

TRAVEL PATTERNS

**in the
New York Metropolitan Area**

FOURTH QUARTER (Q4) - 2016

AVERAGE WEEKDAY BUS & RAIL TRIPS - FOURTH QUARTER 2016

Monthly Comparison Q4-2015 vs. Q4-2016

Bus and Rail RIDERSHIP	Oct-16	Nov-16	Dec-16	Average Q4 2016	Q4 2015 / Q4 2016 % change
NEW YORK TRANSIT RAIL SYSTEM					
MTA/NYC Transit Subway	5,759,591	5,746,772	5,642,250	5,716,204	-1.3
MTA/Staten Island Railway	17,330	17,059	13,270	15,886	-8.1
MTA/Metro-North Railroad (1) , (2)	298,985	302,975	294,928	298,963	0.1
MTA/Long Island Rail Road	315,279	323,360	318,908	319,182	2.0
MTA (2) RAIL Total	6,391,185	6,390,166	6,269,356	6,350,236	-1.1
NEW YORK CITY BUSES					
MTA/NYC Transit Bus	2,073,830	2,046,680	1,948,673	2,023,061	-4.5
MTA Bus Company (formerly private buses)	418,098	412,102	393,484	407,895	-2.0
Academy Bus (Note 3)	2,232	2,255	n/a	2,243	-5.2
Total NYC Buses	2,494,160	2,461,037	2,342,157	2,433,199	-4.0
PORT AUTHORITY TRANS-HUDSON RAIL					
PATH-New York Stations	122,035	123,269	114,856	120,053	3.6
PATH-New Jersey Stations	154,381	154,204	144,092	150,892	2.2
PATH Total	276,416	277,473	258,948	270,946	2.8
NEW JERSEY TRANSIT RAIL SYSTEM (3)					
New Jersey Transit Rail	(3)	(3)	(3)	322,800	-1.8
Newark Light Rail (4)	(3)	(3)	(3)	20,450	2.0
New Jersey Transit HBLR (5)	(3)	(3)	(3)	51,850	0.1
River Line	(3)	(3)	(3)	8,350	-5.6
NJ Rail Total				403,450	-1.5
AIRPORT RAIL ACCESS					
Newark AirTrain (6)	7,092	7,316	8,180	7,529	-4.7
JFK AirTrain (6)	20,336	20,156	19,807	20,100	2.6
Total Airport Rail Access	27,429	27,472	27,986	27,629	0.5
SUBURBAN BUSES					
New Jersey Transit Bus	(3)	(3)	(3)	523,300	-4.2
Nassau Inter-County Express (NICE) (Note 1)	93,836	90,455	86,216	90,169	-2.4
Westchester County Bee-Line Bus	105,434	103,886	101,976	103,765	-2.3
Orange County Buses (7)	(3)	(3)	(3)	4,119	-2.6
Putnam County Buses (6)	381	371	346	366	-1.2
Rockland County Buses (7; Note 2)	(3)	(3)	(3)	18,444	-2.2
Dutchess County Buses	1,876	1,751	1,642	1,756	2.5
City of Long Beach	1,195	1,205	1,185	1,195	-1.8
Suffolk County Buses (6), (8)	22,572	21,583	18,740	20,965	-11.2
Total Suburb Buses				764,080	-3.9
Grand Total				10,249,539	-1.9

(1) MTA/M-N Railroad ridership covers MTA trains leaving from GCT (Grand Central Terminal) and Penn Station (West of Hudson trains).

(2) MTA - Metropolitan Transportation Authority

(3) Only quarterly data available.

(4) Newark Light Rail data was formerly added to Hudson Bergen Light Rail (HBRL) System

(5) Hudson Bergen Light Rail System

(6) Monthly average ridership data include weekends.

(7) Local and Express buses

(8) Suffolk Cty includes local and pass-through buses, HART - Huntington Area Rapid Transit

Note 1: As of December 31, 2011 Nassau County transferred MTA LI Bus operation to a private entity - Nassau Inter-County Express (NICE).

Note 2: Orange-Westchester Link (through buses) ridership in Rockland County include both private and County buses

Note 3: Since Jan. 2014, Academy operates the X23 and X24 routes between Manhattan and Staten Island, formerly operated by Atlantic Express.

Sources: Port Authority of New York & New Jersey, MTA, New Jersey Transit Co, NYS DOT, NYCDOT, Westchester DOT,

other NY counties bus operators

n/a - data not available

MAJOR VEHICULAR RIVER CROSSINGS TRAFFIC - FOURTH QUARTER 2016

Monthly Average Weekday Traffic Q4-2015 vs. Q4-2016

					Average	Qtr-to-Qtr
Vehicle River Crossings	Agency	Oct-16	Nov-16	Dec-16	Q4 2016	% change since 2015
EAST RIVER/LONG ISLAND SOUND CROSSINGS						
Ed Koch Queensborough Bridge (10)	NYC DOT	(1)	(1)	(1)	170,277	-2.4
Williamsburg Bridge	NYC DOT	(1)	(1)	(1)	105,645	0.4
Manhattan Bridge	NYC DOT	(1)	(1)	(1)	85,084	-2.3
Brooklyn Bridge	NYC DOT	(1)	(1)	(1)	105,679	3.4
Queens Midtown Tunnel	MTA B&T (2)	73,248	72,253	71,127	72,209	-13.4
Hugh L. Carey Tunnel (11)	MTA B&T	52,597	53,162	52,960	52,906	-2.0
RFK Bridge-Bronx Plaza (3)	MTA B&T	83,632	83,952	83,968	83,851	1.8
RFK Bridge-Manhattan Plaza (3)	MTA B&T	96,364	93,912	93,630	94,635	-0.2
Bronx Whitestone Bridge	MTA B&T	126,675	125,418	124,004	125,366	5.0
Throgs Neck Bridge	MTA B&T	119,799	118,549	118,205	118,851	1.5
Total (4)		552,315	547,246	543,894	1,014,503	-0.5
HUDSON RIVER CROSSINGS						
George Washington Bridge	PANY&NJ (5)	282,779	279,724	282,748	281,750	1.3
Lincoln Tunnel	PANY&NJ	105,159	105,129	108,346	106,211	-0.5
Holland Tunnel	PANY&NJ	83,233	84,055	86,239	84,509	-0.6
Tappan Zee Bridge (7)	NYS TA (6)	149,874	148,829	140,945	146,549	3
Bear Mountain Bridge	NYS BA (8)	23,617	23,017	21,691	22,775	0.2
Total		644,662	640,754	639,969	641,795	1.2
ARTHUR KILL CROSSINGS						
Bayonne Bridge (Note 1)	PANY&NJ (5)	10,723	11,271	11,998	11,331	-6.5
Goethals Bridge	PANY&NJ	83,375	84,440	86,533	84,783	1.8
Outerbridge Crossing	PANY&NJ	82,015	81,565	84,271	82,617	4.8
Total		176,112	177,277	182,803	178,731	2.6
HARLEM RIVER CROSSINGS						
Henry Hudson Bridge	MTA B&T (2)	73,068	72,576	70,483	72,042	4.2
SOUTH SHORE/JAMAICA BAY CROSSINGS						
Marine Parkway Bridge	MTA B&T (2)	21,289	22,229	21,764	21,761	-1.2
Cross Bay Bridge	MTA B&T	24,021	23,066	23,190	23,426	3.3
Atlantic Beach Bridge (7)	NCBA (9)	14,489	14,955	14,062	14,502	1.2
Total		59,799	60,250	59,016	59,689	1.1
NEW YORK BAY CROSSINGS						
Verrazano-Narrows Bridge	MTA B&T (2)	196,136	196,498	198,896	197,177	4.5
GRAND TOTAL (4)		1,702,092	1,694,601	1,695,061	2,163,936	0.9

(1) NYC DOT - New York City Department of Transportation (Only 4th Qtr East River bridges data for each year is available).

(2) MTA B&T- Metropolitan Transportation Authority, Bridges and Tunnels

(3) The **Triborough Bridge**, renamed to the **Robert F. Kennedy Bridge** in 2008, and sometimes referred to as the **RFK Triborough Bridge**

(4) Monthly totals exclude NYCDOT East River bridges

(5) Port Authority of New York & New Jersey

(6) New York State Thruway Authority

(7) Monthly average traffic data include weekends.

(8) New York State Bridge Authority

(9) Nassau County Bridge Authority

(10) The **Queensboro Bridge** was renamed to the **Ed Koch Queensboro Bridge**, in 2011

(11) The **Brooklyn-Battery Tunnel** was renamed to the **Hugh L. Carey Tunnel**, in 2012

Note 1: Traffic has significantly decreased since 2014, due to recurring closures of the Bayonne Bridge (BB) as part of the BB "Raise the Roadway" project.

AVERAGE WEEKDAY FERRY RIDERSHIP - FOURTH QUARTER 2016

Monthly Comparison Q4-2015 vs. Q4-2016

Ferry Ridership	Oct-16	Nov-16	Dec-16	Average Q4 2016	Q4 2015 / Q4 2016 % change
Billybey Ferry					
Hoboken South					
Hoboken - Pier 11	1,821	2,043	1,850	1,905	-26.1
Hoboken - WFC	1,791	1,926	1,768	1,828	-6.5
Total	3,612	3,969	3,618	3,733	-17.6
Jersey City					
Paulus Hook - Pier 79 (West 39th St.)	618	518	459	532	7.7
Paulus Hook - WFC	3,578	3,119	3,483	3,393	11.7
Paulus Hook - Pier 11	1,378	1,300	1,080	1,252	-14.8
Liberty Harbor - Pier 11	605	528	446	526	-8.1
Port Liberte - Pier 11	407	365	331	368	11.2
East River	5,487	4,100	3,071	4,219	14.9
Total	12,073	9,929	8,869	10,290	7.5
Billybey Total	15,685	13,898	12,487	14,023	-0.6
NY Waterway					
Weehawken/Hoboken North					
Weehawken - Pier 79 (West 39th St.)	6,141	5,633	7,495	6,423	9.4
Weehawken - Hoboken North - WFC	1,036	936	895	956	5.8
Hoboken North - Pier 79 (West 39th St.)	2,298	1,980	2,087	2,122	-1.1
Weehawken - Pier 11	1,170	1,032	945	1,049	11.2
Lincoln Harbor - Pier 79 (West 39th St.)	1,704	1,477	1,555	1,579	-4.4
Edgewater - Pier 79 (West 39th St.)	996	921	887	935	9.9
Total	13,345	11,979	13,864	13,063	5.7
Belford / Haverstraw / Newburgh					
Belford - Pier 11	2,097	1,956	1,857	1,970	1.2
Haverstraw - Ossining	572	467	441	493	-5.4
Newburgh - Beacon	308	239	206	251	8.8
Total	2,977	2,662	2,504	2,714	0.6
NY Waterway Total	16,322	14,641	16,368	15,777	4.7
Seastreak					
Atlantic Highlands-Pier 11, E34th St.	2,047	2,028	1,948	2,007	10.9
Highlands-Pier 11, E34th St.	1,618	1,577	1,403	1,533	12.0
Atlantic Highlands - Paulus Hook - Hoboken	156	154	135	148	23.0
Total Seastreak	3,821	3,759	3,486	3,689	11.8
New York Water Taxi					
Ikea Terminal (Red Hook, Brooklyn) - Pier 11	347	201	180	243	5.0
Hop-on/Hop-off Ferry Service	1,196	575	556	776	-11.5
Total NYWater Taxi	1,543	777	736	1,019	-8.1
Liberty Park Water Taxi					
Liberty Landing - BPC	823	699	721	748	45.6
Total Liberty Park Water Taxi	823	699	721	748	45.6
Long Island Ferries					
Bridgeport-Port Jefferson Steamboat Co.	n/a	n/a	n/a	n/a	n/a
Total Average Weekday Private Ferries	38,194	33,773	33,799	35,255	3.4
Staten Island Ferry	75,623	69,065	68,552	71,080	6.6
TOTAL	113,817	102,838	102,351	106,335	5.5

n/a - data not available

Sources: NYC DOT, PANY&NJ,