Stepping toward a Culture of Walking and Bicycling to School:

A Summary of Training, Research and Technical Assistance supported by the New Jersey Safe Routes to School Program







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Introduction

The NJ Safe Routes to School Resource Center (NJSRTS RC) is a partnership between and the New Jersey Department of Transportation (NJDOT) and the Alan M. Voorhees Transportation Center (VTC) which is within the Edward J Bloustein School of Planning and Public Policy at Rutgers, The State University of New Jersey. This sustainable partnership was established to provide services, training, coordination, and technical assistance directly to regional planning associations, organizations, and local and regional governments. In 2011, the capacity of the NJSRTS RC was expanded to form a partnership between NJDOT, the NJSRTS RC, and all eight of New Jersey's Transportation Management Associations (TMAs). NJDOT provides program administration and guidance through the TMA's SRTS Regional Coordinators and federal funding through the Local Aid Grant program.

Working with the NJSRTS RC, SRTS Regional Coordinators are mobilized to proactively reach out to and partner with schools, local and regional governments and other organizations to provide a variety of SRTS non-infrastructure services such as programs and education and implement these events and programs to encourage students to walk and bike to school. The NJSRTS RC provides support by offering services, training, oversight, and technical assistance to all eight of NJ's TMAs.

The NJ Safe Routes to School Resource Center focuses on:

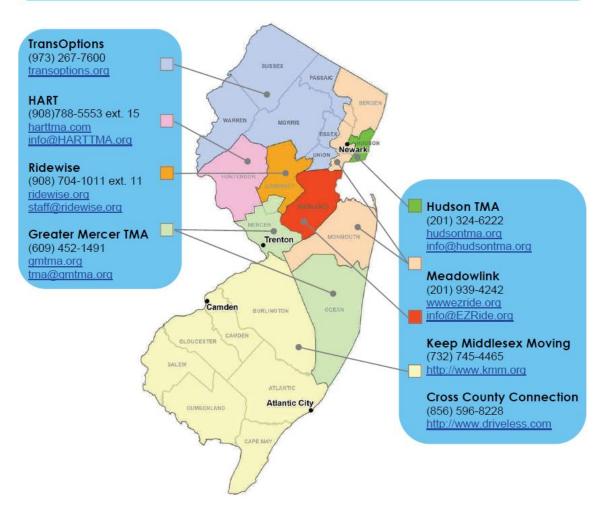
- Enhancing the capacity of Transportation Management Association (TMA) staff by providing training, guidance, support, discussion opportunities, and information sharing regarding the technical aspects of Safe Routes to School;
- Encouraging increased participation in education, encouragement and enforcement activities throughout the state of New Jersey;
- Facilitating policy-level discussions to increase linkages between active transportation and public health; and
- Providing technical assistance directly to New Jersey communities and schools.

December of 2014 marked the conclusion of the third calendar year of the enhanced non-infrastructure program housed at the NJSRTS RC. Throughout these three years, the program has continued to develop and expand. Working with the NJSRTS RC, the SRTS Regional Coordinators have significantly increased outreach levels across the state and continue to make strides in project implementation as reflected in this update report.

This project update report as of December 2014 includes:

- A summary of assistance provided by NJSRTS RC to support regional coordinators from the state's TMAs.
- 2. An overview of October Walk and Bike to School Month activities,
- 3. New Jersey SRTS on the local and national stage,
- 4. An update on research and programs performed by VTC and relevant to NJSRTS,
- 5. A synopsis of performance measures tracked by the NJSRTS RC, and
- Outreach Progress Reports which include compiled data from each of the TMAs' Record
 of Contact reports showing their outreach and programming efforts in schools, school
 districts, municipalities, and counties. These outreach reports reflect progress to date.

NJ SRTS Regional Coordinators



1. Outreach Progress Reports

The following Outreach Progress Reports were prepared for each TMA based upon information reported in the monthly Record of Contact form through the month of December 2014. The reports detail how many and which communities the TMAs have contacted regarding SRTS programs, disadvantaged communities reached, and the change in outreach since the most recent report in June of 2014. Reports have been generated for:

- Cross County Connection
- Greater Mercer TMA
- HART Commuter Information Services
- Hudson TMA
- Keep Middlesex Moving
- Meadowlink
- Ridewise
- TransOptions

The reports also include information on bicycle and pedestrian events, education events, and planning and policy activities.

Overall Statewide Observations

- TMAs made contact with a total of 308 municipalities in New Jersey, a 5.84% increase from the last report.
- Total disadvantaged communities contacted were 88, a 4.76% increase from the last report.
- The total number of schools contacted was 574, a 6.9% increase from the last report.
- The total number of bicycle and pedestrian events held was 482, a 5.7% increase from the last report.
- The total number of education events held was 539, a 10% increase from the last report.

Observations

The observations section of each report is a summary of:

- The total number of municipalities the TMA has reached since the start of the program;
- The total number of contacts at the district, school, municipality, organization or other;
- The number and percent of disadvantaged or low-socioeconomic status communities contacted in the service area, as well as the number of disadvantaged or lowsocioeconomic communities not contacted;
- The percent increase in outreach since the last report.

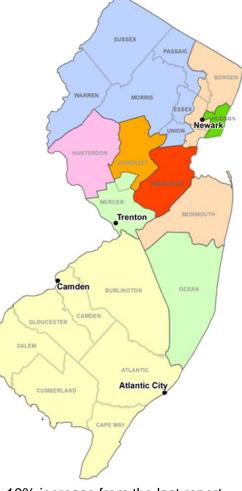


Table of Contacted Municipalities

The report shows a table listing the name of each municipality the TMA has contacted by county and the type of entity. Outreach has taken place at various levels in each community—school, school district, municipality, or community organization—and this is noted. Disadvantaged communities are indicated in the table with an asterisk. Disadvantaged community designation has changed since the previous project update report, and this is explained below.

Interest Level of Contacted Communities

The interest level for all contacts is aggregated in a pie chart showing Low, Medium, and High interest. This includes interest levels for all types of contacts, school, municipal, etc. TMAs were encouraged to reach out to an array of possible program participants, and this outreach is reflected in the high total outreach numbers. Several reports show large numbers of contacts with low interest level in the program. This is expected for the broad outreach conducted.

School Outreach Levels

The report presents a pie chart showing the assessed school outreach levels detailed in the returned monthly Record of Contact forms. Outreach is categorized into six classes—"Contact Made", "Preliminary Conversations," "Setting up a Program," "In the Process of Program Implementation," "Ongoing Programming," and "Institutionalized Programming." Levels were self-reported by TMAs. The outreach levels and criteria are described below.

Pedestrian and Bicycle Events

The number of pedestrian and bicycle events taking place in the service area was tabulated in a chart. Events include walking school bus, bike train, Walk to School Day, Bike to School Day, bike rodeo, and mileage clubs.

Education Events

The number of educational events was tabulated in a chart. Examples include bike safety lessons, pedestrian safety lessons, and other related school assemblies.

Policy and Planning

Encouraging bicycling and walking to school through policy and planning were also tabulated. Examples include walkability and bikeability assessments, School Travel Plans, supportive walk/bike policies, and resolutions of support. Complete Street policies are only noted when TMA staff is involved in the process of passing a resolution.



Children walking to school in Woodbridge

School Outreach Level Maps

The first map presents school outreach level information represented on a map of each TMA's service area. The map shows the five outreach levels described and defined below. The map also indicates each municipality that has had contact at the municipal level by shading these municipalities.

Outreach Level Criteria

The following criteria were used to categorize levels of outreach TMAs provided to the schools. Levels were assessed based on descriptions provided in the monthly Record of Contact form. Criteria include:

Contact made

- Contact key players
- Discuss what SRTS is and what TMAs can do to help

Preliminary conversations

- Present to larger groups about SRTS
- Discuss getting a Resolution of Support, setting up events, conducting surveys and tallies, School Travel Plans, etc.

Setting up a program

 Get the SRTS program established by completing an enrollment form and getting a Resolution of Support from local municipal government and local Board of Education (or equivalent body)

In the process of program implementation

- Start annual traditions and build SRTS awareness
- Identify a SRTS champion
- Hold at least one one-time SRTS program or event
 - Walk to school day
 - Bike clinic
 - School assembly

Ongoing programming

- Get Sustainable Jersey certified
- 4 SRTS events planned
- Create a School Travel Plan
- Conduct SRTS tally or parent/caregiver survey
- Hold a multi-week program such as
 - Walking School Bus



Biking to school together in New Providence

- Golden Sneaker program
- Multi-day bike/pedestrian education
- PE bike education lessons

Institutionalized programming

- SRTS program is part of the school identity
- Support from PTA, PTO, or Green Team and frequent and regularly scheduled programs (more than 4 on weekly, monthly, and annual basis)

Disadvantaged Community Maps

Seven of the eight TMAs serve areas which include designated disadvantaged communities. These communities were identified as important outreach targets to encourage SRTS participation. Regional Coordinators have been instructed to provide enhanced outreach efforts to disadvantaged communities in their areas. The disadvantaged community map indicates disadvantaged communities contacted and disadvantaged communities not contacted by the TMA within the TMA's service area.

Outreach and engagement with disadvantaged communities is prioritized in the SRTS program. In the past the NJSRTS Resource Center used former Abbott District designation and municipal urban aid eligibility as criteria to define disadvantaged communities. To simplify the process and to reflect the program's focus on youth, the Resource Center now uses one metric—New Jersey Department of Education's (NJ DOE) District Factor Group (DFG) designation. District Factor Groups are a classification created by NJ DOE to determine a community's socioeconomic status. The DFG designations used in this report are from the 2000 decennial census. They are used as an approximate measure of a community's socioeconomic status. The following six variables are used to calculate the DFGs:

- Percent of adults with no high school diploma
- Percent of adults with some college education
- 3. Occupational status
- 4. Unemployment rate
- 5. Percent of individuals in poverty
- 6. Median family income

Using these six variables, each municipality is given a score. This score may be weighted if some communities receive a significant share of students from other communities. Districts with similar scores are grouped into a DFG class. The 8 DFG classes are A, B, CD, DE, FG, I, and J. Municipalities ranked A or B (the



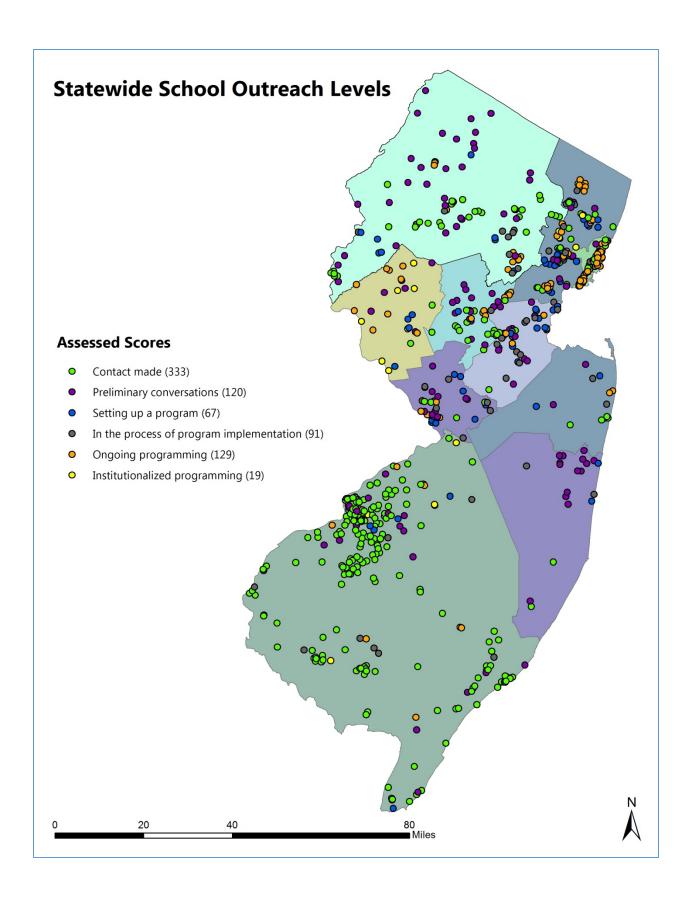
An interactive walking and bicycling to school educational event held in Hunterdon County

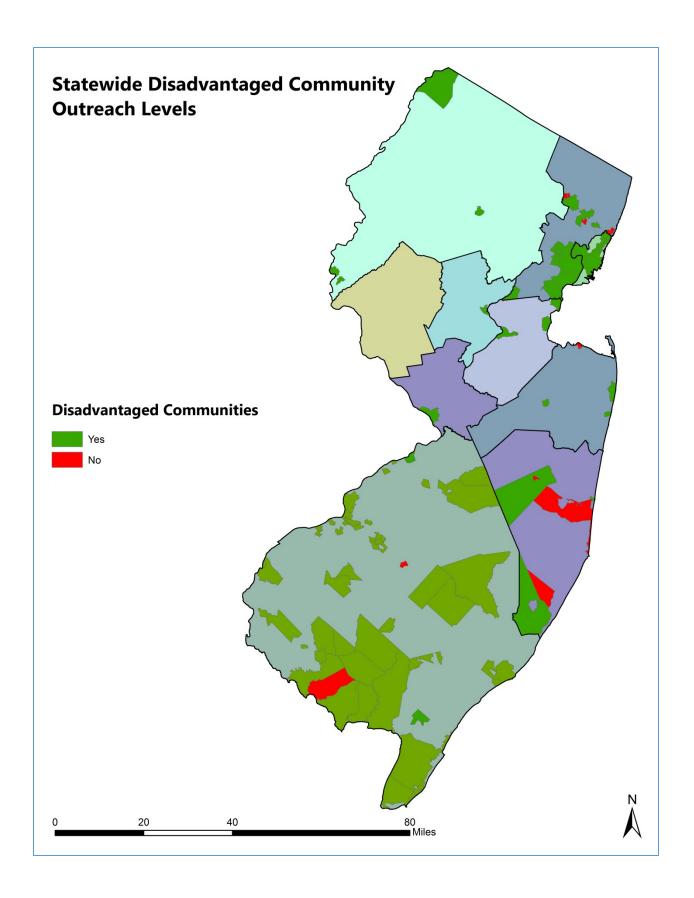
lowest DFG scores) are considered "Low Socioeconomic Communities" or "Disadvantaged Communities" for the purpose of the Safe Routes to School program.

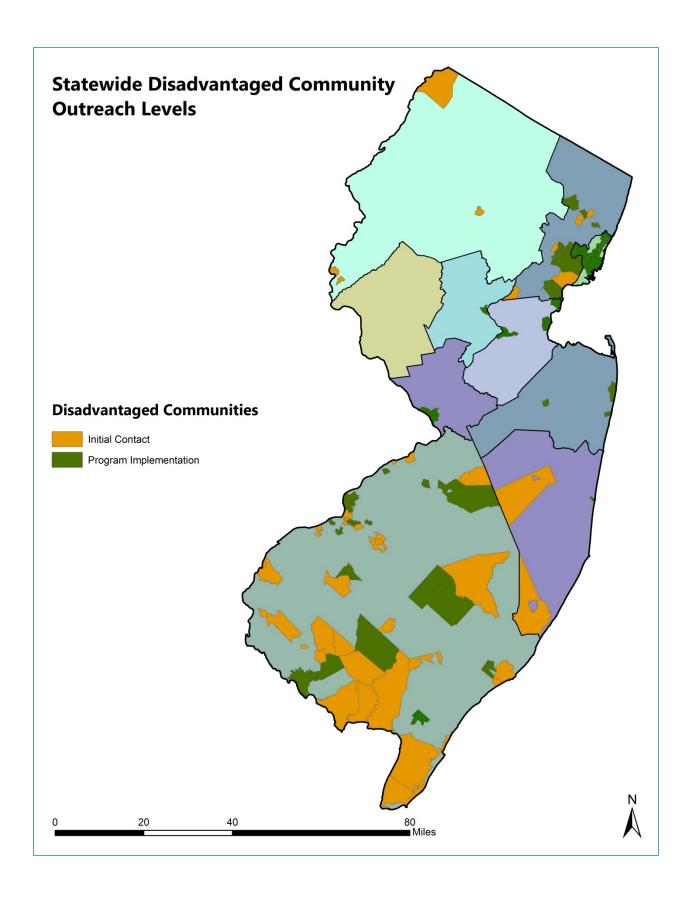
Contact with municipalities with low socioeconomic status is noted and mapped for each TMA and for the State of New Jersey as a whole.



Walking to school in Trenton







Cross County Connection

Outreach Progress Report as of December 2014

Observations

- Total number of municipalities contacted: 115 out of 170 (67.6%)
- Contacts at the District Level: 62 (6.9% increase from last report)
- Contact at the School Level: 259 (15.6% increase from last report)
- Contacts at the Municipal Level: 25
- Contacts at any other Level: 4
- 50 Low Socioeconomic Status Communities contacted
- 2 Low Socioeconomic Status Communities were not contacted: Chesilhurst Borough and Lawrence Township.

Table of Contacted Municipalities

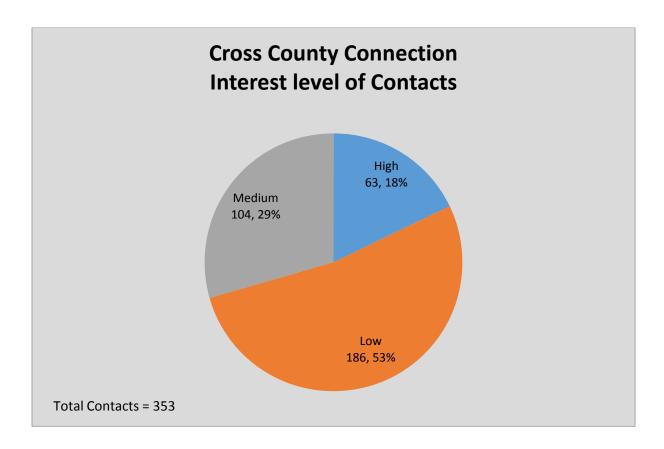
(*=Low Socioeconomic Status Community)

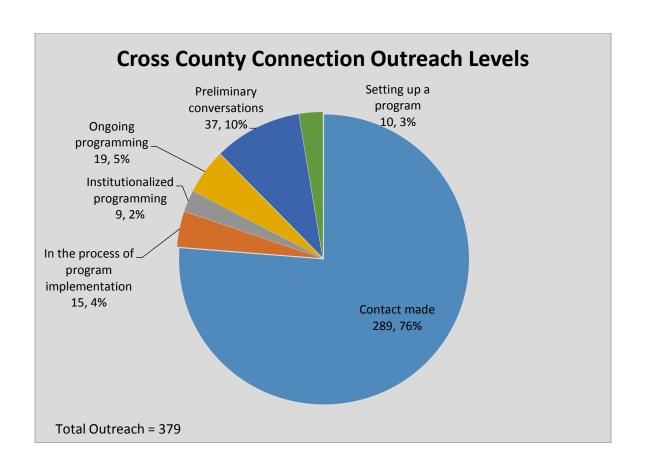
Municipality	Extent of Contact
Atlantic County	
Absecon	School, District, and Other
Atlantic City*	District and 9 Schools
Brigantine	1 School
Buena	1 School
Egg Harbor City*	2 Schools
Elwood	2 Schools
Galloway Township	District, Municipality, and 4 Schools
Hammonton*	District, Municipality, and 2 Schools
Linwood	Municipality and 2 Schools
Margate	Municipality, 2 Schools
Mullica Township*	District
Northfield	District and 1 school
Pleasantville*	District, Municipality, and 5 Schools
Somers Point	Municipality and 3 Schools
Ventnor City*	District
Weymouth Township*	1 school
Wildwood	District
Burlington County	
Beverly*	District and 2 Schools
Burlington*	District, Municipality, and 2 Schools
Cinnaminson Township	1 School

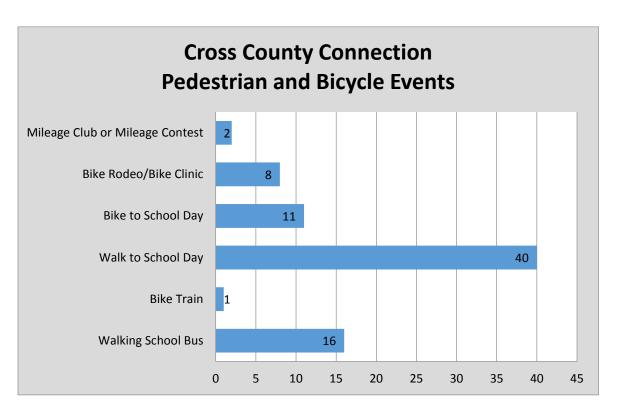
Delanco Township	Municipality
Evesham Township	Municipality and 6 Schools
Maple Shade	District
Marlton	1 School
Medford Lakes	1 School
Moorestown	5 Schools
Mount Holly Township*	2 Schools
Mount Laurel Township	3 Schools
New Hanover Township*	District and 1 School
Palmyra	1 School
Pemberton Township*	Municipality and 3 Schools
Riverside Township*	2 Schools
Southampton	Municipality and 3 Schools
Washington Township*	District and School
Westampton Township	1 School
Willingboro Township	District
Camden County	District
•	1 Cabaal
Atco Bellmawr*	1 School
	District and 1 School
Berlin	2 Schools
Brooklawn*	District
Camden*	District, Municipality, and 24 Schools
Cherry Hill	Municipality and 12 Schools
Clementon*	District
Collingswood	3 Schools
Gibbsboro	1 School
Gloucester	8 Schools
Gloucester City*	District and 2 Schools
Haddon Heights	Municipality and 5 Schools
Haddon Township	Other
Haddonfield	1 School
Laurel Springs	Municipality and 1 School
Lawnside*	District, Municipality and 1 School
Lindenwold*	District and 2 Schools
Magnolia	Municipality and 1 School
Mount Ephraim	District and 2 Schools
Pennsauken Township	2 Schools
Pine Hill*	District and 1 School
Runnemede*	District
Stratford	District and 2 Schools
Voorhees Township	District , Municipality, 1 School
Winslow Township	Municipality
Woodlyne	District and 1 School
Cape May County	

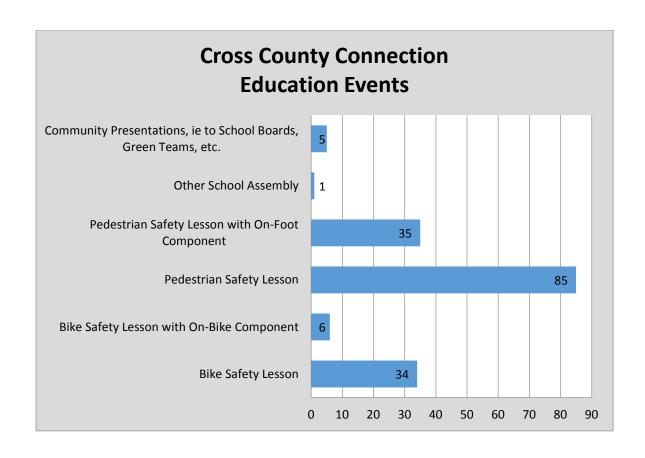
Cape May	District and 3 Schools
Dennis Township	Municipality
Lower Township*	District and 2 Schools
Marmora	2 Schools
Middle Township*	District
North Wildwood*	District and 1 School
Ocean City	District
Petersburg	1 School
Sea Isle City*	District
Upper Township	1 School
Wildwood*	District and 2 Schools
Wildwood Crest*	District and 2 schools District
Woodbine*	1 School
	1 3011001
Cumberland County	0.5-1
Bridgeton*	8 Schools
Commercial Township*	District
Deerfield Township*	District and 1 School
Downe Township*	District
Fairfield Township*	District
Greenwich Township	1 School
Maurice River Township*	Municipality
Lawrence Township	Municipality
Millville*	District and 8 Schools
Port Norris	2 Schools
Shiloh*	1 School
Upper Deerfield Township*	District
Vineland*	District and 6 Schools
Gloucester County	
Deptford Township	Municipality
East Greenwich Township	Municipality
Elk Township*	District and 1 School
Glassboro*	District, Municipality, and 4 Schools
Gloucester	District
Harrison Township	District and 1 School
Mantua Township	1 School
Monroe	1 School
National Park*	District and 1 School
Paulsboro*	District and 2 Schools
Pitman	3 Schools
Sewell	5 Schools
Turnersville	4 Schools
Washington Township	District
Wenonah	Other
Westville*	District

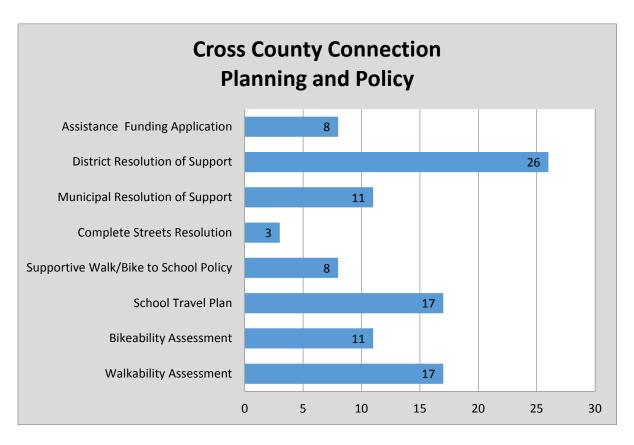
Woodbury*	District and 3 Schools
Woodbury Heights	1 School
Woolwich Township	District
Salem County	
Carneys Point	2 Schools
Elmer	District
Lower Alloways Creek Township	District
Mannington Township	1 School
Penns Grove*	District and 6 Schools
Pennsville	4 Schools
Quinton*	District and 2 Schools
Salem*	District and 4 Schools
Total= 115 Communities	

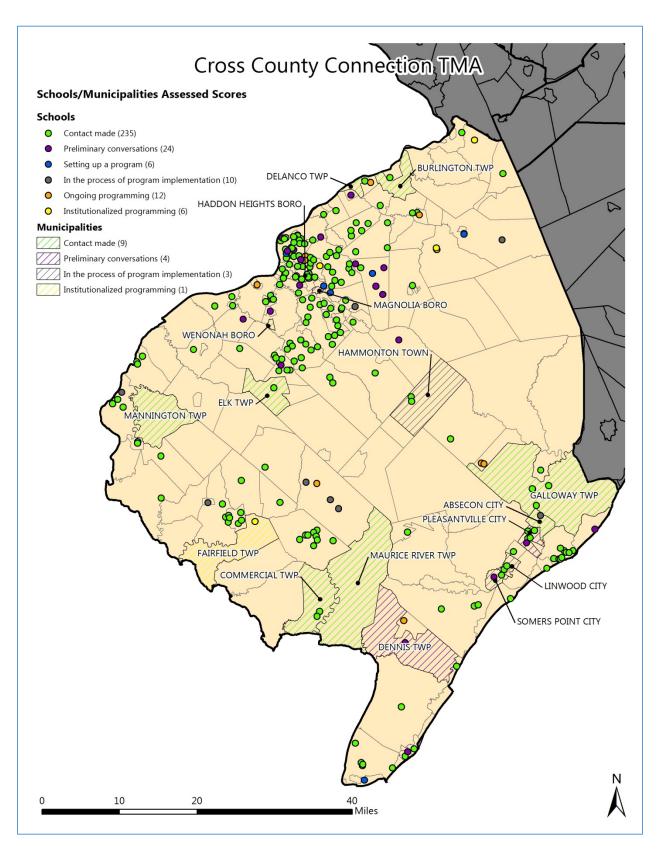


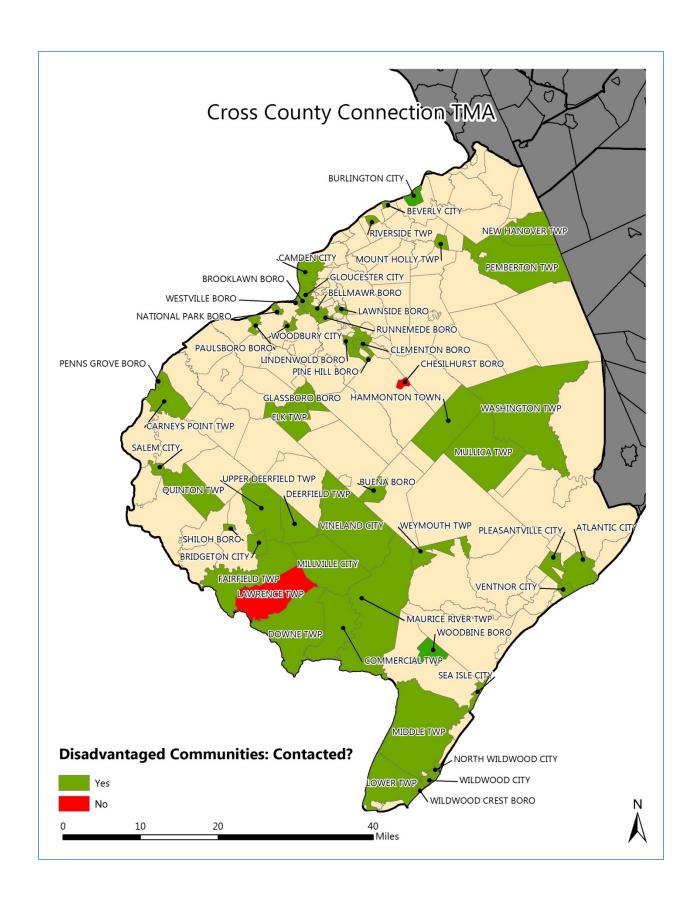


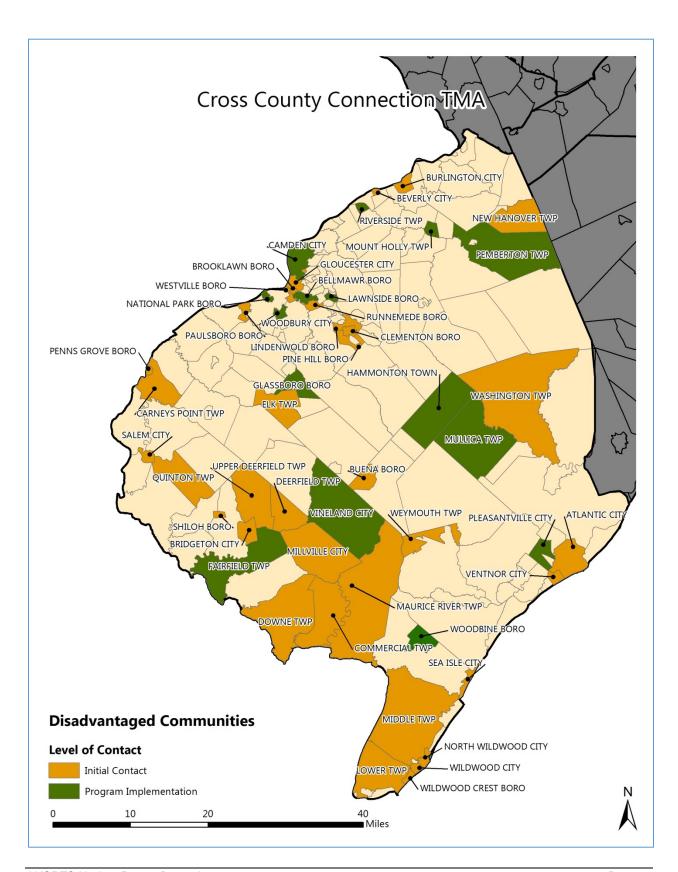












Greater Mercer TMA

Outreach Progress Report as of December 2014

Observations

- Total number of municipalities contacted: 25 out of 45 (55.5%)
- Contacts at the District Level: 6
- Contacts at the School Level: 46 (35.3% increase from the last report)
- Contacts at the Municipal Level: 14 (40% increase from the last report)
- Contacts at any other Level: 12 (9% increase from the last report)
- 4 Low Socioeconomic Status Communities contacted
- 4 Low Socioeconomic Status Communities were not contacted: Lakehurst Borough, Ocean Gate, Berkeley Township, and Eagleswood Township.

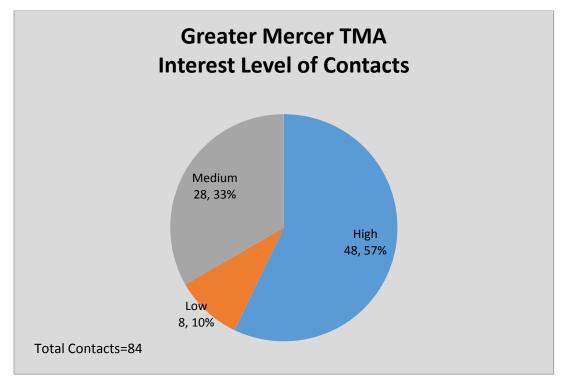
Table of Contacted Municipalities

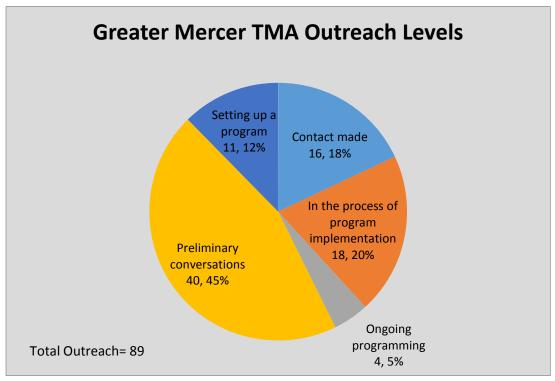
(*=Low Socioeconomic Status Community)

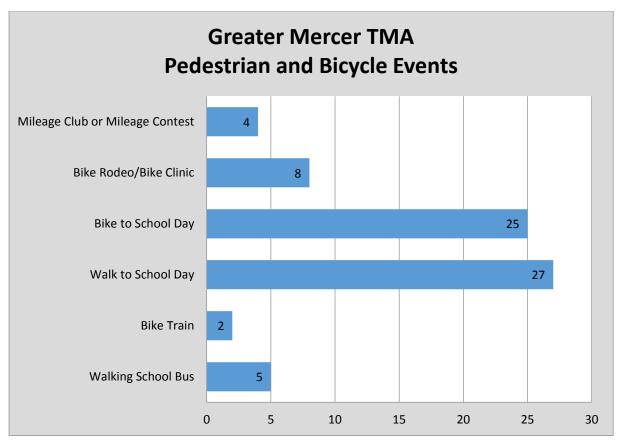
Municipality	Extent of Contact
	Extent of Contact
MERCER COUNTY	
East Windsor	Municipality, 2 Schools and Other
Ewing Township	2 Schools, and Other
Hamilton	2 Schools, and Other
Hightstown	Municipality, 2 Schools and Other
Hopewell	Municipality, District, 1 school, and Other
Lawrence Township	Municipality, 2 Schools, and Other
Montgomery	Municipality
Pennington	Municipality, 1 school
Princeton Township	Municipality, District, 3 Schools, and Other
Robbinsville Township	District, 1 School and Other
Trenton*	District, 11 Schools, and Other
West Windsor Township	District, 2 Schools and Other
OCEAN COUNTY	
Barnegat Township	1 School
Bay Head	1 School
Brick Township	6 Schools
Jackson	Municipality
Lakewood Township	4 Schools , Municipality
Lavallette	1 School
Little Egg Harbor Township*	1 School
Manchester	District, 1 School
Pine Beach	School
Point Pleasant	Municipality, 1 School

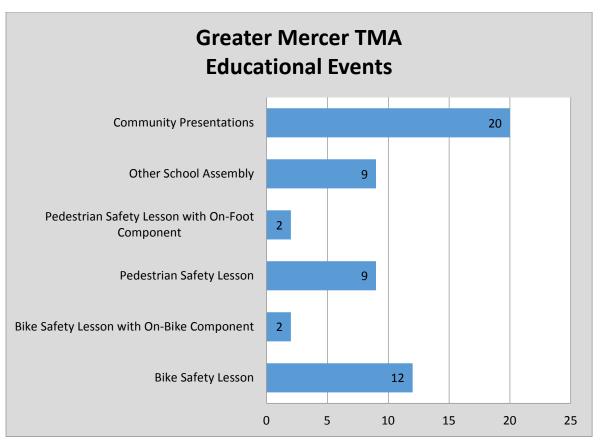
Seaside Heights*	1 School
Toms River	Municipality and 2 Schools
Tuckerton	1 School

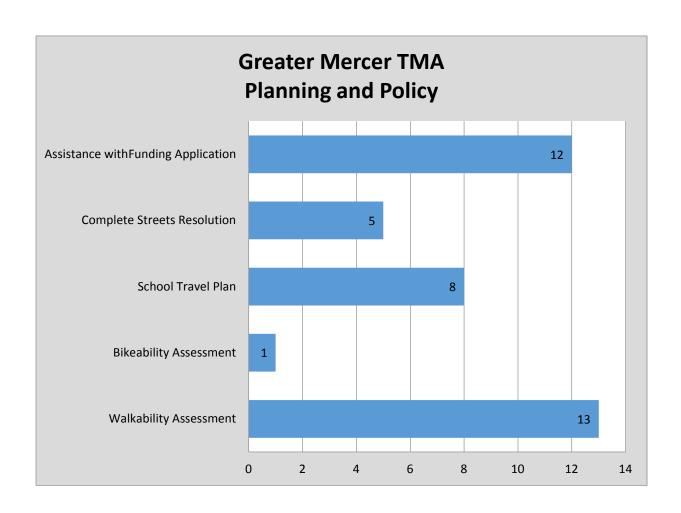
Total = 25 Communities

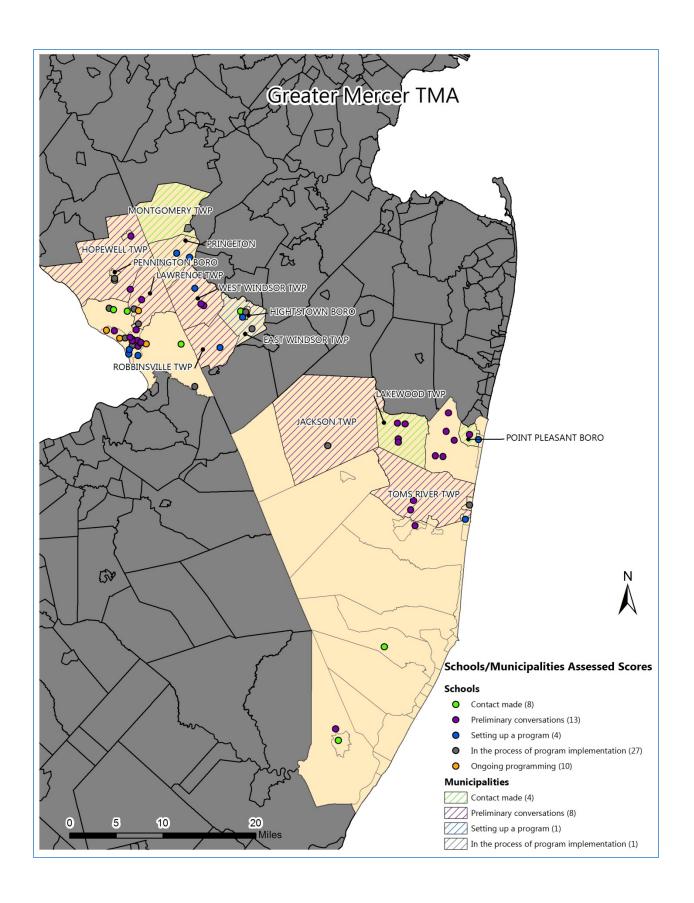


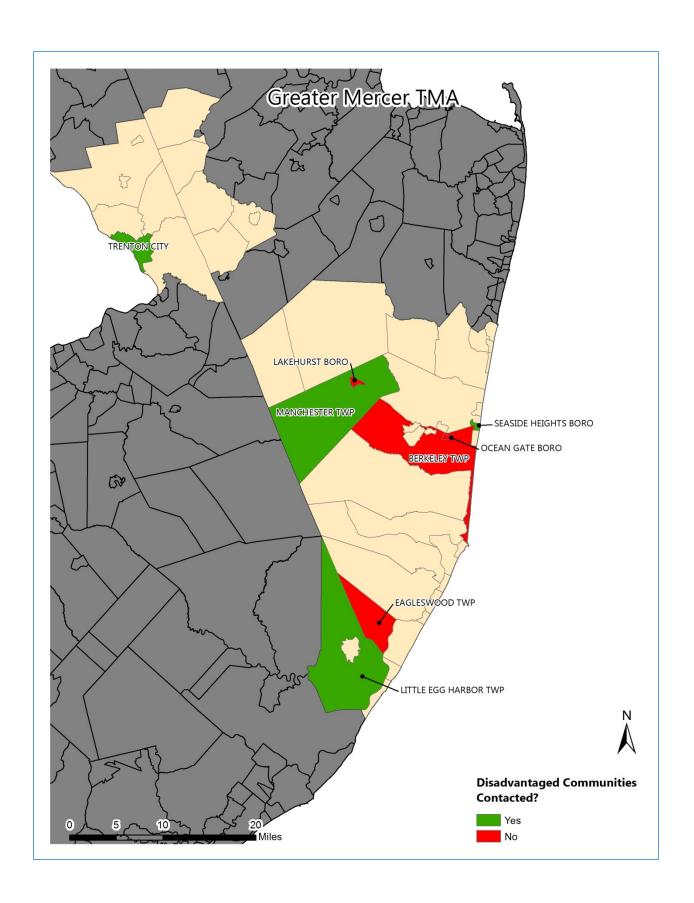


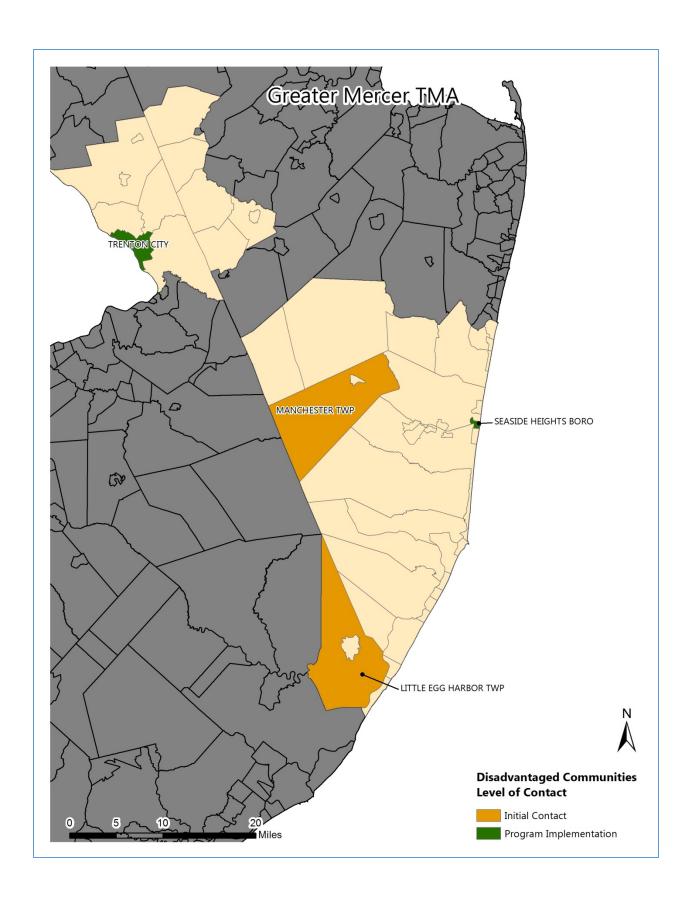












Hart TMA

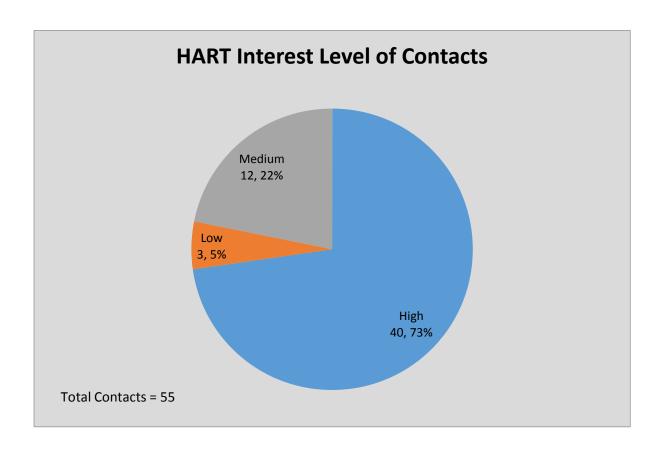
Outreach Progress Report as of December 2014

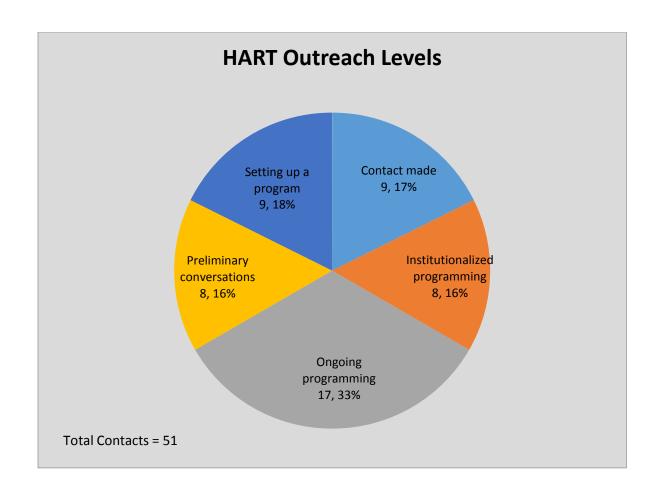
Observations

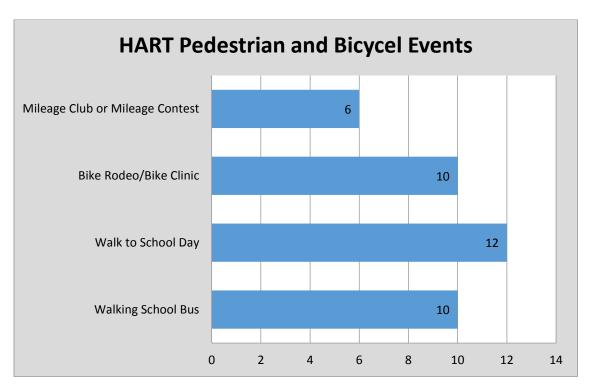
- Total number of municipalities contacted: 22 out of 26 (84.6%)
- Contacts at the District Level: 1
- Contacts at the School Level: 25
- Contacts at the Municipal Level: 21 (200% increase from the last report)
- Contacts at any other Level: 4 (33.3% increase from the last report)
- No Low Socioeconomic Status Communities in the HART TMA region

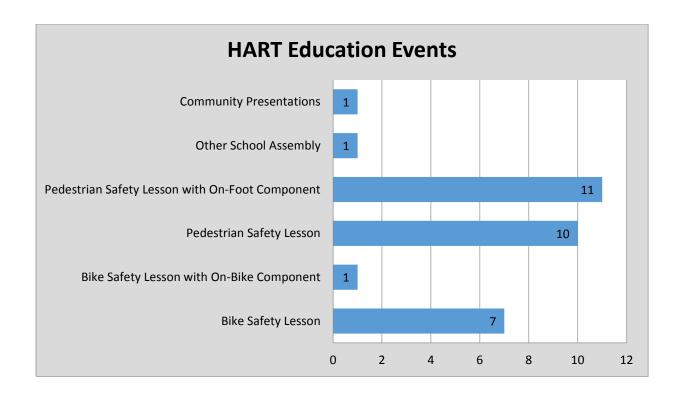
Table of Contacted Municipalities

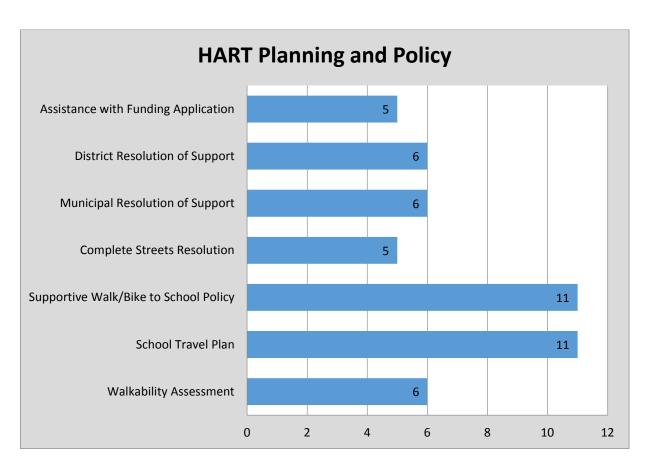
Municipality	Extent of Contact
HUNTERDON COUNTY	
Alexandria Township	Municipality, 1 School
Bloomsbury	Municipality, 1 School
Califon	Municipality, 1 School
Clinton Township	Municipality, Other, and 1 School
Delaware	Municipality, 1 School
East Amwell	Municipality
Flemington	Municipality, 1 School
Franklin Township	Municipality, 1 School
Frenchtown	Municipality, 1 School
Glen Gardner	Municipality and Other
Hampton	Municipality, 1 School
High Bridge	2 Schools
Kingwood Township	Municipality, 1 School
Lambertville	Municipality, 1 School
Lebanon	Municipality, District, and 2 Schools
Milford	Municipality, 1 School
Raritan Township	Municipality, 4 Schools, and Other
Readington Township	Municipality, Other, 1 School
Stockton	Municipality, 1 School
Tewksbury Township	Municipality, 1 School
Union Township	Municipality, 1 School
West Amwell Township	Municipality, 1 School
Total: 22 Communities	

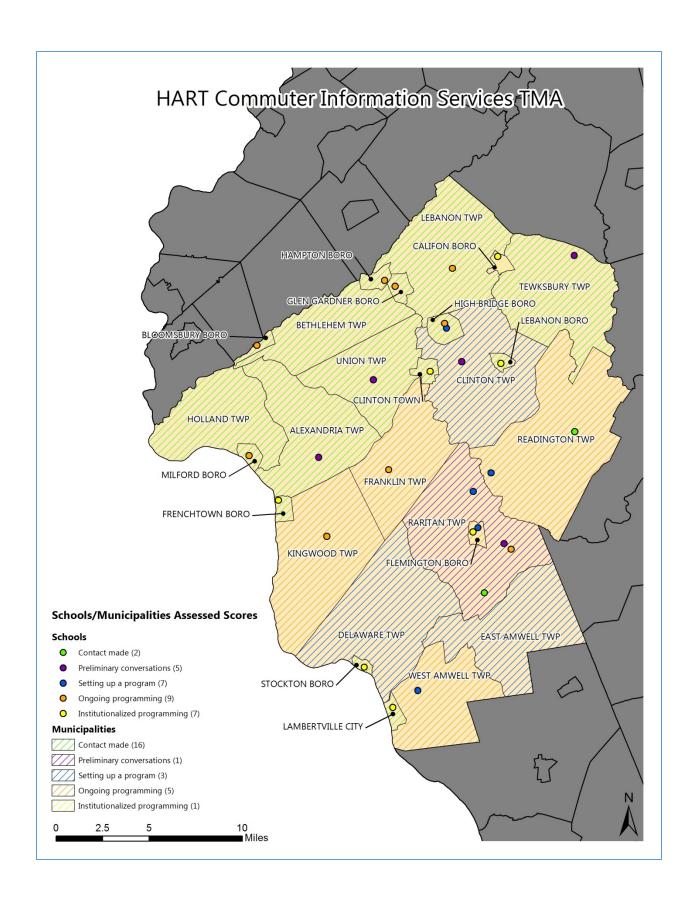












Hudson TMA

Outreach Progress Report as of December 2014

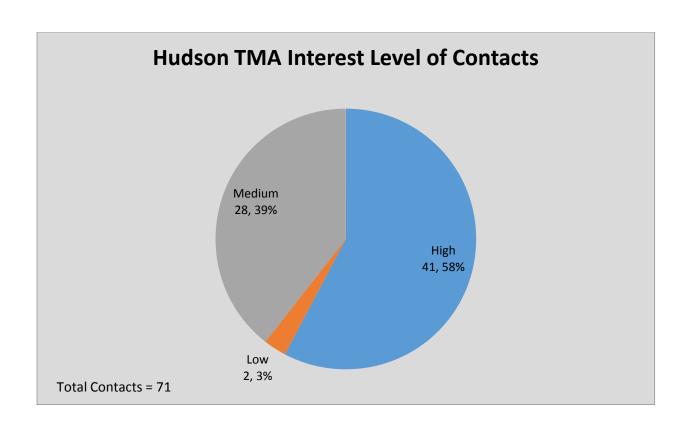
Observations

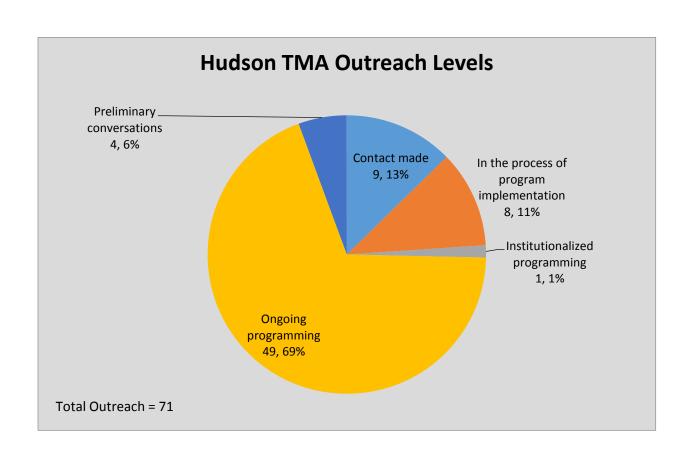
- Total number of municipalities contacted: 11out of 12 (91.6%)
- Contacts at the District Level: 4
- Contacts at the School Level: 60 (3.45% increase from the last report)
- Contacts at the Municipal Level: 3
- All 8 Low Socioeconomic Status Communities contacted

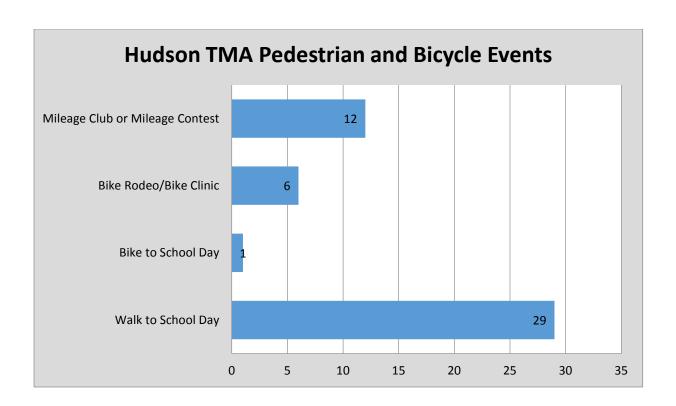
Table of Contacted Municipalities

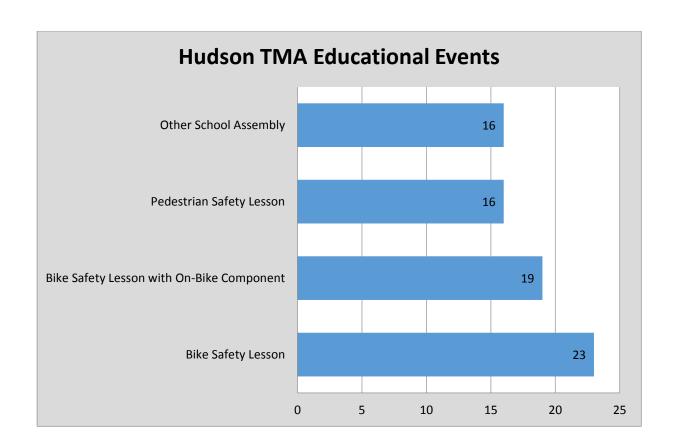
(*=Low Socioeconomic Status Community)

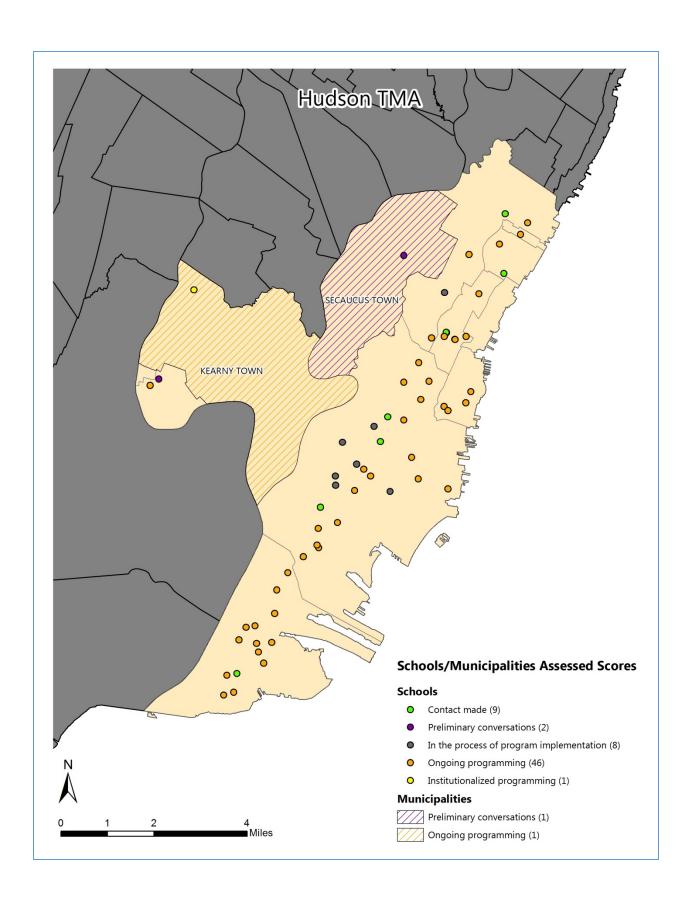
Municipality	Extent of Contact
HUDSON COUNTY	
Bayonne	District, 13 Schools and Other
East Newark*	1 School
Guttenberg*	1 School
Harrison	2 Schools
Hoboken	District, 3 Schools
Jersey City*	District, 26 Schools
Kearny*	Municipality, 1 School
North Bergen*	5 Schools, Municipality
Secaucus	District and Municipality
Union City*	6 Schools
West New York*	2 Schools
Total: 11 Communities	

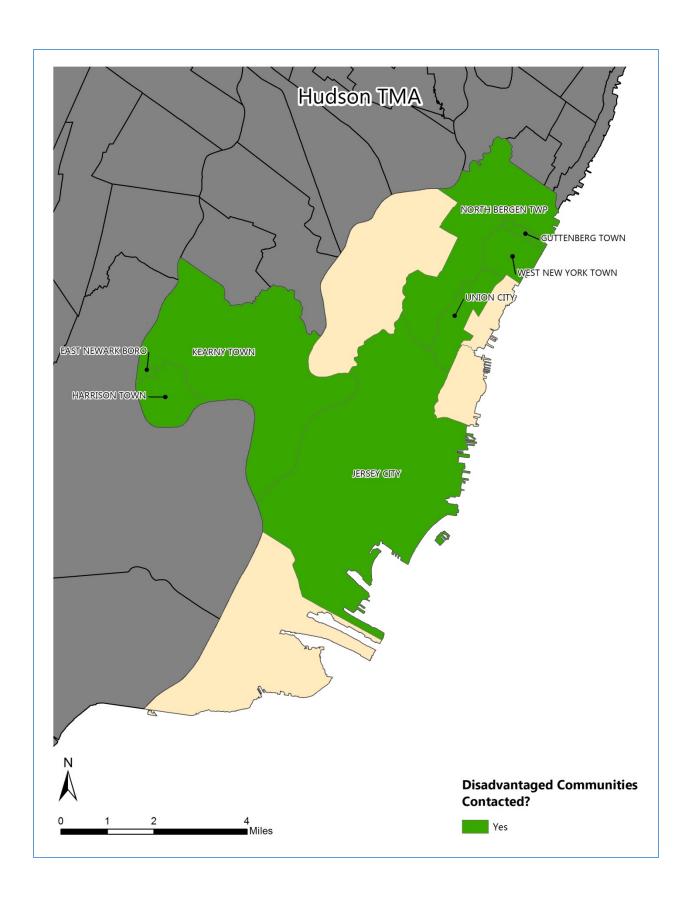


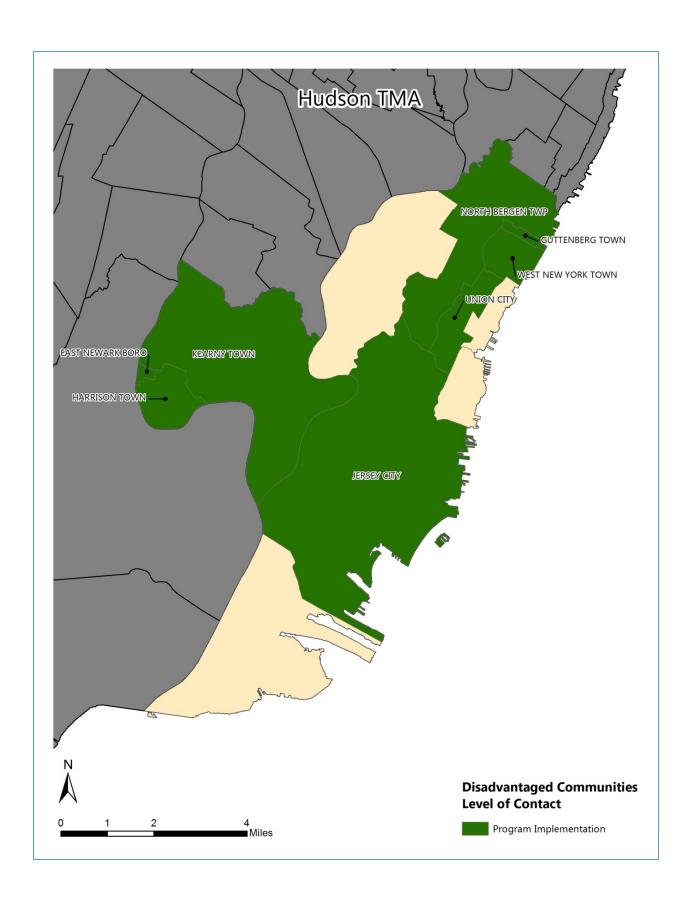












Keep Middlesex Moving

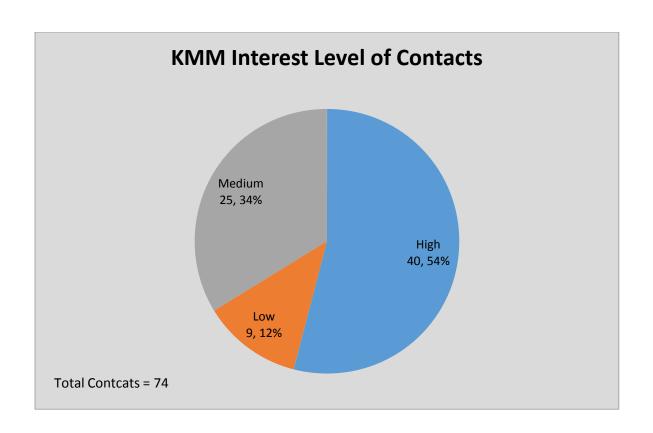
Outreach Progress Report as of December 2014

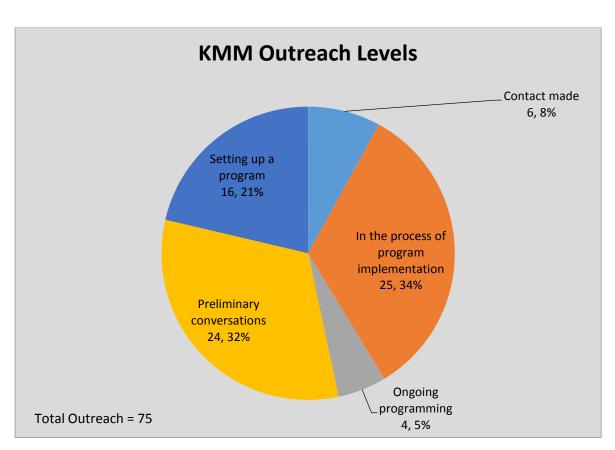
Observations

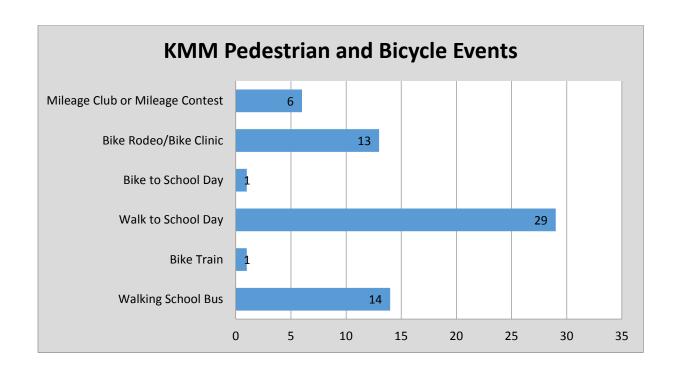
- Total number of municipalities contacted: 16 out of 25 (64%), (14.29% increase from the last report)
- Contacts at the District Level: 9
- Contacts at the School Level: 27 (12.5% increase from the last report)
- Contacts at the Municipal Level: 14 (133.33% increase from the last report)
- Contacts at any other Level: 8 (60% increase from the last report)
- All 3 Low Socioeconomic Status Communities were contacted.

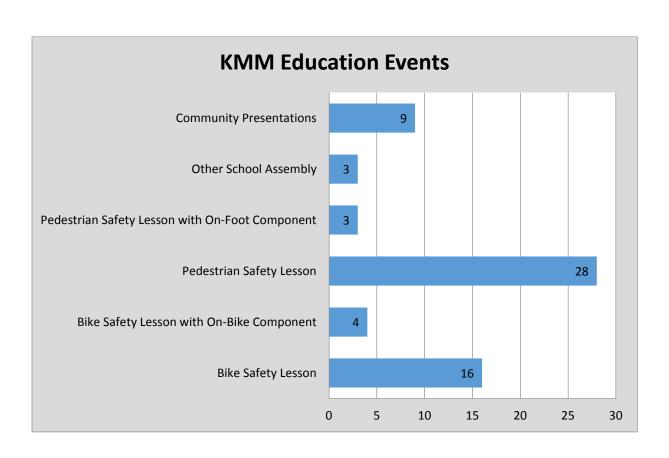
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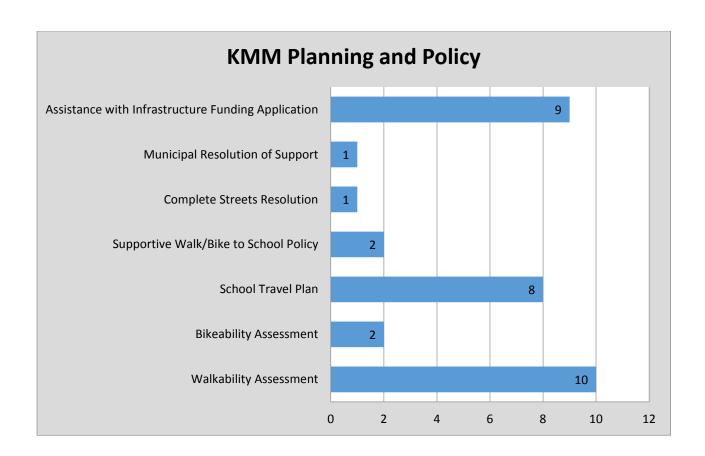
Municipality	Extent of Contact
MIDDLESEX COUNTY	
Carteret*	Municipality, 3 Schools
Cranbury Township	1 School, Municipality
Dunellen	Municipality, 1 school
East Brunswick	District, 2 Schools, Other
Edison	Municipality, 2 Schools, Other
Highland Park	Municipality, District, 2 Schools, Other
Jamesburg	1 School
Metuchen	District, Municipality, 1 school, Other
Middlesex	Municipality, 2 schools
Milltown	Municipality
Monroe	District, Municipality, Other
New Brunswick*	District, Municipality, 2 Schools and 3 Other
North Brunswick	District, 1 School, Municipality
Perth Amboy*	District, 1 school, and Municipality
Spotswood	1 school, Municipality, District, Other
Woodbridge Township	District, Municpality, 8 Schools, Other
Total: 16 Communities	

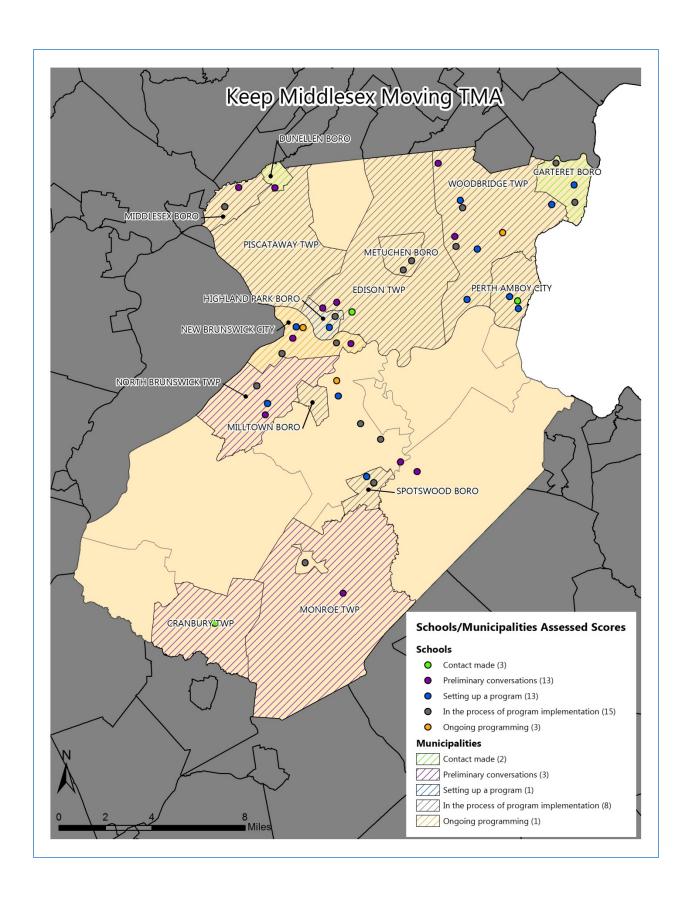


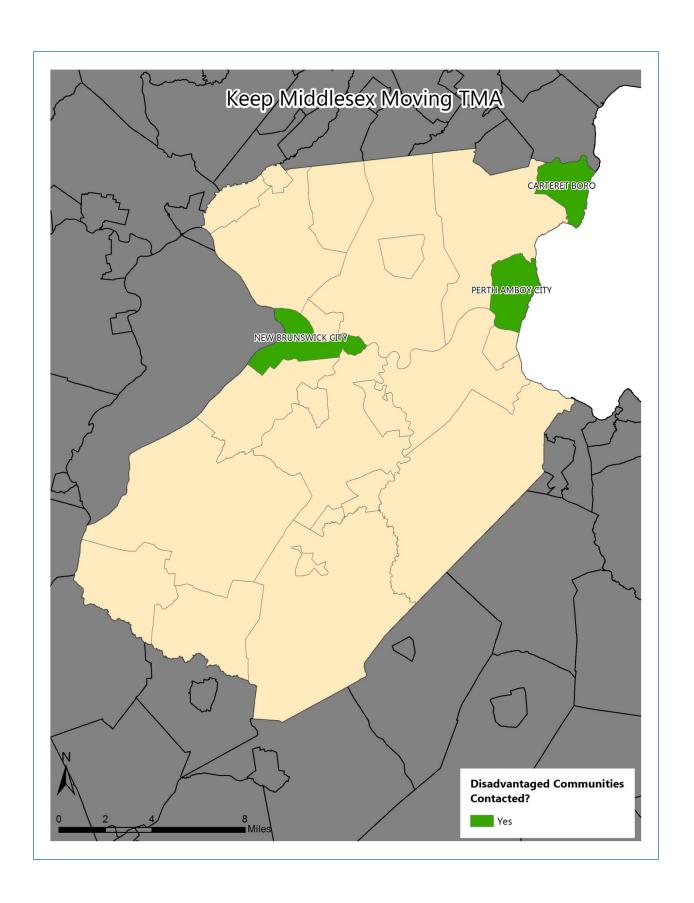


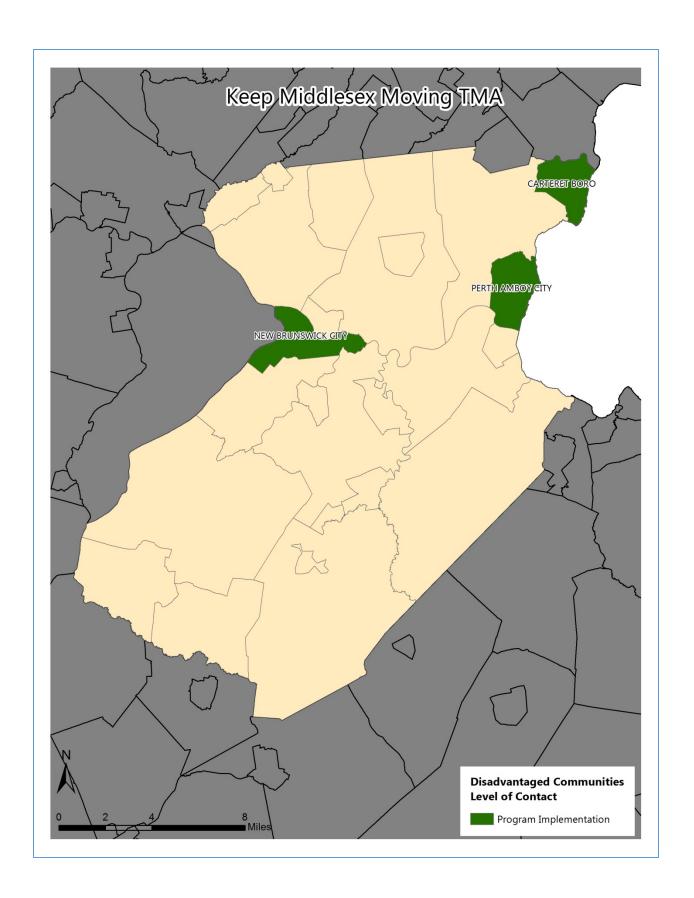












Meadowlink TMA

Outreach Progress Report as of December 2014

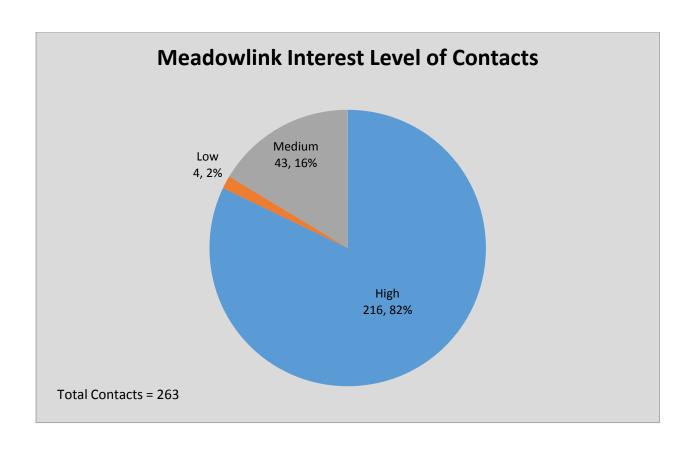
Observations

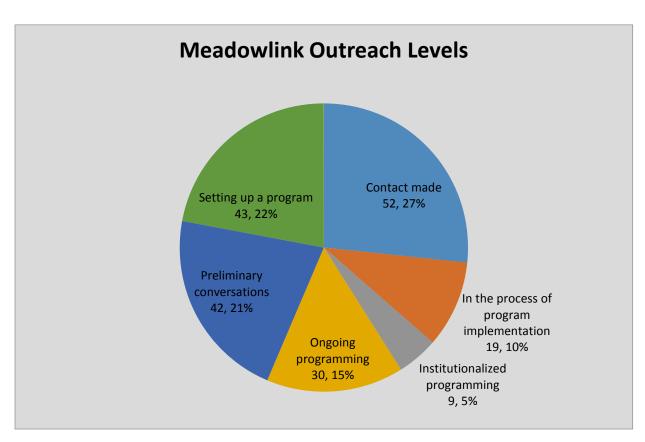
- Total number of municipalities contacted: 44 of 163 (27%) (25.71% increase from the last report)
- Contacts at the District Level: 15 (15.38% increase from last report)
- Contacts at the School Level:72 (7.5% increase from last report)
- Contacts at the Municipal Level: 15 (50% increase from last report)
- Contacts at any other Level: 8
- 17 Low Socioeconomic Status Communities contacted
- 6 Low Socioeconomic Status Communities were not contacted: Haledon Borough Prospect Park Boro, Wallington Borough, Cliffside Park Borough, Fairview Borough, and Keansburg Borough.

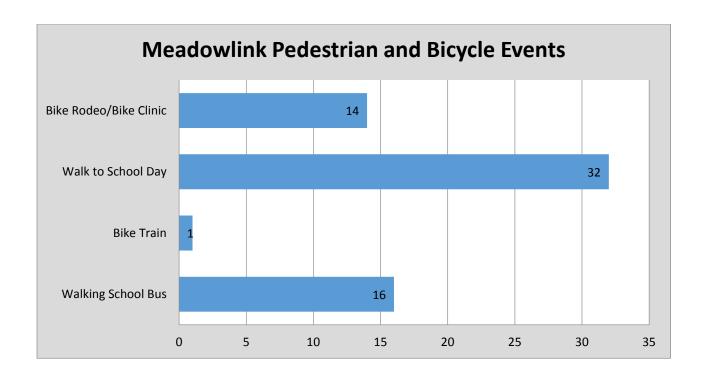
Table of Contacted Municipalities

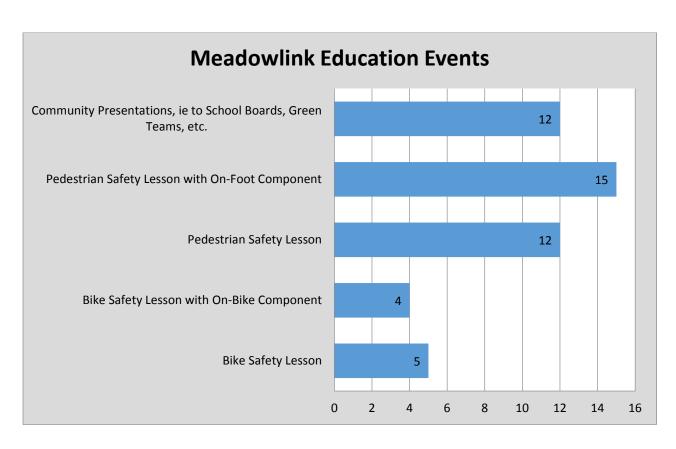
Municipality	Extent of Contact
BERGEN COUNTY	
Fort Lee	Other
Garfield*	Municipality, 3 Schools, District
Glen Rock	Municipality and District
Hackensack	Other
Hasbrouck Heights	3 Schools
Lodi*	District
Maywood	Other
Moonachie*	School
Nutley	Municipality
Ridgewood	Municipality, 9 schools
South Hackensack	School
Tenafly	Municipality
Wood Ridge	2 Schools
ESSEX COUNTY	
Belleville	Municipality, District
Bloomfield	School
East Orange*	District, 6 Schools
Glen Ridge	Municipality
Irvington*	District, 4 schools
Orange*	Municipality
Maplewood	3 Schools, Municipality

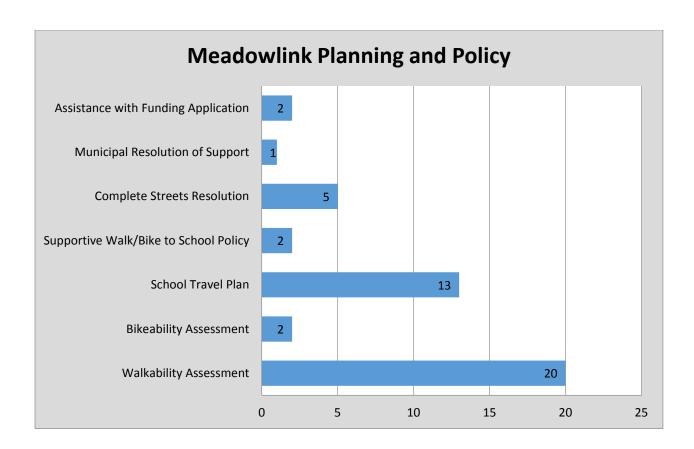
Montclair	8 Schools, Municipality
Newark*	Others and 8 School
West Orange	School
MONMOUTH COUNTY	
Asbury Park*	District, 1 School, Other
Belmar	Municipality
Fair Haven	District
Farmingdale	District
Freehold Borough*	District
Freehold Township	1 School
Long Branch*	District, 1 School
Middletown Township	Other
Neptune Township	District
Ocean Township	District
Red Bank	1 School
Shrewsbury	Municipality
PASSAIC COUNTY	
Passaic*	Municipality
Paterson*	Municipality, 6 Schools, Other
UNION COUNTY	
Cranford	2 schools
Elizabeth City*	1 School, 2 Other
Linden*	2 schools, Municipality
Mountainside	Municipality
Plainfield*	District, 1 School
Roselle*	District, 5 Schools, other
Winfield*	School
Total: 44 Communities	

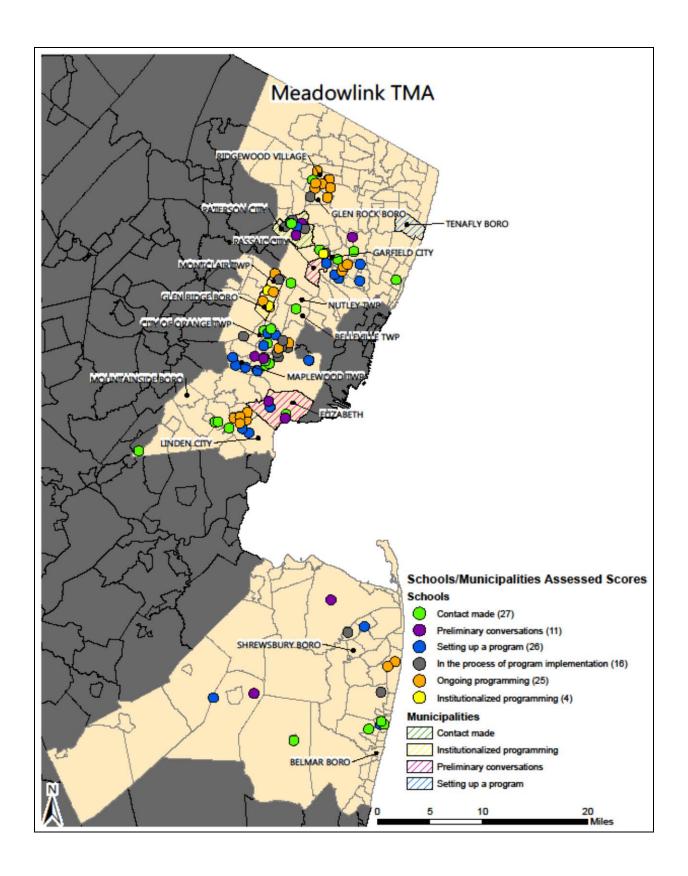


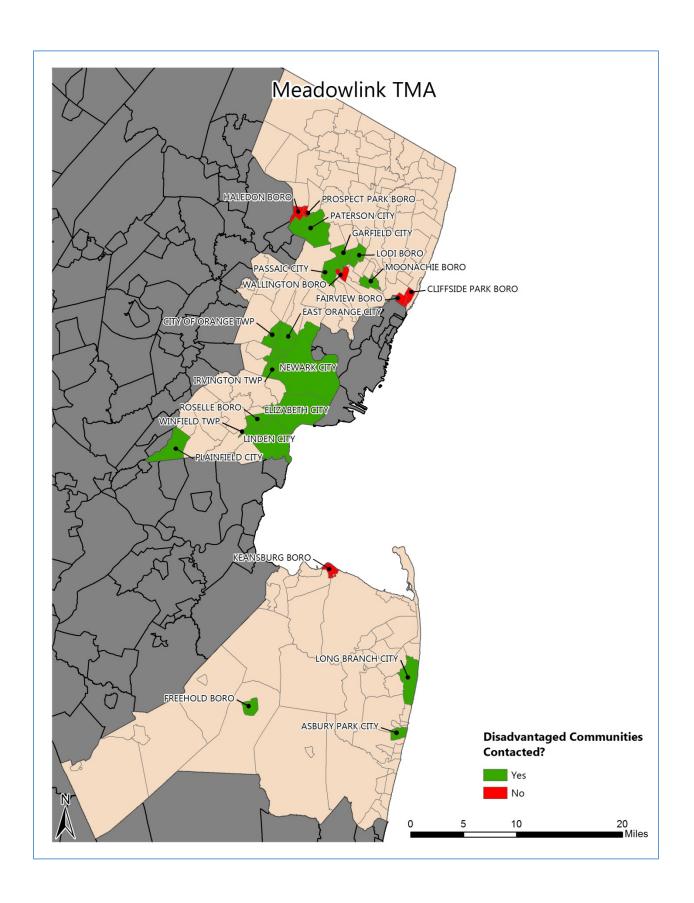


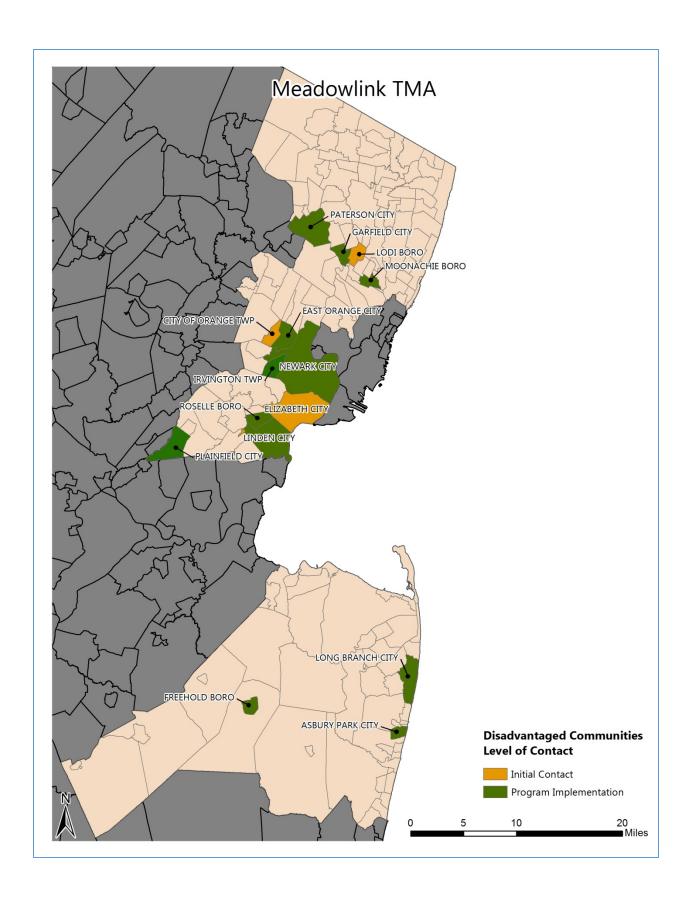












Ridewise TMA

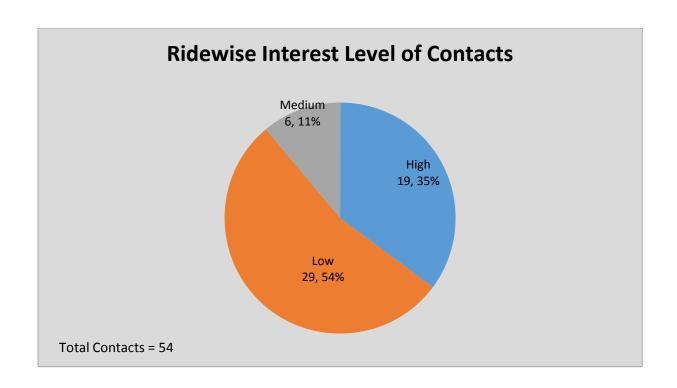
Outreach Progress Report as of December 2014

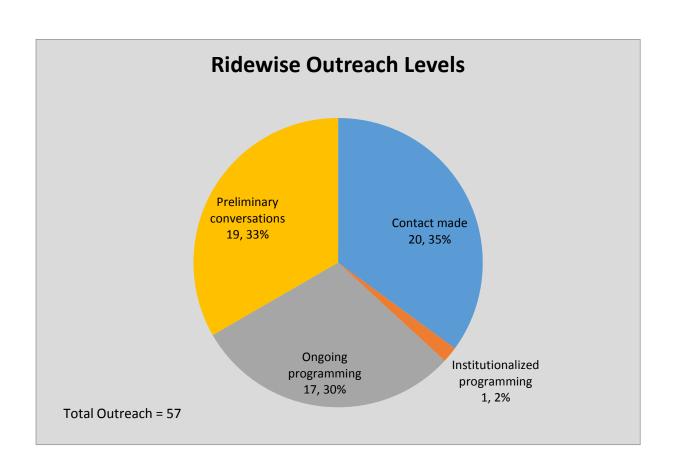
Observations

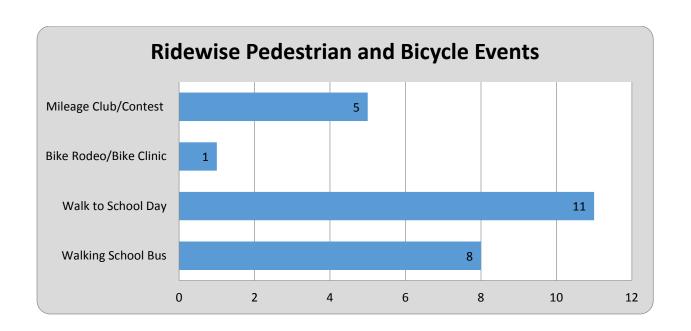
- Total number of municipalities contacted: 12 out of 19 (63.2%)
- Contacts at the District Level: 2
- Contacts at the School Level: 38 (2.7% increase from last report)
- Contacts at the Municipal Level: 8 (14.28% increase from the last report)
- Contacts at any other Level: 3
- Both (2) Low Socioeconomic Status Communities were contacted.

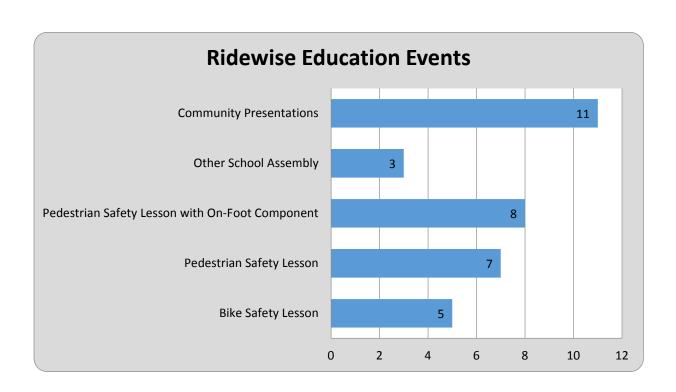
Table of Contacted Municipalities

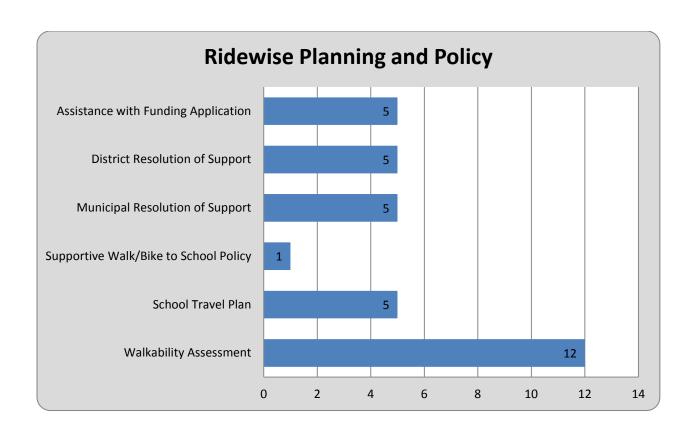
Municipality	Extent of Contact
SOMERSET COUNTY	
Bernards Township	School, Other
Bound Brook*	District , 4 Schools and Municipality
Branchburg Township	Municipality
Bridgewater Township	6 Schools, Municipality
Franklin Township	9 Schools, Municipality, Other
Green Brook Township	School
Hillsborough Township	7 Schools
Manville	3 Schools, Municipality
North Plainfield	District, 4 Schools and Municipality
Raritan	1 School
Somerville	2 Schools, Municipality, Other
South Bound Brook*	1 School, Municipality
Total: 12 Communities	

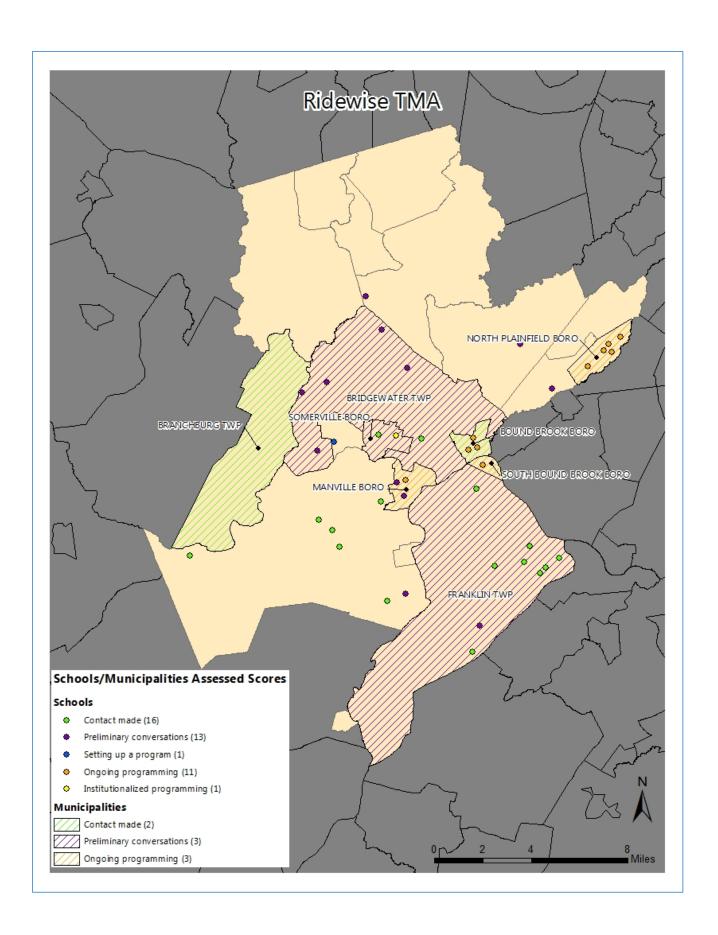


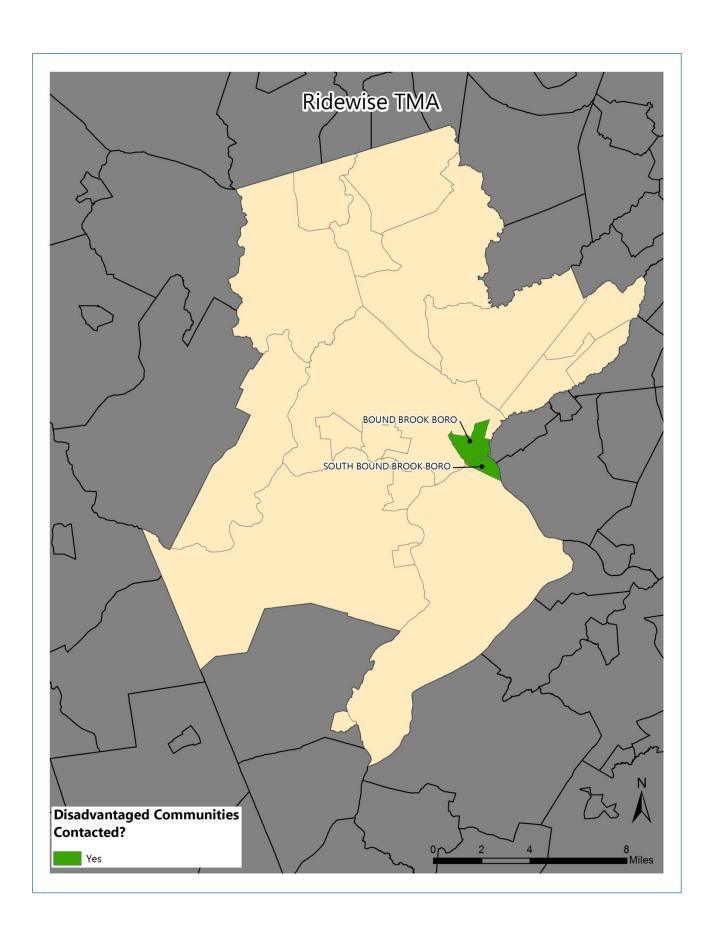


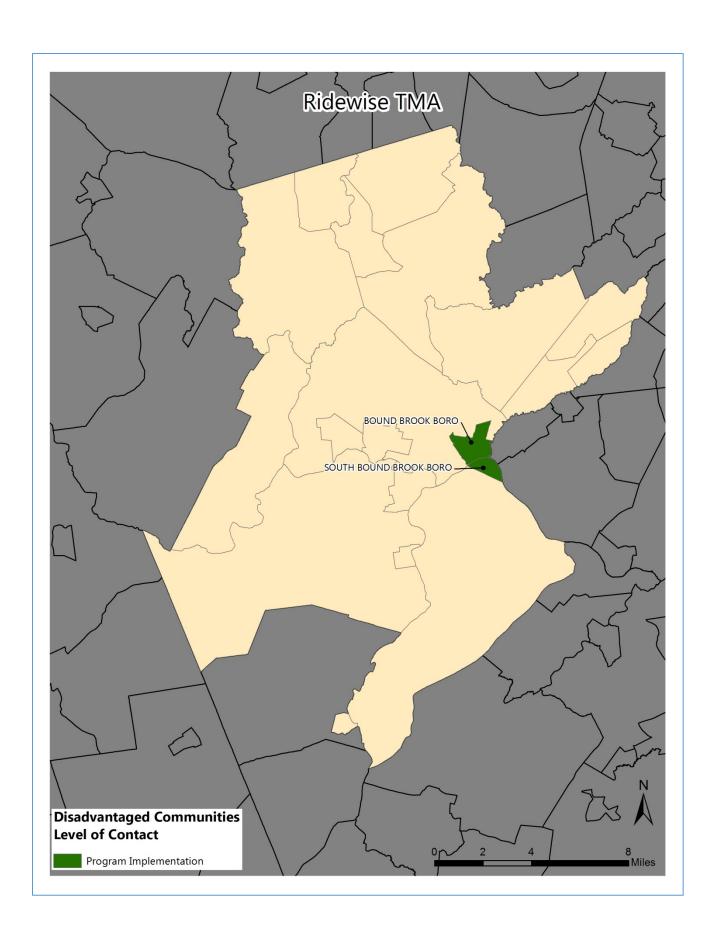












TransOptions TMA

Outreach Progress Report as of December 2014

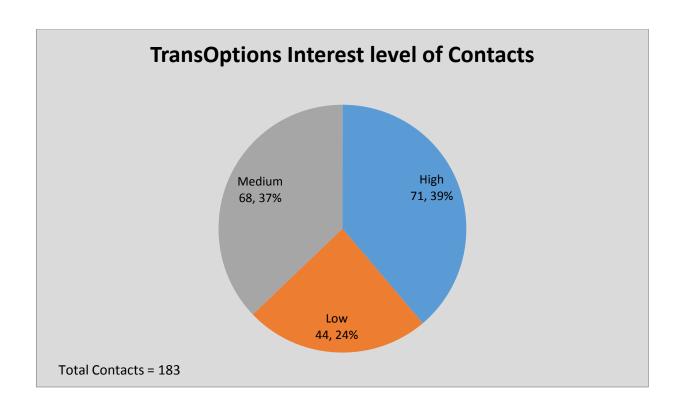
Observations

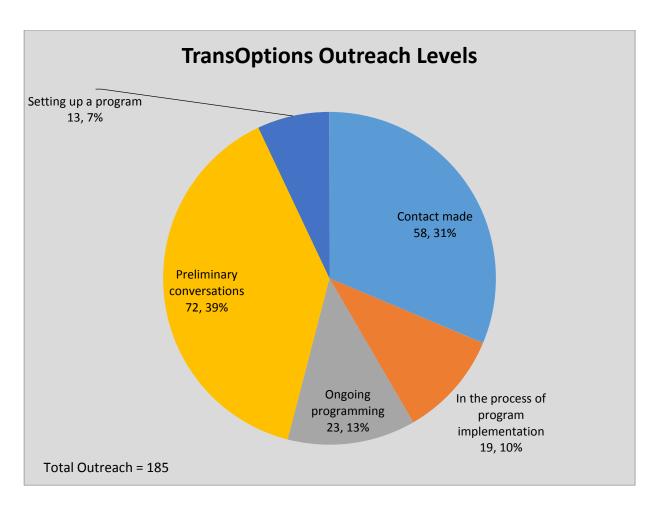
- Total number of municipalities contacted: 63 out of 104 (60.6%)
- Contacts at the District Level: 40 (5.26% increase from last report)
- Contacts at the School Level: 72 (5.88% increase from last report)
- Contacts at the Municipal Level: 15 (36.36% increase from last report)
- All 4 Low Socioeconomic Status Communities contacted

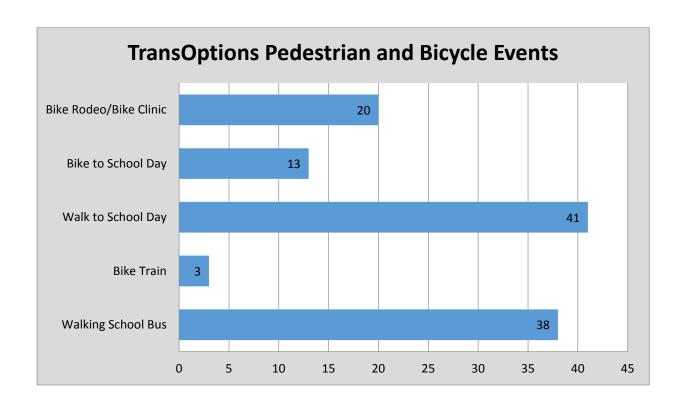
Table of Contacted Municipalities

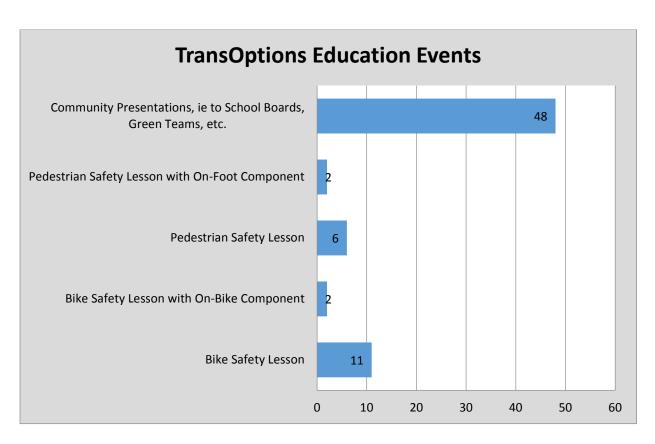
Municipality	Extent of Contact
MORRIS COUNTY	
Boonton Township	3 Schools
Butler	District
Byram Township	District
Chatham Borough	District and 7 Schools
Chatham Township	Municipality
Dover*	Municipality, and 4 Schools
East Hanover	1 School
Hanover Township	District, 4 Schools, Municipality
Lincoln Park	District
Long Hill	Municipality
Madison	District, and 4 Schools
Mine Hill Township	School
Montville	District and Municipality
Morris Plains	Municipality
Morristown	2 School
Mount Arlington	1 School
Mount Olive Township	4 Schools
Mountain Lakes	District
Netcong	Municipality and 2 Schools
New Providence	1 School
Parsippany-Troy Hills	3 Schools
Pequannock Township	1 School
Roxbury Township	Municipality and 3 Schools
Washington Township	District
Wharton	1 School
PASSAIC COUNTY	

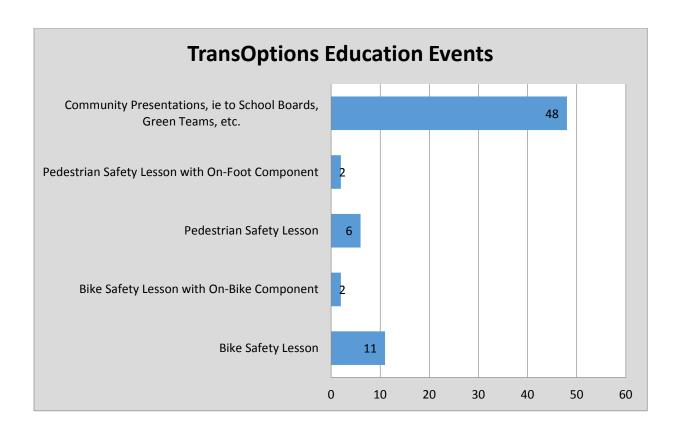
Bloomingdale	Municipality, 1 School
Little Falls	4 Schools, Municipality
West Milford	Municipality
SUSSEX COUNTY	
Andover	District
Frankford Township	District
Franklin	District
Fredon Township	District
Green Township	District
Greenwich Township	District
Hamburg	District
Hardyston Township	District
Hopatcong	3 Schools
Lafayette Township	District
Montague Township*	District
Newton	District, Municipality, and 2 Schools
Ogdensburg	School, District
Sandyston Township	District
Sparta Township	District
Stanhope	District, School
Stillwater Township	District
Sussex	District
Vernon Township	District
UNION COUNTY	
New Providence	3 Schools
WARREN COUNTY	
Alpha*	District
Belvidere	2 Schools, Municipality, District
Blairstown	School
Frelinghuysen Township	District
Hackettstown	District and 3 Schools
Harmony Township	District
Hope Township	District
Knowlton Township	District
Liberty Township	School
Lopatcong Township	District
Mansfield Township	District, Municipality
Oxford Township	District, School
Phillipsburg*	Municipality, District, and 5 Schools
Warren Township	District
Washington Township	District, 2 Schools
Total: 63 Communities	

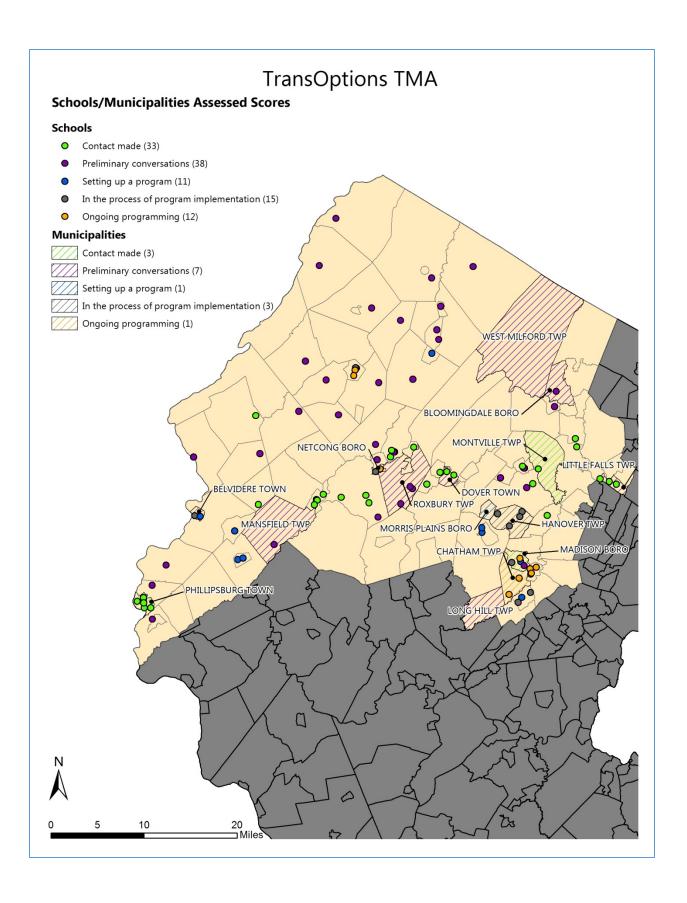


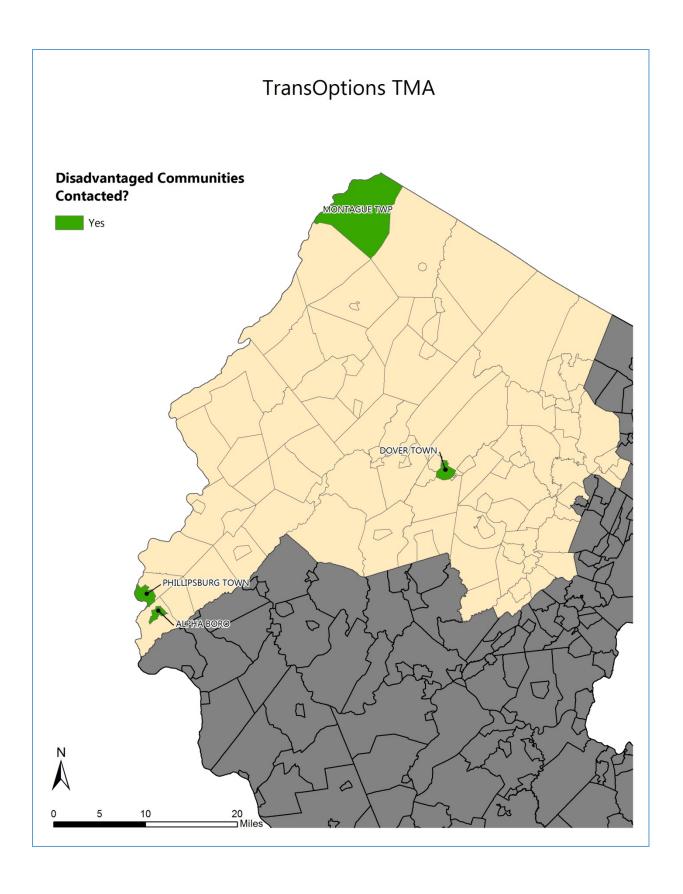


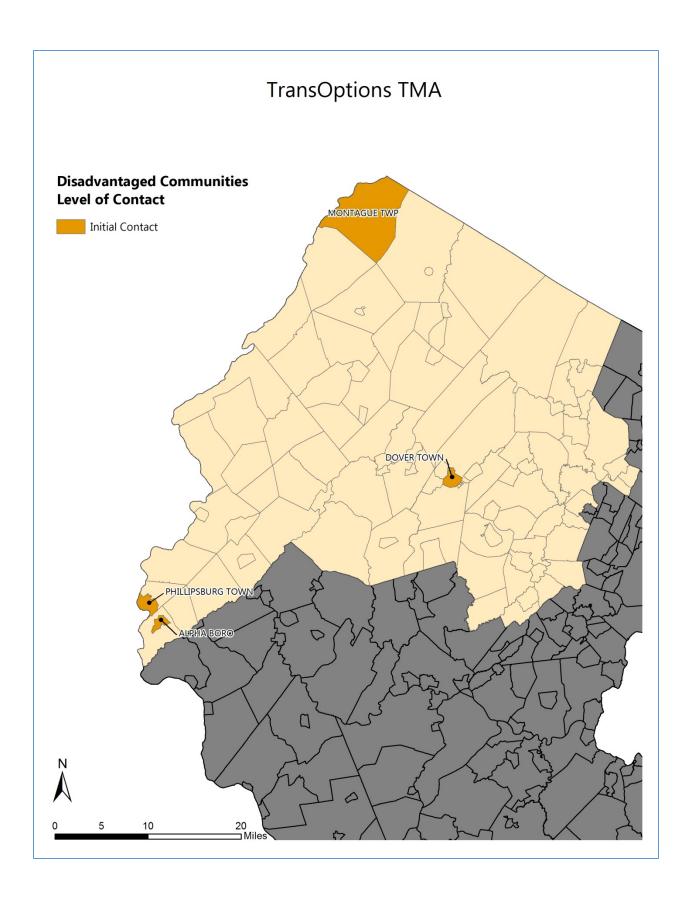












2. Performance Measures

The New Jersey Safe Routes to School Strategic Plan Update identified a mission and vision for the program as well as goals and performance measures to reflect the growth and success of the program.

The NJ SRTS goals include:

- Goal 1: Educate and encourage students, community members, schools, enforcement
 agencies, and municipalities to enhance their knowledge of safe walking and bicycling
 practices, increase their level-of-comfort with walking and cycling to school, and improve
 rates of walking and biking to school.
- Goal 2: Improve the health of school populations, communities, and the environment.
- **Goal 3**: Nurture strong partnerships and empower a network of leaders around the state to advocate for actions and policies that encourage SRTS.
- **Goal 4:** Promote and implement engineering strategies to support the SRTS program.
- **Goal 5:** Create and provide state-of-the-art tools, resources, and research to further the SRTS program.
- Goal 6: Sustain the SRTS program into the future, even in the face of uncertain funding.
- Goal 7: Monitor and evaluate the SRTS program's reach and effectiveness.

A total of 52 performance measures for these Goals were identified. Sources for this data include Transportation Management Associations, the New Jersey Bicycle and Pedestrian Resource Center, Sustainable Jersey, NJ Department of Transportation, and VTC. VTC organized the performance measures into four categories:

- (1) Those measures currently monitored;
- (2) Measures requiring minimal additional effort to gather information;
- (3) Measures that would be assessed through a short term project; and
- (4) Measures requiring development of a new study.

For this update report, eight performance measures of those currently monitored were tabulated and reported to reflect the integration of SRTS and related goals in municipalities across the state (see table in the following pages). The number of schools that have completed Student Arrival and Departure Tallies has increased from 27 to 37 or a 37% increase from June to December 2014. Safe Routes to School participation continues to grow throughout New Jersey.

SRTS Performance Measures By Municipality - as of December 2014

County	Municipality	School Travel Plan	Complete Streets Policy	Supportive Walk/Bike to School Policy	Arrival Departure Tally	Sustainable Jersey Points for SRTS	Sustainable Jersey Points for Complete Streets	Recognition Program Participants	SRTS Grantees Infrastructure	∾ Totals
Atlantic	Atlantic City		X				x			2
Atlantic	Absecon				Х			X		2
Atlantic	Brigantine City					х	Х		Х	3
Atlantic	Buena Borough		Х							1
Atlantic	Egg Harbor City	х		x				x	х	4
Atlantic	Galloway Township							X	Х	2
Atlantic	Hammonton Town		х				х	×		3
Atlantic	Linwood City		х			х	х		Х	4
Atlantic	Margate City	х	Х				x			3
Atlantic	Northfield City			-					Х	1
Atlantic	Pleasantville City		х					x		2
Atlantic	Somers Point		Х					Х		2
Bergen	Allendale Borough								х	1
Bergen	Bergenfield Borough		X				x		X	3
Bergen	Closter Borough								Х	1
Bergen	Demarest Borough								X	1
Bergen	Emerson Borough		х							1
Bergen	Englewood City								Х	1
Bergen	Fort Lee Borough		х				Х		Х	3
Bergen	Garfield City		x				- 7	х	x	3
Bergen	Glen Rock Borough					х				1
Bergen	Hackensack City		х			^				1
Bergen	Hasbrouck Heights		_ A						х	1
Bergen	Maywood Borough		Х						_^	1
Bergen	Montvale Borough		X						х	2
Bergen	Moonachie		^					х	_ ^	1
Bergen	New Milford		х							1
Bergen	Northvale		X							1
Bergen	Oakland Borough								х	1
Bergen	Old Tappan Borough						Х		_^	1
Bergen	Oradell Borough					х	_^			1
Bergen	Palisades Park Borough					^			Х	1
Bergen	Ridgewood Village		х		х			х	X	4
Bergen	River Edge Borough		X		^		х	^	x	3
Bergen	Rutherford Borough		X				_ ^			1
Bergen	Tenafly Borough		x		Х				Х	3
Bergen	Wallington				X					1
Bergen	Wood-Ridge							Х		1
Burlington	Brown Mills							X		1
Burlington	Burlington City								x	1
Burlington	Chesterfield Township					х		X		2
Burlington	Edgewater Park							X	Х	2
Burlington	Lumberton Township								X	1
Burlington	Maple Shade Township				X				X	2
Burlington	Medford Township		х							1
Burlington	Mount Holly Township							х	х	2
Burlington	Pemberton Township	x				x		x		3
Burlington	Riverton Borough								х	1
Burlington	Southampton Township	х		х		х		х	X	5
Camden	Camden City	x	х	,	х	^	х		x	5
Camden	Cherry Hill		X				X			2
Camden	Collingswood Borough	х						X	х	3
Jamach	Comingonova Dolougil	^						^	^	v

Disadvantaged communities are indicated in bold

Camden	County	Municipality	School Travel Plan	Complete Streets Policy	Supportive Walk/Bike to School Policy	Arrival Departure Tally	Sustainable Jersey Points for SRTS	Sustainable Jersey Points for Complete Streets	Recognition Program Participants	SRTS Grantees Infrastructure	v Totals
Camden	Sent Control of the C				0, 2 0,		", "				2
Camden	100.000.000			Α.	v		v		v	Y	
Camden Lawnside Borough				Y	^		^		^	^	
Camden				^					Y		
Camden									^		
Camden											
Camden											
Camden											
Cape May		Ü	v		v			-			
Cape May Middle Township			^	v	_^		v	v			
Cape May							_ ^	_ ^		^	
Cape May										v	_
Cape May Wildwood City X				40.00		v				^	
Cape May Woodbine Borough X						Α					
Cumberland Bridgeton City			v		v				v	v	
Cumberland Downe Township		To the state of th	Α	Α	_ ^						10.0
Cumberland Vineland City				v							
Essex			v						v	v	
Essex		A THE COLUMN THE PROPERTY OF THE PARTY OF TH						v			
Essex								X			
Essex										Х	
Essex											
Essex							×		v		
Essex											
Essex Millibum Township									v	v	
Essex Montclair Township X	Name and Address of the Owner, when the Owner, which the O							×	X	X	
Essex Newark City x			.,					ν.	v	v.	
Essex	Processor and the second				_^			_ ^			
Essex			^	^						10.00	
Essex				v				v		^	
Essex								_ ^			-
Gloucester Clayton Borough											
Gloucester East Greenwich Township X				^						v	_
Gloucester Mantua Township X											
Gloucester National Park Borough				v						^	
Coloucester Woodbury City X				^					Y		
Gloucester Woolwich Township X				Y				v	^		
Hudson								_^			
Hudson				^						v	
Hudson Jersey City x x x x 4 Hudson Kearny Town x 1 x 1 Hudson Secaucus Town x 2 x 2 Hudson Union City x x 2 Hudson West New York Town x 1 Hunterdon Bethlehem Township x x 1 Hunterdon Bloomsbury Borough x x x x 3 Hunterdon Califon Borough x x x x x 5 Hunterdon Flemington Borough x x x x x x 5				V				v	^		
Hudson Kearny Town x 1 Hudson Secaucus Town x 2 Hudson Union City x x 2 Hudson West New York Town x 1 Hunterdon Bethlehem Township x 1 Hunterdon Bloomsbury Borough x x x 3 Hunterdon Califon Borough x x x x 5 Hunterdon Clinton Town x x x x x 5 Hunterdon Flemington Borough x x x x x 5									Y	Y	4
Hudson Secaucus Town x x 2 Hudson Union City x x 2 Hudson West New York Town x 1 Hunterdon Bethlehem Township x 1 Hunterdon Bloomsbury Borough x x x 3 Hunterdon Califon Borough x x x x 5 Hunterdon Clinton Town x x x x x 5 Hunterdon Flemington Borough x x x x x 5				^				_^		^	
Hudson Union City x 2 Hudson West New York Town x 1 Hunterdon Bethlehem Township x 1 Hunterdon Bloomsbury Borough x x x 3 Hunterdon Califon Borough x x x x 5 Hunterdon Clinton Town x x x x x 5 Hunterdon Flemington Borough x x x x x 5				· ·					^		
Hudson West New York Town x 1 Hunterdon Bethlehem Township x 1 Hunterdon Bloomsbury Borough x x x 3 Hunterdon Califon Borough x x x x 5 Hunterdon Clinton Town x x x x x 5 Hunterdon Flemington Borough x x x x x 5	Secretaria de la companione de la compan							_^	v		
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Hunterdon Bloomsbury Borough x x x 3 Hunterdon Califon Borough x x x x 5 Hunterdon Clinton Town x x x x x x 5 Hunterdon Flemington Borough x x x x x 5									У	^	
Hunterdon Califon Borough x x x x x 5 Hunterdon Clinton Town x x x x x x x 5 Hunterdon Flemington Borough x x x x x 5			y			v					
Hunterdon Clinton Town x x x x x 5 Hunterdon Flemington Borough x x x x x 5				v	v						
Hunterdon Flemington Borough x x x x x 5				Α			v			ν.	
				v		V	Х			X	
Hunterdon Franklin Township V I V I V	Hunterdon	Franklin Township	X		Х	X		v	X		2
			v		v	v	v		V		7

County	Municipality	School Travel Plan	Complete Streets Policy	Supportive Walk/Bike to School Policy	Arrival Departure Tally	Sustainable Jersey Points for SRTS	Sustainable Jersey Points for Complete Streets	Recognition Program Participants	SRTS Grantees Infrastructure	ν Totals
County	The state of the s		ဝဖ		∢ □	o ¬ ₽	8748	~ ~ ~	SE	_
Hunterdon	Hampton Borough	Х		Х	747					
Hunterdon	High Bridge Borough	Х	tree	Х	Х					3
Hunterdon	Lambertville City	X	Х	Х	Х	Х	Х	Х		7
Hunterdon	Lebanon Township	X		Х				Х		3
Hunterdon	Milford Borough	X	22.00	Х	Х			Х	Х	5
Hunterdon	Raritan Township	X	Х	Х		Х	Х		Х	6
Hunterdon	Stockton Borough	X		Х	Х			X		4
Mercer	East Windsor Township	X	Х		Х					3
Mercer	Ewing Township		Х							1
Mercer	Hamilton Township								Х	1
Mercer	Hightstown Borough	X	Х				Х		Х	4
Mercer	Hopewell Borough	X	X							2
Mercer	Hopewell Township		х							1
Mercer	Lawrence Township	Х	Х				х			3
Mercer	Pennington Borough		Х						Х	2
Mercer	Princeton Township	X	Х				Х		Х	4
Mercer	Robbinsville	X	Х							2
Mercer	Trenton City	x	x		x		x			4
Mercer	West Windsor Township		х							1
Middlesex	Cranbury Township								Х	1
Middlesex	Dunellen Borough			х						1
Middlesex	Highland Park Borough		Х	-			X		Х	3
Middlesex	Jamesburg Borough								X	1
Middlesex	Metuchen Borough		х	х	X		Х		X	5
Middlesex	Middlesex			~				х	X	2
Middlesex	Milltown Borough				Х			Α		1
Middlesex	North Brunswick Township				X				Х	2
Middlesex	New Brunswick City	х	х		x				x	4
Middlesex	Perth Amboy City	^	x		x					2
Middlesex	Plainsboro Township		X				v			2
Middlesex	South Brunswick						Х			1
Middlesex			X		.,					5
	Woodbridge Township		Х		X	Х	Х	X		
Monmouth	Sea Bright		Х							1
Monmouth	Fair Haven Borough		Х							1
Monmouth	Farmingdale							Х		1
Monmouth	Freehold Borough		х		X				Х	3
Monmouth	Hazlet Township								Х	1
Monmouth	Long Branch City							х		1
Monmouth	Manasquan								Х	1
Monmouth	Neptune Township								Х	1
Monmouth	Red Bank Borough		Х							1
Monmouth	Shrewsbury Borough					Х		Х		2
Monmouth	Union Beach Borough								Х	1
Morris	Boonton Town								Х	1
Morris	Chatham Township	Х			Х	Х		Х	Х	5
Morris	Chatham Borough		Х			Х	X	Х	Х	5
Morris	Chester Township		х							1
Morris	Denville Township		Х							1
Morris	Dover Town		x							1
Morris	Hanover Township				Х					1
Morris	Lincoln Park Borough								Х	1
Morris	Long Hill Township		Х							1

County	Municipality	School Travel Plan	Complete Streets Policy	Supportive Walk/Bike to School Policy	Arrival Departure Tally	Sustainable Jersey Points for SRTS	Sustainable Jersey Points for Complete Streets	Recognition Program Participants	SRTS Grantees Infrastructure	→ Totals
Morris	Madison Borough		Х	.,,		Х	. ,	X	Х	4
Morris	Mine Hill Township								X	1
Morris	Morristown Town		х				Х		X	3
Morris	Mount Arlington Borough		X				x			2
Morris	Mount Olive Township						X			1
Morris	Mountain Lakes Borough					Х				1
Morris	Netcona Borough	х	х	х		^		Х	Х	5
Morris	Parsippany Troy-Hills	^	^	^	Х			^	X	2
Morris	Randolph		х						^	1
Morris	Wharton Borough	Х	^						х	2
Morris	Whippany	^			X				^	1
Ocean	Brick Township	V		v	Α			v	x	4
		Х	v	Х				X	X	1
Ocean	Harvey Cedars Borough		Х						12.0	
Ocean	Island Heights								Х	1
Ocean	Jackson							Х		1
Ocean	Lacey Township		Х							1
Ocean	Lakewood Township		Х							1
Ocean	Little Egg Harbor								x	1
Ocean	Point Pleasant Beach		Х							1
Ocean	Point Pleasant Borough		Х							1
Ocean	Toms River Township		Х							1
Passaic	Clifton City								Х	1
Passaic	Paterson City				X					1
Passaic	Wayne Township								Х	1
Salem	Elmer Borough								Х	1
Salem	Penns Grove Borough							x		1
Somerset	Bedminster Township		х							1
Somerset	Bernardsville Borough	Х							Х	2
Somerset	Bound Brook Borough							x		1
Somerset	Far Hills		х							1
Somerset	Hillsborough Township		х				x			2
Somerset	Manville Borough							Х		1
Somerset	Montgomery Township		х							1
Somerset	North Plainfield Borough	х	Α					Х		2
Somerset	Raritan Borough		х							1
Somerset	Somerville Borough		^	х				Х	х	3
Somerset	South Bound Brook			^				X		1
Sussex	Franklin Borough							^	х	1
Sussex	Hopatcong Borough								^	1
Sussex	Newton Town		X	х				V	v	3
Sussex	Ogdensburg Borough			Х				X	X	
	Oxford Township							Х	Х	1
Sussex	Cranford Township	X	.,			100	300			
Union		v	X		**	Х	Х			3
Union	Elizabeth City	Х	Х		х				Special Control	3
Union	Fanwood Borough		Х						Х	2
Union	Garwood Borough								Х	1
Union	Linden City		х		х			X	Х	4
Union	New Providence Borough		Х		X			X	X	4
Union	Roselle Borough		X					Х	Х	3
Union	Roselle Park Borough								Х	1
Union	Scotch Plains				Х					1
Union	Summit City		X				X			2

County	Municipality	School Travel Plan	Complete Streets Policy	Supportive Walk/Bike to School Policy	Arrival Departure Tally	Sustainable Jersey Points for SRTS	Sustainable Jersey Points for Complete Streets	Recognition Program Participants	SRTS Grantees Infrastructure	Totals
Union	Westfield Town		Х						Х	2
Warren	Alpha Borough								х	1
Warren	Belvidere							Х		1
Warren	Blairstown Township								Х	1
Warren	Franklin Township								Х	1
Warren	Greenwich Township								Х	1
Warren	Hackettstown Town		Х							1
Warren	Oxford Township	X			Х			Х		3
Warren	Washington							X		1
	Totals	40	112	23	37	22	43	66	101	444

3. October Walk & Bike to School

October 8, 2014 marked International Walk and Bike to School Day, however, students and parents all over New Jersey walked and bicycled to school and participated in walk and bike events throughout the month of October! Below are summaries of a few of the events and activities the Safe Routes to School Regional Coordinators from the state's eight Transportation Management Associations (TMAs) organized and implemented. SRTS events registered on the International Walk Bike to School (iWalk) website at www.walkbiketoschool.org totaled 149 events in New Jersey. Many of them were Walk to School Days, however, some of the events included walking school buses, safety presentations and a poster contest.

Cross County Connection Transportation Management Association: Schools throughout Atlantic, Camden and Burlington counties participated in October Walk and Bike to School



Students in Margate participate in walk to school

many of the students at the Eugene A. Tighe Middle School and William H. Ross Elementary School by walking or riding their bicycles to

school. Parents were happy to participate even if they drove part of the way, parked their cars and walked with their children the

rest of the way to school.

Greater Mercer Transportation

Management Association: Greater Mercer TMA had a great turnout for Walk and Bike to School Month with four schools participating in walking events in Mercer County and two schools in Ocean County participating.

Lawrence Intermediate School's "Walk

Month. Support and assistance from Safe Kids. the Brain Injury Alliance and various green teams was key to the success. Stickers and a raffle from the PTO supported the events.

In Margate, Cross County Connection and the city's green team, Sustainable Margate, partnered to improve student's physical activity and help them learn pedestrian and bicycle safety to better equip them to walk and bike to school. A Safe Routes to School Committee was established and promoted the idea of walking or biking to school and celebrated International Walk to School Day on Oct. 8 with



Greater Mercer TMA's SRTS Coordinator Jerry Foster quizzes students on bike safety

This Way" event included a quiz wheel with facts about bike and pedestrian safety as well as a visit from Trenton Thunder's mascot, Boomer.

Maurice Hawk Elementary School in West Windsor celebrated International Walk to School Day with the Principal and the Hawk, the school's mascot, by leading parents and children from the West Windsor Municipal Center to the school. Lavallette School also participated in International Walk to School Day followed by a safety presentation on safe walking and bicycling.

HART Transportation Management Association:

Twelve Hunterdon County elementary and intermediate schools arrived to school via a "walking school bus" joining with thousands of schools around the world in recognition of International Walk to School 2014. More than 1100 students in Bloomsbury, Califon, Clinton, Flemington, Frenchtown, Hampton, High Bridge, Lambertville, Lebanon, Milford, Raritan Township, and Stockton with parents, teachers and community leaders along designated, chaperoned "walking school bus" routes walked to school. Many Hunterdon schools used International Walk to School Week as the kick off to regular weekly or



Students walk to school in Hunterdon County

monthly walking school bus "walks" to school, frequent walker programs, "Golden Sneaker" award challenges, ongoing pedestrian and bicycle safety education and awareness initiatives.

Ridewise Transportation Management Association: October Walk and Bike to School Week included rolling out the Miles that Matter walking challenge program to North Plainfield School District by awarding trophies to recipients who walked the most and thereby achieving carbon



Jim Crane, SRTS Coordinator for Ridewise is interviewed on CNN for Somerville's Walking School Bus.

reduction. A walking school bus launched in South Bound Brook where participation doubled from 40 kids last year to 80 kids this year and the program continues to expand.

Ridewise TMA also had great coverage on CNN regarding the walking school bus at Van Derveer Elementary School in Somerville during Walk and Bike to School Week. The Walking School bus has been running strong since 2003 when courtesy busing cuts required students to walk or bike to school. Check out the video at the following website

address: http://www.cnn.com/video/data/2.0/video/living/2014/10/07/walking-school-bus.cnn.html

Keep Middlesex Moving Transportation Management Association: Walk to school events involved 12 and 20 schools throughout Middlesex County. Edison, Highland Park, Metuchen, Middlesex, Perth Amboy, Piscataway, Spotswood and Woodbridge were among those who registered their walk to school event on the International Walk Bike to School website at walkbiketoschool.org. Police from various municipalities were involved in creating safe environments for the large number of students who came participated in the walking and bicycling to school events. They also greeted students walking and gave a short pedestrian safety presentation to the students.

Meadowlink Transportation Management Association: Over 50 schools participated throughout the service area that Meadlowlink services including Bergen, Essex, Monmouth, Passaic and Union Counties. Asbury Park in Monmouth County had over 200 students participate in Walk to School Day. Promotion of the event through email and flyers increased participation.

TransOptions Transportation Management Association: Over 22 schools participated in Walk and Bike to School Day throughout the service region covered by TransOptions which covers Morris, Sussex, Union and Warren Counties. New Providence school district had over 1000 students participate in walk to school events. Morris Plains and Stanhope also had walk to school events and in Stanhope half of the school participated.

In Montclair, students and families celebrated International Bike & Walk to School Day and Crossing Guard Appreciation Day. The Montclair Police Department and Bike and Walk Montclair collaborated to present to present a visual demonstration of a protected bike lane for students. Two blocks of the street leading up to Renaissance Middle School were designated as Montclair's first protected Bike Lane to commemorate this occasion. The protected lane was usable from 6:30 to 9:30 am and was staffed by police officers and separated from traffic by safety cones, temporary lane markings, and fall décor. Bike and Walk to school was also celebrated at other district schools in

Montclair, as well. Crossing Guard Appreciation



Pop-up bike lanes were installed in Montclair

Day was also celebrated as a reminder to students and their families to thank crossing guards for keeping children and community members safe on their way to and from school each day.

Hudson Transportation Management Association: Walk and Bike to School Week was celebrated throughout Hudson County. Whitney M Young Jr Elementary School in Jersey City organized a parade for walking, a bike rally for students to bicycle to school, as well as safety programs for both walking and bicycling to school. Buster the Bus from MTA greeted the students and provided support for walking and bicycling events.

4. NJ SRTS on the Local and National Stage

Seeking to showcase the New Jersey Safe Routes to School program, staff from the Alan M. Voorhees Transportation Center (VTC) has continually sought opportunities to provide presentations about Safe Routes to School resources, research, and programs at statewide and national conferences. Some of the presentations given by the VTC staff of the New Jersey Safe Routes to School Resource Center during the report period are discussed below.

ProWalk/ProBike/ProPlace Conference

Staff from VTC was very busy at the 2014 ProWalk/ProBike/ProPlace Conference held in Pittsburgh in September. Collaborating with partners from throughout the country, VTC staff organized and developed seven conference session presentations based upon VTC research, projects, and programs.

During the interactive poster presentation sessions, Sean Meehan discussed a poster called "Safe Crossings: The New Jersey Crossing Guard Research and Training Program." The poster described the development of the statewide crossing guard training program in New Jersey, lessons learned during the pilot year of the training program, and how statewide crossing guard training will proceed into the future. Working with Andrew Lappitt, SRTS Regional



Coordinator from TransOptions TMA, Sean also developed a poster called "Strong, Successful, Statewide: Growing SRTS Throughout the State." Sean and Andrew used the poster to highlight the experiences of the New Jersey SRTS program as it reorganized, built capacity and broadened outreach throughout the state by providing a Statewide Resource Center, engaging regional coordinators, and offering wide-range training to focus the SRTS program and deliver comprehensive statewide technical assistance. The poster discussed success with increasing program participation, growing the number of walking and bicycling events, and increasing outreach to diverse communities.

While at the ProWalk/ProBike/ProPlace conference, Leigh Ann Von Hagen and Sean Meehan each led a "Peer to Peer Problem Solving" session. During these sessions, Sean and Leigh Ann led small group discussions with conference delegates to address challenges they are facing in their communities. Sean's session was called "Walking and Bicycling for Everyone: Increasing Inclusion of Children with Disabilities and Special Needs." The negative effects of childhood

obesity is a national crisis, however children with disabilities are at an even greater risk for obesity since their symptoms may impact their abilities. Opportunities for physical activity through involvement in youth walking and cycling programs are not always provided. Increasing involvement of children with disabilities comes with many challenges including ensuring proper supervision, accommodating physical and emotional challenges, and convincing hesitant parents to allow participation. Sean's conversation outlined the problem and generated discussion focused on determining methods and strategies to broaden efforts and outreach to include children with disabilities in walking and bicycling programs.

Leigh Ann's "Peer to Peer Problem Solving" session was called "Getting Past 'No': Encouraging Parents to let their Children Walk and Bike." Some of the top barriers toward getting more children to embrace walking and biking as a daily activity are the real and perceived traffic and personal safety concerns of their parents. During this session, Leigh Ann lead a collaborative discussion about risk perception, safety concerns and getting past the "the world is a different place these days," and "it is too dangerous out there" viewpoints, with the goal of discussing strategies that can influence parents' decisions to encourage their children to walk and bike.

Sean Meehan and Leigh Ann Von Hagen worked together as part of a panel discussion regarding including health in transportation decisions, giving a presentation entitled "Health and



Transportation: Perfect Together." The session detailed efforts in two states to incorporate health into the transportation planning process and in all policies. A representative from the Nashville Area Metropolitan Planning Organization discussed health projects including their investment strategy for the inclusion of health in the evaluation of projects. Leigh Ann and Sean described efforts in establishing a Health Impact Collaborative using Health Impact Assessments to make practical recommendations for decision-makers to ensure that projects contribute to

healthier communities. Following the presentations, Leigh Ann and Sean led an interactive Health Impact Assessment exercise focusing on the Elizabethport Safe Routes to School program in Elizabeth New Jersey.

Leigh Ann Von Hagen gave a presentation called "Policies for Pupils: Working with School Boards on Walking and Bicycling Policies." Engaging schools in walking and bicycling efforts can be difficult given competing curriculum, overextended teachers, busy administrators, and frequent staff and volunteer turn-over. Strong policies passed by Boards of Education allow school districts to have a significant impact in each school. Leigh Ann's presentation focused on familiarizing attendees with school districts and Boards of Education, identifying their priorities and providing practitioners with an overview of strategies for influencing school boards.

Attendees also learned about various policy opportunities at the district level and were introduced to a free online workbook for customizing their own policies.

Leigh Ann Von Hagen and Shannon Sweeney collaborated on a session called "What Do the Kids Say" regarding youth perspectives on biking and walking. With research focusing mostly on adults, little is known about children's risk perceptions of their environment. These perceptions may be an important link to understanding and influencing their current and future travel decisions. During this session, Leigh Ann and Shannon discussed their study in which over 700 students in New Jersey rated built environment images as part of a structured classroom discussion aimed at better understanding their perceptions. The session explored the lessons learned from the classroom discussions and invited discussion regarding the themes of risky versus safe behavior that emerged and how they can be used to formulate strategies to encourage more bicycling and walking.

Building Healthy, Equitable Communities Conference

For the third year, the New Jersey Partnership for Healthy Kids (NJPHK) and its community partners hosted a statewide conference in December that focused on providing individuals with tools and best practices to help incorporate health equity into policies and practices to build healthier communities. Leigh Ann Von Hagen developed and participated as part of a panel

presentation called "Community Health and Urban Planning: Stronger Together." The session discussed how health and planning practitioners are finding common ground in implementing projects and policies that address healthy behaviors, the built environment, and quality of life. The session presented real situations where health and chronic disease prevention goals are utilized to help influence land use, transportation and the built environment, focusing on Complete Streets, Safe Routes to School, Play Streets, Ciclovia, Urban Gardening, Food Deserts, and Health Impact Assessments.



Crossing Guard webinar for the National Center for Safe Routes to School

In August, Catherine Bull presented a webinar about the New Jersey School Crossing Guard training and Resources program for the National Center for Safe Routes to School. Catherine co-presented with the School Safety Coordinator from Phoenix Arizona to present examples of



city and school district collaboration, and provided ideas for how to address common challenges such as training, staffing shortages and selection of crossing guard locations. The focus of Catherine's presentation was to describe findings from an evaluation of existing crossing guard practices in New Jersey, discuss the roll out of our statewide training program, and review resources developed by NJ SRTS RC to help municipalities operate effective and efficient School Crossing Guard programs.

The Association of Collegiate Schools of Planning (ACSP) Annual Conference

At the ACSP conference, Shannon Sweeney gave a presentation related to research conducted by VTC entitled "Middle School Students' Perceptions of Safety: A Mixed Methods Study." This presentation focused on a VTC study that investigated children's perceptions of safety in the built environment. Although studies have reported parental perceptions, barriers and facilitators when considering how their children will travel to school (e.g. weather, traffic, and stranger danger), very little research has addressed children's perceptions of the built environment and safety. Children's perceptions, particularly those of safety, may be an important link to not only their current health and travel behaviors, but also their health and behaviors in the future. The study



found that students were consistently knowledgeable and engaged about their own safety concerns and seemed to appreciate and want their opinions to be heard. Through the utilization of mixed methods and interacting directly with students, we may be able to improve policies and

practices by better understanding children's perceptions, with the ultimate goal of increasing both the safety and rates of children's active travel.

At the same conference. Nicholas Tullach discussed another VTC study as part of his presentation entitled "Gender Differences in Youth Bicycling: Findings from a Survey of New Jersey Children." Research on bicycling has shown a persistent difference in cycling rates between men and women in the United States, but despite the growing understanding of the benefits of bicycle travel, little is known about when or why this difference emerges in a person's life. When a person establishes their bicycling habits is key toward



understanding how to address this issue. The presentation focused on discussing this studies' aim to explore the roots of gender differences in bicycling behavior as established in childhood by investigating the bicycling habits of middle schoolers in New Jersey to help determine that given an understanding of differences in bicycling by gender in adults, whether these patterns develop early in a person's life or are they a result of later life influences? The data discussed show that the opportunities for bicycling were the same for boys and girls in the sample, but girls already report bicycling less frequently than boys by middle school. Age was a factor as well, as both girls and boys bicycle less as they get older. Safety or perception of safety may be a differentiating factor even at this young age, as girls show a preference for avoiding street riding. The presentation concluded with the finding that policies and programs could be targeted at girls in particular to teach them safe riding skills for street riding and encourage parents to allow both girls and boys to ride safely in the streets.

5. Programs and Research

This section of the Update Report spotlights VTC programs and research efforts that support the New Jersey Safe Routes to School program. With the goal of establishing a comprehensive, training program to be used statewide, the extensive Crossing Guard program provides resources and training to police departments across the state that are responsible for the crossing guards who assist children with walking and bicycling to school each day. Building on the successful efforts and initiatives generated through collaborative work with NJDOT and key New Jersey stakeholders, research is conducted to better understand best practices and to develop effective tools and methods for providing decision makers with the information and support they need to make walking and bicycling to school safer in New Jersey. Below are some highlights of the Crossing Guard program and research that was performed.

New Jersey Crossing Guard Training and Resources Program



Each day, we rely on school crossing guards to make sure that our children arrive to and from school safely. However, inconsistencies among training programs can leave crossing guards without the skills or knowledge they need to effectively protect students and themselves. Without state or national standards related to training content requirements and guidelines, programs for adult school crossing guards vary substantially. In 2013, The Alan M. Voorhees Transportation Center (VTC) began to remedy this situation by developing a school crossing guard training program for crossing guard supervisors. VTC seeks to build on the training program with the goal of

establishing a comprehensive, statewide training program. In 2013, 75 traffic safety officers participated in pilot trainings in Essex, Middlesex and Burlington Counties. By the end of 2014, an additional 141 traffic safety officers from over 100 communities throughout New Jersey were trained. Trainings were held in Mercer County, Monmouth County, Bergen County, Atlantic County and Union County.

New Jersey has over 6,800 crossing guards. The training program has reached approximately one-third of New Jersey municipalities. With the adoption of the program by County Police Academies, the program will gradually have a wider effect. Bergen County Law and Public Safety Institute and Burlington County Police Academy have adopted the crossing guard training program developed by VTC for instructing some crossing guards in their regions.



To learn more about the training's effectiveness, VTC attended crossing guard training in three locations. As observers, VTC attended crossing guard training at the **Burlington County Police** Academy. VTC led one crossing guard training in September 2014 in Middletown Township with 73 crossing guards attending, and two sessions in the City of Newark with a total of 122 crossing guards. VTC representatives were able to hear crossing guard questions and concerns

in response to the training and applied those responses to inform and modify the train-the-trainer program presentation.

To supplement the training program, VTC and Civic Eye Collaborative have created a crossing guard training video, "Crosswalk Heroes: Techniques and Tactics for Crossing Guards," that supports the principal concepts of the training presentation. This training video shows best practices and techniques for crossing children safely on their way to and from school. This project has been supported by the New Jersey Department of Transportation and the New Jersey Division of Highway Traffic Safety with funding from the Federal Highway Administration. Additional funding was made available by the New Jersey Municipal Excess Joint Insurance Fund. The video will be provided on DVDs and distributed to all municipalities with crossing guards throughout New Jersey for incorporation into crossing guard training. To view the video, click http://www.njcrossingguards.org/?page_id=38.

Consistent ratings of "good" and "excellent" were offered by program participants, and the New Jersey Crossing Guard Training and Resources Program has received positive exposure and attention on the national level as well. VTC has had requests for information and material from the State of Florida; Peoria, Illinois; Madison, Wisconsin; and Overland Park, Kansas. Additionally, the Program was presented as a poster at the National ProWalk/ProBike conference held in Pittsburgh, PA in September 2014.

In 2015, with combined funding from the New Jersey Department of Transportation, the New Jersey Division of Highway Traffic Safety, and the Municipal Excess Liability Joint Insurance Fund (NJMEL-JIF) in support of the Crossing Guard Training Program, VTC will offer five crossing guard supervisor trainings. In addition, VTC will assist two large urban municipalities with in-person crossing guard trainings, distribute the crossing guard training video as a DVD to all New Jersey municipalities, create a new on-line video based on the recently released *New Jersey School Zone Design Guide*, survey training participants before and after they are trained and observe select municipal departments as they train their crossing guards in order to provide

evaluation and assessments of the crossing guards who are trained using VTC's program. VTC looks forward to expanding partnerships for the long-term stability of the training program.

One-on-One Parent and Child Interviews

Building on the success of past qualitative data collection through focus groups and discussions with students in classrooms, this project collects qualitative data through the use of one-on-one interviews to further understand both parent and children's perceptions of travel mode choice decisions to and from school and how and why those decisions are made.

Unlike studies relying primarily on surveys, one-on-one interviews allow us to better investigate reasons behind parents' decisions and perceptions. Although parents typically are responsible for making decisions about how their children get to and from school, very few studies examine how children perceive their built and social environment, whether their perceptions are similar or dissimilar to their parents, and whether or how they might contribute to the decision to take part in active travel to school. Through the process of first interviewing parents and



subsequently their children, a relationship is formed with the interviewer, and the interviewer is able to observe both perspectives of the same decision. Through past studies, the NJ SRTS Resource Center has learned that children are quite knowledgeable about their built and social environment and are able to offer unique insights, although they are seldom asked. This research seeks to comprehend the extent to which children play a role in the decision making process and understand their unique perceptions as the ones who ultimately must travel to and from school.

By conducting one-on-one interviews and talking directly to parents and their children from three New Jersey communities (Highland Park, Franklin Township, and Stanhope), the NJ SRTS Resource Center has been able to gain illustrative quotes from parents and children offering their unique perspectives, an understanding of the role children may play in travel mode choice to and from school, and a greater understanding of the barriers, facilitators and the important variables which influence the travel mode decision for children's trip to and from school along with reasons why mode decisions were made. The three municipalities were selected for their suburban yet varied built environments and demographics to see whether there is any bearing on the perceptions of parents and children. Responses from Franklin and Stanhope tended to be more alike than those from Highland Park, where people place greater importance on walking and bicycling.

Several themes emerged from the parents' and children's responses. Ensuring children arrive to school and home safely is a serious concern for parents in all three communities. Some have even quit jobs or requested transfers to be able to drop off or pick up their children.

Mode preference varies with time of day. Children are more likely to prefer being driven to school in the morning so they can sleep a little later and arrive on time; parents do not mind driving their kids to school since often it is on the way to work. In the afternoon, children are more likely to prefer walking home and with other classmates.



The main concerns of students are traffic and dangerous drivers, while parents in Stanhope and Franklin were more concerned about kidnappings and sexual predators. Few parents in Highland Park mentioned this issue at all. Parents tend to be more worried about girls than boys. Students are less concerned about abduction because they feel they are familiar with their routes and the people who live along them.

Most parents feel more comfortable letting their children walk if the children have a cell phone. Some parents even track their children through their phones by GPS – the children are of course happy to have a cell phone.

These findings suggest that hosting both "Walking to School" and "Walking from School" days would encourage active travel modes and encourage students who walk to school only in the afternoon to

do so in the morning as well. Parents and students might feel safer walking if common routes and meeting points are established and if "safe areas" such as local business or firehouses are identified in case of a problem. Cell phone use may encourage walking, however parents may run the risk of stifling their children's independence by checking up on them too often.

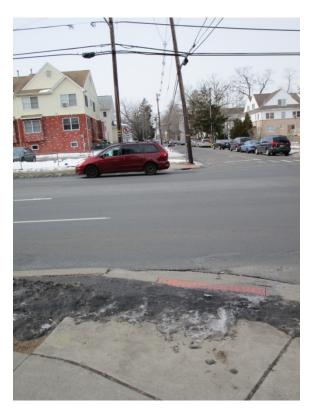
School Crossings on State Highways

With a wide diversity of urban, suburban, and rural environments, pedestrian crossings on state highways are especially challenging to engineer for safety in New Jersey. The Federal Highway Administration (FHWA) determined that New Jersey is a pedestrian safety focus state, however despite the infusion of federal funds to address safety issues, New Jersey still experiences high rates of pedestrian traffic fatalities compared to other peer states. Youth pedestrian safety



is under represented in transportation research. The National Highway Traffic Safety Administration (NHTSA) publishes data on traffic fatalities as well as estimates of injuries at a national level. In 2012, NHTSA reported that while overall traffic fatalities are down, the number of pedestrian fatalities remains largely constant. Overall, youth (16 years old and under) pedestrian crashes is the largest group as a percentage of total traffic fatalities among the data reported. Therefore, at crossings where schools are added into the equation, ensuring safety becomes imperative.

Because of the dangers New Jersey pedestrians face, a better understanding of the risks associated with children walking to schools, in particular along busy state highways has been a priority for NJDOT. The research identified the most troublesome school crossing intersections on state highways. These intersections present a risk to pedestrians not only as demonstrated by the crash data, but also they are particularly dangerous to school children due to their location within a quarter mile of at least one nearby elementary, middle, or high school. Since the risk to children walking or biking to school is much higher, targeted improvements should be sought for these areas. As part of the research, each of the most troublesome intersections is detailed including recommendations for improvements based on current conditions observed during onsite visits.



This research has shown that although schools

located near state highways make up only a fraction of schools in the state, the areas around those schools are risky to pedestrians, and troublesome intersections are distributed throughout the state—not just concentrated in urban areas. In addition, the analysis showed a potential differential risk to youth pedestrians just outside of the defined zones in the data set. In particular, these high danger areas tended to cluster along state highway corridors throughout New Jersey. These corridors have high traffic volumes and high speed roads that also have high levels of pedestrian activity. A variety of improvements to these corridors could decrease pedestrian dangers, but care must be taken not to "blame the victim" and discourage walking just to avoid pedestrian-related traffic crashes.

6. Summary of Assistance

The New Jersey Safe Routes to School Resource Center provides support, training, technical assistance, and guidance to the Regional Coordinators from the eight TMAs as well as communities throughout New Jersey that are implementing SRTS programs and events. This section of the report describes the tasks performed from the NJSRTS RC Technical Assistance and Research Scope of Work as well as additional tasks undertaken to advance and improve the NJ SRTS program.

TMA Regional Coordinator Partnership

- Resource Center staff continued to collect and review monthly Records of Contact from the TMAs, indicating which schools and municipalities the TMAs are working with and what programs they are implementing.
- With input from NJDOT and SRTS Regional Coordinators, Resource Center staff planned and monthly SRTS Coordinator meetings and produced a meeting summary afterwards for distribution to NJDOT and TMAs. Resource Center Staff provided support to regional coordinators and SRTS staff as questions emerged. This included fielding questions by phone, email, in person, and by instant messenger. Staff provided help with concerns including assistance with Sakai and google calendar access; development of a success story template and answering questions and providing feedback on success story ideas; questions regarding scheduling and upcoming important dates; questions about the most recent SRTS Update Report; information on past Tally and Parent/caregiver survey information; assistance with mapping and plotting; questions regarding the Prowalk/ProBike/ProPlace conference; information on background checks; walk and bike policy information; walkability assessments; and bookmark and giveaway items
- NJSRTS RC partnered with Meadlowlink TMA, Together North Jersey staff, Groundwork Elizabeth and Brand New Day regarding a SRTS program in the Elizabethport neighborhood of the city of Elizabeth. Staff led the Elizabethport walkability assessment including developing and printing the agenda and final route maps, developing a training presentation for volunteers, and handling meeting logistics and event organization. Staff trained volunteers, lead walking groups, facilitated group discussions, and helped volunteers to prioritize



Team members participate in Elizabethport Walkability Audit.

interventions and improvements. Working with Meadowlink and local stakeholders, staff completed a School Travel Plan for the Elizabethport neighborhood.

- Staff also provided mapping assistance to TMAs including locating GIS files and plotting large maps.
- Staff worked with TMAs to collect and tabulate Arrival and Departure Tally information from schools throughout the state.

NJSRTS Recognition Program

 Staff updated the Recognition Program section of the website including the flier, FAQs, and deadline dates.

 Following an update to the website for online Recognition Program submissions, staff developed a training presentation for TMA staff detailing the Recognition program, Recognition levels, and the application process. Additionally, staff reviewed the Sustainable Jersey for Schools Actions and included information on how these actions align with the Recognition Program as part of the training presentation.



SRTS Award Recognition at HART's Annual Meeting

- Certificates for each NJ SRTS
 Recognition Program award level were created and sent to each TMA for completion and to obtain electronic signatures from TMA directors.
- Completed certificates were forwarded to NJDOT for the Commissioner's signature and staff coordinated with TMAs and NJDOT to finalize all certificates.

SRTS Training and Program Building

- NJ SRTS Resource Center staff reviewed the health and wellness actions from the new Sustainable Jersey for Schools certification program which launched in October 2014.
- Staff also coordinated with Renee Haider, Associate Director of Sustainable Jersey to
 present a training to the SRTS Coordinators and the SRTS Coalition on the new
 Sustainable Jersey for Schools certification program so they are able to answer
 questions about the program.
- Working with NJDOT and the National Partnership for SRTS, an agenda, meeting
 content and presentation regarding an update on the SRTS Non-Infrastructure program
 was developed and presented at a NJ SRTS Coalition meeting. Staff facilitated the
 meeting, prepared a meeting summary, and distributed the summary to meeting
 attendees.

SRTS Statewide Promotion and Outreach

- Staff followed up with and encouraged each SRTS Coordinator to ensure that all events within their service areas were registered on the National Center for SRTS website.
- Staff conducted outreach to each TMA SRTS Coordinator to determine what types of events communities were implementing and which events would be most appropriate for VTC and NJDOT staff to participate in.

- Staff attended Walk to School Day events in Netcong, Newton, Mt. Holly, Perth Amboy, and Jamesburg.
- Staff posted messages to all social media regarding Walk and Bike to School Day and the TMA events.
- Staff completed the development, design, and layout of a New Jersey Crossing Guard Equipment tip sheet. The tip sheet details what equipment is required by law, what equipment is considered "best practice," what additional equipment is useful, and what equipment should never be used while on post.
- From July 1 through the end of December 2014, the saferoutesnj.org website received 16,268 page views by 2,819 users. 73% of the visitors were
- REQUIRED EQUIPMENT

 Safety Vest STOP Paddle Municipal ID

 STOP

 Www.njcrossingguards.org
- new visitors while the remaining 27% were returning visitors. The top three most visited pages were the Home page, the Crossing Guards page, and the About Regional Coordinators page. Visitors spent an average of 2:32 minutes on a page. 52.6% of visitors reached the site through an online search, 18.4% through referral, 23.9% was direct traffic, 6.2% was via email, 3.7% was social media.
- The search terms which brought visitors to the saferoutesnj.org site were variations of the phrase "safe routes to school nj" and "nj crossing guards" brought the most traffic. Policy.rutgers.edu, njcrossingguards.org, and njbikeped.com were the three highest sources of web traffic by referral.
- Staff created a stand alone website for the NJ School Crossing Guard Training
 Program independent of the NJ SRTS Resource Center website. The new standalone
 website offers more flexibility for presenting information in a more direct manner. The
 crossing guard website would also link from the saferoutesnj.org website and appear
 seamless from a look and feel user perspective and experience.

Technical Information Resource

- NJSRTS Resource Center Staff served on the Health and Wellness Task Force for the Sustainable Jersey for Schools new certification program, and wrote, reviewed and edited the following school actions: School Travel Plan for Walking and Bicycling, SRTS School District Policy, Bicycle and Pedestrian Safety and Promotion Initiatives, Anti-Idling Education and Enforcement, Programs to Promote Physical Activity and Policies to Promote Physical Activity.
- NJSRTS RC Staff actively participates in the following committees and organizations:
 NJ Healthy Communities Leadership Team and Committee, NJ Partnership for Healthy
 Kids New Brunswick, NJ Police Traffic Safety Officers Association and the Awards and Obligation Committee.