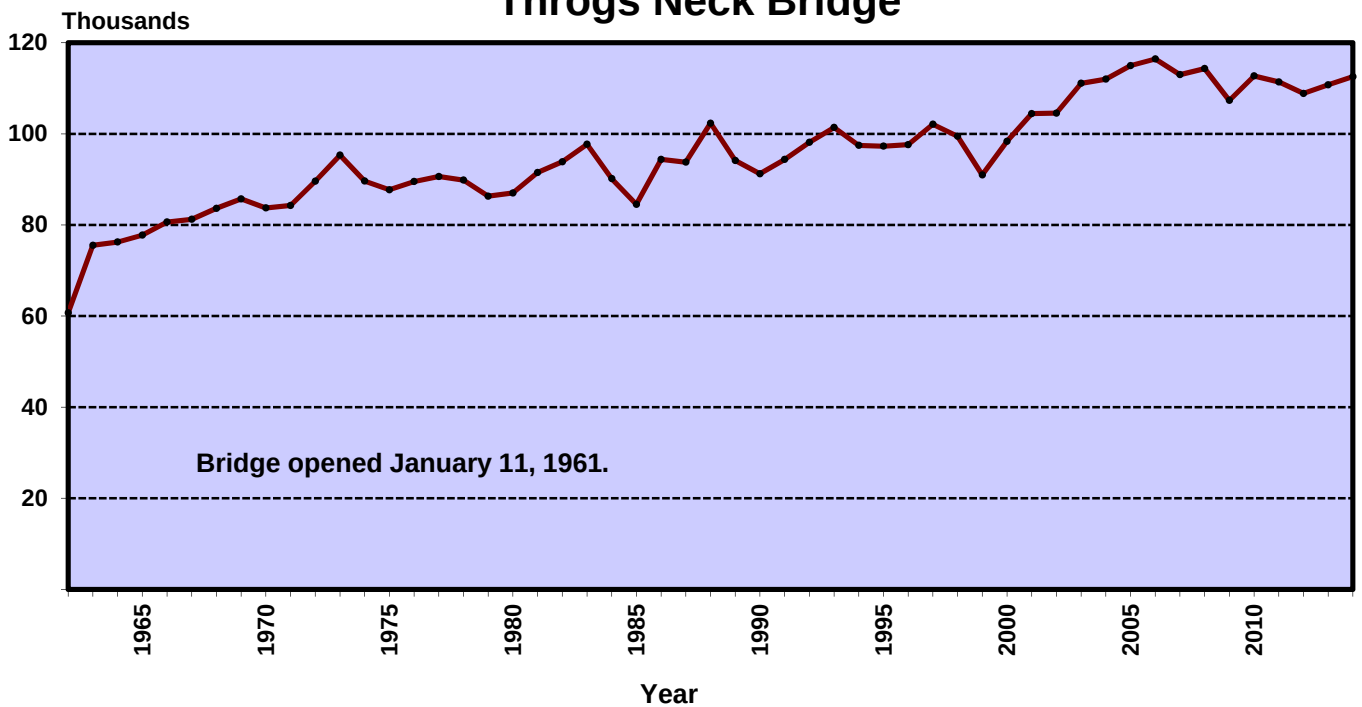
Based on November 2013 Classification Survey Data.

** Peak Volumes

Hourly Vehicular Volumes Throgs Neck Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Throgs Neck Bridge



Hourly Vehicular Volumes

Verrazano-Narrows Bridge - 2014

Eastbound to Brooklyn

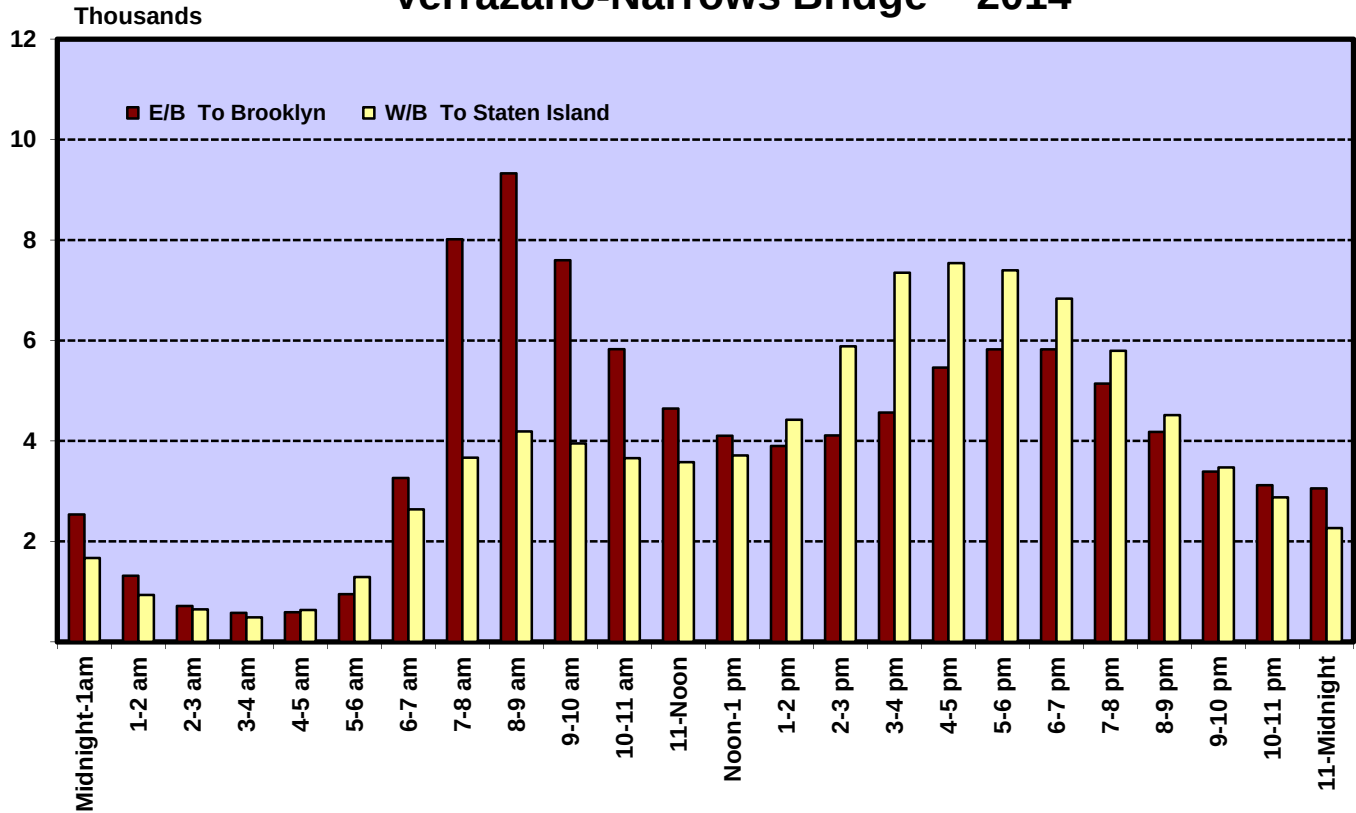
Westbound to Staten Island

FHWA Classes ▲	Autos, Motorcycles							Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles							Total Vehicles		
	1, 2, 3	2	2 & 3	4	5 - 7	8 - 13	Total Vehicles	Autos, Motorcycles	Taxis, Liveries, Limos	Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks	Commercial Vans, Panel Trucks, Pickups, Police, Fleet Vehicles	Buses	Single Unit Trucks	Multiple Unit Trucks
7-10am	21,782	273	943	519	706	719	24,942	10,103	59	450	409	488	297	11,806	36,748	488	297
10am-1pm	12,512	135	571	184	562	612	14,576	9,116	62	416	191	650	513	10,948	25,524	650	513
1-4pm	10,965	136	361	232	539	344	12,577	15,988	77	409	199	611	372	17,656	30,233	611	372
4-7pm	15,208	208	375	455	473	391	17,110	20,273	109	390	458	330	213	21,773	38,883	330	213
7am-7pm	60,467	752	2,250	1,390	2,280	2,066	69,205	55,480	307	1,665	1,257	2,079	1,395	62,183	131,388	2,079	1,395
6-10am	24,662	358	1,029	574	773	809	28,205	12,308	75	523	508	625	404	14,443	42,648	625	404
3-7pm	19,193	254	502	569	654	504	21,676	27,027	130	562	531	541	333	29,124	50,800	541	333
6am-7pm	63,347	837	2,336	1,445	2,347	2,156	72,468	57,685	323	1,738	1,356	2,216	1,502	64,820	137,288	2,216	1,502
Totals	85,665	1,145	2,626	1,770	2,941	3,883	98,030	80,166	574	2,039	1,749	2,744	2,136	89,408	187,438	2,744	2,136

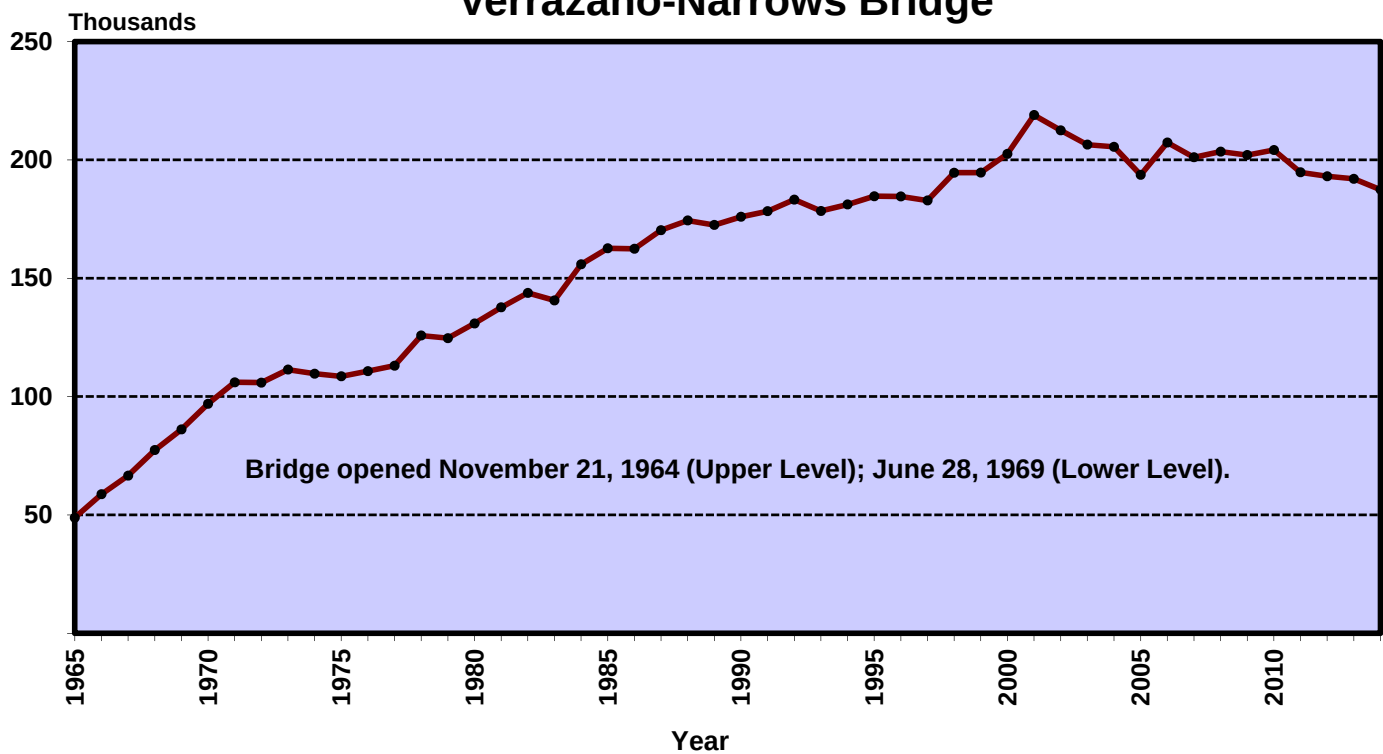
Based on November 2013 Classification Survey Data.

** Peak Volumes

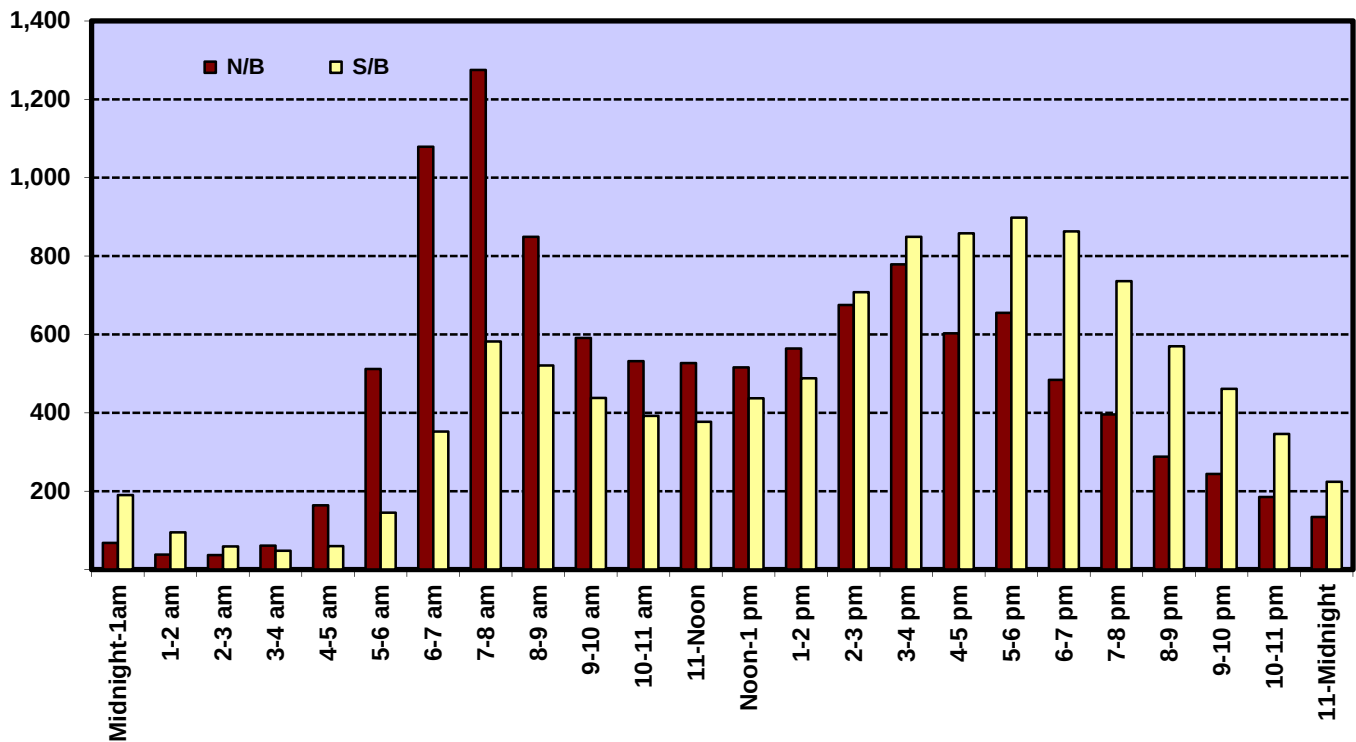
Hourly Vehicular Volumes Verrazano-Narrows Bridge ~ 2014



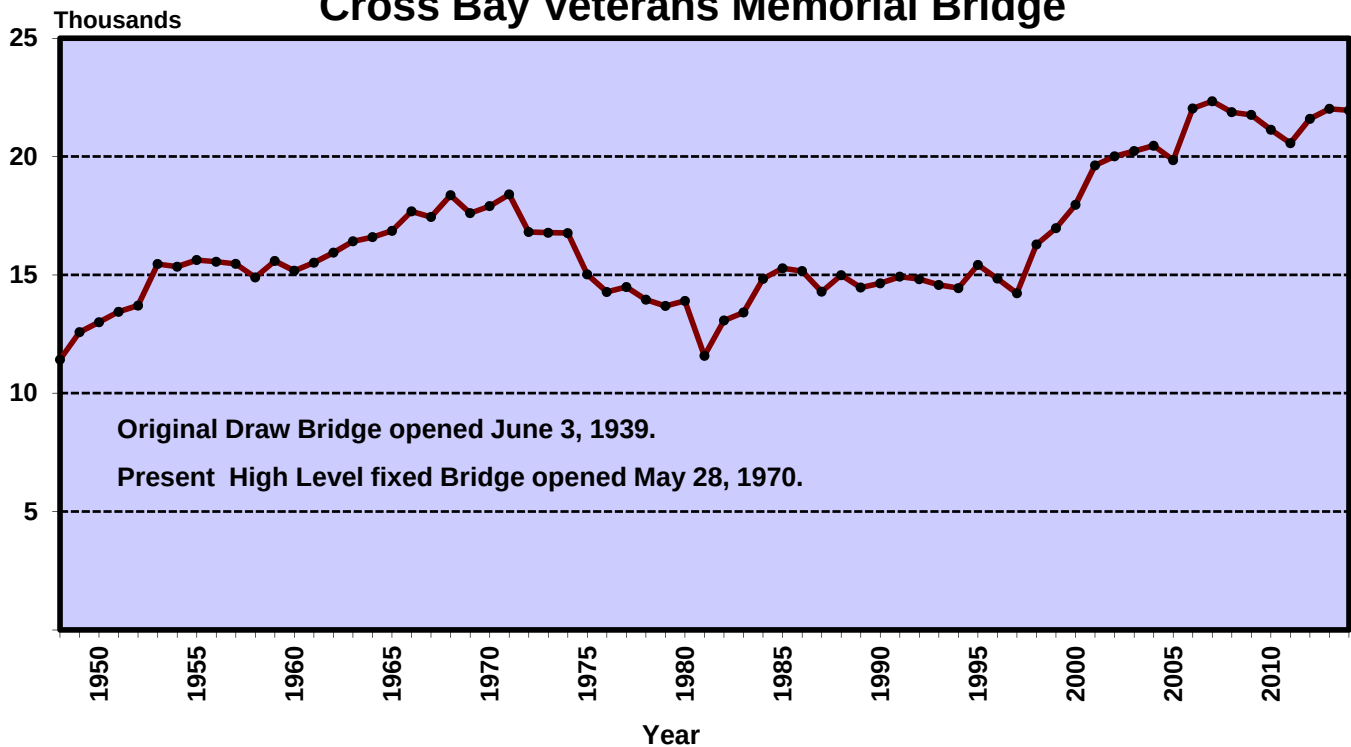
Average Daily Traffic Volumes ~ Total of Both Directions Verrazano-Narrows Bridge



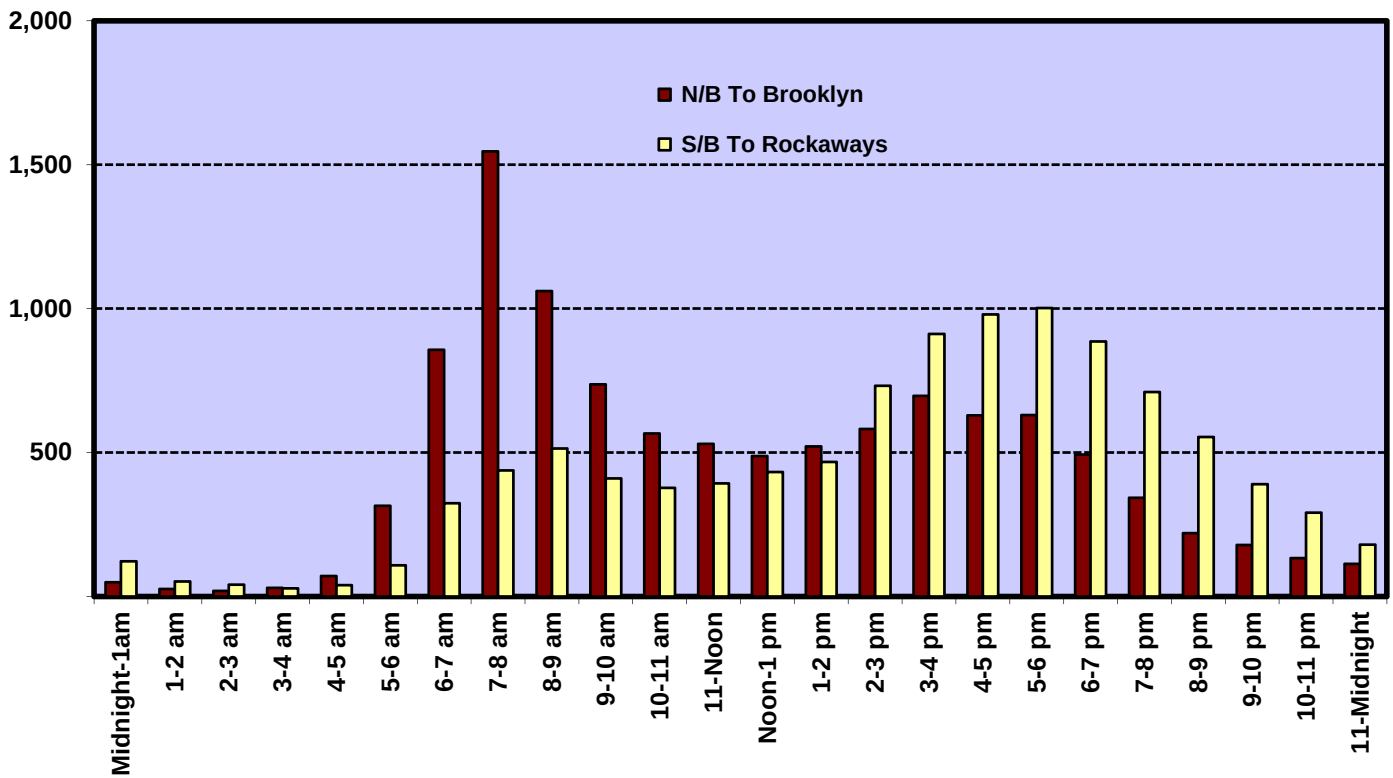
Hourly Vehicular Volumes Cross Bay Veterans Memorial Bridge ~ 2014



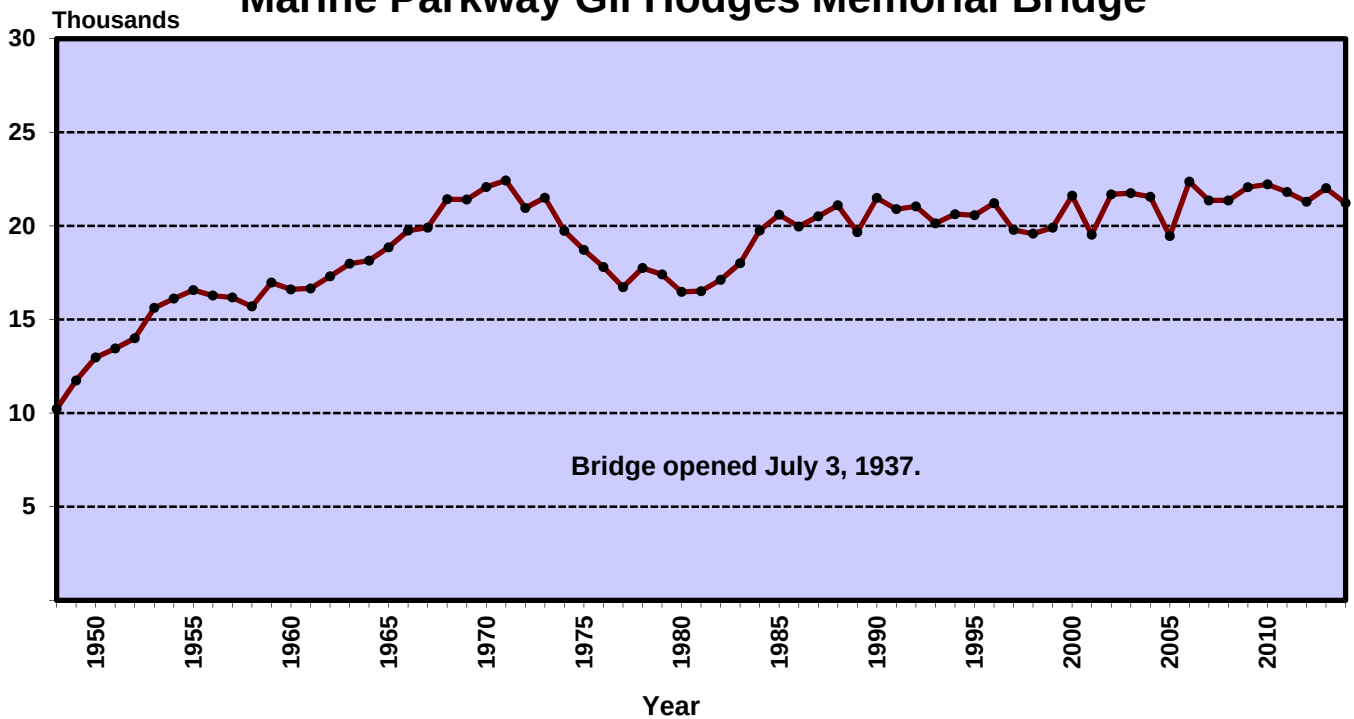
Average Daily Traffic Volumes ~ Total of Both Directions Cross Bay Veterans Memorial Bridge



Hourly Vehicular Volumes Marine Parkway Gil Hodges Memorial Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Marine Parkway Gil Hodges Memorial Bridge



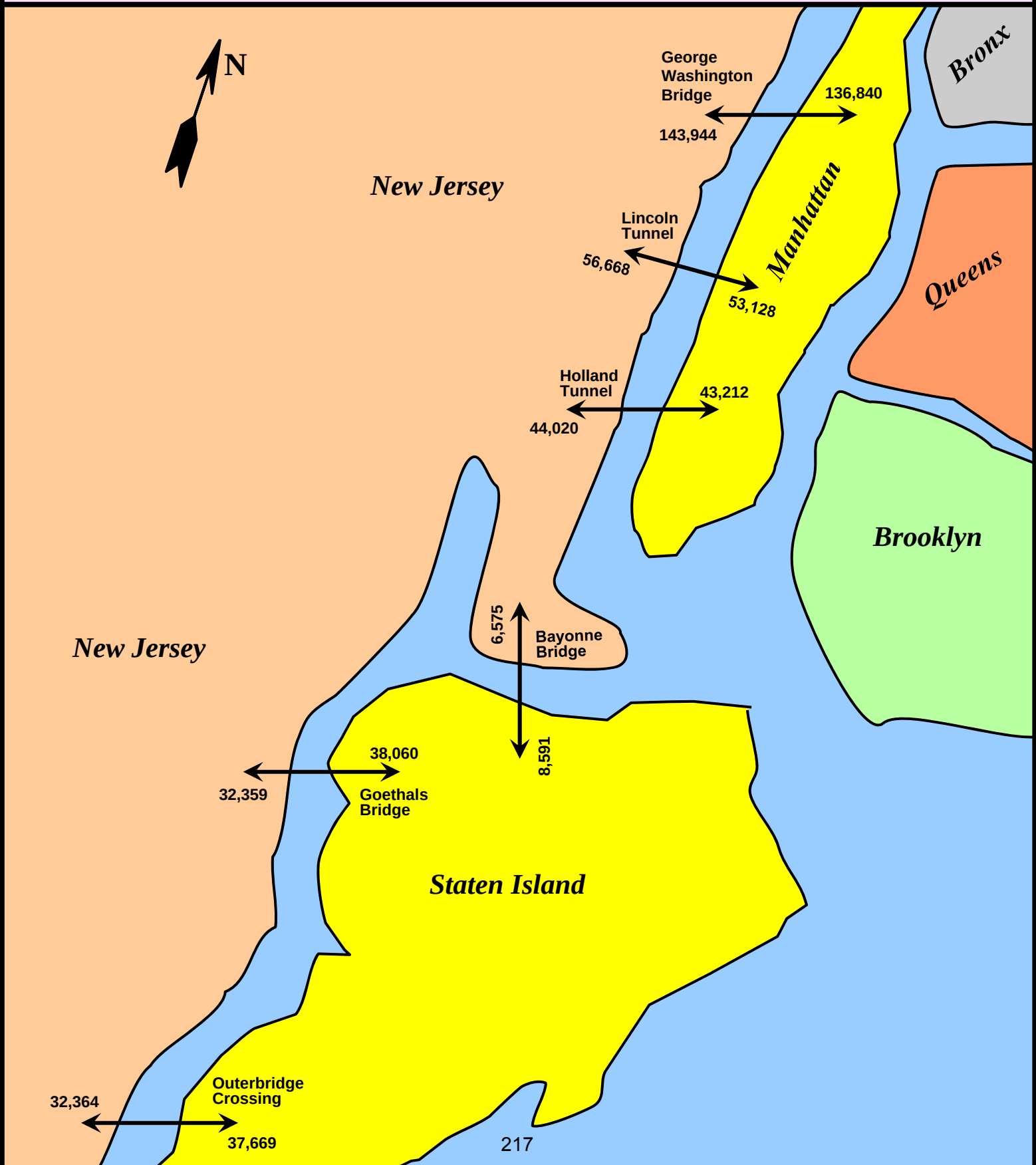
PANYNJ Facilities



Bayonne Bridge

PANYNJ Facilities

2014 Daily Volumes



PANYNJ Manhattan - New Jersey Facilities
Average Daily Traffic Volumes
1948 - 2014

<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
2008	293,059	97,057	118,153	508,269
2009	289,694	96,184	118,982	504,860
2010	292,047	94,667	119,832	506,546
2011	279,896	93,560	117,653	491,109
2012	276,648	92,743	113,166	482,557
2013	277,645	90,012	112,162	479,819
2014	280,784	87,232	109,796	477,812

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

PANYNJ toll increases May 1975, January 1984, April 1987, April 1991, March 2001, March 2008, September 2011, December 2012, December 2013, & December 2014.

PANYNJ Staten Island - New Jersey Bridges
Average Daily Traffic Volumes
1948 - 2014

<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
2008	20,058	72,834	72,884	165,776
2009	19,422	71,230	74,852	165,504
2010	19,981	73,486	74,665	168,132
2011	18,665	75,580	75,291	169,536
2012	18,755	73,135	71,816	163,706
2013	18,541	72,986	66,740	158,267
2014	15,166	70,419	70,033	155,618

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

PANYNJ toll increases May 1975, January 1984, April 1987, April 1991, March 2001, March 2008, September 2011, December 2012, December 2013, & December 2014.

Hourly Vehicular Volumes

Port Authority of New York & New Jersey

2014

	George Washington Bridge		Holland Tunnel		Lincoln Tunnel		Totals	
	E/B	W/B	E/B	W/B	E/B	W/B	Entering Manhattan	Leaving Manhattan
12-1am	1,501	2,500	708	993	793	1,398	3,002	4,891
1-2am	1,059	1,294	442	629	528	720	2,029	2,643
2-3am	943	972	347	447	442	468	1,732	1,887
3-4am	1,160	1,192	380	477	495	427	2,035	2,096
4-5am	2,108	1,472	638	755	920	469	3,666	2,696
5-6am	6,080	2,820	2,066	1,439	3,021	754	11,167	5,013
6-7am	11,133 **	5,002	2,973 **	2,349	4,983 **	1,394	19,089 **	8,745
7-8am	9,805	6,650	2,820	2,635 **	4,499	1,921	17,124	11,206
8-9am	8,444	7,611	2,712	2,389	4,216	1,898	15,372	11,898
9-10am	8,331	6,600	2,551	2,007	3,872	1,979	14,754	10,586
10-11am	7,317	6,121	2,202	1,882	3,148	1,838	12,667	9,841
11-12am	6,598	5,690	1,898	1,877	2,782	2,045	11,278	9,612
12-1pm	6,312	6,149	1,811	2,005	2,474	2,388	10,597	10,542
1-2pm	6,243	7,015	1,821	2,248	2,418	2,773	10,482	12,036
2-3pm	6,684	8,602	1,960	2,473	2,539	3,520	11,183	14,595
3-4pm	7,349	10,111	2,288	2,463	2,408	4,238	12,045	16,812
4-5pm	7,798	9,745	2,500	2,204	2,041	4,653 **	12,339	16,602
5-6pm	8,163	11,787 **	2,632	2,188	1,298	4,963 **	12,093	18,938 **
6-7pm	8,002	11,349	2,537	2,206	1,873	4,884	12,412	18,439
7-8pm	6,424	10,058	2,091	2,493	1,895	3,941	10,410	16,492
8-9pm	5,075	7,520	1,693	2,162	1,892	3,102	8,660	12,784
9-10pm	4,221	5,721	1,584	2,169	1,717	2,756	7,522	10,646
10-11pm	3,532	4,528	1,416	1,891	1,590	2,749	6,538	9,168
11-12pm	2,558	3,435	1,142	1,639	1,284	1,390	4,984	6,464
Totals	136,840	143,944	43,212	44,020	53,128	56,668	233,180	244,632
7-10am	26,580	20,861	8,083	7,031	12,587	5,798	47,250	33,690
10am-1pm	20,227	17,960	5,911	5,764	8,404	6,271	34,542	29,995
1-4pm	20,276	25,728	6,069	7,184	7,365	10,531	33,710	43,443
4-7pm	23,963	32,881	7,669	6,598	5,212	14,500	36,844	53,979
7am-7pm	91,046	97,430	27,732	26,577	33,568	37,100	152,346	161,107
6-10am	37,713	25,863	11,056	9,380	17,570	7,192	66,339	42,435
3-7pm	31,312	42,992	9,957	9,061	7,620	18,738	48,889	70,791
6am-7pm	102,179	102,432	30,705	28,926	38,551	38,494	171,435	169,852

** Peak Volumes

Note: NYC DOT uses the averages of vehicular volumes from selected representative fall weekdays. Publications from other sources may be based on alternative computation methodologies, yielding different results for some facilities, notably the tolled bridges and tunnels.

Hourly Vehicular Volumes

Port Authority of New York & New Jersey

2014

	Bayonne Bridge		Goethals Bridge		Outerbridge Crossing		Totals	
	S/B	N/B	E/B	W/B	E/B	W/B	To Staten Island	To New Jersey
12-1am	13	46	648	334	423	303	1,084	683
1-2am	8	27	431	216	278	165	717	408
2-3am	6	21	326	185	236	149	568	355
3-4am	8	36	383	242	316	133	707	411
4-5am	44	86	566	406	699	250	1,309	742
5-6am	182	224	1,348	969	1,829	551	3,359	1,744
6-7am	385	496	1,865	1,852	2,697	**	4,947	3,584
7-8am	468	751	1,750	2,426	2,601	2,127	4,819	5,304
8-9am	444	831	1,802	2,600	2,207	2,356	4,453	5,787
9-10am	378	399	1,862	2,145	2,012	1,803	4,252	4,347
10-11am	346	328	1,626	1,765	1,686	1,626	3,658	3,719
11-12am	352	289	1,606	1,726	1,601	1,529	3,559	3,544
12-1pm	360	277	1,670	1,563	1,681	1,506	3,711	3,346
1-2pm	405	327	1,836	1,599	1,758	1,595	3,999	3,521
2-3pm	505	312	2,033	1,789	1,900	1,860	4,438	3,961
3-4pm	701	319	2,280	2,139	2,021	2,412	5,002	4,870
4-5pm	837	317	2,635	2,211	2,297	2,516	5,769	5,044
5-6pm	1,084	347	2,917	2,100	2,583	2,392	6,584	4,839
6-7pm	945	302	2,773	1,774	2,378	2,273	6,096	4,349
7-8pm	594	262	2,218	1,352	1,903	1,873	4,715	3,487
8-9pm	379	185	1,738	929	1,549	1,303	3,666	2,417
9-10pm	64	154	1,496	847	1,283	998	2,843	1,999
10-11pm	45	137	1,226	655	996	790	2,267	1,582
11-12pm	38	102	1,025	535	735	618	1,798	1,255
Totals	8,591	6,575	38,060	32,359	37,669	32,364	84,320	71,298
7-10am	1,290	1,981	5,414	7,171	6,820	6,286	13,524	15,438
10am-1pm	1,058	894	4,902	5,054	4,968	4,661	10,928	10,609
1-4pm	1,611	958	6,149	5,527	5,679	5,867	13,439	12,352
4-7pm	2,866	966	8,325	6,085	7,258	7,181	18,449	14,232
7am-7pm	6,825	4,799	24,790	23,837	24,725	23,995	56,340	52,631
6-10am	1,675	2,477	7,279	9,023	9,517	7,522	18,471	19,022
3-7pm	3,567	1,285	10,605	8,224	9,279	9,593	23,451	19,102
6am-7pm	7,210	5,295	26,655	25,689	27,422	25,231	61,287	56,215

** Peak Volumes

Hourly Vehicular Volumes

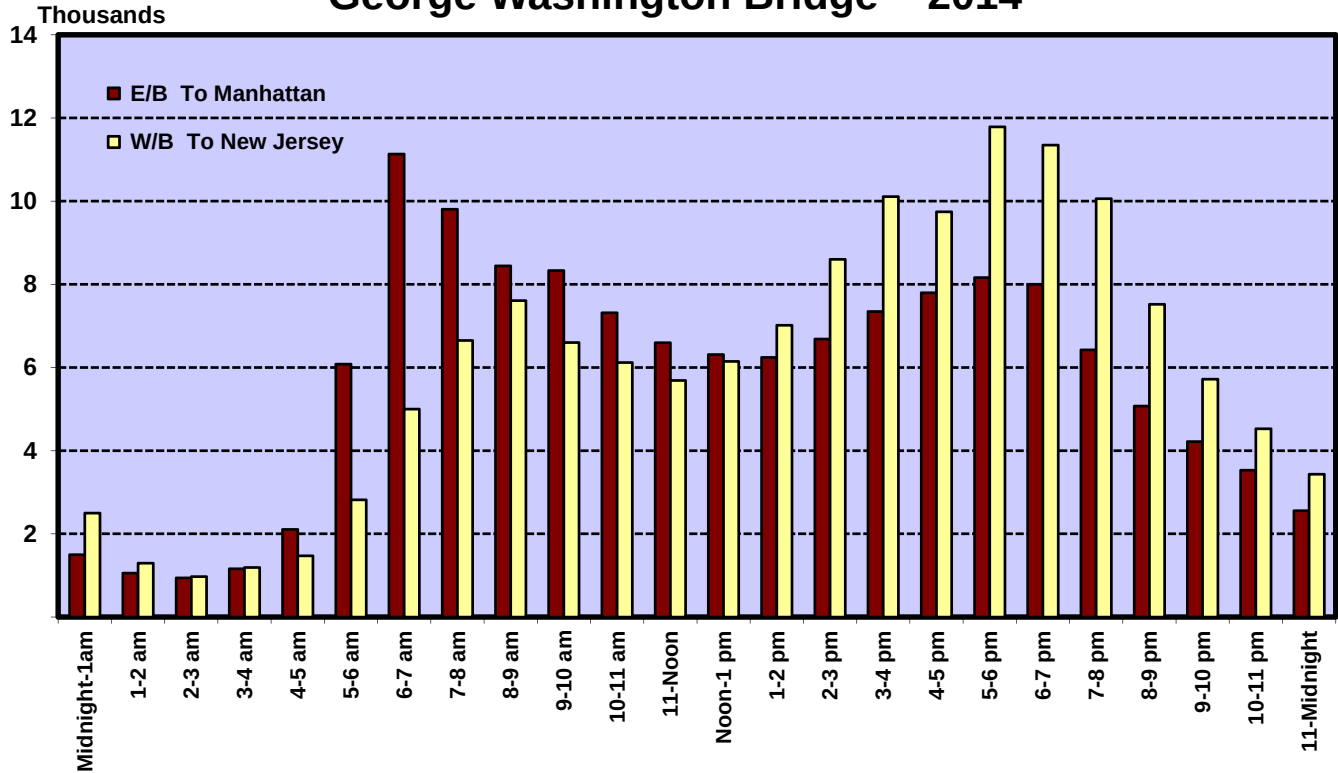
George Washington Bridge - 2014

	Eastbound to Manhattan					Westbound to New Jersey					2-Way Grand Totals
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
12-1am	1,254	11	42	194	1,501	2,098	11	81	310	2,500	4,001
1-2am	753	3	56	247	1,059	996	5	68	225	1,294	2,353
2-3am	594	3	63	283	943	638	0	73	261	972	1,915
3-4am	694	3	93	370	1,160	708	0	99	385	1,192	2,352
4-5am	1,409	9	174	516	2,108	960	0	134	378	1,472	3,580
5-6am	5,067	28	331	654	6,080	2,061	11	261	487	2,820	8,900
6-7am	10,018	82	485	548	11,133	4,132	49	278	543	5,002	16,135
7-8am	9,071	89	317	328	9,805	6,014	58	229	349	6,650	16,455
8-9am	7,626	80	386	352	8,444	6,753	85	331	442	7,611	16,055
9-10am	7,457	74	381	419	8,331	5,662	66	325	547	6,600	14,931
10-11am	6,541	59	311	406	7,317	5,017	61	361	682	6,121	13,438
11-12am	5,873	55	290	380	6,598	4,621	37	356	676	5,690	12,288
12-1pm	5,654	57	270	331	6,312	5,020	45	373	711	6,149	12,461
1-2pm	5,631	61	253	298	6,243	5,829	42	401	743	7,015	13,258
2-3pm	6,063	81	258	282	6,684	7,557	52	395	598	8,602	15,286
3-4pm	6,791	95	231	232	7,349	9,149	63	379	520	10,111	17,460
4-5pm	7,305	91	195	207	7,798	9,176	75	260	234	9,745	17,543
5-6pm	7,733	94	149	187	8,163	11,033	71	279	404	11,787	19,950
6-7pm	7,610	80	116	196	8,002	10,674	81	228	366	11,349	19,351
7-8pm	6,050	67	87	220	6,424	9,449	56	148	405	10,058	16,482
8-9pm	4,720	53	78	224	5,075	7,105	38	97	280	7,520	12,595
9-10pm	3,930	35	59	197	4,221	5,273	24	102	322	5,721	9,942
10-11pm	3,287	25	44	176	3,532	4,110	21	56	341	4,528	8,060
11-12pm	2,328	21	33	176	2,558	3,069	16	61	289	3,435	5,993
Totals	123,459	1,256	4,702	7,423	136,840	127,104	967	5,375	10,498	143,944	280,784
7-10am	24,154	243	1,084	1,099	26,580	18,429	209	885	1,338	20,861	47,441
10am-1pm	18,068	171	871	1,117	20,227	14,658	143	1,090	2,069	17,960	38,187
1-4pm	18,485	237	742	812	20,276	22,535	157	1,175	1,861	25,728	46,004
4-7pm	22,648	265	460	590	23,963	30,883	227	767	1,004	32,881	56,844
7am-7pm	83,355	916	3,157	3,618	91,046	86,505	736	3,917	6,272	97,430	188,476
6-10am	34,172	325	1,569	1,647	37,713	22,561	258	1,163	1,881	25,863	63,576
3-7pm	29,439	360	691	822	31,312	40,032	290	1,146	1,524	42,992	74,304
6am-7pm	93,373	998	3,642	4,166	102,179	90,637	785	4,195	6,815	102,432	204,611

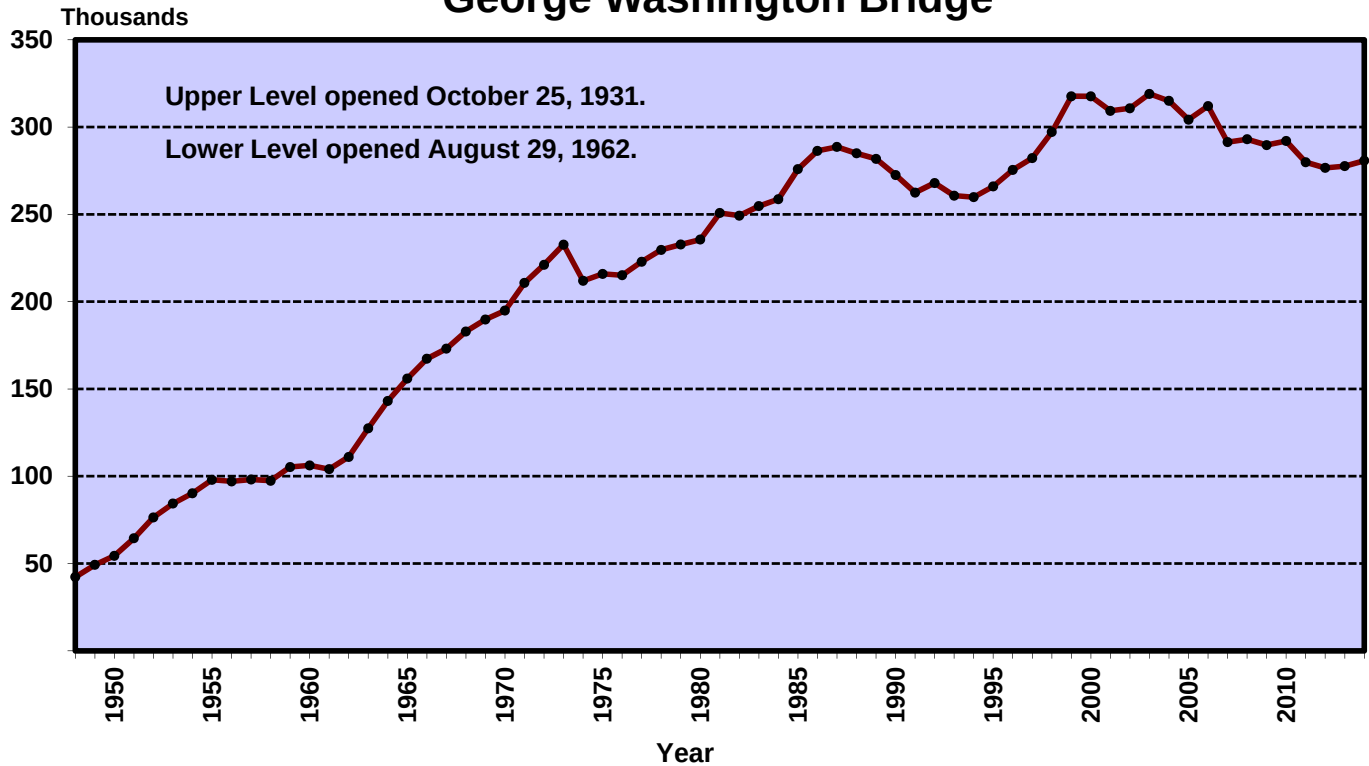
Classification based on October 2014 Data.

** Peak Volumes

Hourly Vehicular Volumes George Washington Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions George Washington Bridge



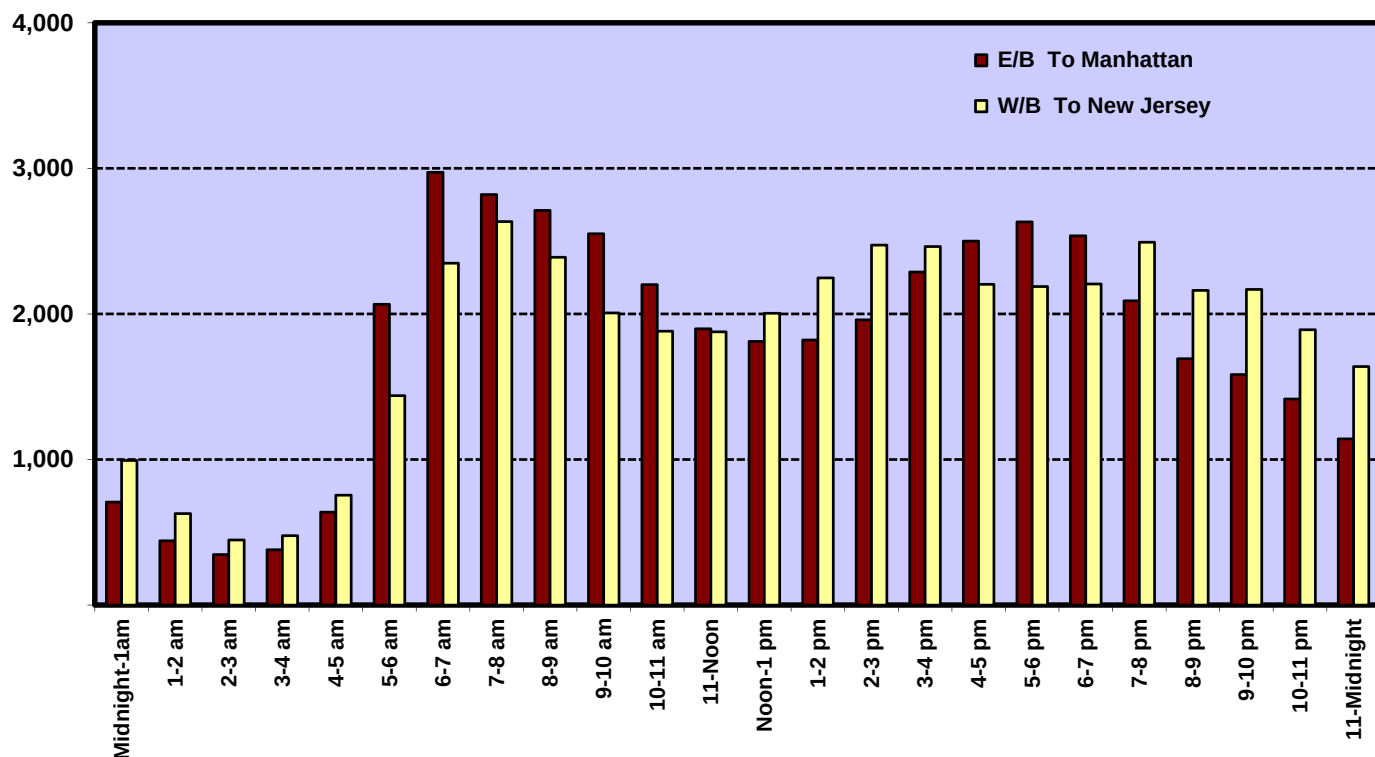
Hourly Vehicular Volumes Holland Tunnel - 2014

Eastbound to Manhattan						Westbound to New Jersey						2-Way Grand Totals
Autos	Buses	Small Trucks	Large Trucks	Total Vehicles		Autos	Buses	Small Trucks	Large Trucks	Total Vehicles		
12-1am	665	5	38	0	708		980	0	13	0	993	1,701
1-2am	408	4	30	0	442		599	2	27	1	629	1,071
2-3am	301	4	41	1	347		418	1	28	0	447	794
3-4am	313	4	62	1	380		432	1	44	0	477	857
4-5am	565	7	65	1	638		687	4	63	1	755	1,393
5-6am	1,909	21	132	4	2,066		1,382	5	52	0	1,439	3,505
6-7am	2,796	50	124	3	2,973	**	2,248	16	85	0	2,349	5,322
7-8am	2,611	66	142	1	2,820		2,515	41	79	0	2,635	5,455
8-9am	2,509	63	138	2	2,712		2,227	59	103	0	2,389	5,101
9-10am	2,381	49	119	2	2,551		1,839	36	132	0	2,007	4,558
10-11am	2,073	26	102	1	2,202		1,703	21	158	0	1,882	4,084
11-12am	1,807	18	72	1	1,898		1,683	12	182	0	1,877	3,775
12-1pm	1,728	15	67	1	1,811		1,816	13	176	0	2,005	3,816
1-2pm	1,734	19	67	1	1,821		2,068	10	170	0	2,248	4,069
2-3pm	1,876	23	60	1	1,960		2,299	23	151	0	2,473	4,433
3-4pm	2,175	51	62	0	2,288		2,317	20	126	0	2,463	4,751
4-5pm	2,363	85	51	1	2,500		2,049	38	115	2	2,204	4,704
5-6pm	2,524	71	36	1	2,632		2,031	61	96	0	2,188	4,820
6-7pm	2,461	48	27	1	2,537		2,097	40	69	0	2,206	4,743
7-8pm	2,043	19	28	1	2,091		2,386	19	88	0	2,493	4,584
8-9pm	1,636	14	43	0	1,693		2,100	24	38	0	2,162	3,855
9-10pm	1,543	11	30	0	1,584		2,121	14	34	0	2,169	3,753
10-11pm	1,386	11	19	0	1,416		1,849	13	29	0	1,891	3,307
11-12pm	1,115	6	21	0	1,142		1,579	6	54	0	1,639	2,781
Totals	40,922	690	1,576	24	43,212		41,425	479	2,112	4	44,020	87,232
7-10am	7,501	178	399	5	8,083		6,581	136	314	0	7,031	15,114
10am-1pm	5,608	59	241	3	5,911		5,202	46	516	0	5,764	11,675
1-4pm	5,785	93	189	2	6,069		6,684	53	447	0	7,184	13,253
4-7pm	7,348	204	114	3	7,669		6,177	139	280	2	6,598	14,267
7am-7pm	26,242	534	943	13	27,732		24,644	374	1,557	2	26,577	54,309
6-10am	10,297	228	523	8	11,056		8,829	152	399	0	9,380	20,436
3-7pm	9,523	255	176	3	9,957		8,494	159	406	2	9,061	19,018
6am-7pm	29,038	584	1,067	16	30,705		26,892	390	1,642	2	28,926	59,631

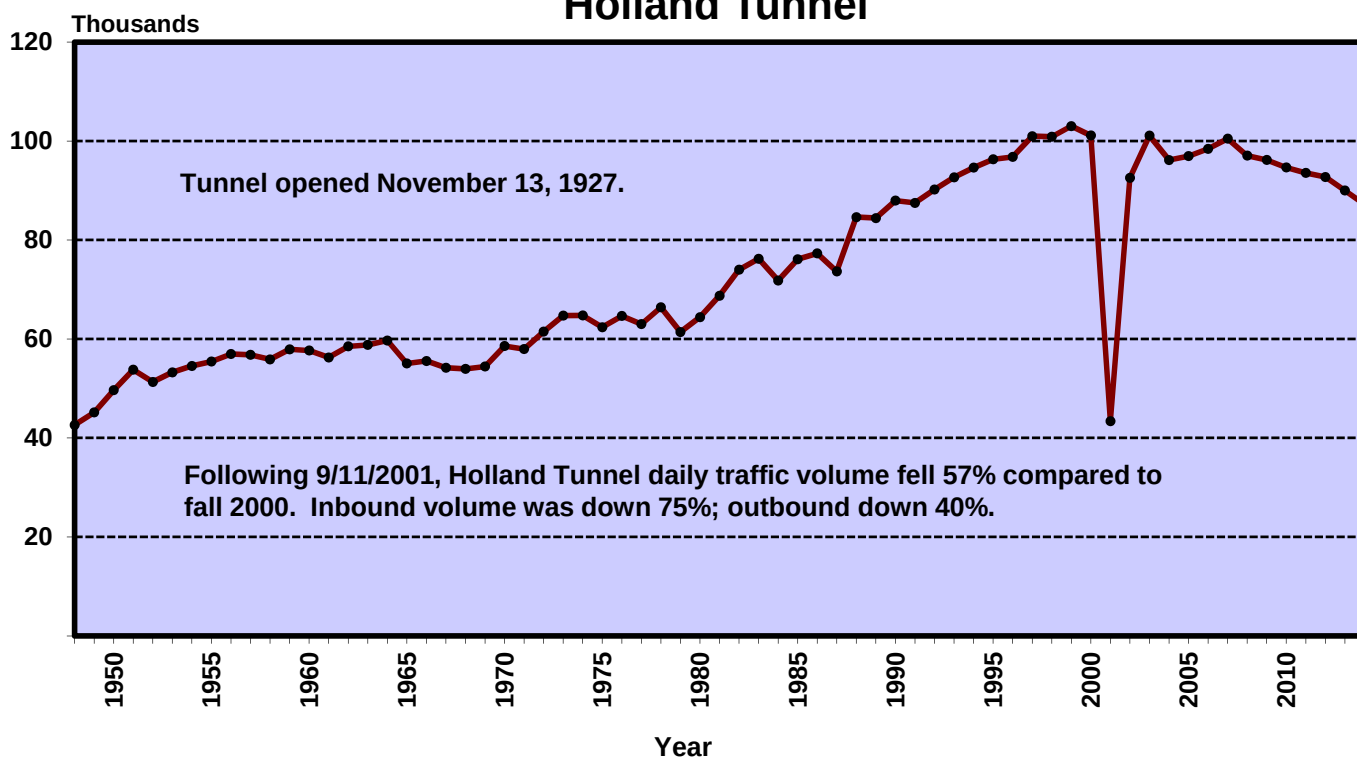
Classification based on October 2014 Data.

** Peak Volumes

Hourly Vehicular Volumes Holland Tunnel ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Holland Tunnel



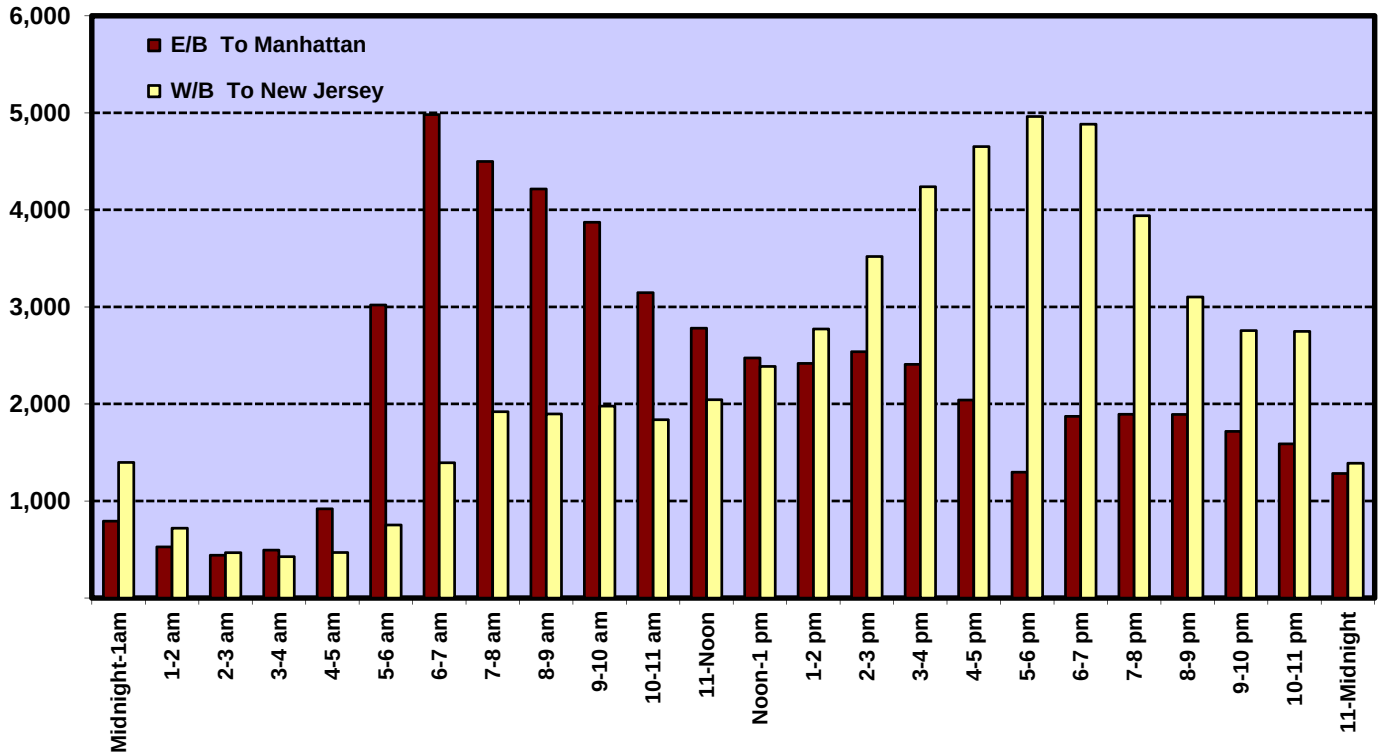
Hourly Vehicular Volumes Lincoln Tunnel - 2014

	<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	671	57	42	23	793	1,211	87	61	39	1,398	2,191
1-2am	419	29	48	32	528	586	50	42	42	720	1,248
2-3am	341	11	59	31	442	357	15	50	46	468	910
3-4am	343	13	93	46	495	312	14	42	59	427	922
4-5am	652	31	155	82	920	323	7	60	79	469	1,389
5-6am	2,407	183	331	100	3,021	528	64	80	82	754	3,775
6-7am	3,988	510	429	56	4,983	959	268	90	77	1,394	6,377
7-8am	3,333	827	302	37	4,499	1,162	566	140	53	1,921	6,420
8-9am	2,932	990	276	18	4,216	984	697	191	26	1,898	6,114
9-10am	2,975	623	257	17	3,872	1,062	697	183	37	1,979	5,851
10-11am	2,664	266	201	17	3,148	1,219	336	237	46	1,838	4,986
11-12am	2,395	228	144	15	2,782	1,537	222	225	61	2,045	4,827
12-1pm	2,142	191	128	13	2,474	1,876	165	280	67	2,388	4,862
1-2pm	2,075	223	111	9	2,418	2,206	182	331	54	2,773	5,191
2-3pm	2,133	298	99	9	2,539	2,970	206	306	38	3,520	6,059
3-4pm	1,923	405	74	6	2,408	3,673	259	261	45	4,238	6,646
4-5pm	1,469	505	61	6	2,041	3,943	419	266	25	4,653	6,694
5-6pm	905	353	35	5	1,298	4,063	685	203	12	4,963	6,261
6-7pm	1,375	442	44	12	1,873	3,986	724	160	14	4,884	6,757
7-8pm	1,530	301	47	17	1,895	3,337	490	108	6	3,941	5,836
8-9pm	1,573	232	62	25	1,892	2,689	293	103	17	3,102	4,994
9-10pm	1,453	178	50	36	1,717	2,454	214	60	28	2,756	4,473
10-11pm	1,358	144	59	29	1,590	2,469	191	63	26	2,749	4,339
11-12pm	1,100	103	53	28	1,284	1,200	117	32	41	1,390	2,674
Totals	42,156	7,143	3,160	669	53,128	45,106	6,968	3,574	1,020	56,668	109,796
7-10am	9,240	2,440	835	72	12,587	3,208	1,960	514	116	5,798	18,385
10am-1pm	7,201	685	473	45	8,404	4,632	723	742	174	6,271	14,675
1-4pm	6,131	926	284	24	7,365	8,849	647	898	137	10,531	17,896
4-7pm	3,749	1,300	140	23	5,212	11,992	1,828	629	51	14,500	19,712
7am-7pm	26,321	5,351	1,732	164	33,568	28,681	5,158	2,783	478	37,100	70,668
6-10am	13,228	2,950	1,264	128	17,570	4,167	2,228	604	193	7,192	24,762
3-7pm	5,672	1,705	214	29	7,620	15,665	2,087	890	96	18,738	26,358
6am-7pm	30,309	5,861	2,161	220	38,551	29,640	5,426	2,873	555	38,494	77,045

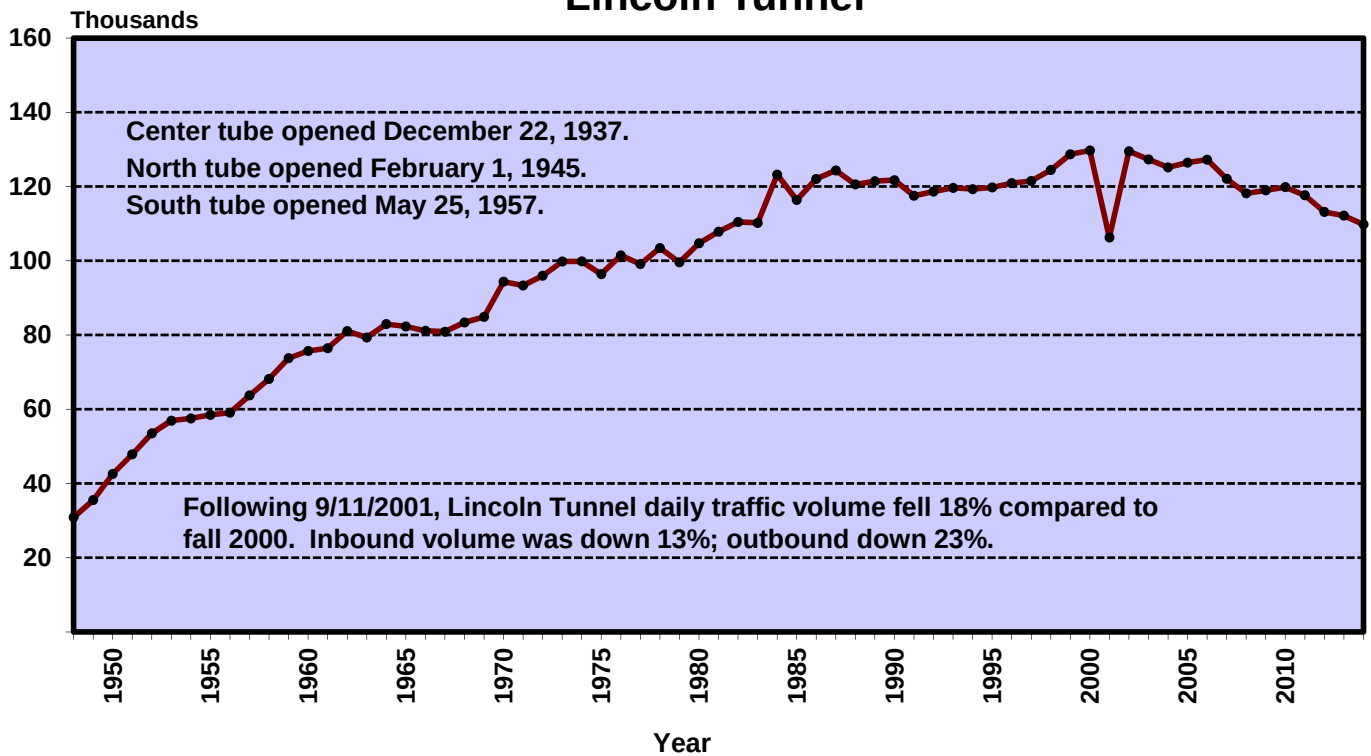
Classification based on October 2014 Data.

** Peak Volumes

Hourly Vehicular Volumes Lincoln Tunnel ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Lincoln Tunnel



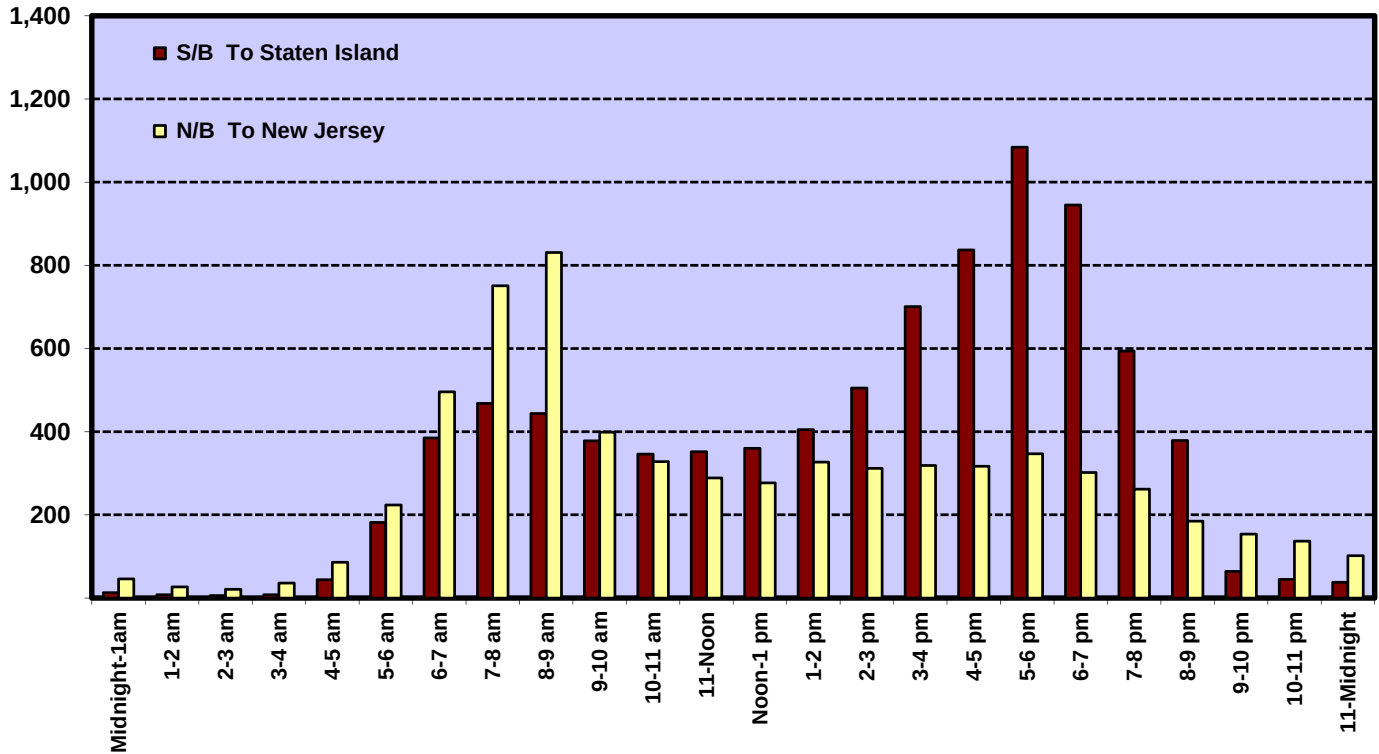
Hourly Vehicular Volumes Bayonne Bridge - 2014

	Southbound to Staten Island					Northbound to New Jersey					2-Way Grand Totals
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
12-1am	12	0	0	1	13	38	0	4	4	46	59
1-2am	6	0	1	1	8	20	0	7	0	27	35
2-3am	4	0	1	1	6	14	0	2	5	21	27
3-4am	6	0	1	1	8	28	0	6	2	36	44
4-5am	33	0	4	7	44	80	1	3	2	86	130
5-6am	138	0	16	28	182	207	1	14	2	224	406
6-7am	335	4	22	24	385	471	3	13	9	496	881
7-8am	408	7	25	28	468	720	6	16	9	751	1,219
8-9am	382	5	26	31	444	791	1	16	23	831	1,275
9-10am	307	7	33	31	378	361	0	19	19	399	777
10-11am	278	2	32	34	346	289	0	12	27	328	674
11-12am	291	1	28	32	352	248	0	25	16	289	641
12-1pm	311	1	23	25	360	246	0	19	12	277	637
1-2pm	359	2	22	22	405	290	0	19	18	327	732
2-3pm	458	2	23	22	505	270	1	21	20	312	817
3-4pm	659	2	23	17	701	288	3	15	13	319	1,020
4-5pm	797	5	19	16	837	277	3	26	11	317	1,154
5-6pm	1,042	6	22	14	1,084	312	5	23	7	347	1,431
6-7pm	914	7	13	11	945	290	3	7	2	302	1,247
7-8pm	575	3	11	5	594	245	2	13	2	262	856
8-9pm	368	1	6	4	379	180	0	5	0	185	564
9-10pm	63	0	1	0	64	151	0	2	1	154	218
10-11pm	45	0	0	0	45	127	0	5	5	137	182
11-12pm	38	0	0	0	38	81	1	20	0	102	140
Totals	7,829	55	352	355	8,591	6,024	30	312	209	6,575	15,166
7-10am	1,097	19	84	90	1,290	1,872	7	51	51	1,981	3,271
10am-1pm	880	4	83	91	1,058	783	0	56	55	894	1,952
1-4pm	1,476	6	68	61	1,611	848	4	55	51	958	2,569
4-7pm	2,753	18	54	41	2,866	879	11	56	20	966	3,832
7am-7pm	6,206	47	289	283	6,825	4,382	22	218	177	4,799	11,624
6-10am	1,432	23	106	114	1,675	2,343	10	64	60	2,477	4,152
3-7pm	3,412	20	77	58	3,567	1,167	14	71	33	1,285	4,852
6am-7pm	6,541	51	311	307	7,210	4,853	25	231	186	5,295	12,505

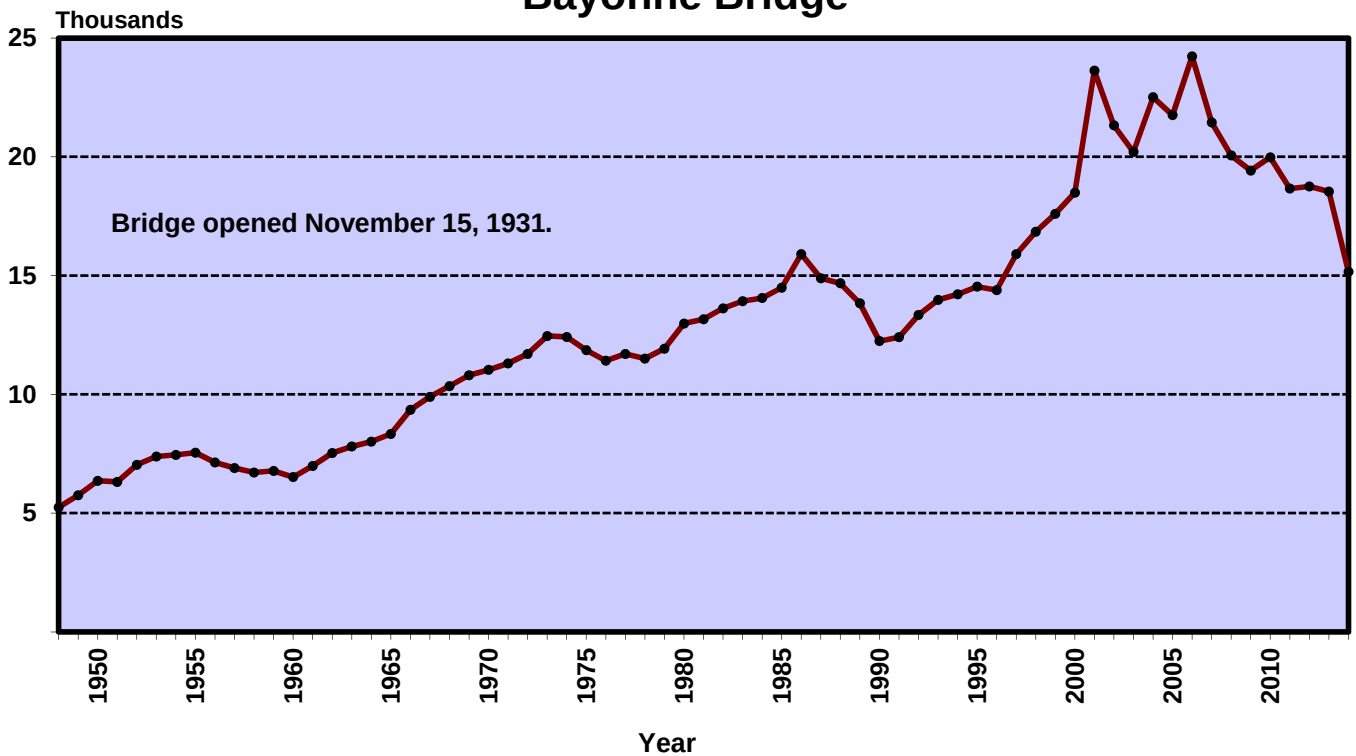
Classification based on October 2014 Data.

** Peak Volumes

Hourly Vehicular Volumes Bayonne Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Bayonne Bridge



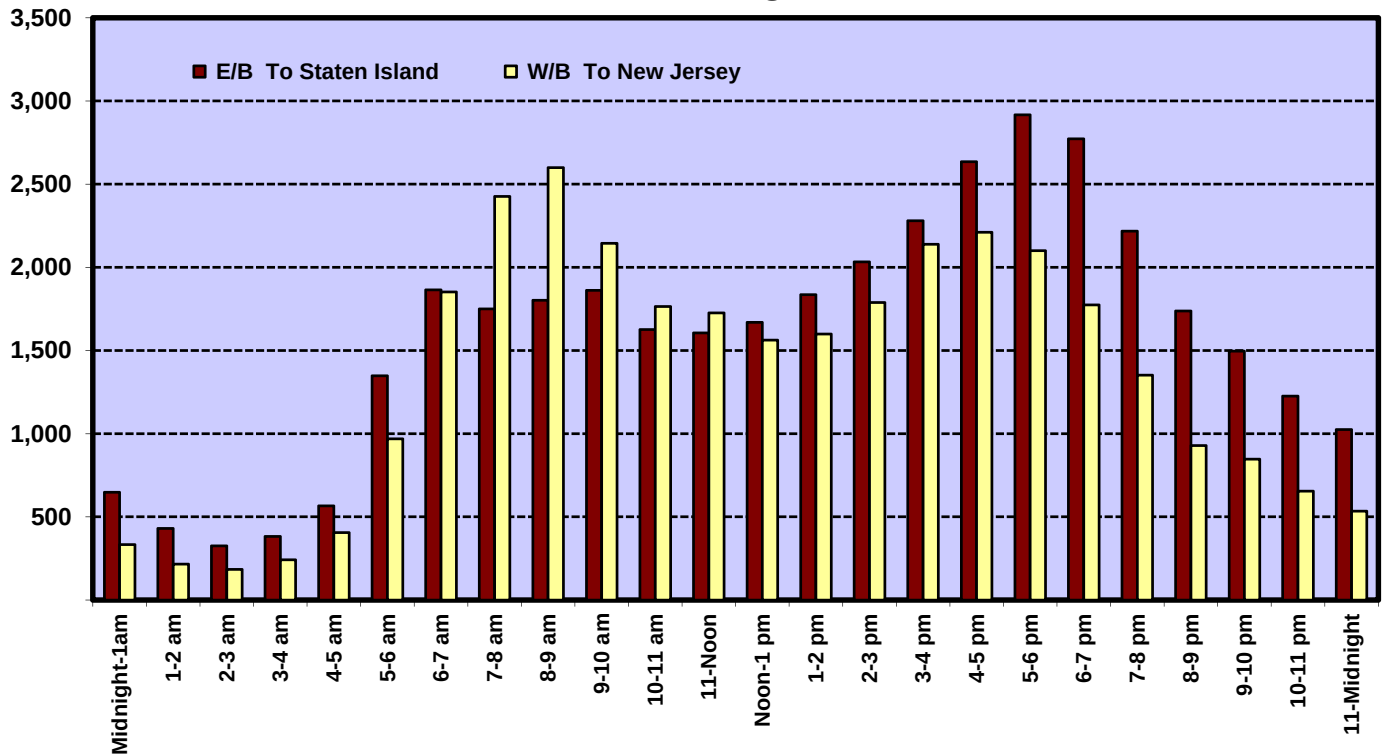
Hourly Vehicular Volumes Goethals Bridge - 2014

	<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	581	3	14	50	648	277	3	5	49	334	982
1-2am	346	2	15	68	431	157	0	48	11	216	647
2-3am	231	3	22	70	326	118	0	18	49	185	511
3-4am	237	2	55	89	383	183	1	17	41	242	625
4-5am	357	2	71	136	566	334	2	26	44	406	972
5-6am	1,059	6	107	176	1,348	836	18	48	67	969	2,317
6-7am	1,573	12	138	142	1,865	1,693	35	66	58	1,852	3,717
7-8am	1,460	23	125	142	1,750	2,197	62	102	65	2,426	4,176
8-9am	1,493	27	135	147	1,802	2,368	39	106	87	2,600	4,402
9-10am	1,509	40	151	162	1,862	1,840	14	150	141	2,145	4,007
10-11am	1,303	33	125	165	1,626	1,470	7	146	142	1,765	3,391
11-12am	1,333	18	116	139	1,606	1,412	4	152	158	1,726	3,332
12-1pm	1,431	10	104	125	1,670	1,279	9	155	120	1,563	3,233
1-2pm	1,600	8	105	123	1,836	1,236	17	187	159	1,599	3,435
2-3pm	1,798	9	110	116	2,033	1,358	21	219	191	1,789	3,822
3-4pm	2,070	22	97	91	2,280	1,807	10	209	113	2,139	4,419
4-5pm	2,469	26	74	66	2,635	1,984	2	128	97	2,211	4,846
5-6pm	2,747	40	61	69	2,917	1,954	4	83	59	2,100	5,017
6-7pm	2,617	47	45	64	2,773	1,631	3	78	62	1,774	4,547
7-8pm	2,097	34	34	53	2,218	1,264	1	45	42	1,352	3,570
8-9pm	1,655	14	28	41	1,738	884	1	21	23	929	2,667
9-10pm	1,420	6	26	44	1,496	807	2	14	24	847	2,343
10-11pm	1,153	5	21	47	1,226	596	0	54	5	655	1,881
11-12pm	964	3	14	44	1,025	470	0	14	51	535	1,560
Totals	33,503	395	1,793	2,369	38,060	28,155	255	2,091	1,858	32,359	70,419
7-10am	4,462	90	411	451	5,414	6,405	115	358	293	7,171	12,585
10am-1pm	4,067	61	345	429	4,902	4,161	20	453	420	5,054	9,956
1-4pm	5,468	39	312	330	6,149	4,401	48	615	463	5,527	11,676
4-7pm	7,833	113	180	199	8,325	5,569	9	289	218	6,085	14,410
7am-7pm	21,830	303	1,248	1,409	24,790	20,536	192	1,715	1,394	23,837	48,627
6-10am	6,035	102	549	593	7,279	8,098	150	424	351	9,023	16,302
3-7pm	9,903	135	277	290	10,605	7,376	19	498	331	8,224	18,829
6am-7pm	23,403	315	1,386	1,551	26,655	22,229	227	1,781	1,452	25,689	52,344

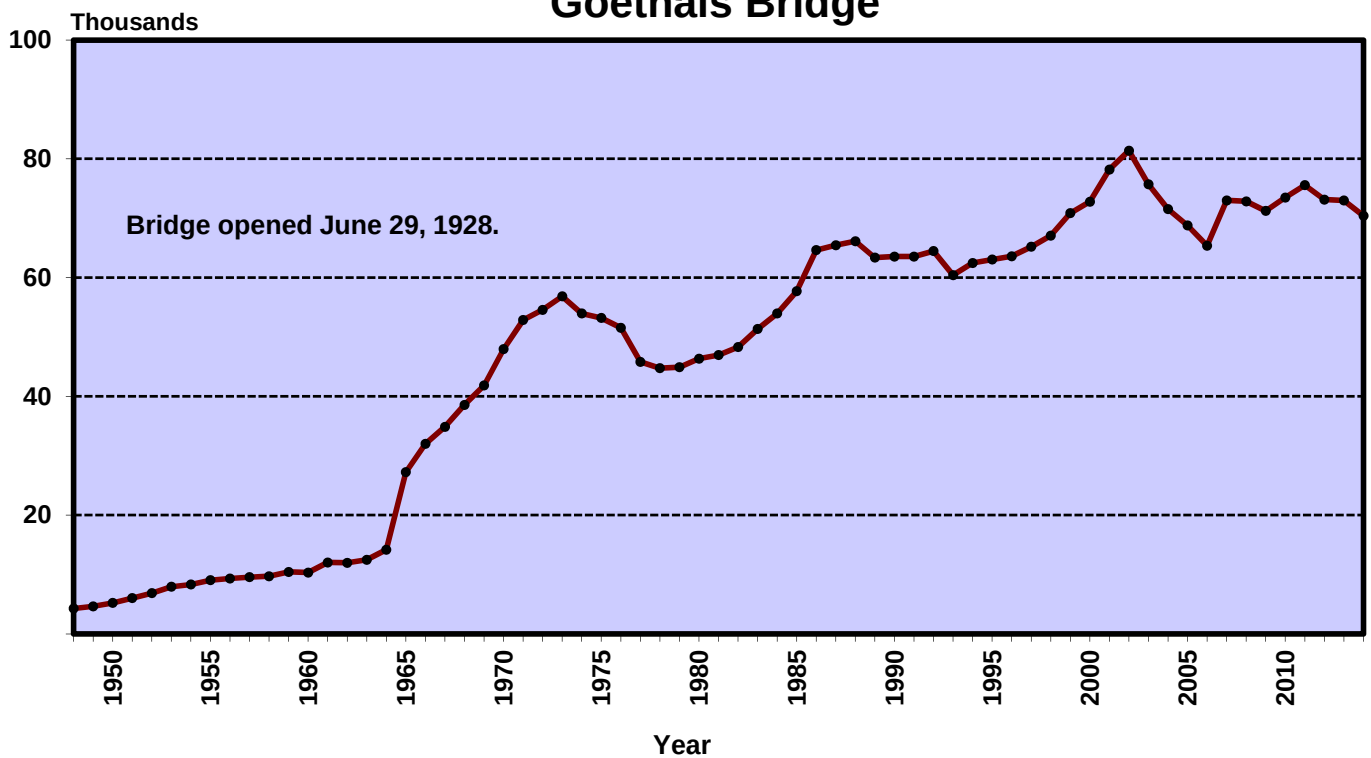
Classification based on October 2014 Data.

** Peak Volumes

Hourly Vehicular Volumes Goethals Bridge ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Goethals Bridge



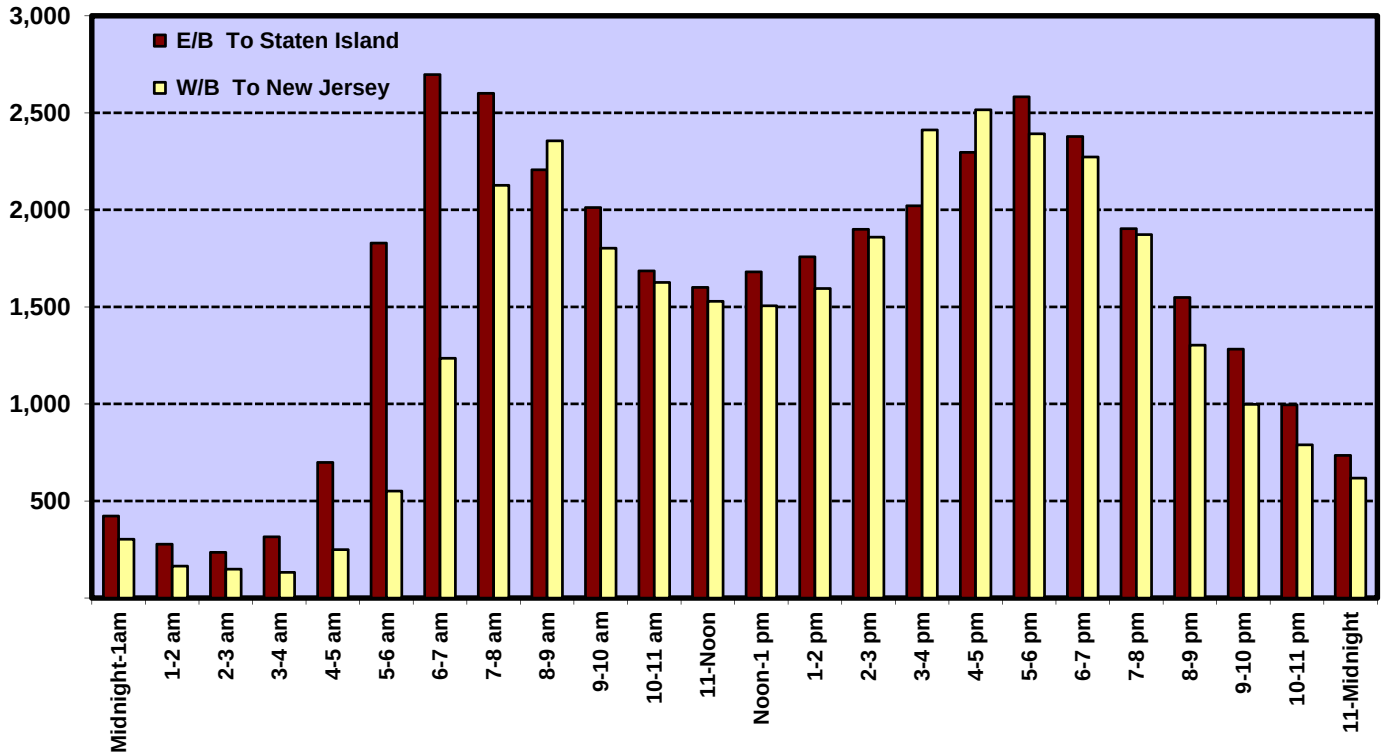
Hourly Vehicular Volumes Outerbridge Crossing - 2014

	Eastbound to Staten Island					Westbound to New Jersey					2-Way Grand Totals
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
12-1am	350	2	9	62	423	256	0	4	43	303	726
1-2am	193	3	9	73	278	135	0	2	28	165	443
2-3am	143	3	11	79	236	102	0	10	37	149	385
3-4am	185	3	26	102	316	89	0	15	29	133	449
4-5am	497	7	48	147	699	191	0	17	42	250	949
5-6am	1,601	12	83	133	1,829	470	0	40	41	551	2,380
6-7am	2,502	16	87	92	2,697	1,141	1	54	40	1,236	3,933
7-8am	2,409	4	97	91	2,601	1,996	2	89	40	2,127	4,728
8-9am	2,032	4	98	73	2,207	2,197	11	89	59	2,356	4,563
9-10am	1,825	4	86	97	2,012	1,636	21	112	34	1,803	3,815
10-11am	1,518	3	74	91	1,686	1,450	11	113	52	1,626	3,312
11-12am	1,462	4	60	75	1,601	1,366	5	88	70	1,529	3,130
12-1pm	1,539	5	68	69	1,681	1,353	2	101	50	1,506	3,187
1-2pm	1,627	7	66	58	1,758	1,401	3	127	64	1,595	3,353
2-3pm	1,783	4	59	54	1,900	1,722	1	88	49	1,860	3,760
3-4pm	1,925	5	55	36	2,021	2,284	3	85	40	2,412	4,433
4-5pm	2,218	5	45	29	2,297	2,421	1	62	32	2,516	4,813
5-6pm	2,516	5	35	27	2,583	2,329	5	39	19	2,392	4,975
6-7pm	2,310	7	30	31	2,378	2,206	8	40	19	2,273	4,651
7-8pm	1,833	10	22	38	1,903	1,813	20	28	12	1,873	3,776
8-9pm	1,466	8	25	50	1,549	1,255	10	23	15	1,303	2,852
9-10pm	1,217	3	13	50	1,283	960	4	12	22	998	2,281
10-11pm	923	2	12	59	996	742	1	19	28	790	1,786
11-12pm	663	3	11	58	735	573	1	17	27	618	1,353
Totals	34,737	129	1,129	1,674	37,669	30,088	110	1,274	892	32,364	70,033
7-10am	6,266	12	281	261	6,820	5,829	34	290	133	6,286	13,106
10am-1pm	4,519	12	202	235	4,968	4,169	18	302	172	4,661	9,629
1-4pm	5,335	16	180	148	5,679	5,407	7	300	153	5,867	11,546
4-7pm	7,044	17	110	87	7,258	6,956	14	141	70	7,181	14,439
7am-7pm	23,164	57	773	731	24,725	22,361	73	1,033	528	23,995	48,720
6-10am	8,768	28	368	353	9,517	6,970	35	344	173	7,522	17,039
3-7pm	8,969	22	165	123	9,279	9,240	17	226	110	9,593	18,872
6am-7pm	25,666	73	860	823	27,422	23,502	74	1,087	568	25,231	52,653

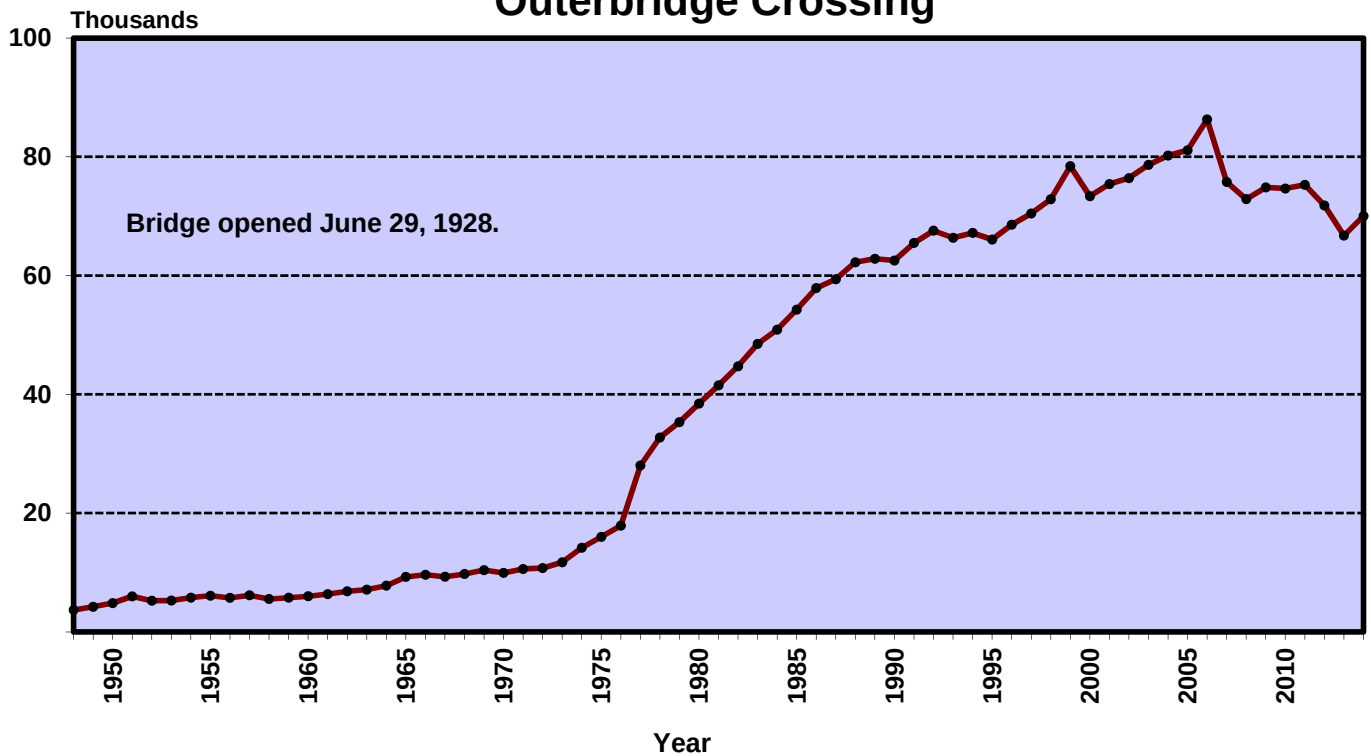
Classification based on October 2014 Data.

** Peak Volumes

Hourly Vehicular Volumes Outerbridge Crossing ~ 2014



Average Daily Traffic Volumes ~ Total of Both Directions Outerbridge Crossing



APPENDIX

2014 Bridge and Tunnel Reconstruction

APPENDIX

Major Bridge Reconstruction In 2014

Brooklyn Bridge (East River between Brooklyn & Manhattan)

As of Monday night, April 4, 2011, the Brooklyn Bridge was closed to Manhattan-bound traffic during overnight hours for long-term reconstruction.

The closure times in 2014 were as follows.

01/06 – 01/10:	Fri night/Sat morning Sat night/Sun morning Sun night/Mon morning Mon – Thu nights	Midnight - 7:00am, Midnight – 9:00am, Midnight – 6:00am, 11:00pm – 6:00am.
01/11 – 04/04:	Fri night/Sat morning Mon – Thu nights	Midnight - 7:00am, 11:00pm – 6:00am.
04/05 – 04/07:	12:01am Sat. - 6:00am Mon.	
04/07 – 04/11:	Fri night/Sat morning Mon – Thu nights	Midnight - 7:00am, 11:00pm – 6:00am.
04/12 – 05/30:	Fri night/Sat morning Sat night/Sun morning Mon – Thu nights <i>No closures Fri night 05/23 to Tue morning 05/27.</i>	Midnight - 7:00am, Midnight – 9:00am, 11:00pm – 6:00am.
05/31 – 06/02:	12:01am Sat - 6:00am Mon.	
06/02 – 06/12:	Fri night/Sat morning Sat night/Sun morning Mon – Thu nights	Midnight - 7:00am, Midnight – 9:00am, 11:00pm – 6:00am.
06/13 – 06/16:	12:01am Fri - 6:00am Mon.	
06/17 – 07/11:	Fri night/Sat morning Sat night/Sun morning Mon – Thu nights <i>No closures Noon Thu 07/03 to Mon morning 07/07.</i>	Midnight - 7:00am, Midnight – 9:00am, 11:00pm – 6:00am.
07/12 – 07/25:	12:01am Sat. - 6:00am Mon, 11:00pm – 6:00am	Mon – Thu nights.
07/26 – 08/01:	12:01am – 7:00am 11:00pm – 6:00am	Sat, Mon – Thu nights.
08/02 – 08/08:	12:01am – 7:00 am 12:01am – 9:00 am 11:00pm – 6:00am	Sat, Sun, Mon – Thu nights 11:00pm – 6:00am,

08/09 – 08/29: 11:00pm – 6:00am Mon – Thu nights,
 12:01am – 7:00am Sat,
 12:01am – 11:00am Sun.

08/30 – 09/26: 11:00pm – 6:00am Mon – Thu nights,
 12:01am – 7:00am Sat,
 12:01am – 9:00am Sun.
No closures Labor Day weekend Fri night 08/29 to Tue morning 09/02.

09/27 – 10/10/: 11:00pm – 6:00am Mon – Thu nights,
 12:01am – 7:00am Sat,

10/11 – 10/17: 12:01am Sat - 6:00am Mon,
 11:00pm – 6:00am Mon – Thu nights.

10/18 – 10/24: 12:01am Sat – 11:00am Sun,
 Mon – Thu nights 11:00pm – 6:00am.

10/25 – 10/31: 12:01am Sat – 6:00am Mon,
 Mon – Thu nights 11:00pm – 6:00am.

11/01 – 11/07: 12:01am – 7:00am Sat,
 11:00pm – 6:00am Mon – Thu nights.

11/08 – 11/14: 12:01 am Sat – 6:00am Mon,
 Mon – Thu nights 11:00pm – 6:00am.

11/15 – 12/31: 12:01am – 7:00am Sat,
 12:01am – 9:00am Sun,
 11:00pm – 6:00am Mon – Thu nights.
No closures November 23-30 and December 22-28.

Bicycle and pedestrian access was maintained during these times.

The northbound FDR Drive exit to the bridge was closed during these times.

The Brooklyn – Queens Expressway eastbound exit to the Manhattan-bound bridge was closed during these times.

The Manhattan Bridge Lower Roadway was operated Manhattan-bound weekdays from 9:30pm to 3:00pm.

Throughout 2014, there were additional closures of single lanes in each direction on the Brooklyn Bridge during off-peak hours.

Ed Koch Queensboro Bridge (East River between Queens & Manhattan)

This bridge was officially renamed on April 11, 2011, when the mayor signed the legislation which had been passed by the City Council on March 23, 2011.

Throughout 2014, a High Occupancy Vehicle (HOV) facility was in effect on the Ed Koch Queensboro Bridge. The normally Queens-bound South Upper Roadway was reversed between 6:00am and 9:30am on weekdays to accommodate Manhattan-bound HOVs (no trucks) carrying two or more occupants.

Ed Koch Queensboro Bridge Operation: All 2014.

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 6:00–9:30am weekdays, Closed for reversal 9:30–10:00am weekdays, E/B all other times.
North Outer Roadway:	Reserved for bicyclists and pedestrians at all times.
South Outer Roadway:	E/B all times for passenger cars only. Closed nightly from 9:00pm to 6:00am.

Throughout 2014, there were additional intermittent closings of single lanes on individual roadways of the Ed Koch Queensboro Bridge during off-peak hours.

Manhattan Bridge (East River between Brooklyn & Manhattan)

The Manhattan Bridge was open to pedestrians and bicyclists during all hours throughout 2014.

Note: *During 2014, the nearby Brooklyn Bridge was closed to Manhattan-bound traffic during overnight hours.*

Manhattan Bridge Operation: January 1, 2014 To January 31, 2014

- **6:00am – 10:00am weekdays.**

One of three lanes closed on the Lower Roadway.

- Manhattan-bound: 4 lanes.
 - 2 lanes on the North Upper Roadway (no trucks, left lane reserved for buses and HOV 2+).
 - 2 lanes on the Lower Roadway.
- Brooklyn-bound: 2 lanes on the South Upper Roadway.

- **10:00am – 3:00pm weekdays.**

Two of three lanes closed on the Lower Roadway.

- Manhattan-bound: 3 lanes.
 - 2 lanes on the North Upper Roadway.
 - 1 lane on the Lower Roadway.
- Brooklyn-bound: 2 lanes on the South Upper Roadway.

- **3:00pm – 9:30pm weekdays.**

One of three lanes closed on the Lower Roadway.

- Manhattan-bound: 2 lanes on the North Upper Roadway.
- Brooklyn-bound: 4 lanes.
 - 2 lanes on the South Upper Roadway.
 - 2 lanes on the Lower Roadway.

- **9:30pm – 6:00am weekdays & weekend 9:00pm Friday - 10:00am Monday**

One of three lanes closed on the Lower Roadway.

- Manhattan-bound: 4 lanes.
 - 2 lanes on the North Upper Roadway.
 - 2 lanes on the Lower Roadway.
- Brooklyn-bound: 2 lanes on the South Upper Roadway.

Manhattan Bridge Operation: February 1, 2014 To March 7, 2014

- **6:00am – 2:30pm weekdays.**

- Manhattan-bound: 5 lanes.
 - 2 lanes on the North Upper Roadway (no trucks 5–10 am, left lane reserved for buses and HOV 2+).
 - 3 lanes on the Lower Roadway.
- Brooklyn-bound: 2 lanes on the South Upper Roadway.

- **3:00pm – 9:30pm weekdays.**

- Manhattan-bound: 2 lanes on the North Upper Roadway.
- Brooklyn-bound: 5 lanes.
 - 2 lanes on the South Upper Roadway.
 - 3 lanes on the Lower Roadway.

- **9:30pm – 2:00pm weekdays.**

- Manhattan-bound: 5 lanes.
 - 2 lanes on the North Upper Roadway.
 - 3 lanes on the Lower Roadway.
- Brooklyn-bound: 2 lanes on the South Upper Roadway.

- **9:00pm Friday To 2:30pm Monday.**

- Manhattan-bound: 5 lanes.
 - 2 lanes on the North Upper Roadway.
 - 3 lanes on the Lower Roadway.
- Brooklyn-bound: 2 lanes on the South Upper Roadway.

Manhattan Bridge Operation: March 8, 2014 To December 31, 2014

- **6:00am – 3:30pm weekdays.**

- Manhattan-bound: 5 lanes.
 - 2 lanes on the North Upper Roadway (no trucks 5–10 am, left lane reserved for buses and HOV 2+).
 - 3 lanes on the Lower Roadway.
- Brooklyn-bound: 2 lanes on the South Upper Roadway.

- **4:00pm – 9:30pm weekdays.**

- Manhattan-bound: 2 lanes on the North Upper Roadway.
- Brooklyn-bound: 5 lanes.
 - 2 lanes on the South Upper Roadway.
 - 3 lanes on the Lower Roadway.

- **9:30pm – 2:00pm weekdays.**
 - Manhattan-bound: 5 lanes.
 - 2 lanes on the North Upper Roadway.
 - 3 lanes on the Lower Roadway.
 - Brooklyn-bound: 2 lanes on the South Upper Roadway.
- **9:00pm Friday To 3:30pm Monday.**
 - Manhattan-bound: 5 lanes.
 - 2 lanes on the North Upper Roadway.
 - 3 lanes on the Lower Roadway.
 - Brooklyn-bound: 2 lanes on the South Upper Roadway.

Note: 1 of 3 Lower Roadway lanes closed as follows:

09/13- 09/21:	10:00am – 2:00pm	Weekdays,
	12:01 am – 5:00am	Weeknights,
	7:00am – 10:00pm	Sat-Sun.
09/22- 11/28:	10:00am – 2:00pm	Weekdays,
	12:01 am – 5:00am	Weeknights,

Throughout 2014, there were additional closures of single lanes in each direction on the Manhattan Bridge during off-peak hours.

Williamsburg Bridge (East River between Brooklyn & Manhattan)

Throughout 2014 trucks were permitted only on the outer roadways.

Pedestrian and bicycle access was maintained on the bridge at all times throughout 2014.

Throughout 2014, there were closures of single lanes in each direction on the Williamsburg Bridge during off-peak hours.

Alexander Hamilton Bridge (Harlem River between Bronx & Manhattan)

Eastbound lane closures were in effect as follows:

All 2014:	11:00pm - 5:30am	Weeknights.	1 E/B lane closed as needed.
	12:01am-5:30am	Sat.	1 or 2 E/B lanes closed as needed.
	12:01am-6:00am	Sun.	1 or 2 E/B lanes closed as needed.

Westbound lane closures were in effect as follows:

All 2014:	11:00pm - 5:30am	Weeknights.	1 W/B lane closed as needed.
	12:01am-5:30am	Sat.	1 W/B lane closed as needed.
	1:00am-5:00am	Sat.	1 or 2 W/B lanes closed as needed.
	2:00am-5:30am	Sun.	1 or 2 W/B lanes closed as needed.

Broadway Bridge (Harlem River between Bronx & Manhattan)

Northbound lane closures were in effect as follows:

07/21-07/25: 8:00am - 3:00pm Mon-Thu. 1 N/B lane closed.

Southbound lane closures were in effect as follows:

07/25: 8:00am - 3:00pm Fri. 1 S/B lane closed.

Throughout 2014, there were additional closures of single lanes in each direction on the Broadway Bridge during off-peak hours.

3rd Avenue Bridge (Harlem River between Manhattan and Bronx)

The exit ramp to southbound FDR Drive was closed as follows:

01/21-01/23: 12:01am - 5:00am Ramp closed 1 night only.

02/17-01/20: 12:01am - 5:00am Ramp closed 1 night only.

Willis Avenue Bridge (Harlem River from Manhattan to Bronx)

The entire bridge was closed as follows:

01/07: 1:00am - 5:30am Tue.

01/21-01/25: 1:00am - 5:30am Tue-Fri,
2:00am - 6:00am Sat.

07/22-07/26: 1:00am - 5:30am Tue-Fri,
2:00am - 6:00am Sat.

Hamilton Avenue Bridge (Gowanus Canal, Brooklyn)

Throughout 2014, there were intermittent closures of single lanes in both directions as needed during off-peak hours.

Metropolitan Avenue Bridge (Over English Kills, Brooklyn)

This bridge was completely closed in both directions as follows:

10/28 - 11/01: 12:01am - 5:00am Tue-Fri,
1:00am - 6:00am Sat.

Mill Basin Bridge (Belt Parkway, Brooklyn)

Eastbound lane closures were in effect as follows:

All 2014: 12:01am - 5:00am Weekdays 1 of 3 E/B lanes closed as needed,
10:00pm - 5:00am Weekdays 1 of 3 E/B lanes closed as needed,
1:00am - 5:00am Weekdays 2 of 3 E/B lanes closed as needed,

09/15 - 09/26: 11:00pm - 5:00am Weeknights All 3 Eastbound lanes closed.

Westbound lane closures were in effect as follows:

All 2014:	10:00am – 2:00pm	Weekdays	1 of 3 W/B lanes closed as needed,
	10:00pm – 5:00am	Weekdays	1 of 3 W/B lanes closed as needed,
	1:00am – 5:00am	Weekdays	2 of 3 W/B lanes closed as needed.
10/06 – 10/24:	11:00pm – 5:00am	Weeknights	All 3 Westbound lanes closed.

Union Street Bridge (Brooklyn)

Eastbound lane closures were in effect as follows:

03/15 – 03/21:	7:00am – 2:00pm	Weekdays	1 of 2 E/B lanes closed.
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This bridge is one-way eastbound.

Henry Hudson Bridge

On Sunday, August 3, from 4:00 am to noon, all northbound lanes of the bridge were closed for the biking portion of the annual New York City Triathlon.

Throughout 2014, there were additional intermittent lane closures in both directions on the Henry Hudson Bridge during off-peak hours.

Hugh L. Carey Tunnel (formerly Brooklyn-Battery Tunnel)

Throughout 2014, the inbound exit to Trinity Place was closed weekdays between 6:00-10:00am, and between 3:00–7:00pm.

Throughout 2014, between 6:00am and 10:00am on weekdays, there were three lanes inbound and one lane outbound.

Due to a major electrical equipment modernization project, there were a series of overnight and weekend tube closures as follows.

02/21-02/24:	9:00pm Friday - 5:00am Monday	One tube closed.
04/25-04/28:	9:00pm Friday - 5:00am Monday	One tube closed.
05/16-05/19:	9:00pm Friday - 5:00am Monday	One tube closed.
06/09-06/09:	9:00pm Friday - 5:00am Monday	One tube closed.
06/27-06/30:	9:00pm Friday - 5:00am Monday	One tube closed.
08/08-08/10:	9:00pm Friday - 3:00pm Sunday	One tube closed.
<i>2-way traffic was maintained in the open tube during all of the above-described tube closures.</i>		

The following closures were in effect for the Annual Stephen Siller Tunnels to Towers Run.

09/27-09/28:	10:00pm Saturday - 8:00am Sunday	One tube closed.
	<i>2-way traffic was maintained in the open tube during this time.</i>	
09/28:	8:00am – 3:00pm	Sunday Both tubes closed.

Throughout 2014, there were additional intermittent closures of single lanes in the Hugh L. Carey Tunnel during off-peak hours.

Robert F. Kennedy Bridge (formerly Triborough Bridge)

At the Harlem River Lift Span, closures were in effect as follows.

01/10:	12:01am – 5:00am	Fri.
<i>All lanes closed in both directions for 15-20 minutes at a time.</i>		
03/14:	12:01am – 5:00am	Fri.
<i>All lanes closed in both directions for 15-20 minutes at a time.</i>		
03/21:	12:01am – 5:00am	Fri.
<i>All lanes closed in both directions for 15-20 minutes at a time.</i>		
04/28:	Approximately 7:00pm	Mon.
<i>All lanes closed in both directions for 15-20 minutes to allow for marine traffic.</i>		
06/06:	12:01am – 5:00am	Fri.
<i>All lanes closed in both directions for 15-20 minutes at a time.</i>		
06/27:	12:01am – 5:00am	Fri.
<i>All lanes closed in both directions for 15-20 minutes at a time.</i>		
08/08:	12:01am – 5:00am	Fri.
<i>All lanes closed in both directions for 15-20 minutes at a time.</i>		
09/05:	12:01am – 5:00am	Fri.
<i>All lanes closed in both directions for 15-20 minutes at a time.</i>		
10/10:	12:01am – 5:00am	Fri.
<i>All lanes closed in both directions for 15-20 minutes at a time.</i>		
10/31:	12:01am – 5:00am	Fri.
<i>All lanes closed in both directions for 15-20 minutes at a time.</i>		
11/25:	Approximately 4:30pm	Tue.
<i>All lanes closed in both directions for 15-20 minutes to allow for marine traffic.</i>		

The ramp leading from Manhattan to Queens was closed as follows:

02/24-03/07:	9:00pm – 5:00am	Nightly.
<i>Closures lasting approximately 5-10 minutes at a time.</i>		
03/20-04/04:	9:00pm – 5:00am	Nightly.
<i>Closures lasting approximately 5-10 minutes at a time.</i>		

The ramp leading onto Randall's Island from the Manhattan Plaza was closed as follows:

06/16-07/11:	Round-the-clock	All days.
<i>This ramp became an exit-only ramp during this time. Cars and buses heading to the island from Manhattan were detoured onto the Randall's Island/Ward's Island ramp,</i>		

about a quarter mile past the Manhattan toll plaza heading to Queens. This ramp put motorists on the Ward's side of the island.

Throughout 2014, there were also intermittent closures of single lanes on the Robert F. Kennedy Bridge during off-peak hours.

Bronx-Whitestone Bridge

As of February 20, a new traffic pattern went into effect at the Queens approach roadway, whereby traffic was shifted around the work zone on the far left lane southbound. This configuration provided three Bronx-bound lanes from 6am to 9pm and three Queens-bound lanes from 3pm to 7pm and on weekends.

Southbound lane closures were in effect as follows:

05/12–05/16:	11:00pm - 5:00am.	<i>2 S/B lanes closed overnight.</i>
06/02–06/04:	11:00pm - 5:00am.	<i>2 S/B lanes closed overnight.</i>
12/15–12/16:	10:00pm Mon - 5:00am Tue.	<i>2 S/B lanes closed.</i>
12/16–12/17:	10:00pm Tue - 5:00am Wed.	<i>2 S/B lanes closed.</i>

Northbound lane closures were in effect as follows:

09/05–09/06:	11:00pm Fri - 8:00am Sat.	<i>2 N/B lanes closed.</i>
12/15–12/16:	10:00pm Mon - 5:00am Tue.	<i>2 N/B lanes closed.</i>
12/16–12/17:	10:00pm Tue - 5:00am Wed.	<i>2 N/B lanes closed.</i>

Throgs Neck Bridge

Southbound (Queens-bound) closures were in effect as follows.

06/04–06/12:	10:00pm – 5:00am.	<i>2 S/B lanes closed.</i>
06/20–08/11:	10:00pm Friday – 5:00am Monday	<i>2 S/B lanes closed.</i>
08/22–08/25:	10:00pm Friday – 5:00am Monday	<i>2 S/B lanes open during the day, 1 S/B lane open overnight.</i>
09/19–09/22:	10:00pm Friday – 5:00am Monday	<i>2 S/B lanes open during the day, 1 S/B lane open overnight.</i>
10/24–10/27:	10:00pm Friday – 5:00am Monday	<i>2 S/B lanes open during the day, 1 S/B lane open overnight.</i>

Throughout 2014, there were additional intermittent closures of single lanes on the Throgs Neck Bridge during off-peak hours.

Verrazano-Narrows Bridge

Throughout 2014, trucks were required to use the upper level.

Lower Level closures were in effect as follows.

05/04: 12:01am – 6:00pm Sun.
Lower Level closed in both directions for 5 Boro Bike Tour.

Upper Level closures were in effect as follows.

06/23 - 06/28:	9:00pm - 5:00am	Mon - Fri.	All 3 E/B Upper lanes closed,
	12:01am - 7:00am	Sat.	1 E/B Upper lane closed,
	12:01am - 7:00am	Tue.	1 W/B Upper lane closed,
	10:00pm – 6:00am.	Nightly	All 3 W/B Upper lanes closed,
	12:01am - 8:00am	Sat.	All 3 W/B Upper lanes closed.
06/30 - 07/02:	9:00pm - 6:00am	Mon - Tue.	All 3 W/B Upper lanes closed,
	9:00pm - 5:00am	Mon - Tue.	1 E/B Upper lane closed,
	9:00pm - 6:00am	Tue - Wed	All 3 W/B Upper lanes closed,
	9:00pm – 5:00am.	Tue – Wed.	All 3 E/B Upper lanes closed.
08/04 - 08/20:	9:00pm - 6:00am	All Days.	All E/B & W/B Upper lanes closed,

On Sunday, November 2, the entire bridge was closed to accommodate the New York City Marathon between 7:00 am and 3:00 pm. In addition, as of 11:00 pm on Saturday, November 1, the Upper Level was closed in both directions to allow for roadway preparation in advance of the race.

Throughout 2014, there were additional intermittent closures of single lanes in both directions on the Verrazano-Narrows Bridge roadways during off-peak hours.

George Washington Bridge (Hudson River between Manhattan & New Jersey)

On Sunday, June 8, 2014, the lower level was closed from midnight to 10 am for the 27th annual American Cancer Society fundraiser, known as the “GWB Challenge.”

From June 16 to September 15, three Upper Level lanes were closed overnight from 9 pm to 5 am Monday through Thursday and from 10pm to 10am Friday and Saturday for deck rehabilitation work. Work alternated between the eastbound and westbound directions.

On the morning of July 22, two of four upper level eastbound lanes were closed for emergency repairs until approximately 3 pm.

Throughout 2014, there were additional intermittent closures of single lanes during off-peak hours to facilitate PANYNJ maintenance work.

Holland Tunnel (Hudson River between Manhattan & New Jersey)

On Sunday, October 26, 2014, from Midnight to 6:00am, the tunnel was closed westbound for an emergency response drill.

Throughout 2014, there were intermittent closures of single lanes during off-peak hours to facilitate PANYNJ maintenance work.

Lincoln Tunnel (Hudson River between Manhattan & New Jersey)

Beginning April 22, the westbound helix was closed overnight for rehabilitation. Westbound traffic was diverted to the eastbound helix lanes and eastbound traffic exited at Pleasant Avenue and used local streets to access the tunnel via JFK Boulevard East. The closure schedule was as follows:

04/22-12/31: Sunday through Thursday 11 pm to 5 am the next morning,
Saturday 12:01 am to 8:00 am,
Sunday 1:00 am to 9:00 am.

On Sunday, April 27th, the south tube was closed for the 28th Annual Lincoln Tunnel Challenge to benefit Special Olympics New Jersey.

Throughout 2014, there were intermittent lane closures during off-peak hours to facilitate PANYNJ maintenance work.

Bayonne Bridge (Kill Van Kull between Staten Island & New Jersey)

Throughout 2014, over-sized vehicles were not permitted on the Bayonne Bridge.

Throughout 2014, one of two lanes in each direction was closed round-the-clock.

The entire Bayonne Bridge was fully closed in both directions as follows:

01/08-12/31: 9:00pm – 5:00am Mon-Thu, *Bridge fully closed in both*
Midnight Fri – 8:00am Sat. *directions.*

04/12-04/13: 11:59pm Sat – 8:00am Sun. *Bridge fully closed in both directions.*

05/16-05/19: 9:00pm Fri – 5:00am Mon. *Bridge fully closed in both directions.*

08/01-08/17: 11:59pm Fri – 4:00pm Sun. *Bridge fully closed in both directions.*

09/12-09/29: 9:00pm Fri – 5:00am Mon. *Bridge fully closed in both directions.*

11/19-11/21: 9:00am - 3:00pm Wed-Fri.
Bridge fully closed in both directions for a maximum of 20 minutes at the beginning of each hour.

Goethals Bridge (Arthur Kill between Staten Island & New Jersey)

Throughout 2014, there were intermittent closures of one of the two lanes in either or both directions weeknights between 9:00pm and 5:00am.

Outerbridge Crossing (Arthur Kill between Staten Island & New Jersey)

The high-speed EZ Pass lanes were closed for repaving as follows:

10/05-10/23 11:00pm Sunday to 3:00pm Thursday.

Throughout 2014, there were intermittent closures of one of the two lanes in either or both directions weeknights between 9:00pm and 5:00am.