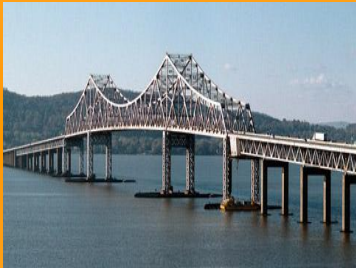
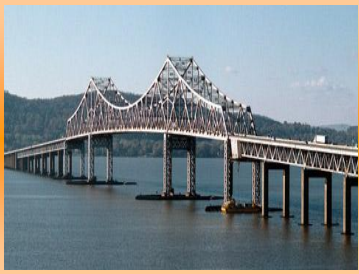


TRANSPORTATION IN THE VALLEY

Hudson Valley Regional Economic Summit



Jonathan Drapkin
President & CEO
PATTERN FOR PROGRESS

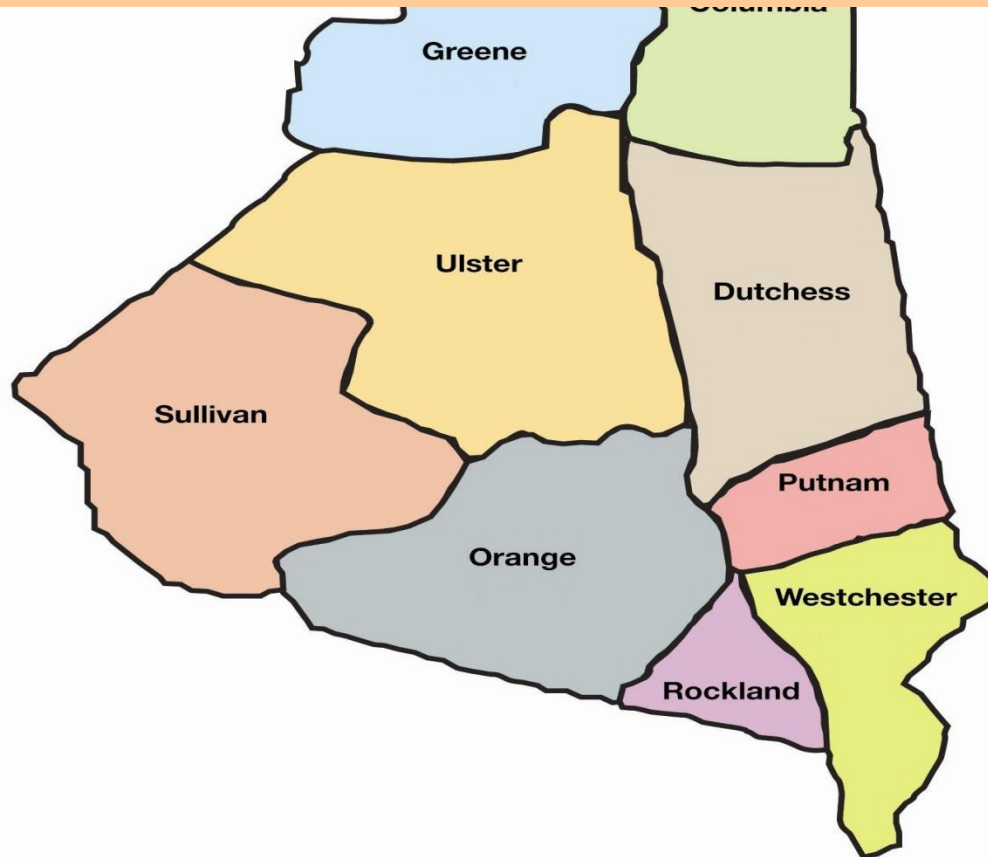


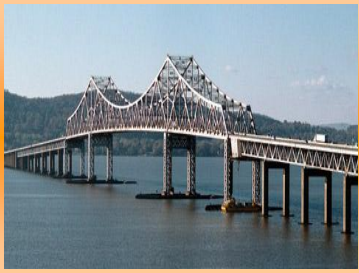
INTRODUCTION: An Airport and a Bridge





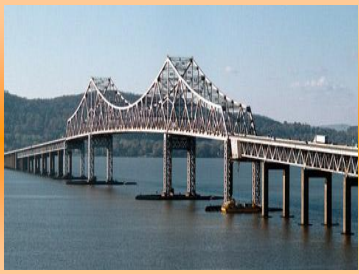
HOW DO WE DEFINE THE REGION





The Region's Transportation Agencies - A Seamless Web?

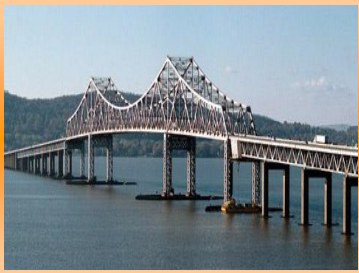
- New York State Department of Transportation-Regions 8, 9, 1
- Metropolitan Transportation Authority/Metro-North
- The NYS Thruway Authority
- The Port Authority of NY and NJ
- The NYS Bridge Authority
- NJ Transit
- New York Metropolitan Transportation Council-Westchester, Rockland and Putnam
- Metropolitan Planning Councils: Orange/Ulster/Poughkeepsie-Dutchess
- Private Bus and Ferry Operators
- County Planning Commissioners and other County Agencies
- City, Town & Village Highway Departments
- Advocacy Groups: Orange County Citizen's Foundation, The Business Council of Westchester, Tri-State Transportation Campaign
- Study Groups: The Tappan Zee Bridge Task Force
- Planning organizations: Regional Planning Association
- Plus MANY more



"A Snapshot - Road Maintenance"

- National Highways - our Interstate System
- New York State DOT and the Thruway Authority
- County Department of Public Works
- City, Towns and Villages
- Hamlets
- Private Roads





...and Who Maintains It?

Miles of Road by Ownership						
County	State	Town, Village, City	County	NYS DOT	Other	Total
Dutchess	335	1,614	393	371	41	2,419
Orange	441	1,752	316	399	68	2,534
Putnam	120	577	118	134	0	828
Rockland	118	833	169	98	79	1,179
Sullivan	257	1,458	387	202	5	2,052
Ulster	391	1,543	425	283	50	2,301
Westchester	413	2,726	171	452	46	3,394



Planning For the Future - \$\$\$

MTA's 10 year, \$29B Capital Plan:

Need \$10B in Financing

DOT's 20 year, \$175B Needs Assessment:

Need \$75 to \$100B

TZB Alone: \$3 to \$14B

NYS Thruway Authority Multi-year Capital Program:

\$2.1B

"Access to Region's Core" (ARC) in NJ:

\$7.6B

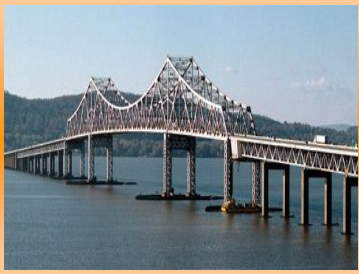
**National needs per National Surface Transportation
Policy & Revenue Study Commission:**

\$225B *annually*



POPULATION & PROJECTED GROWTH



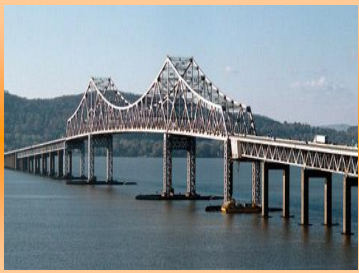


POPULATION PROJECTIONS

County	2000	2005	2010	2015	2020	2025	2030
Columbia	63,094	62,404	61,254	59,802	58,034	55,872	53,329
Dutchess	280,150	287,339	293,520	299,468	304,815	309,007	311,809
Greene	48,195	49,596	50,806	51,846	52,675	53,197	53,377
Orange	341,367	355,711	370,521	386,015	401,414	415,973	429,580
Putnam	95,745	100,025	103,786	107,436	110,891	113,917	116,428
Rockland	286,753	290,580	291,706	291,618	290,732	288,593	284,768
Sullivan	73,966	76,688	79,522	82,524	85,512	88,362	91,092
Ulster	177,749	183,976	190,389	197,153	203,871	210,096	215,719
Westchester	923,459	927,263	926,798	925,714	924,149	919,864	911,278

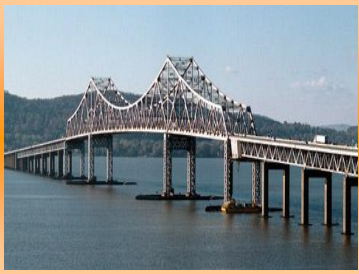
Cornell University, Cornell Institute for Social & Economic Research

NY Statistical Information System Data (2002)



County	Population (2006)	% Population Change April 2000-July 2006	Ranked Growth Rate NYS (out of 62) 2000 – 2006	Land Area- Sq. miles
Columbia	62,955	0.22 ▼	#35	635
Dutchess	295,146	5.35 ▲	#4	801
Greene	49,822	3.38 ▲	#14	647
Orange	376,392	10.26 ▲	#1	816
Putnam	100,603	5.07 ▲	#5	231
Rockland	294,965	2.86 ▲	#15	174
Sullivan	76,588	3.54 ▲	#13	969
Ulster	182,742	2.81 ▲	#16	1126
Westchester	949,355	2.80 ▲	#16	432

**Source: United States Bureau of the Census.



Economic Development Regions — Hudson Valley Leads the Way

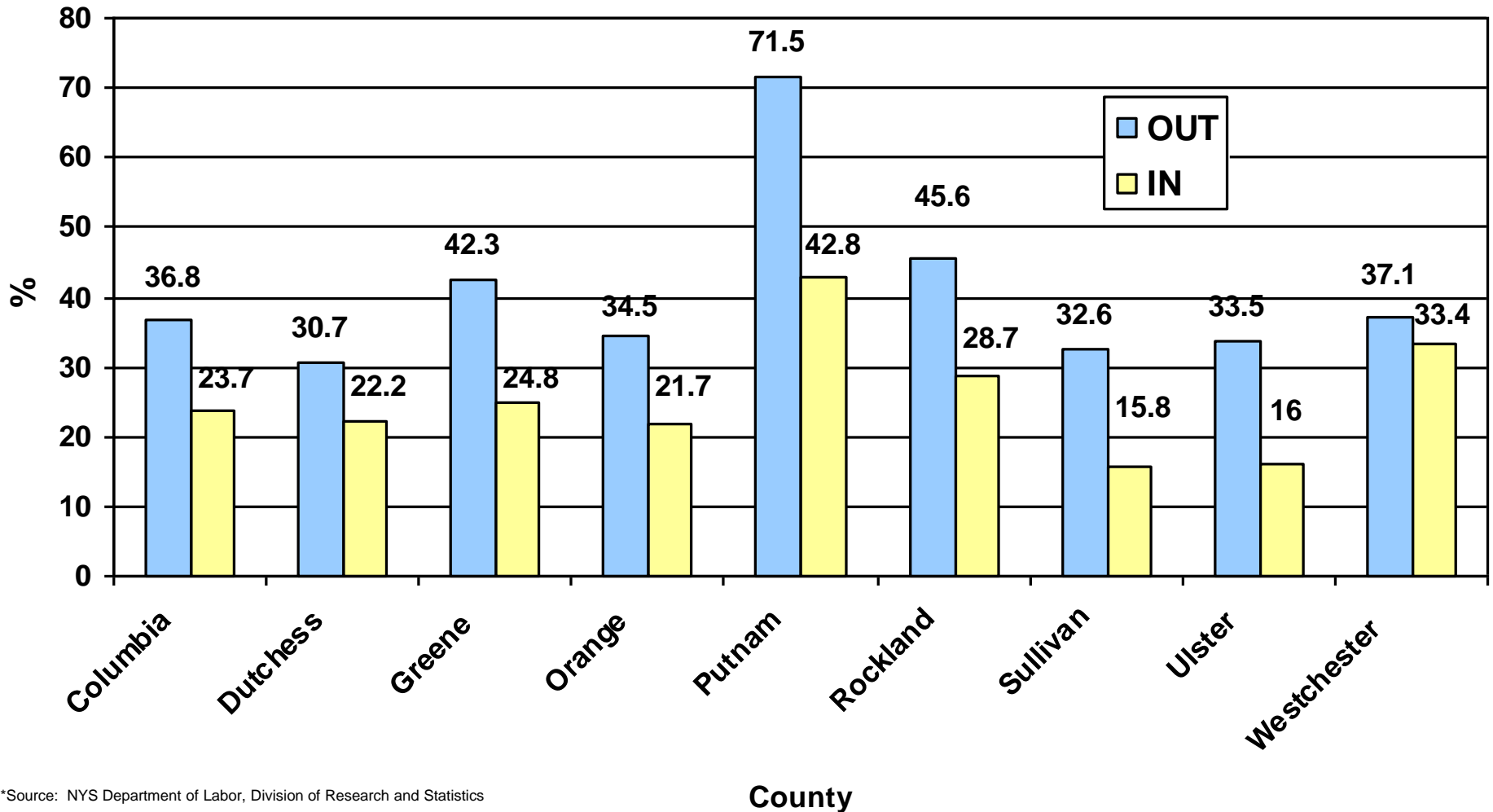
	July 1, 2000	July 1, 2005	% change 2000-2005
Capital	1,028,841	1,058,478	2.8
Central New York	781,057	781,839	0.1
Finger Lakes	1,199,388	1,200,589	0.1
Long Island	2,751,903	2,808,064	2.0
Mid-Hudson	2,175,278	2,261,204	3.8
Mohawk Valley	441,743	439,983	-0.4
New York City	8,004,763	8,143,197	1.7
North Country	420,552	426,091	1.3
Southern Tier	718,679	717,961	-0.1
Western New York	1,442,734	1,417,224	-1.8



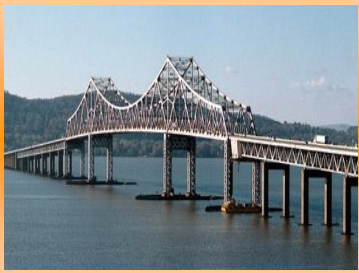
COMMUTATION PATTERNS



Commutation by County



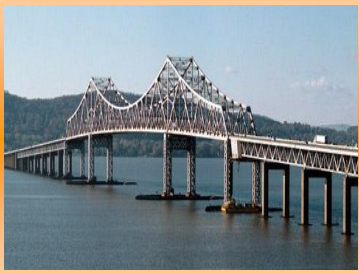
**Source: NYS Department of Labor, Division of Research and Statistics



Hudson Valley Commutation Modes - 2006

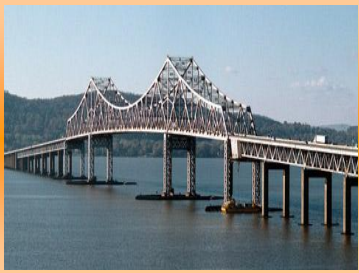
	Columbia *	Dutchess	Greene *	Orange	Putnam	Rockland	Sullivan	Ulster	Westchester	Hudson Valley 2006	Hudson Valley 2000
Workers 16 years and over	28,929	141,011	19,964	172,278	50,451	132,815	34,446	88,834	431,947	1,100,675	1,046,610
Car, truck, or van- drove alone	76%	76%	78%	75%	77%	71%	76%	77%	59%	69%	71%
Car, truck, or van- carpooled	12%	9%	12%	10%	12%	10%	13%	8%	8%	9%	10%
Public transportation (including taxicab)	2%	6%	1%	4%	6%	9%	1%	1%	21%	11%	11%
Walked	4%	4%	4%	4%	1%	3%	4%	6%	6%	4%	4%
Other means	1%	1%	1%	2%	1%	2%	1%	1%	2%	2%	1%
Worked at home	5%	4%	4%	5%	3%	5%	5%	7%	5%	5%	4%
Mean travel time to work (minutes)	26	30	29	37	37	29	25	26	21	29	31

* indicated 2000 and 2006 data
source: US Census Bureau



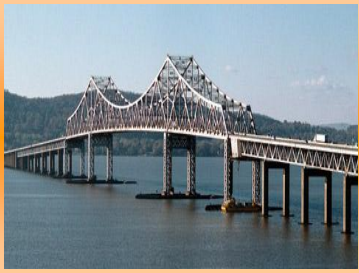
SELECTED RIDERSHIP TRENDS

- Stewart Airport increased passengers from 300,000 in 2006 to 900,000 in 2007
- Traffic volume on NYS Thruway continues to rise
- Metro North is the fastest growing segment of MTA system by 6.2%



Total Metro-North System Ridership

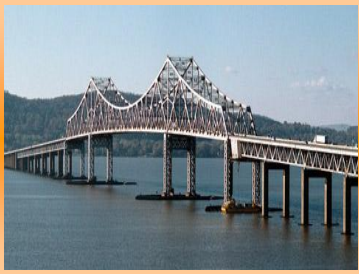
	in Millions			Percent Change	
	2006 Actual	2007 Actual	2008 Projection	08 vs 07	08 vs. 06
East of Hudson					
Hudson	14.746	15.452	15.902	2.9%	7.8%
Harlem	25.454	26.419	26.967	2.1%	5.9%
New Haven	35.011	36.360	36.817	1.3%	5.2%
Total East of Hudson	75.211	78.231	79.686	1.9%	5.9%
West of Hudson					
Harlem	1.389	1.460	1.562	7.0%	12.5%
New Haven	0.425	0.443	0.491	10.8%	15.6%
Total West of Hudson	1.813	1.903	20.53	7.9%	13.2%
Connecting Services Provided by MNR Contractors (2)	0.541	0.611	0.641	5.0%	18.5%
TOTAL MNR SYSTEM	77.566	80.745	82.381	2.0%	6.2%



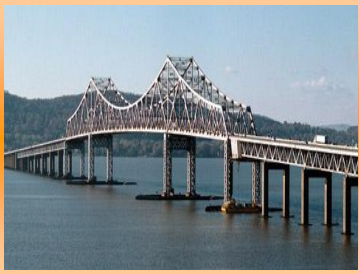
PATTERN'S REGIONAL PRIORITIES

PRELIMINARY LIST.

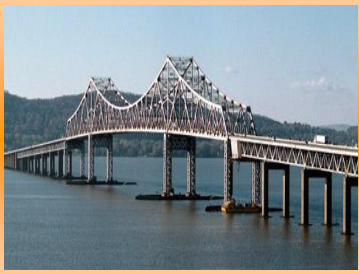
We encourage input as we move towards releasing a more comprehensive list later this spring



1. Create Regional Transportation Consortium
2. Move Toward Solution to the Tappan Zee Bridge, *including* Potential Capacity for Multi-Modal
3. Maximize Connections to Stewart by Bus & Train — both within Region and from Metro Area
4. Increase use of Transit Oriented Development (TOD's), and as a Tool for Smart-Growth/Economic Development
5. Unite Hudson Valley to Move Up Ladder for Priority Attention in Albany



6. Insure the Hudson Valley's "Fare" Share
7. Increase Voting Power for Region's Representatives on MTA Board
8. Create Hudson Valley Development Strategy to "Triage" Transportation Funding
9. Develop Program for Infrastructure Investment to Help Rebuild Municipalities, Big and Small
10. Advocate for Federal Support for DOT's \$150B Investment Program



11. Explore Alternate Forms of Financing
12. The Transit Wish List
13. Analyze Potential for Increased Ferry Usage in the Valley
14. Influence Consumer Behavior to Begin Solving Transportation Issues
15. Create Ways to Retain More of the 200,000 Commuters Going to NYC, NJ and CT

