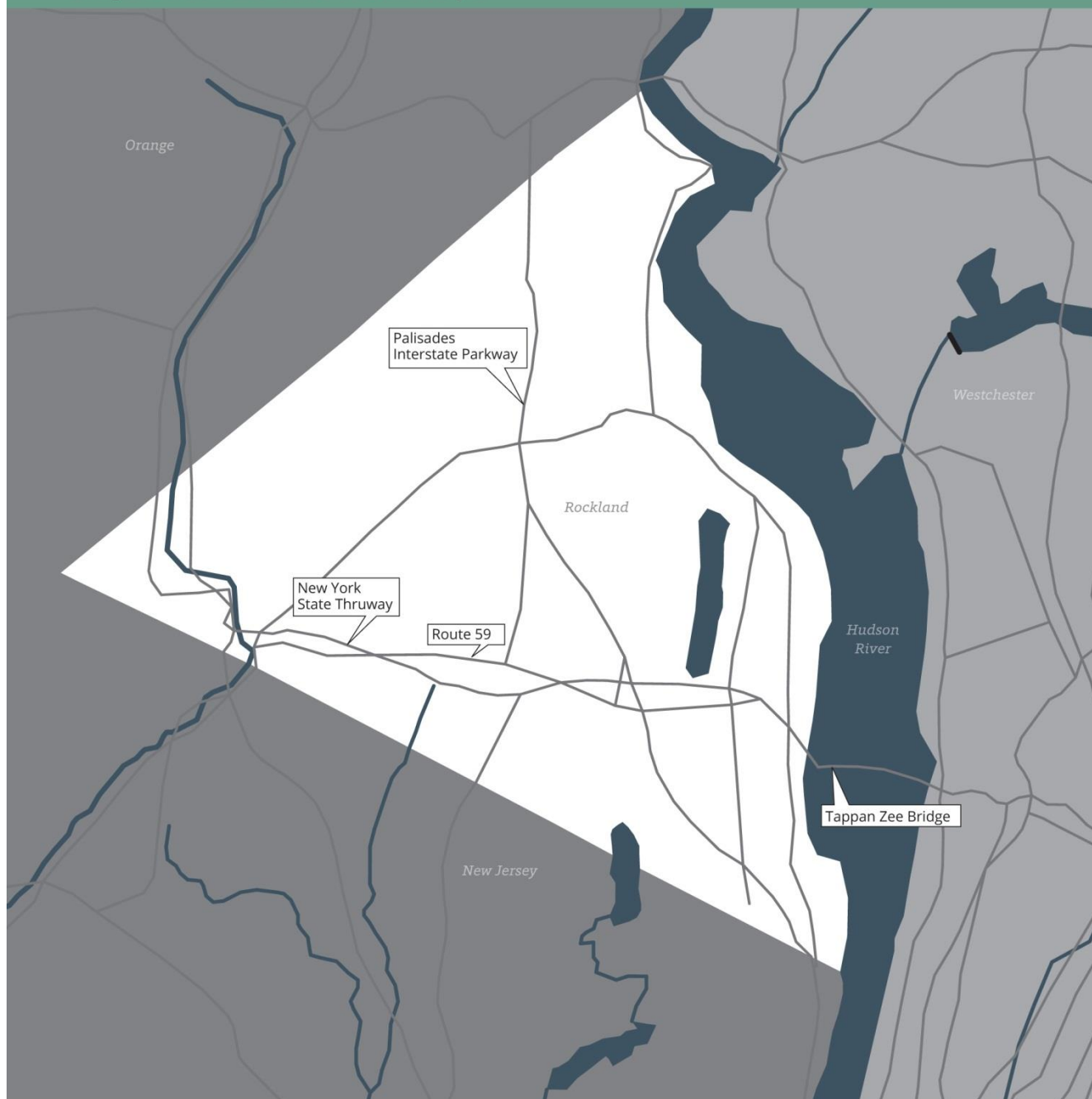


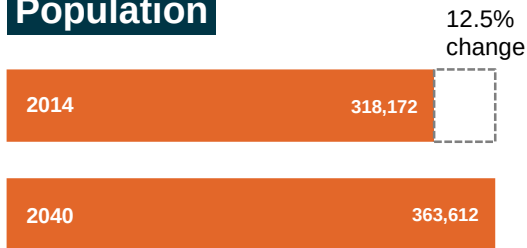
6.7 Rockland

Major Portals and Roadways

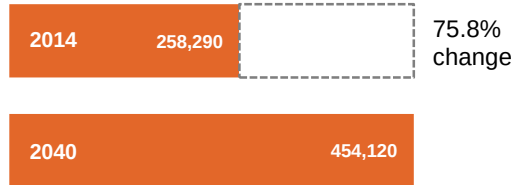


Population and Travel Characteristics

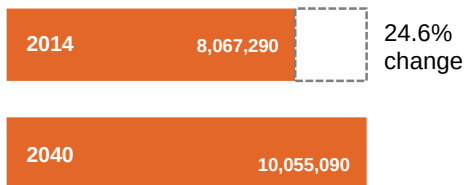
Population



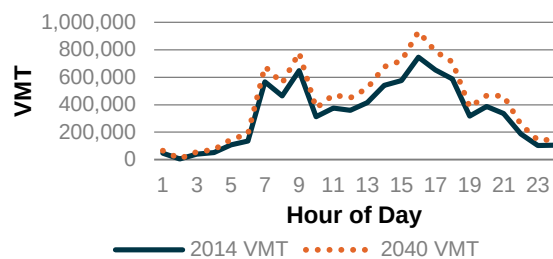
VHD Daily Totals



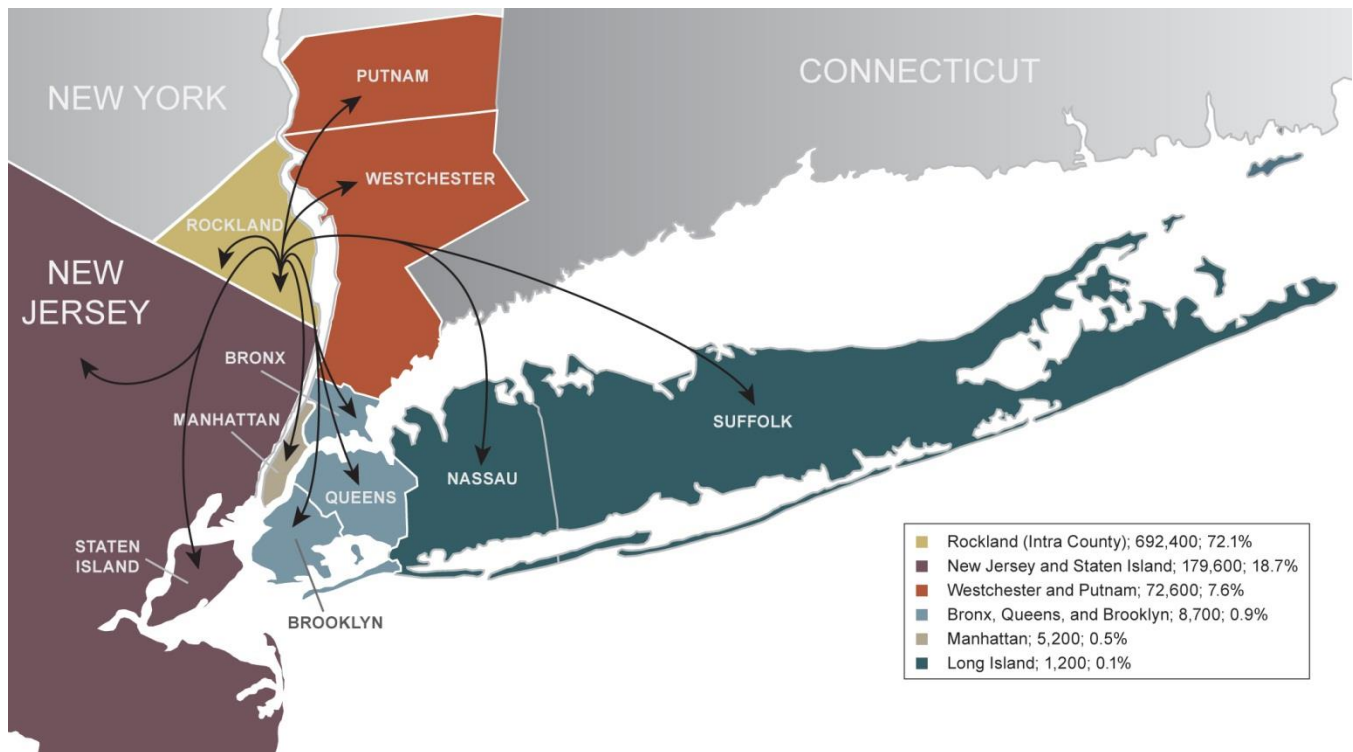
VMT Daily Totals



Rockland 24-hour VMT



Two-Way Trips between The Bronx and Other Counties in the New York Metro Area



New York Metropolitan Transportation Council

Performance Measures County: Rockland

Scenario 2014

Facility Type	D/C	0.8<= D/C<=1	D/C>1	LMC	TTI	ATS	VHD	PHD	VMT
AM Period (6 to 10 AM)									
Freeway	0.50	7%	8%	67.0	1.21	44.8	2,573	3,705	934,089
Arterial	0.25	1%	1%	14.2	1.11	23.4	5,754	8,285	659,157
Local	0.20	0%	2%	3.3	1.24	22.1	40,758	58,692	397,200
PM Period (4 to 8 PM)									
Freeway	0.14	1%	1%	8.1	1.04	49.3	512	737	495,404
Arterial	0.08	0%	0%	7.0	1.04	26.4	2,060	2,967	387,404
Local	0.06	0%	0%	1.4	1.04	23.8	4,543	6,543	236,909
Daily Total									
Freeway	0.33	4%	4%	165.2	1.11	47.0	6,547	9,427	3,532,455
Arterial	0.18	1%	1%	81.6	1.09	24.6	25,845	37,217	2,776,494
Local	0.15	0%	2%	14.2	1.21	22.7	225,897	325,291	1,758,343
Total							258,288	371,935	8,067,292

Scenario 2040

Facility Type	D/C	0.8<= D/C<=1	D/C>1	LMC	TTI	ATS	VHD	PHD	VMT
AM Period (6 to 10 AM)									
Freeway	0.60	14%	12%	160.9	1.32	42.8	6,275	9,036	1,144,913
Arterial	0.29	2%	2%	30.9	1.13	23.5	7,659	11,029	788,406
Local	0.23	0%	3%	3.3	1.42	21.0	91,445	131,680	456,258
PM Period (4 to 8 PM)									
Freeway	0.21	1%	2%	55.9	1.07	48.4	1,895	2,729	824,686
Arterial	0.09	0%	0%	10.6	1.04	26.6	2,663	3,835	453,152
Local	0.07	0%	0%	1.4	1.05	22.8	8,163	11,754	268,340
Daily Total									
Freeway	0.43	7%	7%	495.9	1.19	45.5	17,818	25,659	4,757,855
Arterial	0.21	2%	1%	143.6	1.10	24.7	33,625	48,421	3,268,144
Local	0.18	0%	2%	14.2	1.31	21.7	402,675	579,852	2,029,094
Total							454,119	653,931	10,055,092

D/C = Demand to Capacity; LMC = Lane Miles of Congestion; TTI = Travel Time Index; ATS = Average Travel Speed; VHD = Vehicle Hours of Delay; PHD = Person Hours of Delay; VMT = Vehicle Miles Traveled

Note: D/C = average Demand to Capacity for the particular facility type and period. The "0.8<=DC<=1" and "D/C>1" are the percent of travel that occurs in various conditions (somewhat congested and very congested).

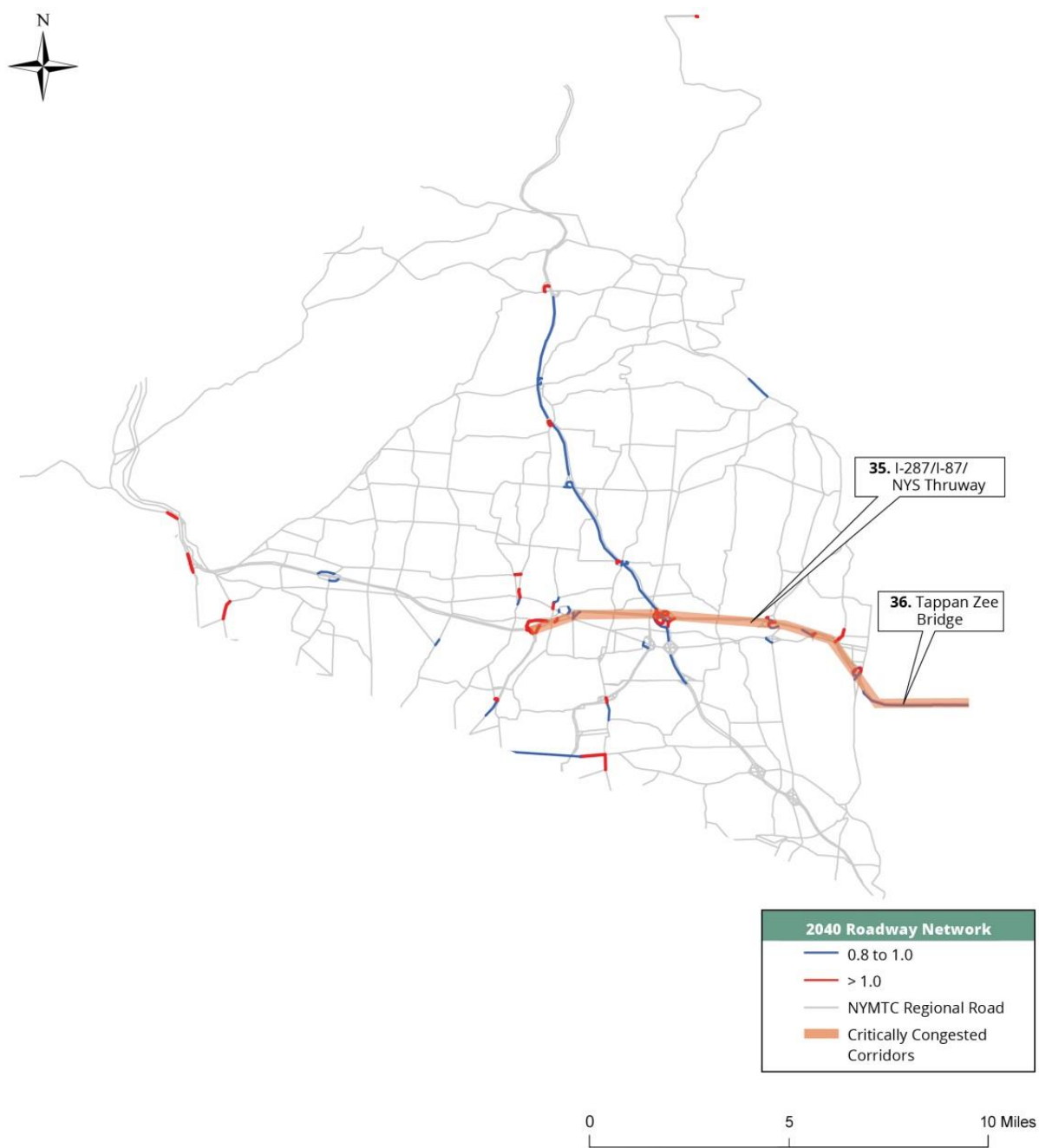
Percentage Difference Between 2040 and 2014 Performance Measures

Facility Type	D/C	0.8<= D/C<=1	D/C>1	LMC	TTI	ATS	VHD	PHD	VMT
AM Period (6 to 10 AM)									
Freeway	20%	–	–	140%	9%	-4%	144%	144%	23%
Arterial	16%	–	–	118%	2%	1%	33%	33%	20%
Local	15%	–	–	0%	15%	-5%	124%	124%	15%
PM Period (4 to 8 PM)									
Freeway	50%	–	–	592%	3%	-2%	270%	270%	66%
Arterial	13%	–	–	51%	0%	1%	29%	29%	17%
Local	17%	–	–	0%	1%	-4%	80%	80%	13%
Daily Total									
Freeway	30%	–	–	200%	7%	-3%	172%	172%	35%
Arterial	17%	–	–	76%	1%	1%	30%	30%	18%
Local	20%	–	–	0%	8%	-4%	78%	78%	15%
Total							76%	76%	25%

Rockland – Congested Corridors

35. **I-287/I-87/NYS Thruway from the Garden State Parkway to the Tappan Zee Bridge** – I-287/I-87 is the only east-west limited-access highway in Rockland County. The subject section of this highway experiences heavy congestion during peak commuting periods and summer weekends due to insufficient mainline capacity, heavy merging and weaving, and steep grades. The eastbound direction is heaviest in morning peaks and on summer Sundays. The westbound direction is heaviest in evening peaks.
36. **Tappan Zee Bridge (TZB)** – The only relatively high-capacity crossing of the Hudson River in the northern part of the New York City region, this Bridge experiences heavy congestion during peak commuting periods and summer weekends due to insufficient mainline capacity and toll plaza area issues. The eastbound direction is heaviest in morning peaks and on summer Sundays. The westbound direction is heaviest in evening peaks. Construction of a replacement for the TZB is expected to start in early 2013, take five years, and cost about \$4 billion. Congestion may not ease substantially, however, as there will still be four travel lanes in the peak direction in peak traffic periods.

Rockland: Congested Corridors and Hot Spot Areas (AM Period)



Rockland: Congested Corridors and Hot Spot Areas (PM Period)

