

Data Needed to Support NYMTC's Products and Performance Measures

	Category	Responsibility	RTP	CMS	TIP	MODELS	CON-FORMITY	Hub Bound	Truck Toll Vol	County Profiles	Regional Statistics	Forecasts	Safety
I	<b>SED</b>												
	<b>A Demographic</b>												
	1 Population	Staff / Members		X		X				X	X	X	
	2 Household	Staff		X		X				X	X	X	
	3 School Enrollment	Staff				X				X	X	X	
	<b>B Socioeconomic</b>												
	1 Employment	Staff / Members		X		X				X	X	X	
	2 Labor Force	Staff		X		X					X	X	
	3 Consumer Price Index	Staff									X	X	
	<b>C Regional Development</b>												
	1 Land Use / Floor Space	Members				X						X	
	2 Permit Data	Members		X		X						X	
	3 Major Projects	Members		X	X	X	X					X	
	4 Coord w/trans Improvements	Members		X	X	X	X					X	
II	<b>HIGHWAY DATA</b>												
	<b>A Traffic Counts</b>												
	1 Volume	Members		X	X	X	X	X	X			X	
	2 Classification	Members		X	X	X	X	X	X			X	
	3 Vehicle Occupancy	Members		X	X	X	X	X	X			X	
	4 Tolls	Members			X	X	X		X			X	
	<b>B Congestion Monitoring</b>												
	1 Spot Speed Studies	Members		X	X	X	X					X	
	2 Delay	Staff		X	X	X	X					X	
	3 Freight	Staff		X	X	X	X		X		X	X	
	4 Vehicle Res.	Staff		X	X	X	X			X	X	X	X
	5 Driver Licensed	Staff		X	X	X	X			X	X	X	X
	6 Corridors Travel Times	Members		X	X	X	X					X	
	<b>C Accident Data</b>												
	1 Number	Staff		X						X	X	X	X
	2 Location	Staff		X						X	X	X	X
	3 Rates	Staff		X						X	X	X	X
III	<b>INFRASTRUCTURE / ASSETS</b>												
	<b>A Highway</b>												
	1 Signal Systems	Members		X	X	X	X						
	2 Highway Miles/Lanes	Members		X	X	X				X	X		X
	3 Condition Data	Members		X	X	X						X	X
	4 Useful Life	Members		X								X	
	5 Maintenance/Replace Cost	Members		X								X	
	<b>B Transit Equipment</b>												
	1 Condition Data	Members		X								X	X
	2 Useful Life	Members		X								X	
	3 Maintenance/Replace Cos	Members		X								X	
IV	<b>TRANSIT</b>												
	<b>A Subways</b>												
	1 Ridership	Staff / Members		X	X	X	X	X			X	X	X
	2 Finances	Members		X	X	X	X						
	3 Schedules / Headways	Staff / Members		X	X	X	X	X			X	X	X
	4 Trains / Capacities	Staff / Members		X	X	X	X	X			X	X	X
	<b>B Buses</b>												
	1 Ridership	Staff / Members		X	X	X	X	X			X	X	X
	2 Finances	Members		X	X	X	X						
	3 Schedules / Headways	Staff / Members		X	X	X	X	X			X	X	X
	4 Routes	Staff / Members		X	X	X	X	X			X	X	X
	5 Vehicles / Capacities	Staff / Members		X	X	X	X	X			X	X	X
	<b>C Rail</b>												
	1 Ridership	Staff / Members		X	X	X	X	X			X	X	X
	2 Finances	Members		X	X	X	X						
	3 Schedules	Staff / Members		X	X	X	X	X			X	X	X
	4 Trains / Capacities	Staff / Members		X	X	X	X	X			X	X	X
	<b>D Ferries</b>												
	1 Ridership	Staff / Members		X	X	X	X	X			X		
	2 Finances	Staff / Members		X	X	X	X						
	3 Schedules	Staff / Members		X	X	X	X	X			X		
V	<b>ADDITIONAL SUPPORTING DATA</b>												
	<b>A Non-Motorized</b>												
	1 Bicycle Data	Staff / Members		X			X	X			X	X	X
	2 Pedestrian Data	Staff / Members		X			X	X			X	X	X
	Usage, by day of week, by time of day; users; compliance; helmet use												
	<b>B TIP</b>												
	1 Project Data	Members		X	X	X	X	X			X		X
	2 Air Quality Data	Members		X	X	X	X	X			X		
	3 GIS Geo-Coding data	Members				X							
	<b>C Inventories, Surveys</b>												
	1 Alternate Fuel	Staff		X			X					X	
	2 Home Interview NPTS	Staff				X						X	
	3 Journey to Work	Staff		X		X				X	X	X	
	4 Truck Stops	Members		X								X	
	5 Park & Ride	Members		X	X	X	X					X	
	6 Truck Routes	Staff / Members		X	X	X	X					X	
	7 Mode Split	Staff		X	X	X		X				X	
	Rail frt yards, intermodal fac., truck terminals, rail lines, port term.												
	<b>D Transportation Demand Man.</b>	Staff / Members		X	X	X	X						
	<b>E Airports</b>												
	1 Passengers	Staff / Members									X	X	
	2 Flights	Staff / Members									X	X	
	<b>F Freight Data / Tonnage / Value</b>												
	1 Trucks / Miles	Staff / Members		X	X	X	X		X		X	X	
	2 Rail	Staff / Members		X	X	X	X		X		X	X	
	3 Waterborne	Staff / Members		X	X	X	X		X		X	X	
	4 Air Freight	Staff / Members		X	X	X	X		X		X	X	
	cargo volumes by region, tcc, county; commodities by OD and by value												
	<b>G Customer Perceptions</b>	Staff		X		X			X				X
	<b>H ITS Coverage</b>	Staff / Members		X	X	X	X		X		X		X
	<b>I Technology Scan &amp; Coverage</b>	Staff		X	X	X	X		X		X	X	X
	<b>J Financial Data</b>												
	1 Programmed	Staff / Members		X		X							
	2 Expenditures	Staff / Members		X		X							

Committees

- 1 Highway Colleen Hagan
- 2 Transit Leokadia Glogowski
- 3 SED Juliette Bergman
- 4 Survey Colleen Hagan
- 5 Safety Sal Mamone
- 6 Freight Howe Mann
- 7 ITS Kuo-Ann Chiao / Sal
- 8 Non-Motorized Howe Mann
- 9 Assets Inventory Pam Lee

PMs from RFPP

Highways	Rail Freight	Port	air cargo
<b>Operating Measures:</b> <ul style="list-style-type: none"> <li>• Truck volumes (with respect to total traffic volumes)</li> <li>• Levels of service (LOS) for major truck routes</li> <li>• Average speed</li> <li>• Toll costs</li> <li>• Curbside space management (loading/unloading zones, parking enforcement, etc.)</li> <li>• Accident and incident rates</li> </ul> <b>Physical Measures:</b> <ul style="list-style-type: none"> <li>• Height clearances</li> <li>• Turning radii</li> <li>• Access width</li> <li>• Weight limitations</li> <li>• Truck delays at railroad/highway grade crossings</li> <li>• Usable shoulders</li> <li>• Highway design standards, acceleration/deceleration lanes, truck climbing lanes, etc.</li> <li>• Signage; and</li> <li>• Curbside capacity (for truck operations)</li> </ul>	<b>Rail Freight Traffic Levels:</b> <ul style="list-style-type: none"> <li>• Rail carloads exchanged with East-of-Hudson origins/destinations</li> <li>• Container or trailer groundings in the East-of-Hudson region</li> </ul> <b>Rail Freight Levels of Service:</b> <ul style="list-style-type: none"> <li>• (Proprietary information, may be difficult to acquire)</li> </ul> <b>Rail Freight Market Share:</b> <ul style="list-style-type: none"> <li>• Rail as a percentage of total regional freight traffic</li> </ul> <b>Rail Freight Competition:</b> <ul style="list-style-type: none"> <li>• Number of competing carriers (preserving service options through future mergers)</li> </ul> <b>Rail Terminal Access:</b> <ul style="list-style-type: none"> <li>• Number of access modes (truck, barge/ferry)</li> <li>• Number of alternative access truck routes</li> <li>• Connection time/distance to nearest limited-access highway or mainline rail head</li> <li>• Average cost of dray operations</li> </ul>	<b>Capacity:</b> <ul style="list-style-type: none"> <li>• Actual throughput (total and per acre)</li> <li>• Actual throughput as a percentage of theoretical "maximum practical capacity" by functional component of each terminal (wharf and crane operations, storage, gate)</li> </ul> <b>Operations:</b> <ul style="list-style-type: none"> <li>• Average cargo dwell time</li> <li>• Hours of terminal operation</li> <li>• Utilization of storage (highversus low-density)</li> </ul> <b>Port Terminal Access:</b> <ul style="list-style-type: none"> <li>• Number of access modes (truck, rail, barge/ferry)</li> <li>• Rail barge mode share</li> <li>• Number of alternative access truck routes</li> <li>• LOS on major truck access routes</li> <li>• Access to on-dock rail</li> <li>• Connection time/distance to nearest limited-access highway or mainline rail head</li> <li>• Average cost of dray operations</li> </ul>	<b>Capacity:</b> <ul style="list-style-type: none"> <li>• Aircraft parking</li> <li>• Airfield capacity</li> <li>• Warehouse capacity</li> </ul> <b>Operations:</b> <ul style="list-style-type: none"> <li>• Availability/efficiency of Federal Inspection Services (FIS)</li> <li>• Tug distance to aircraft parking ramp</li> </ul> <b>Airport Access:</b> <ul style="list-style-type: none"> <li>• Number of alternative access truck routes</li> <li>• Connection time/distance to nearest limited-access highway or CBD</li> <li>• Average cost of dray operations</li> </ul>