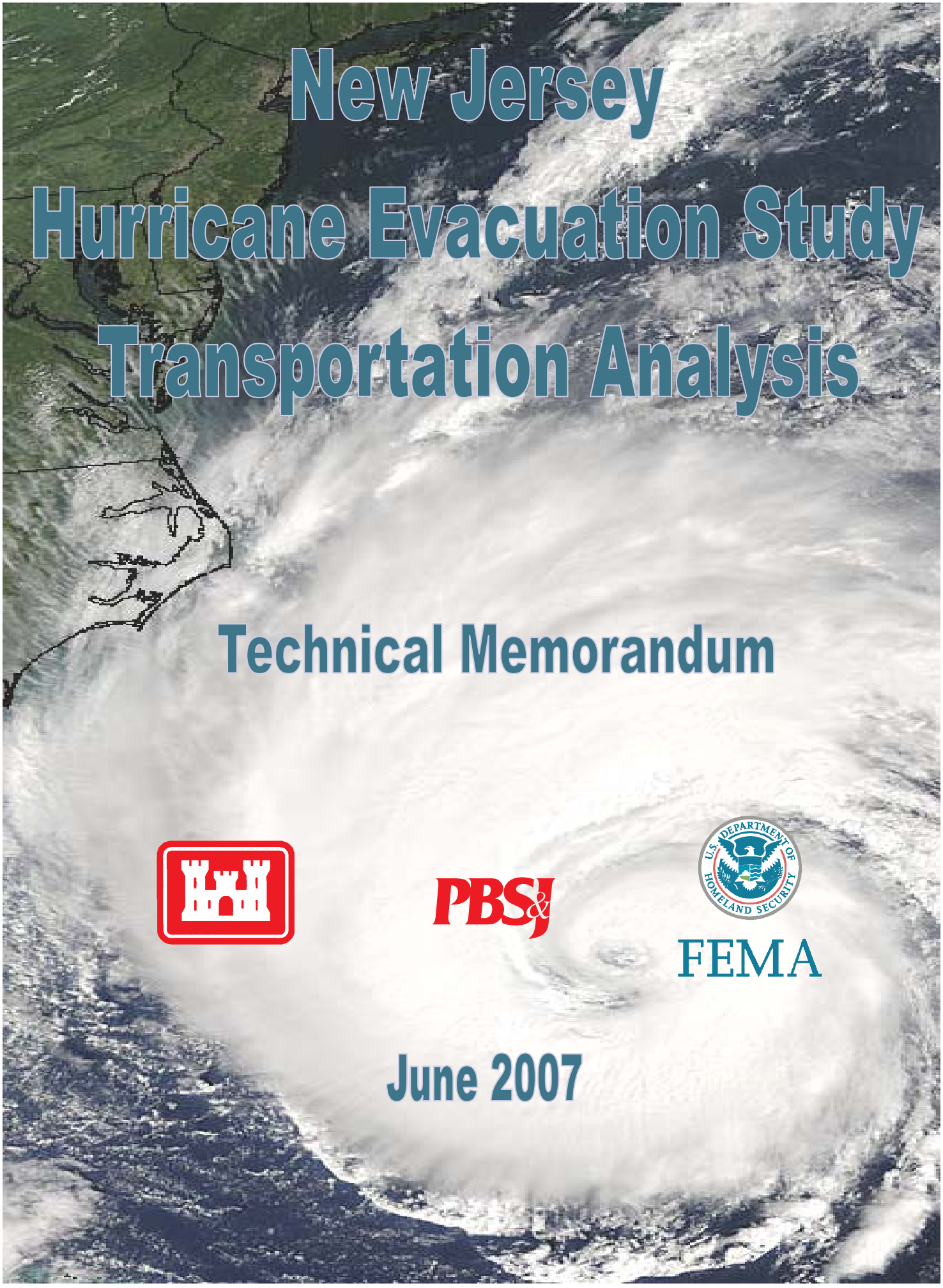

New Jersey Hurricane Evacuation Study Transportation Analysis

Technical Memorandum

PBS&J

FEMA

June 2007

New Jersey Hurricane Evacuation Study
Transportation Analysis

Technical Memoranda

Prepared for

US Army Corps of Engineers
Philadelphia District
Philadelphia, Pennsylvania

Prepared by

PBS&J
1901 Commonwealth Lane
Tallahassee, Florida

June 2007

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Purpose

This Hurricane Evacuation Study, supported by the Army Corps of Engineers, Philadelphia District and FEMA, provides the State of New Jersey with updated local and regional hurricane evacuation clearance times for the 2007 Hurricane Season and includes an Abbreviated Transportation Model to allow emergency managers to vary model inputs in order to update source data and to test alternative evacuation scenarios. The last study, conducted more than 15 years ago, was based on 1990 Census data. Rapid rates of growth, particularly along the State's vulnerable coastline, helped necessitate this study.

Hurricane Evacuation Planning is vitally important to the State of New Jersey. New Jersey is the 11th most populous state in the nation and is its most densely populated. New Jersey also enjoys a very high seasonal population based in large part to visitors to the coast. While the state has not received a direct hit from a major hurricane in recent years, a hurricane following some of the historical tracks of those impacting the state over the past 200 years would have catastrophic effects. Hurricanes that reach the Mid-Atlantic States often tend to have a fast forward speed, placing New Jersey's permanent and seasonal coastal population at risk of serious storm damage.

Findings

This study looked at a range of hurricane evacuation planning issues and developed local and regional hurricane evacuation clearance times for the state. Some of the main findings of the study include:

- At high tourist occupancy (at the height of tourist season), the evacuation clearance times in the Atlantic Coastal counties will ranges from **25** hours in a Category 1 storm to as high as **44** hours in a Category 4 storm.

- At high tourist occupancy, evacuation clearance times in the non-coastal Northeast counties in minor storm events (Category 1-2) will range between **8** and **15** hours.

- The official NJ State plan to implement a reverse lane strategy along Route 47 will reduce local clearance times for traffic heading west by as much as **8** hours. The reverse lane plan will not reduce overall clearance times for the Atlantic Coastal counties due to bottlenecks occurring north along the Garden State Parkway.

- A complete evacuation of all permanent residents and tourist from all risk zones from Cape May County in a Category 1 event will increase clearance times throughout the state, particularly in Category 1 and 2 events.

Recommendations

Based on the research that went in to developing this report, the results of the Abbreviated Transportation Model, as well as the findings cited herein, the following recommendations may have relevance to future evacuation planning efforts in New Jersey:

- Reduce Volume – Due to the very high State populations, local evacuations should be limited to those individuals at risk from storm inundation in order to limit the number of vehicles loading the regional roadway network.

- Reduce Uncertainty – There is a need for state and county intergovernmental coordination on evacuation implementation, including training and exercises as well as operational support. Local evacuation orders should be pre-scripted by scenario and available for review and comment by neighboring local and state officials.

- Manage Routing – Alternative traffic routing scenarios need to be investigated in addition to or as alternatives to reverse lane strategies (s/a diverting traffic planning to travel westbound from the Garden State Parkway at Rt. 50, Rt. 559, or Rt. 322 to bypass the junction with the Atlantic City Expressway). Directed detouring will alleviate congestion at critical roadway segments.

- Enhance Sheltering – Complete a Statewide shelter survey to identify shelters in all counties. The survey should include Red Cross certifiable structures, non-certifiable "refuge" shelters (including a survey of elevated parking garages), special needs shelters, and shelters accepting pets. Plans should put in place to identify funding to retrofit existing public facilities to make them shelter ready.

- Support Evacuation Implementation – Develop plans to support evacuations, including Maintenance of Traffic, motorist assistance, identification of emergency staging areas (s/a the Rt. 70 / Rt. 72 circle).

1.0 INTRODUCTION

1.1 OVERVIEW

With a 2005 estimated population of 8.7 million residents, New Jersey is the 11th most populated State in the United States. It has the unique distinction of being the most densely populated state, with approximately 1,175 residents per square mile. New Jersey is also home to some of the most beautiful and popular beaches along the Atlantic seaboard. Its thriving beach communities and Atlantic City-based gaming industry help make travel and tourism New Jersey's third largest private employer, generating $25.7 billion in Gross State Product in 2005. Tourism also swells the State's population, particularly during the summer months. High seasonal populations along the coast make hurricane evacuation planning an issue of critical concern for New Jersey.

With recent devastating storms in Florida and the Gulf Coast attracting national attention, when one thinks of hurricanes, the State of New Jersey is not the first place that comes to mind. But the State of New Jersey has a significant hurricane history. The Great Hurricane of 1821 – a Category 4 storm – struck Cape May and followed the route covered by the Garden State Parkway today, leaving significant destruction in its wake. A number of major hurricanes on tracks paralleling the 1821 storm have affected New Jersey, but all have either come ashore well to the south of the state or passed some distance offshore, thus diminishing their effect on the state (a 1903 hurricane weakened to tropical storm status shortly before making landfall near Atlantic City). Several of these storms, such as the 1889, 1938, 1944 and 1960 hurricanes caused extensive damage and some loss of life. More recently Hurricane Gloria (1985) and Bob (1991) and Tropical Storm Agnes (1972), David (1979), and Bertha (1996) skirted the state causing minor localized impacts. A storm of similar intensity to the 1821 storm following that track today would have catastrophic effects.

Recent Notable New Jersey Hurricanes

The **Ash Wednesday Storm** of 1962, a Nor'Easter rather than a Hurricane, damaged portions of the Steel Pier in Atlantic City and significantly damaged or destroyed an estimated 45,000 homes.

In 1985 **Hurricane Gloria** paralleled the coast of New Jersey, downing trees leaving an estimated 230,000 without power, necessitating officials to recommend the evacuation of approximately 100,000 coastal residents.

Hurricane Isabel, which passed the southwest of the state on September 19, 2003, causesing strong storm surges of up to 10.6 feet. Persistent strong waves severely erode beaches along the coast. Isabel caused 1 direct death and 1 indirect death, with damage amounting to $50 million.

The vulnerability of New Jersey to hurricanes – particularly the Cape May peninsula and the coastal barrier islands – has been noted recently in the popular press. FEMA and the US Army Corps of Engineers have also recognized the vulnerability of New Jersey. The most recent Hurricane Evacuation Study for New Jersey was completed in 1992. This current study was initiated in part to better understand hurricane evacuation in the context of the rapid population growth experienced in the state over the 15 years since the publication of the last study and to take advantage of advances in the field of evacuation planning. This effort also includes state of the art study support tools; an abbreviated transportation model and a consequence management module. Both spreadsheet-based applications are designed to provide local, state and federal decision makers with the opportunity to

better understand the inputs into the evacuation study process as well as a means of testing alternative evacuation scenarios.

In preparing the Hurricane Evacuation Study, a number of primary resources were referenced. To provide a historical perspective on the study area the following documents were referenced:

- *New Jersey Hurricane Evacuation Study – Transportation Model Support Document*, PBS&J, (1992) and

- *New Jersey Hurricane Evacuation Study - Technical Data Report*, PBS&J, (1992).

In support of the guidance included in the project scope of work to document tourist behavior and obtain best available behavioral data, the following sources were utilized:

- *Behavioral Assumptions for Hurricane Planning in the Delmarva Peninsula*, Earl J. Baker (2003),

- *The Tourist Satellite Account Perspective*, Global Insight (2006),

- *New Jersey FY2005p Visitor Profile*, D.K. Shifflet & Associates, Ltd. (2006), and

- *Delmarva Hurricane Evacuation Study Transportation Analysis – Technical Memoranda*, PBS&J (2007).

In support of developing the assumptions included in the transportation modeling process, the following references were used:

- *Analysis and Modeling of Cape May Roadway Elevations and Evacuation Routes*, NJIT (2005), and

- *Using Highways During Evacuation Operations for Events with Advance Notice*, US DOT / FHWA, (2007).

In addition to these documents, newspaper articles and other secondary sources, including *Wikipedia the free encyclopedia* (Wikimedia Foundation, Inc.), were referenced. Citations, where available, are noted in the report.

During a hurricane evacuation, a significant number of vehicles must be moved across the local and regional road network. The number of evacuating vehicles will vary depending upon the magnitude of the hurricane, publicity and warnings provided about the storm, the time of year in which the storm occurs and particular behavioral response characteristics of the vulnerable population. The entry of vehicles onto the evacuation roadway network typically depends on the response of evacuees to an evacuation order. Conversely, vehicles exit the roadway network depending on both the planned destinations of evacuees and the availability of acceptable destinations such as public

shelters, hotel/motel units and the homes of friends or relatives in non-surge prone areas. The speed at which vehicles on the road network can travel from origin to destination is dependent upon the rate of traffic loading on specific roadway segments and the ability of those segments to handle a particular volume of vehicles each hour. In order to produce accurate clearance times, the analysis of the study area must account for the impacts of evacuation traffic generated by all jurisdictions (at the County level and at the State level) using roadways within the study area.

This report documents the basic inputs and findings for the New Jersey Hurricane Evacuation Study Transportation Analysis. Information and data files too extensive for this report are included in appendices. A glossary of terminology is included in Appendix A.

1.2 ANALYSIS OBJECTIVES AND SCOPE

Recognizing the importance of accurate clearance times, the US Army Corps of Engineers (USACE), Philadelphia District hired Post, Buckley, Schuh and Jernigan, Inc. (PBS&J) to perform the tasks necessary to conduct an updated Hurricane Evacuation Study for New Jersey. A task order for this work was issued on October 18, 2005. After feedback from a stakeholder meeting conducted in March of 2006, the scope of work was amended on November 17, 2006 to include additional tasks. The major objectives of the study include:

(1) Develop Traffic Evacuation Zones– Obtain vulnerability data and numbered evacuation zones provided by the USACE Philadelphia District and obtain input / concurrence from NJ State and county emergency management officials.

(2) Develop Coded Evacuation Network – Identify the existing evacuation roadway network.

(3) Develop Behavioral Assumptions – Utilize best available data as well as available information on tourist trends to develop behavioral assumptions.

(4) Conduct Hurricane Evacuation Modeling – Perform trip generation, trip distribution, develop route segment service volumes and trip assignments.

(5) Estimate Clearance Times – Calculate clearance times for local, county-wide and regional areas for a slow, medium and fast response and low medium and high tourist occupancies for four storm intensity scenarios. Provide clearance times in the appropriate format for updating the Hurrevac model.

(6) Develop an Automated Transportation Model (ATM) – Develop an automated transportation to allow users to adjust demographic or behavioral data and trip distribution by county to test alternate evacuation scenarios.

(7) Develop a Consequence Management Module – As part of the ATM, develop a module to show the number of evacuees and vehicles and their potential location if evacuation decisions are made later than what ideal evacuation clearance times would dictate.

1.3 STUDY AREA

This study effort provides transportation modeling and calculates clearance times for fifteen New Jersey counties. The selection of these counties was based on the historical study area used for evacuation planning in New Jersey. The counties that are included in this study are grouped into three regions; Southwest, Atlantic Coastal and Northeast. New Jersey includes no unincorporated areas. Each of the study counties is comprised of numerous municipalities. In addition to the primary study area counties, several of the critical roadway segments for which clearance times are calculated are located in insular or "exiting" counties. Reference maps of the primary study counties showing jurisdictional boundaries and municipality names are included in Appendix B.

The Southwest counties include Burlington, Camden, Gloucester, Salem and Cumberland. While Salem and Cumberland counties are coastal, they have smaller permanent populations and significantly smaller seasonal populations than the Atlantic Coastal counties. All five of the Southwest counties include significant westbound through-county evacuation movements from the Atlantic Coastal counties.

The four Atlantic Coastal Counties – Cape May, Atlantic, Ocean and Monmouth – are the principal origination points for evacuation movements in the state. These counties are most highly vulnerable to hurricane impacts due to their proximity to the coast, their high permanent populations, as well as very high seasonal populations. These counties include significant westbound and northbound through-county evacuation movements from within the Atlantic Coastal counties group.

The Northeast counties include Middlesex, Union, Essex, Hudson, Passaic and Bergen. Union, Essex, Hudson and Bergen counties include very minimal storm surge zones directly adjacent to the Hudson River and Newark Bay. Middlesex also has minimal surge risk, with a small coastline fronting the Raritan Bay. Passaic County, although entirely inland, is included in the study for the purposes of calculating clearance times for northbound (New York bound) traffic. All of these counties include westbound and northbound through-county evacuation movements from the Atlantic Coastal Counties.

1.4 COORDINATION AND REVIEW ACTIVITIES

This study became a necessity due in large part to the age of the existing available data. The most recent previous study, published in 1992, relied on 1990 census data. The 1990 census population for New Jersey was 7.7 million. By the 2000 census, the official count had jumped to 8.4 million residents, and increase of approximately 9 percent. This rapid growth rate, much of which has occurred in the counties included in this study, coupled with annual increases in tourist numbers, necessitated the reanalysis of hurricane evacuation clearance times for the region.

The study was initiated in October of 2005 and relied heavily on input from State and county government officials. Subsequent to a stakeholder meeting held in March of 2006, modifications to the scope of work project were recommended, including the calculation of additional local clearance times and the development of a consequence assessment module to the Abbreviated Transportation Model. These modifications were included in an additional task order in November of 2006.

In January of 2007 a conference call was held with selected stakeholders, including State of New Jersey officials and those from Cape May County to discuss reverse lane scenarios. Lane reversal or contraflow is a technique that may be utilized during mass evacuations on major limited or controlled access highways to reduce the duration of an evacuation by opening up additional lanes in one direction. As a result of this conference call, two reverse lane (contraflow) scenario analyses were added to the study.

In February 2007, stakeholders from the Atlantic Coastal counties were provided with the draft evacuation zone maps and the socioeconomic data used in the model for comments. A second stakeholder meeting was held in February of 2007 to review the status of the study, to present the framework of the draft abbreviated transportation model, and to illicit feedback from federal, state and local stakeholders. Subsequent to that meeting comments and recommendations from the stakeholders were incorporated into the study where possible.

Key comments that helped guide the clearance time update included:

- The evacuation zone maps developed by the Army Corps of Engineers accurately reflect risk-based evacuation.

- Consequence Management analyses need to focus primarily on areas in South Jersey, including the Pine Barrens.

- Population increases since the 2000 census in some regions, particularly Ocean County may be significant and may need to be reflected in user defined inputs to the ATM.

- Due to local concerns related to isolation, evacuations at levels beyond those based on surge risk may be implemented, specifically in Cape May County, and comparative analysis should be included in this report.

- Shelter data used in the development of the Consequence Management Module is based on preliminary joint State and FEMA surveys and may need to be adjusted through user defined inputs to the ATM.

A listing of key contacts was maintained through the study effort. The information from the key contact log is provided in Table 1-1.

Table 1-1

New Jersey Hurricane Evacuation Study Contacts

Unit of Government	Initial Contact Person	Phone/Fax	Mailing Address	Email
	Mariana Leckner			mleckner@comcast.net
American Red Cross	Kurt Weirich, Director Emergency Services	P: 609.951.2106	707 Alexander Rd., Suite 101 Princeton, NJ 08540	weirichk@njredcross.org
	Jason Kingsley	P: 609.951.2101	707 Alexander Rd., Suite 101 Princeton, NJ 08540	kingsleyj@njredcross.org
Atlantic County Dept. of Public Safety, Office of Emergency Preparedness	Vincent J. Jones, III, Director	P: 609.407.6742 F: 609.407.6745	5033 English Creek Ave. Egg Harbor Township, NJ 08234	jones_vincent@aclink.org
	Michael Braveis	P: 609.407.6767	5033 English Creek Ave. Egg Harbor Township, NJ 08234	braveis_michael@aclink.org
	Ed Conover, Deputy Coordinator	P: 609.407.6742 F: 609.407.6745	5033 English Creek Ave. Egg Harbor Township, NJ 08234	conover_edward@aclink.org
Bergen County	Lt. Dwayne Razzetti	P: 201.634.3100 F: 201.599.6091	327 East Ridgewood Ave. Paramus, NJ 07652	drazzetti@bcoem.org
	Michael N. Wallace	P: 201.634.3100	327 East Ridgewood Ave. Paramus, NJ 07652	Wallace@bcoem.org
	Sgt. Barry Leventhal	P: 201.634.3100 F: 201.599.6091	327 East Ridgewood Ave. Paramus, NJ 07652	leventhal@bcoem.org
Burlington County	Kevin Tuno, Coordinator	P: 609.518.7200 F: 609.518.7214	1 Academy Dr. Westampton, NJ 08060	ktuno@co.burlington.nj.us
	William Luckenbill, Deputy Coordinator	P: 609.518.7200 F: 609.518.7214	1 Academy Dr. Westampton, NJ 08060	wluckenbill@co.burlington.nj.us
	David Rickert	P: 609.265.3720		DRickert@co.burlington.nj.us
	Steve King, Deputy 2	P: 609.518.7200 F: 609.518.7214	1 Academy Dr. Westampton, NJ 08060	sking@co.burlington.nj.us

Unit of Government	Initial Contact Person	Phone/Fax	Mailing Address	Email
Camden County	Don Elmer, Coordinator	P: 856.783.4808 x5420 F: 856.782.0466	Charles J. DePalma Complex Lindenwold, NJ 08021	elmer@camdencounty.com
	George Martin, Deputy Coordinator	P: 856.783.4808 x5409 F: 856.782.0466	Charles J. DePalma Complex Lindenwold, NJ 08021	gmartin@camdencounty.com
Cape May County	Steve Hampton, Deputy County Admininstrator	P: 609.465.6892 F: 609-465-6189	4 Moore Road Cape May Court House, NJ 08210	shampton@co.cape-may.nj.us
	Dale Foster, County Engineer	P: 609.465.1035 F: 609.465-1418	4 Moore Road Cape May Court House, NJ 08210	countyengineer@co.cape-may.nj.us
Cape May County EM Communications Center	Ralph E. Sheets, Jr., Freeholder	P: 609.463.6570	30 West Mechanic St. Cape May Court House, NJ 08210	
	Frank J. McCall, Director	P: 609.463.6570 F: 609.463.0252	30 West Mechanic St. Cape May Court House, NJ 08210	mccall@co.cape-may.nj.us
Cape May County Prosecutor's Office	James E. Rybicki, Chief of County Detectives	P: 609.465.1164 F: 609.465.4434	4 Moore Road, DN-110 Cape May Court House, NJ 08210	jrybicki@cmcpros.net
	Jim McGowa	P: 609.465.1135	4 Moore Road**,** DN-110 Cape May Court House, NJ 08210	jmcgowan@cmcpros.net rtaylor@cmcpros.net
Cumberland County	Joe Sever, Coordinator	P: 856.455.8770 F: 856.455.9515	637 Bridgeton Ave. Bridgeton, NJ 08302	josephse@co.cumberland.nj.us
	John Laws, Deputy Coordinator	P: 856.455.8770 F: 856.455.9515	637 Bridgeton Ave. Bridgeton, NJ 08302	
	Jim Manski, Deputy Coordinator	P: 856.455.8770 F: 856.455.9515	637 Bridgeton Ave. Bridgeton, NJ 08302	jamesma@co.cumberland.nj.us
	Anthony Bueno	P: 856.453.2175		anthonybu@co.cumberland.nj.us
	Melinda Weisgerber, Deputy Coordinator	P: 856.455.8770 F: 856.455.9515	637 Bridgeton Ave. Bridgeton, NJ 08302	melindawe@co.cumberland.nj.us
Essex County	Armando B. Fontoura, Coordinator	P: 973.857.3925 F: 973.857.8678	125 Fairview Ave., Bldg 12 Cedar Grove, NJ 07009	ESSEXOEM@aol.com
	Julius Coltre, Deputy Coordinator	P: 973.395.2572 F: 973.857.8678	125 Fairview Ave., Bldg 12 Cedar Grove, NJ 07009	JColtre@essexsheriff.com, EssexOEM@aol.com
	Richard Colabelli	P: 973.857.3925 F: 973.857.8678	125 Fairview Ave., Bldg 12 Cedar Grove, NJ 07009	

Unit of Government	Initial Contact Person	Phone/Fax	Mailing Address	Email
FEMA Region II, Federal Insurance & Mitigation Division	Bruce J. Swiren, Hazard Identification & Risk Assessment Branch Chief	P: 212.680.3629		bruce.swiren@dhs.gov
Gloucester County	J. Thomas Butts, Coordinator	P: 856.307.7155 F: 856.307.7158	1200 North Delsea Dr. Clayton, NJ 08312	tbutts@co.gloucester.nj.us
	Len Clark, Deputy Coordinator	P: 856.307.7155 F: 856.307.7158	1200 North Delsea Dr. Clayton, NJ 08312	leclark@co.gloucester.nj.us
	Robert Gould, Deputy Coordinator	P: 856.589.0911 F: 856.307.7158	1200 North Delsea Dr. Clayton, NJ 08312	
	Jack DeAngelo, Deputy Coordinator	P: 856.589.0911 F: 856.307.7158	1200 North Delsea Dr. Clayton, NJ 08312	jdeangelo@co.gloucester.nj.us
Hudson County	Jack Burns, Coordinator	P: 201.319.3871 F: 201.319.3875	595 County Ave. Secaucus, NJ 07094	jburns@hudsoncountynj.org
	Joseph Konopka, Deputy Coordinator	P: 201.319.3871 F: 201.319.3875	595 County Ave. Secaucus, NJ 07094	jkonopka@hudsoncountynj.org
	Gerald Drashess, Deputy Coordinator	P: 201.319.3871 F: 201.319.3875	595 County Ave. Secaucus, NJ 07094	gdrashess@hudsoncountynj.org
	Jonathan Luk	P: 201.217.5137		JLuk@hudsoncountynj.org
Humphrey Fellowship Program Bloustein School of Planning and Public Policy	Briavel Holcomb, Professor & Coordinator	P: 732.932.4006 #688 F: 732.932.0934	33 Livingston Ave, Suite 100 Rutgers University New Brunswick, NJ 08901	holcomb@rci.rutgers.edu
Hunterdon County	George Wagner, Coordinator	P: 908.788.1196 F: 908.782.0057	201 Cherryville Rd. Flemington, NJ 08822	jail@co.hunterdon.nj.us
	William J. Powell, Deputy Coordinator	P: 908.788.1196 F: 908.782.0057	201 Cherryville Rd. Flemington, NJ 08822	bpowell@co.hunterdon.nj.us
	Frank Veneziale, Deputy Coordinator	P: 908.788.1196 F: 908.782.0057	201 Cherryville Rd. Flemington, NJ 08822	fveneziale@co.hunterdon.nj.us
Mercer County	Dean Raymond, Coordinator	P: 609.799.8868 F: 609.799.7067	350 Lawrence Station Rd. Lawrenceville, NJ 08646	draymond@mercercounty.org
	Bob Hartman, Deputy Coordinator	P: 609.799.8868 F: 609.799.7067	350 Lawrence Station Rd. Lawrenceville, NJ 08646	bobhartman@mercercounty.org

Unit of Government	Initial Contact Person	Phone/Fax	Mailing Address	Email
Middlesex County Emergency Management	Christopher D. Rafano, Freeholder Liaison	P: 732.745.3506 F: 732.745.3110	New Brunswick	
	Rory R. Zach, Coordinator	P: 732.727.9009 Ext 7103 F: 732.727.8993	1001 Fire Academy Drive Sayreville, NJ 08872	rory.zach@co.middlesex.nj.us
	John Ferguson, Asst. County Coordinator	P: 732.727.9009 Ext 7104 F: 732.727.8993	1001 Fire Academy Drive Sayreville, NJ 08872	john.ferguson@co.middlesex.nj.us
	Jeff Rowland, Volunteer Deputy Coordinator			
	Barry Marcinczyk, Domestic Preparedness Planner			
	Lawrence J. Cattano, Bureau Chief	P: 732.727.9009 Press 1 + Ext 7127	1001 Fire Academy Drive Sayreville, NJ 08872	
	Phyllis Ciszewsk, Secretary	P: 732.727.9009 Press 1 + Ext 7101	1001 Fire Academy Drive Sayreville, NJ 08872	
	Sherri Carchia-Dailey, Secretary	P: 732.727.9009 Press 1 + Ext 7102	1001 Fire Academy Drive Sayreville, NJ 08872	
Monmouth County	Harry Conover, Coordinator	P: 732.431.7400 F: 732.409.7532	300 Halls Mills Road Freehold, NJ 07728	hconover@co.monmouth.nj.us
	Gary McTighe, Deputy Coordinator	P: 732.431.7400 F: 732.409.7532	300 Halls Mills Road Freehold, NJ 07728	gmctighe@co.monmouth.nj.us
	Margaret Murnane, Deputy Coordinator	P: 732.431.7400 F: 732.409.7532	300 Halls Mills Road Freehold, NJ 07728	mmurnane@co.monmouth.nj.us

Unit of Government	Initial Contact Person	Phone/Fax	Mailing Address	Email
Morris County	Thomas Zellman, Coordinator	P: 973.829.8600 F: 973.829.8604	Courthouse, PO Box 900 Morristown, NJ 07960	tzellman@co.morris.nj.us
	Richard H. Loock, Deputy Coordinator	P: 973.829.8600 F: 973.829.8604	Courthouse, PO Box 900 Morristown, NJ 07960	rloock@co.morris.nj.us
	Scott DiGiralomo, Deputy Coordinator	P: 973.829.8600 F: 973.829.8604	Courthouse, PO Box 900 Morristown, NJ 07960	sdigiralomo@co.morris.nj.us
New Jersey Board of Public Utilities	John Masiello	P: 973.648.3459	Two Gateway Center, 8th Floor Newark, NJ 07102	John.masiello@bpu.state.nj.us
New Jersey Department of Community Affairs	Cynthia Wilk	P: 609.292.7899	P.O. Box 800 Trenton, NJ 08625-0800	cwilk@dca.state.nj.us
New Jersey Department of Corrections	Kenneth Nelson	P: 609.292.6042		Kenneth.Nelsen@doc.state.nj.us
	Joseph Polyi	P: 609.292.6042		Joseph.Polyi@doc.state.nj.us
	James Lutz	P: 609.292.6042		James.Lutz@doc.state.nj.us
New Jersey Department of Environmental Protection	Bob Van Fossen	P: 609.633.2168	PO Box 428 Trenton, NJ 08625-0428	Robert.vanfossen@dep.state.nj.us
New Jersey Department of Health and Senior Services	Jim Langenbach	P: 609.341.2008	PO Box 369 Trenton, NJ 08625-0369	James.langenbach@doh.state.nj.us
New Jersey Department of Human Services	Dennis Dura	P: 609.633.3967	PO Box 700 Trenton, NJ 08625-0700	dennis.dura@dhs.state.nj.us
	William Schaffer	P: 609.633.8492	PO Box 700 Trenton, NJ 08625-0700	william.schaffer@dhs.state.nj.us
New Jersey Department of Military & Veteran Affairs	Dennis Devery	P: 609.530.7095	131 Eggert Crossing Rd. Lawrenceville, NJ 08648	dennis.devery@us.army.mil
	Lisa Homan	P: 609.477.8200	131 Eggert Crossing Rd. Lawrenceville, NJ 08648	lisa.m.homan@us.army.mil
	Gerald Minchin	P: 609.530.7064	131 Eggert Crossing Rd. Lawrenceville, NJ 08648	gerald.minchin@us.army.mil
	N. Roy Smith	P: 609.530.7125	131 Eggert Crossing Rd. Lawrenceville, NJ 08648	roy.smith@njdmava.nj.state.us
	Stephen J. Hines	P: 609.530.6914	131 Eggert Crossing Rd. Lawrenceville, NJ 08648	stephen.hines@nj.ngb.army.mil
New Jersey Department of Treasury	Mike Tyger	P: 609.633.0813	State House, 1st Floor Trenton, NJ 08625-0002	michael.tyger@treas.state.nj.us

Unit of Government	Initial Contact Person	Phone/Fax	Mailing Address	Email
New Jersey Office of Attorney General	Thomas Balint Jr.	P: 609.943.5327		thomas.balint@lps.state.nj.us
New Jersey Office of Emergency Management	Mike Augnotyniak	P: 609.963.6997		LPPAUGUM@gw.njsp.org
New Jersey State Police	John Peacock	P: 609.561.1800 x3213		Cpp4094@gw.njsp.org
	Frank Cuifold	P: 609.561.1800 x3246		Lpp4032@gw.njsp.org
	Rick McDonnell (NJSP-IMU)			LPP4640@gw.njsp.org
	Allen Smith (NJSP-OEM)	P: 609.963.6900 x6724		LPPSmithA@gw.njsp.org
	Lance Oram (NJSP-OEM)	P: 973.227.3072		Oram@gw.njsp.org
	Thomas King	P: 732.442.8600 x7155		LPP3713@gw.njsp.org
	Patricia Gorman	P: 609.561.1800		LPP5595@gw.njsp.org
	Steve Grillou	P: 732.442.8600 x7154		LPP4109@gw.njsp.org
New Jersey Transit	Robert Noble	P: 973.491.7274	1 Penn Plaza East, 7th Floor Newark, NJ 07105	rnoble@njtransit.com
New Jersey Turnpike Authority	Elizabeth Johnson	P: 737.750.5300		bjohnson@turnpike.state.nj.us
	Cliff Pria	P: 732.442.8600		pric@turnpike.state.nj.us
	Susan Lutin	P: 732.750.5300		lutin@turnpike.state.nj.us
	Ken McGoldrick (NJTA-GSP)	P: 732.442.8600 x2424		mcgoldrick@turnpike.state.nj.us

Unit of Government	Initial Contact Person	Phone/Fax	Mailing Address	Email
Ocean County EM	Lt. Michael Osborn, Director			mosborn@co.ocean.nj.us
	Rosemarie Chisholm-Cohen, CEM, Deputy Coordinator	P: 732.929.2044 F: 732.341.9010	R.J. Miller Air Park Toms River, NJ 08754	rchisholm@co.ocean.nj.us
	Wayne Rupert, Deputy Coordinator	P: 732.929.2044 F: 732.341.9010	R.J. Miller Air Park Toms River, NJ 08754	wrupert@co.ocean.nj.us
	Keith Klements, Deputy Coordinator	P: 732.929.2044 F: 732.341.9010	R.J. Miller Air Park Toms River, NJ 08754	kklements@co.ocean.nj.us
	Sheriff William L. Polhemus, EM Coordinator	P: 732.341.3451 or 800.331.8152	R.J. Miller Air Park Toms River, NJ 08754	oceancountyemergencymanagement@co.ocean.nj.us shealey@co.ocean.nj.us
Ocean County Sheriff's Department – Office of Emergency Management	Bob Butkus	P: 732.341.3451	120 Hooper Ave. Toms River, NJ 08753	rbutkus@co.ocean.nj.us
	Charles Webster	P: 732.341.3451	120 Hooper Ave. Toms River, NJ 08753	cwebster@co.ocean.nj.us
PA Office of Emergency Management	Ira Forman	P: 201.595.4694		iforman@panynj.gov
Passaic County	Robert Lyons, Coordinator	P: 973.904.3621 F: 973.904.3843	PCCC Public Safety Wayne, NJ 07470	robertl@passaiccountynj.org
	Maryann Trommelen, Deputy Coordinator	P: 973.904.3621 F: 973.904.3843	PCCC Public Safety Wayne, NJ 07470	maryannt@passaiccounty.nj.org
PBS&J	Don Lewis	P: 850.575.1800 F: 850.575.1513	1901 Commonwealth Lane Tallahassee, FL 32303	dclewis@pbsj.com
	Dennis Smith	P: 850.575.1800 F: 850.575.1513	1901 Commonwealth Lane Tallahassee, FL 32303	djsmith@pbsj.com
Rutgers University	James K. Mitchell, Professor of Geography, Co-Editor: Environmental Hazards	P: 732.445.4103 F: 732.445.0006	54 Joyce Kilmer Ave. Piscataway, NJ 08854-8045	jmitchel@rci.rutgers.edu
Salem County	Carl Wentzell, Coordinator	P: 856.769.2900 F: 856.769.4229	135 Cemetery Rd. Woodstown, NJ 08908	Carl.Wentzell@salemcountynj.gov
	John Lake, Deputy Coordinator	P: 856.769.2900 F: 856.769.4229	135 Cemetery Rd. Woodstown, NJ 08908	mack.lake@salemcountynj.gov

Unit of Government	Initial Contact Person	Phone/Fax	Mailing Address	Email
Salvation Army	Henry Wise	P: 609.652.6801	4 Gary Road, PO Box 3170 Union, NJ 07083	HWise412@comcast.net
Somerset County	LeRoy Gunzelman III, Coordinator	P: 908.725.5070 F: 908.725.5077	PO Box 3000 Somerville, NJ 08876	gunzelman@co.somerset.nj.us
	Tom Bittle, Deputy Coordinator	P: 908.725.5070 F: 908.725.5077	PO Box 3000 Somerville, NJ 08876	bittle@co.somerset.nj.us
	Mike Miller, Deputy Coordinator	P: 908.725.5070 F: 908.725.5077	PO Box 3000 Somerville, NJ 08876	millermm@co.somerset.nj.us
Sussex County	Sheriff Robert Untig, Coordinator	P: 973.579.0380 F: 973.579.0389	Division of Emergency Newton, NJ 07860	runtig@sussexcountysheriff.com
	Skip Danielson, Deputy Coordinator	P: 973.579.0380 F: 973.579.0389	Division of Emergency Newton, NJ 07860	edanielson@sussexcountysheriff.com
	Mark Vogel, Deputy Coordinator	P: 973.579.0380 F: 973.579.0389	Division of Emergency Newton, NJ 07860	mvogel@sussexcountysheriff.com
Union County	Ben Laganga, Coordinator	P: 908.654.9881 F: 908.654.9851	300 North Avenue East Westfield, NJ 07090	blaganga@ucnj.org
	Chris Scaturo, Deputy Coordinator	P: 908.654.9881 F: 908.654.9851	300 North Avenue East Westfield, NJ 07090	cscaturo@ucnj.org
U.S. Army Corp of Engineers – Philadelphia District	Jason F. Miller, P.E., Chief, Flood Plain Management Services Branch	P: 215.656.6549		jason.f.miller@usace.army.mil
	Stephen Long	P: 215.656.6552		stephen.w.long@usace.army.mil
Warren County	Frank Wheatley, Coordinator	P: 908.835.2051 F: 908.835.2063	1024 Route 57 Washington, NJ 07882	fwheatley@co.warren.nj.us
	Pat Rivoli, Deputy Coordinator	P: 908.835.2040 F: 908.835.2063	1024 Route 57 Washington, NJ 07882	wcoem@co.warren.nj.us

2.0 TRANSPORTATION ANALYSIS AND INPUT ASSUMPTIONS

The hurricane evacuation transportation modeling performed for this study required a number of important data inputs and assumptions regarding anticipated evacuation behavior. All hurricanes differ from one another in some respect. Therefore, it is necessary to set forth clear assumptions about storm characteristics and the expected response from evacuees before this type of transportation modeling can begin. Not only does a storm vary in its track, intensity, and size, but also in the way residents in potentially vulnerable areas perceive it. These factors can cause a wide variance in the behavior of the vulnerable population. Even the time of day at which a storm makes landfall influences the parameters of an evacuation response.

The hurricane evacuation transportation analysis produces clearance times based on a set of assumed conditions and behavioral responses. It is likely that an actual storm will differ from a simulated storm for which clearance times are calculated in this report. Therefore, a sensitivity analysis was performed during the transportation modeling. Those variables having the greatest influence on clearance times were identified and then varied to establish the logical range within which the actual input assumption values may fall.

Key input assumptions guiding the transportation analysis include the following:

1. Identification of Evacuation Zones
2. Housing and Population Data
3. Behavioral Characteristics of the Evacuating Population
4. Roadway Network Assumptions

2.1 TRAFFIC EVACUATION ZONES

The foundation of the analysis is a system of traffic evacuation zones developed for use by the State of New Jersey and the subject counties by the Army Corps of Engineers. The latest SLOSH model output was mapped against the best available topographic and elevation data for each county. Draft maps of the surge limits by category of hurricane were provided to each county for input into the development of numbered evacuation zones.

Based on an examination of the surge limits, local roadway systems and census tract boundaries, the Army Corps of Engineers followed the approach to delineating evacuation zones most recently used in the Delmarva study area. This approach delineates vulnerability zones by neighborhood or recognizable community but may include areas subject to inundation for different categories of hurricanes. This approach makes it incumbent upon local officials to educate the public about storm surge limits relative to individual communities and encourage local residents to know their elevation above sea level. Figures 2-1 through 2-14 show the numbered evacuation zones and surge areas developed for the study.

Figure 2-1
Traffic Evacuation Zones and Storm Surge Limits
Southwest Area – Burlington County

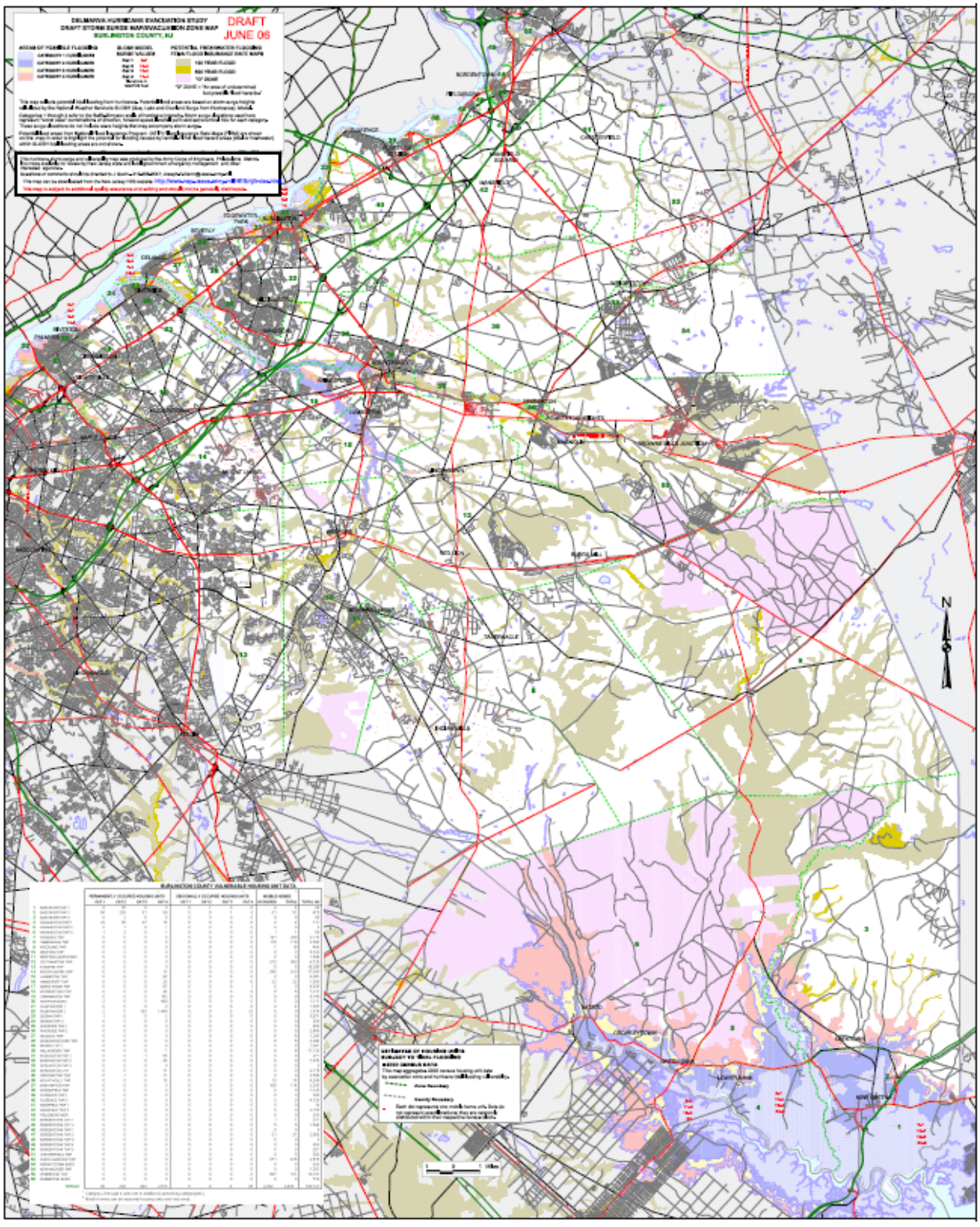


Figure 2-2
Traffic Evacuation Zones and Storm Surge Limits
Southwest Area – Camden County

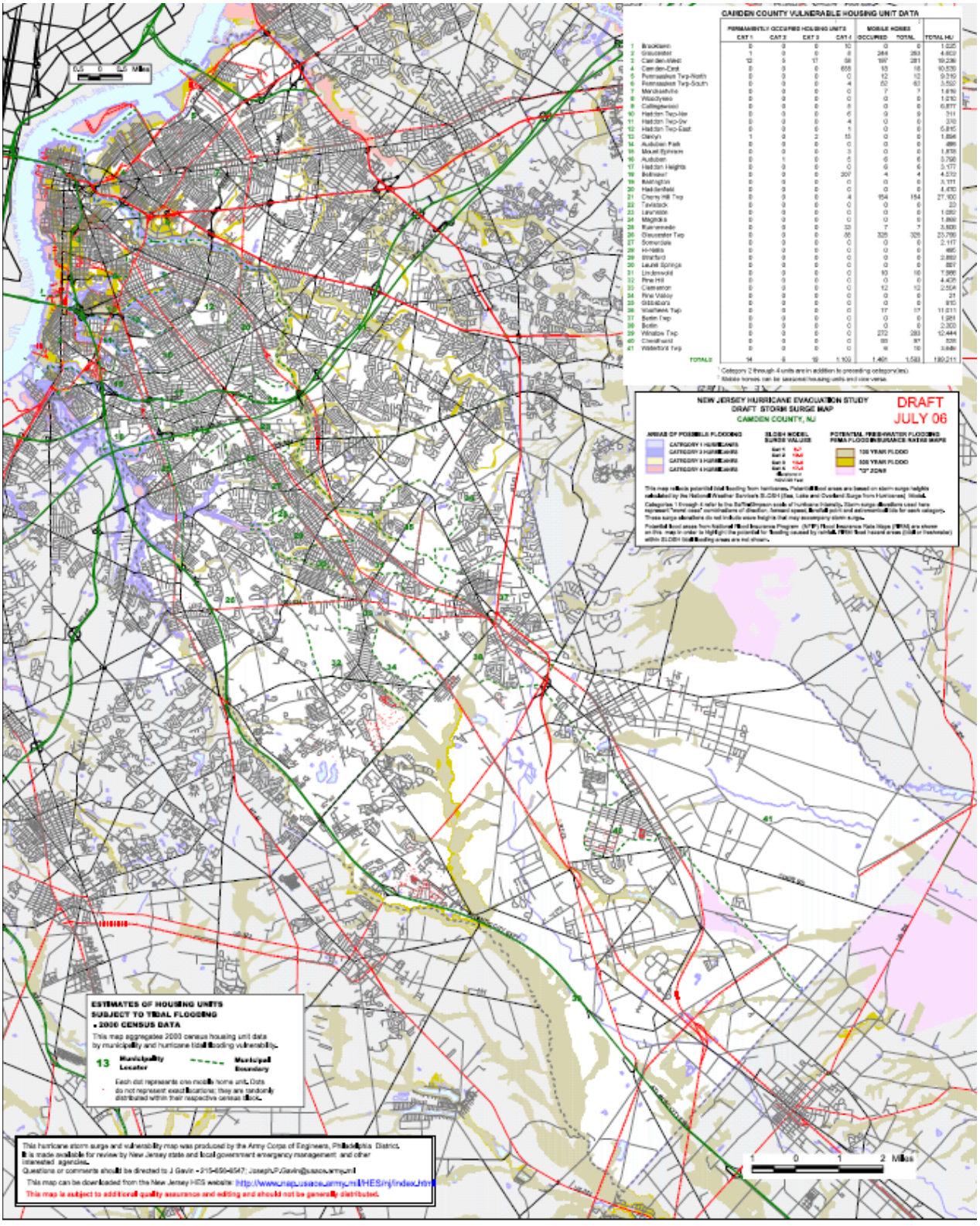


Figure 2-3
Traffic Evacuation Zones and Storm Surge Limits
Southwest Area – Gloucester County

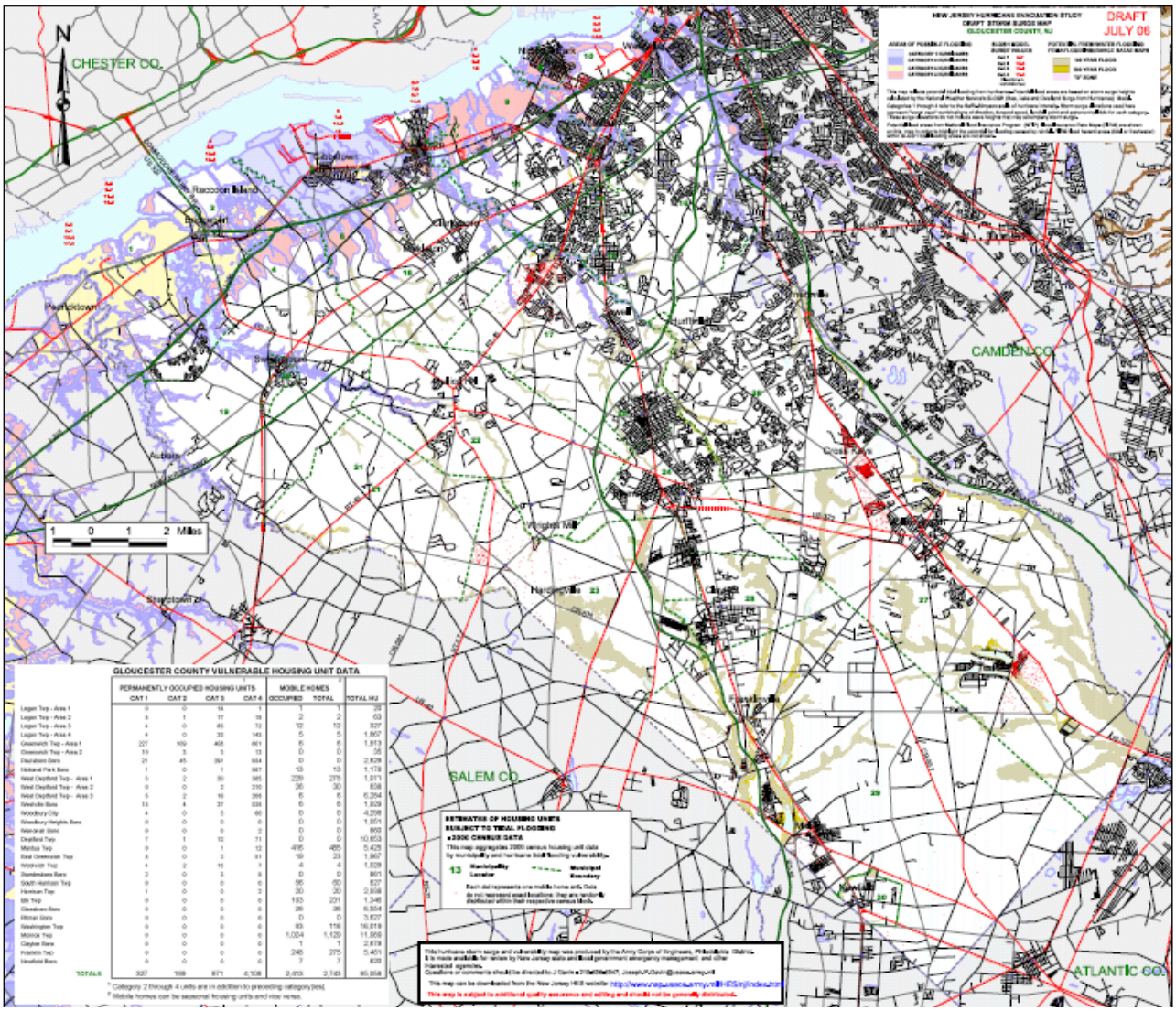


Figure 2-4
Traffic Evacuation Zones and Storm Surge Limits
Southwest Area – Salem County

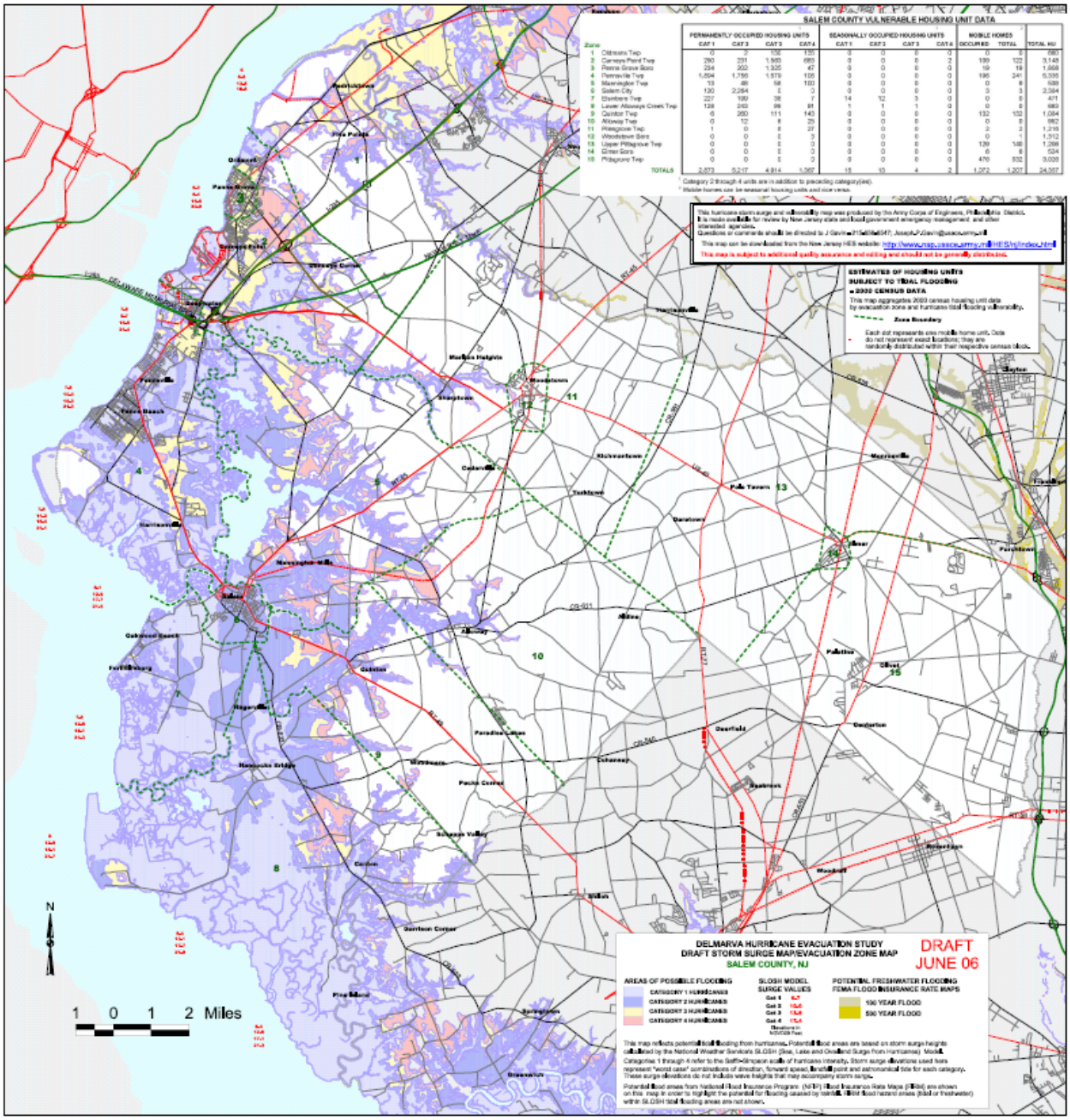


Figure 2-5
Traffic Evacuation Zones and Storm Surge Limits
Southwest Area – Cumberland County

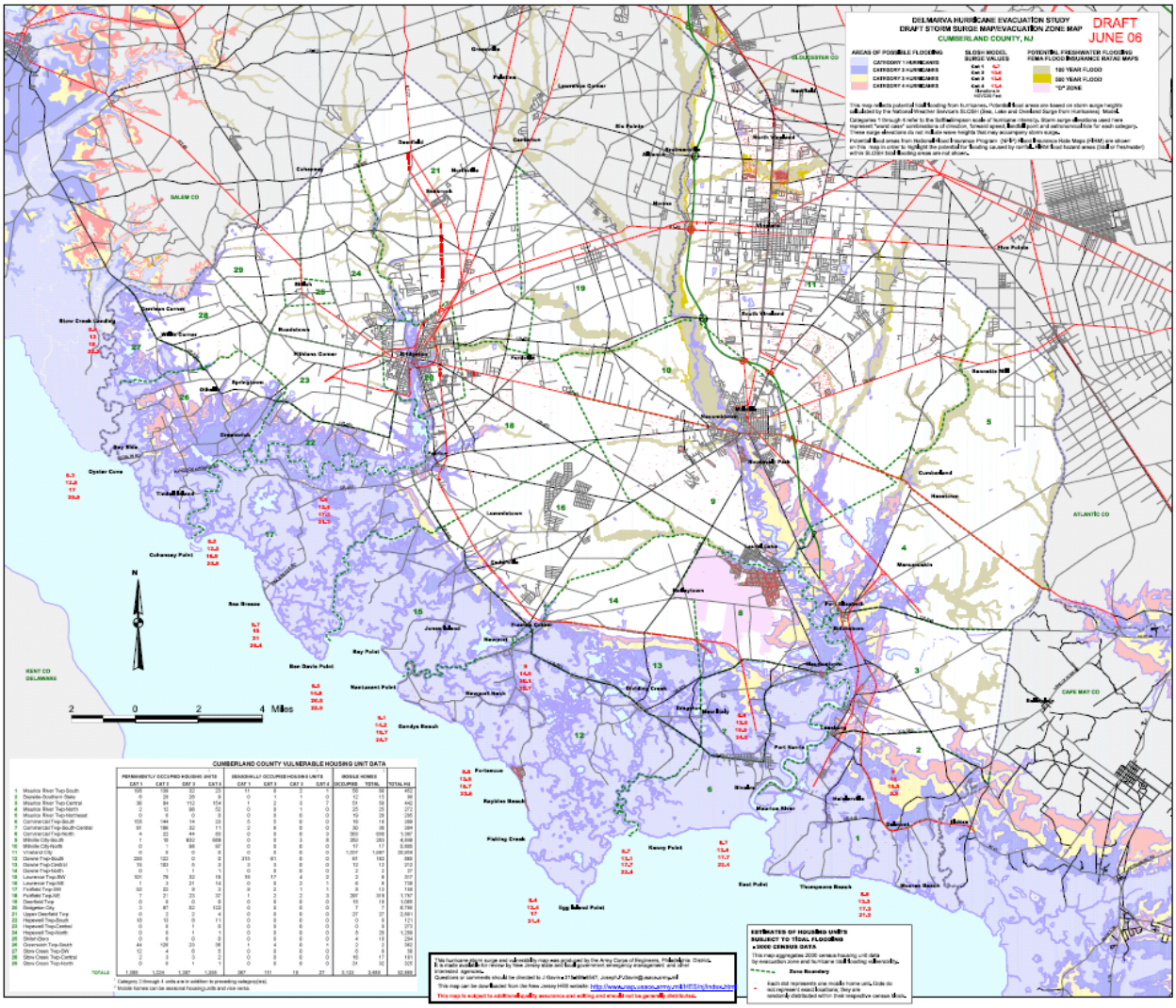


Figure 2-6
Traffic Evacuation Zones and Storm Surge Limits
Atlantic Coastal Area – Cape May County

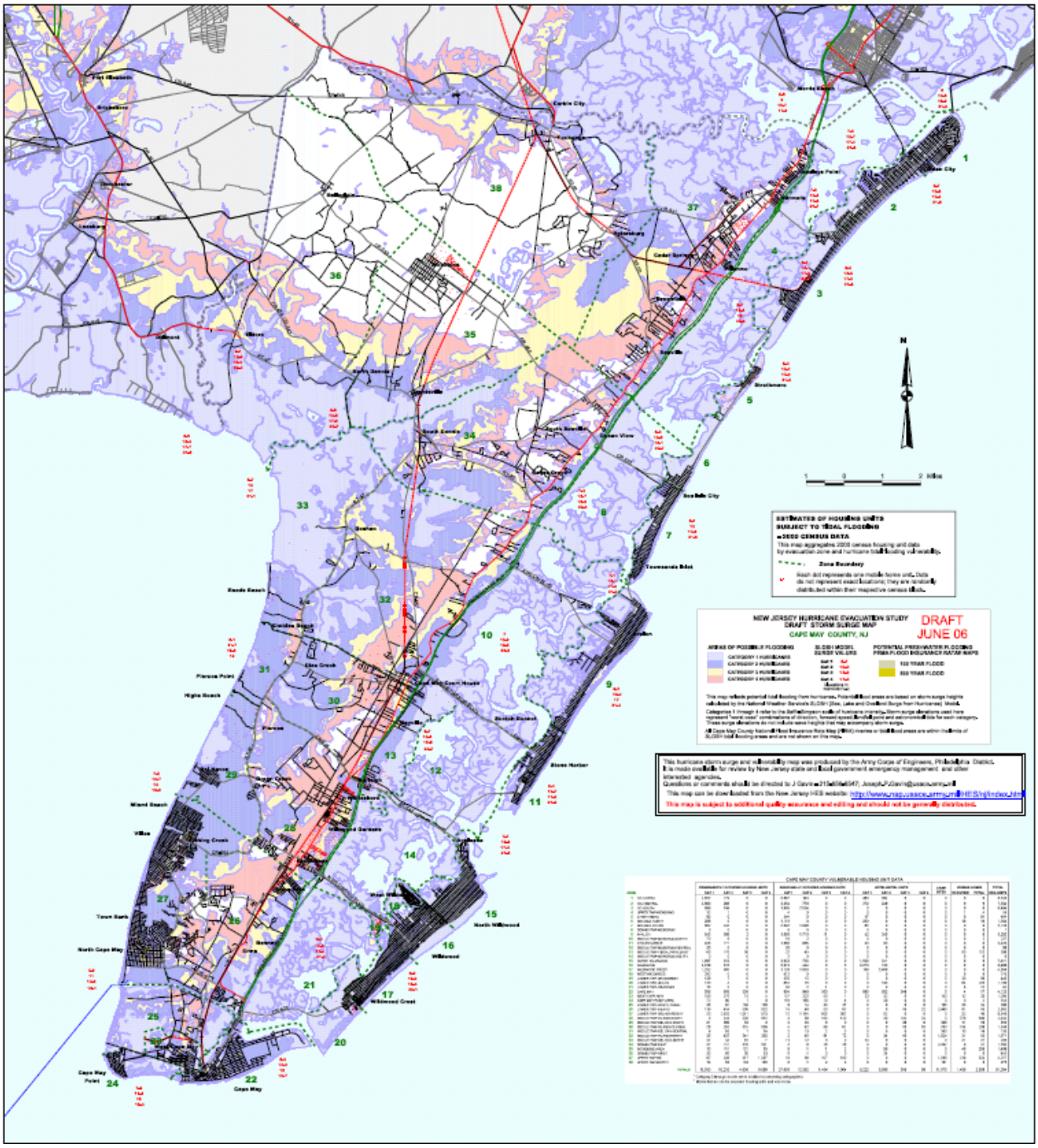


Figure 2-7
Traffic Evacuation Zones and Storm Surge Limits
Atlantic Coastal Area – Atlantic County

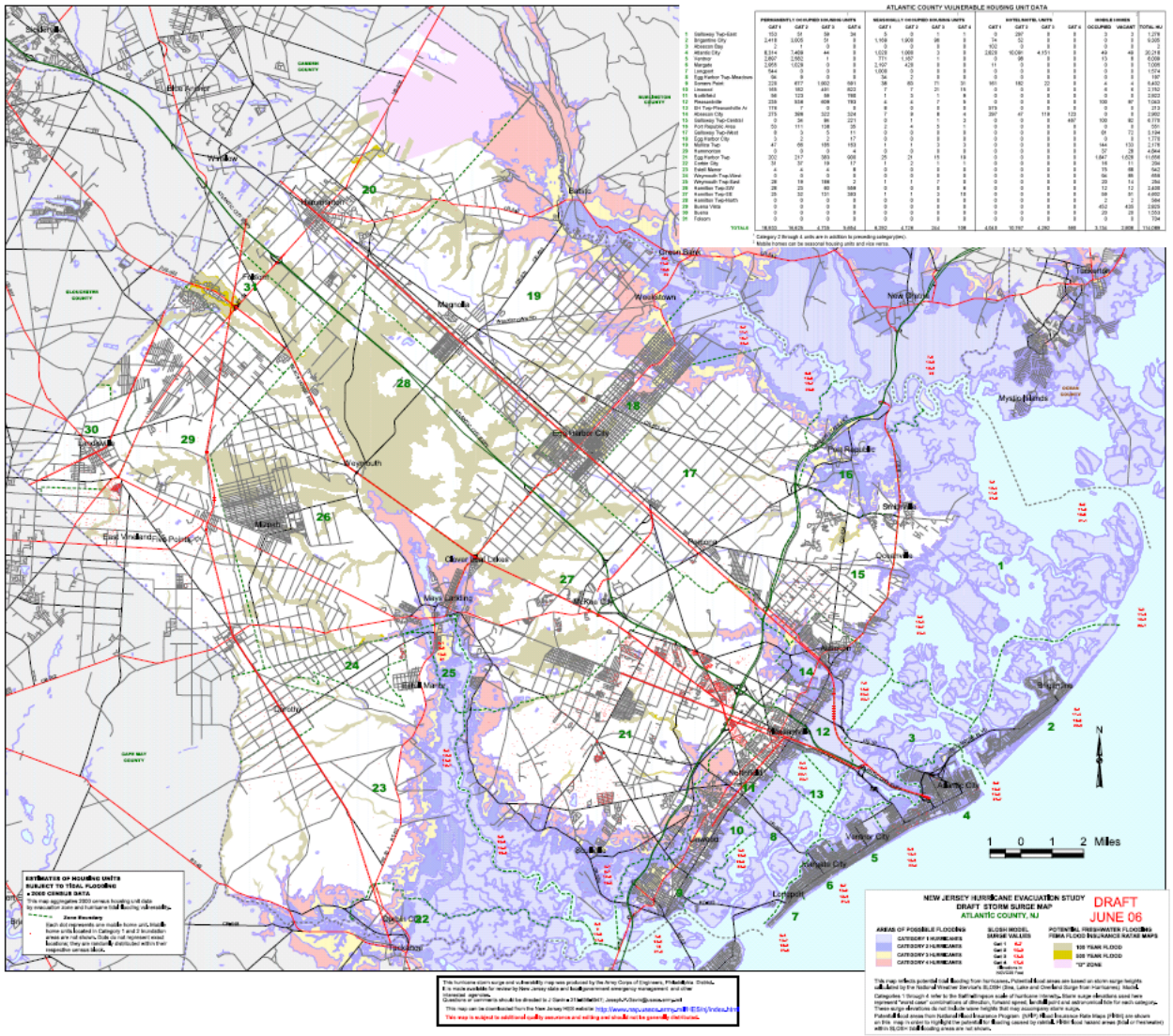


Figure 2-8
Traffic Evacuation Zones and Storm Surge Limits
Atlantic Coastal Area – Ocean County

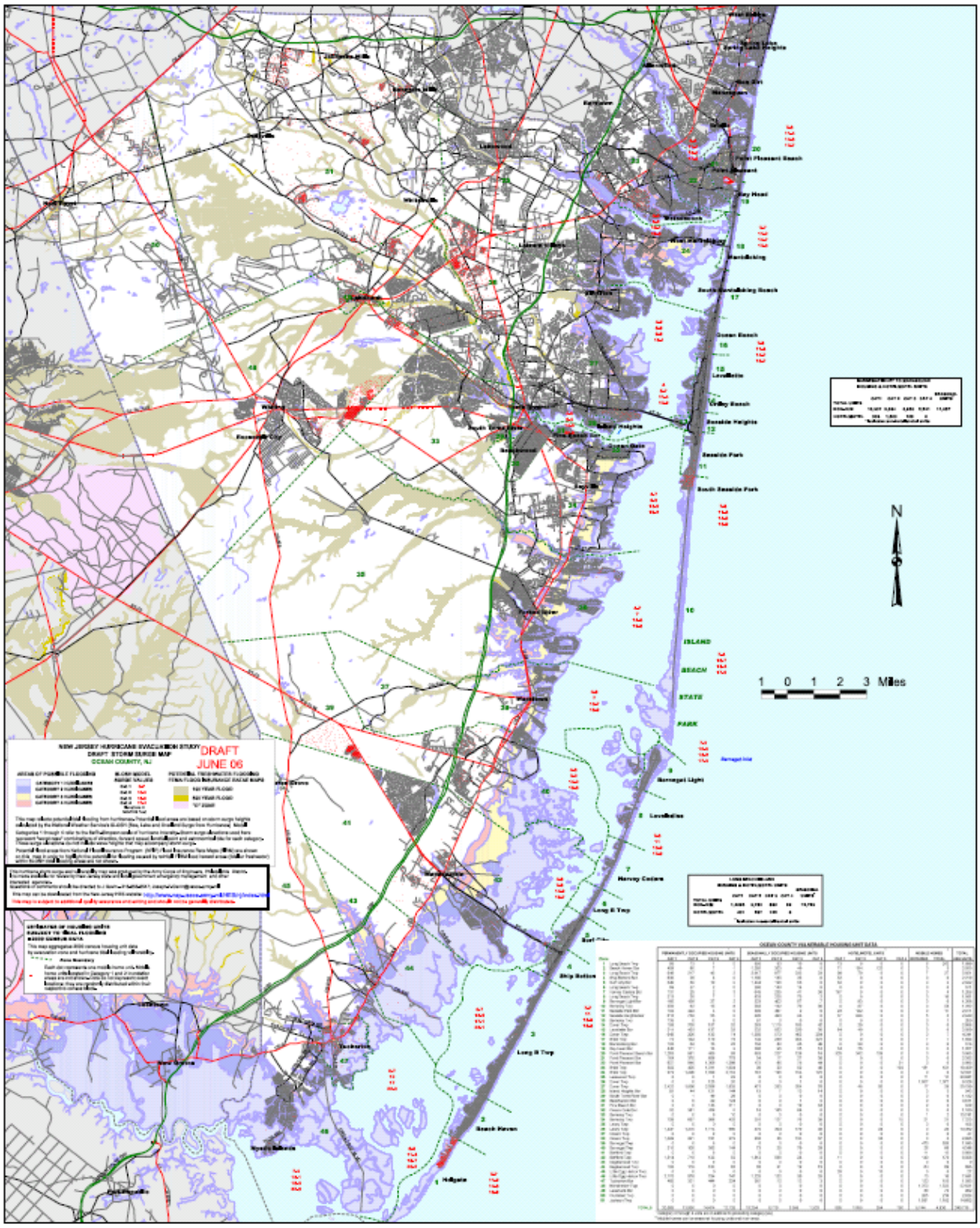


Figure 2-9
Traffic Evacuation Zones and Storm Surge Limits
Atlantic Coastal Area – Monmouth County

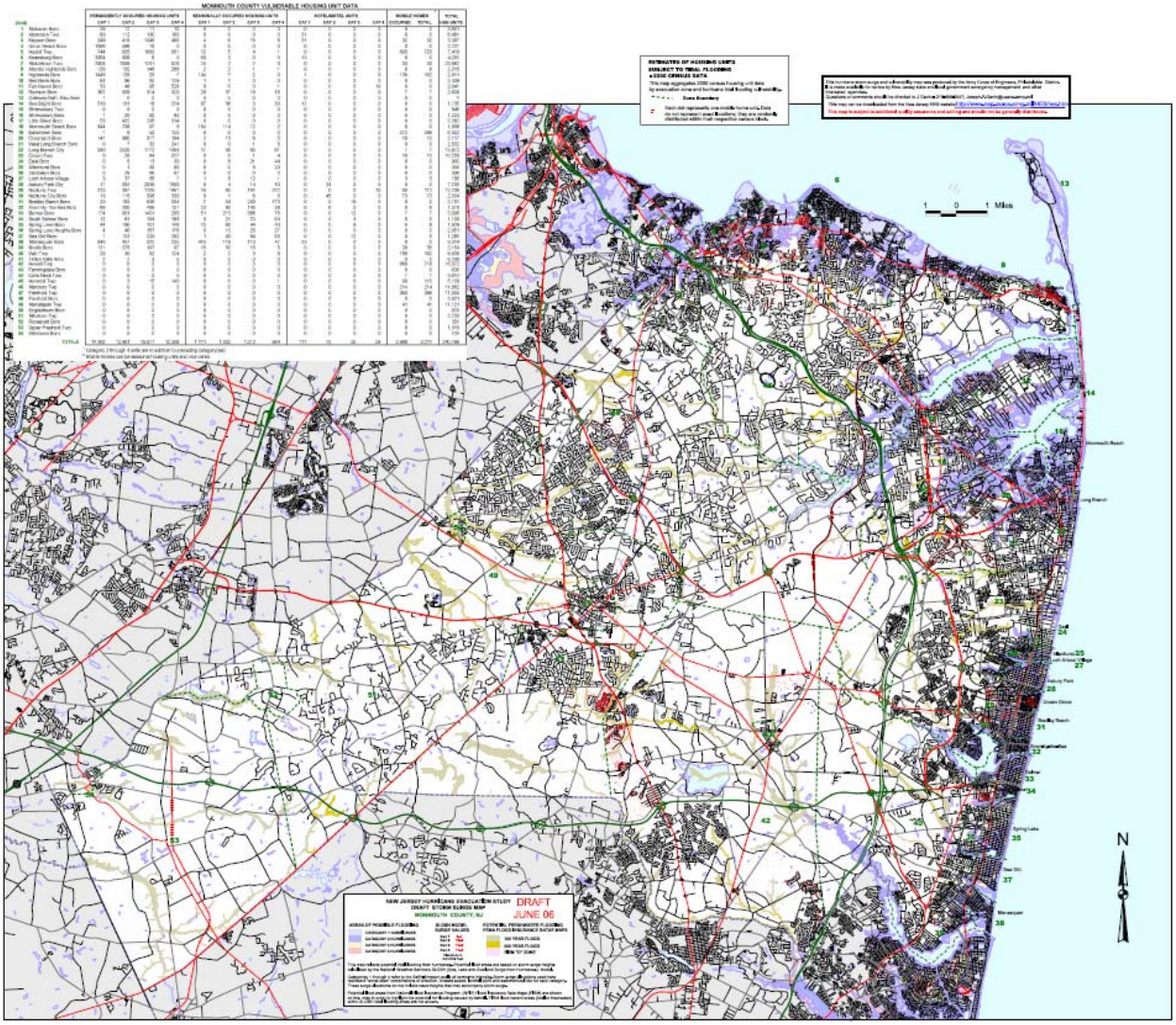


Figure 2-10
Traffic Evacuation Zones and Storm Surge Limits
Northeast Area – Middlesex County

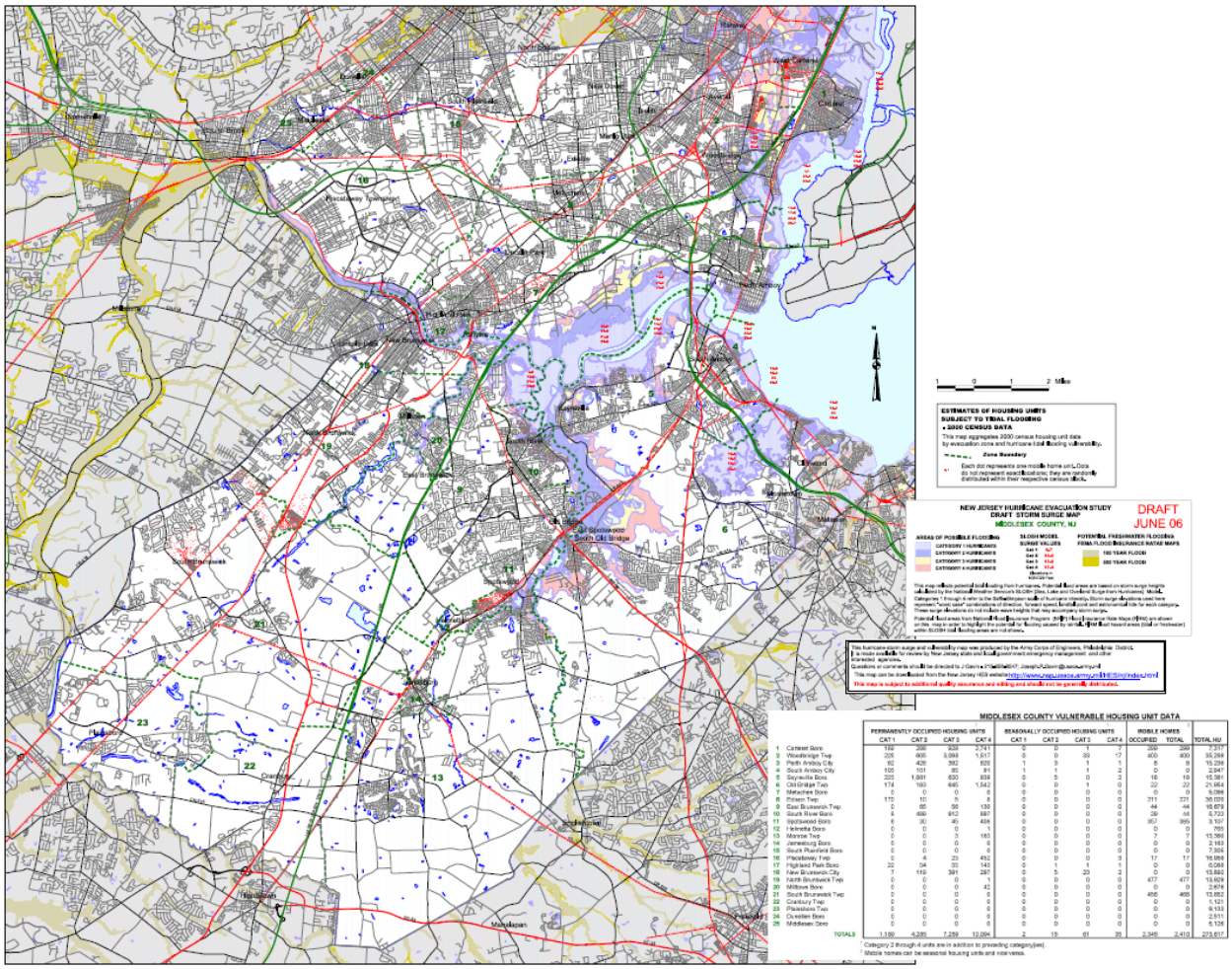


Figure 2-11
Traffic Evacuation Zones and Storm Surge Limits
Northeast Area – Union County

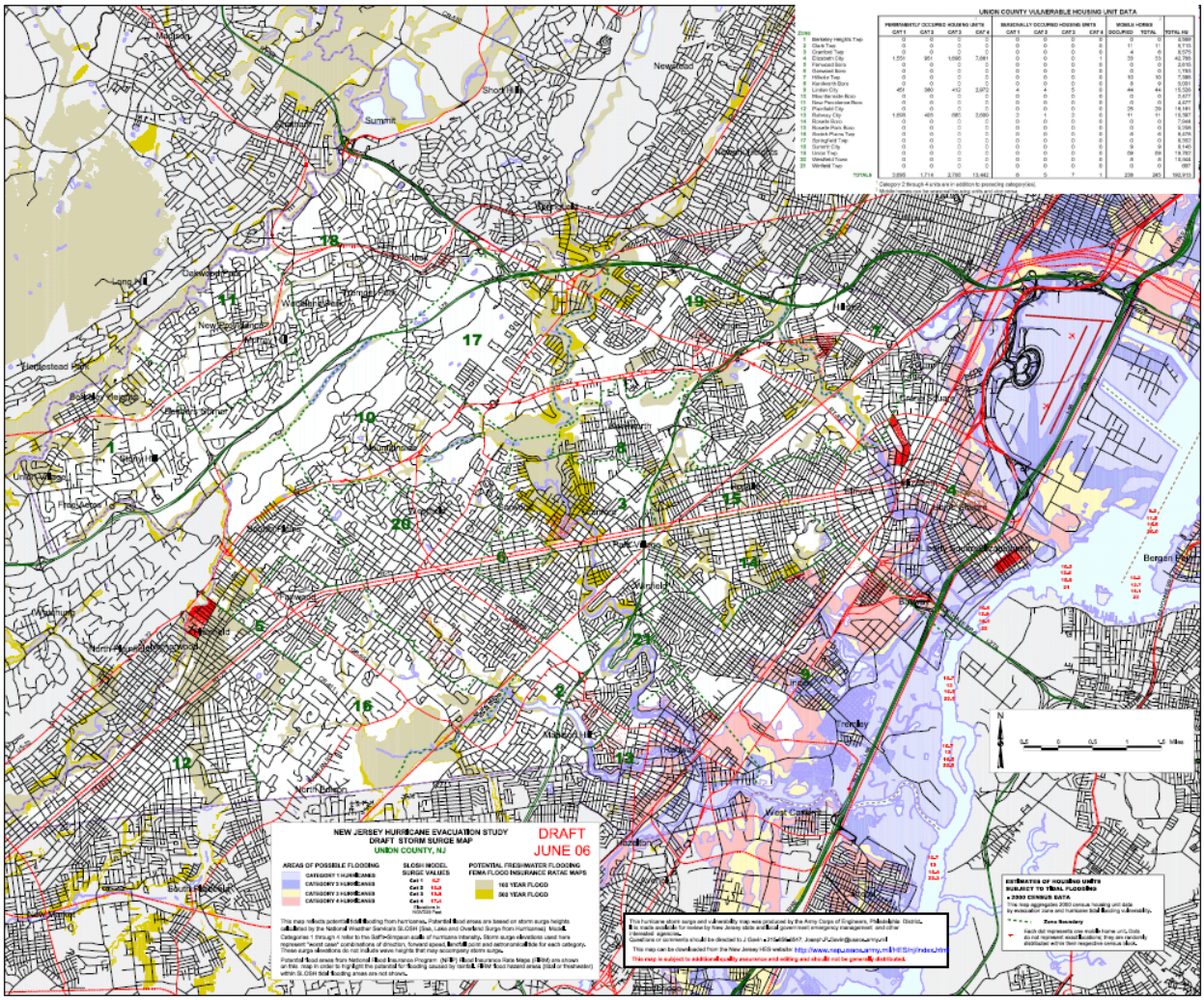


Figure 2-12
Traffic Evacuation Zones and Storm Surge Limits
Northeast Area – Essex County

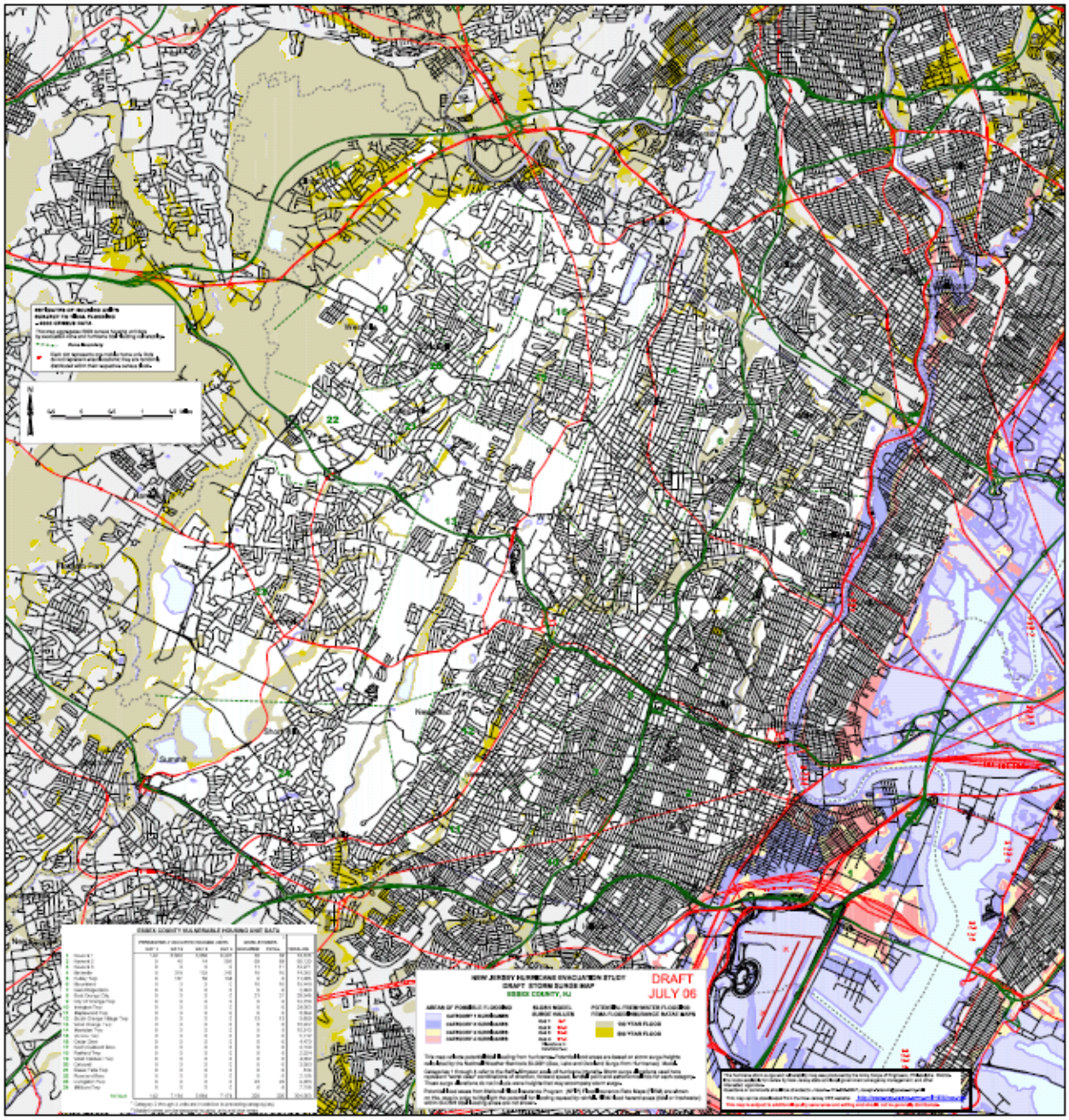


Figure 2-13
Traffic Evacuation Zones and Storm Surge Limits
Northeast Area – Hudson County

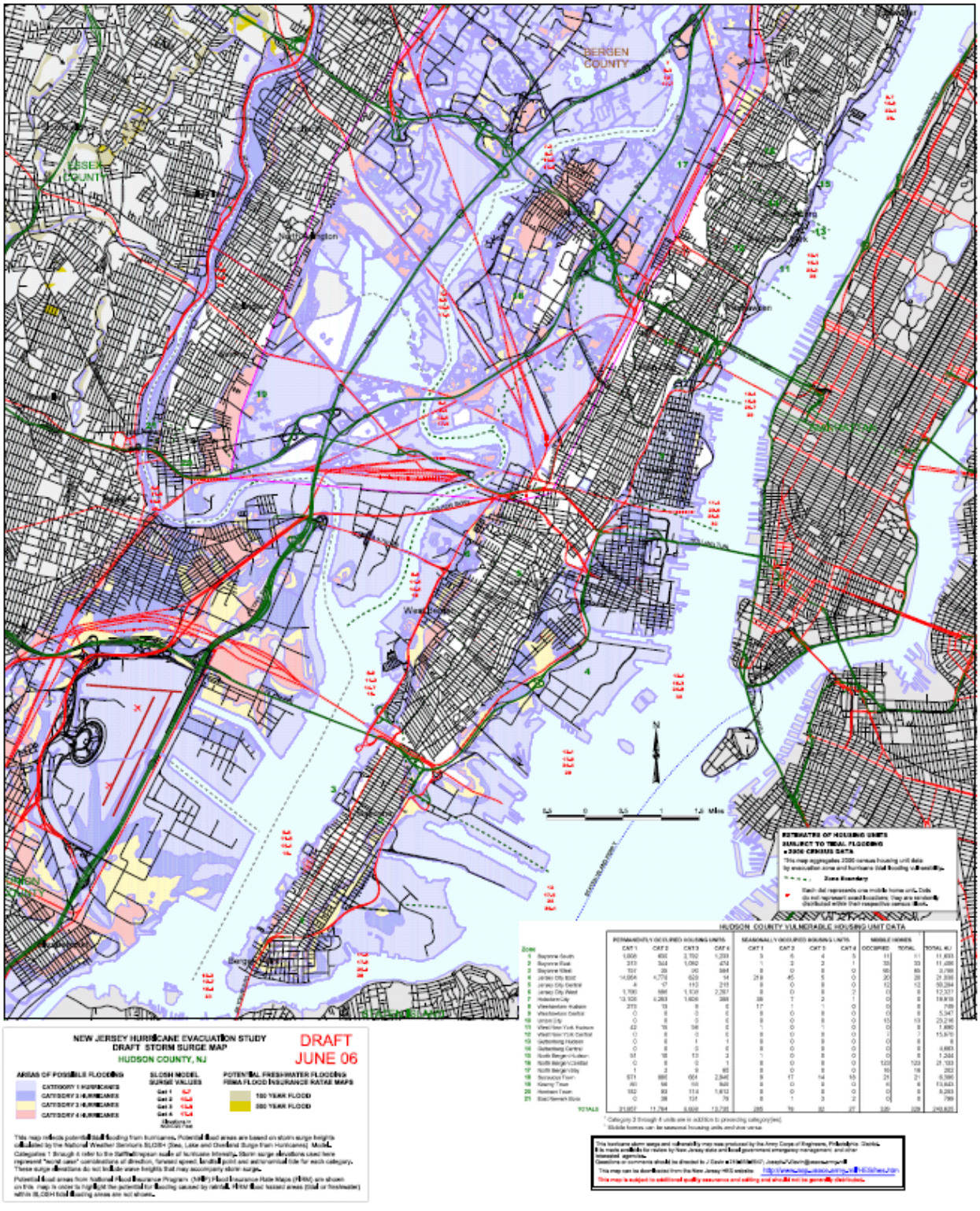
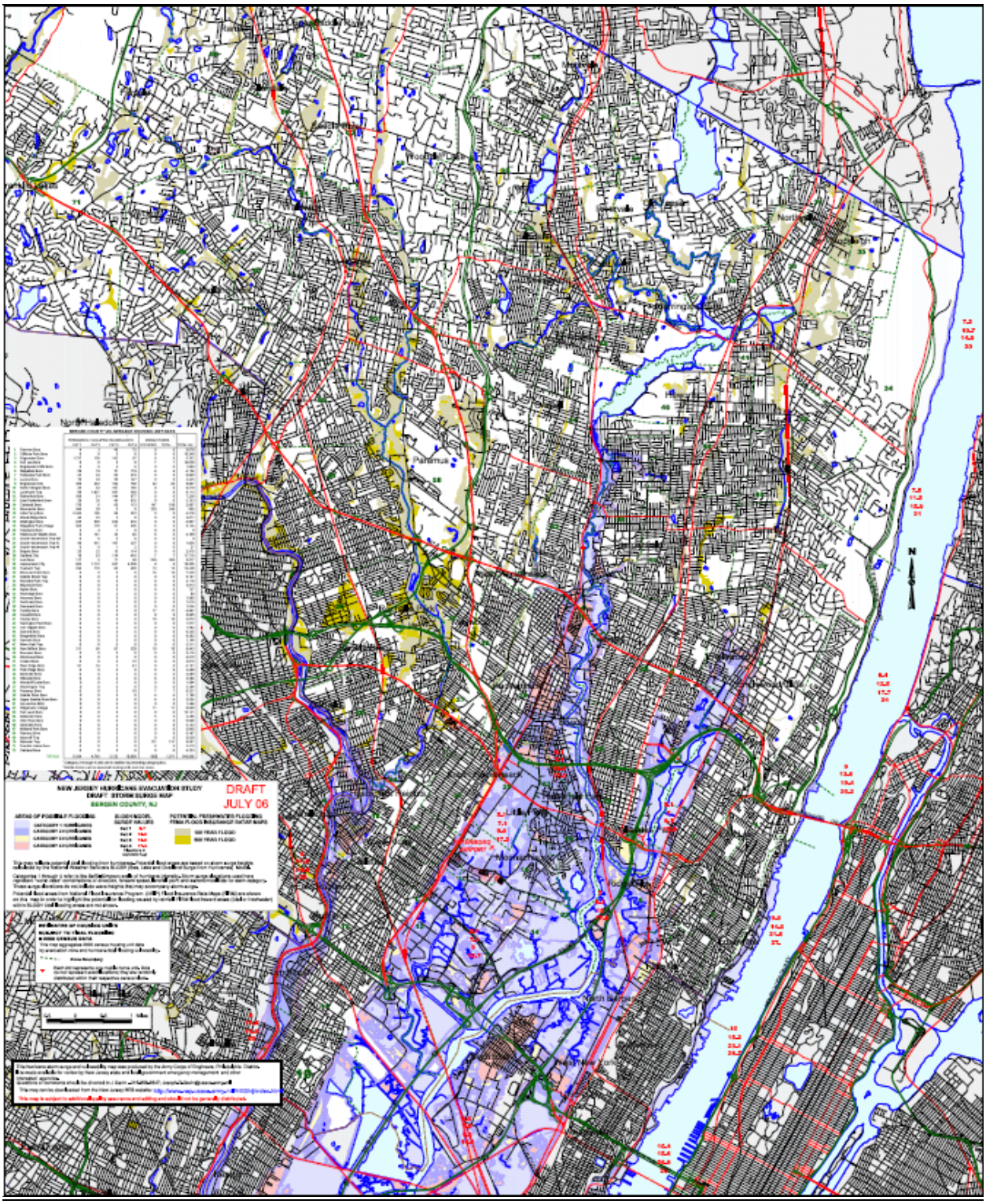


Figure 2-14
Traffic Evacuation Zones and Storm Surge Limits
Northeast Area – Bergen County



2.2 SOCIOECONOMIC DATA

Socioeconomic parameters were developed by the Army Corps of Engineers based on 2000 Census data and other available data sources. Separate socioeconomic spreadsheets listing each numbered evacuation zone were developed for those counties that are the principal drivers of an evacuation, including the counties of Cape May, Atlantic, Ocean, Monmouth, and Cumberland. The additional study area counties – Hudson, Salem, Union, Essex and Middlesex are aggregated in a single "North Jersey" spreadsheet (Salem County, although not in North Jersey, is included in this grouping). Passaic and Bergen counties, as they are impacted primarily by evacuation traffic passing through their jurisdictions, are not included in the data entry spreadsheets. Through an extensive process of coordination and interviews with state and local officials these data were vetted and additional data, where appropriate, was added. The Abbreviated Transportation Model (ATM) was developed to allow updates of all demographic data fields.

The abbreviated transportation model includes data on dwelling units, people, vehicles, and tourists for each subject county by numbered evacuation zone. Dwelling units include permanent occupied units, mobile home units and seasonal tourist units. Mobile home units are a subset of permanent occupied units. People include the estimated people per unit for the three types of dwelling units. Vehicles include the estimated vehicles per unit for each of the three types of dwelling units. Tourists include the average percentage of tourists occupying seasonal tourist units in low and high tourist occupancy scenarios.

A complete listing of the socioeconomic data sheets for each county is included in Appendix C.

Permanent Population Validation

Due to the continuing rapid growth experienced in New Jersey, some stakeholders expressed a concern that demographic data based on the 2000 Census might significantly underestimate population counts and therefore affect clearance time calculations. A data sensitivity analysis was conducted comparing 2000 Census populations with the 2005 population estimates for the primary counties included in the study area. The average rate of change across all of the counties, 3 percent, will have minimal impact on clearance time calculations, even in counties with notable 2000 – 2005 growth. All 2000 based data for study area counties had a variance of less than 10 percent from 2005 population estimates. Since the ATM was developed to allow user inputs, users may adjust data in specific fields based on estimated growth rates as deemed appropriate. Source population validation is presented in Table 2-1, below.

Table 2-1
Source Population Comparisons

NJ COUNTIES POPULATION COMPARISONS [1]

County	[2] Army Corps ATM Average People / Household	Army Corps ATM Permanent Units	[3] Army Corps ATM Population Estimate	[3] 2000 Census Population	[1] 2005 Population Estimate	[4] 2005 Percent Difference
Atlantic	2.7	93,669	252,552	252,552	271,015	**-7%**
Cape May	2.4	42,155	102,326	102,326	99,286	3%
Cumberland	3.1	47,618	146,438	146,438	153,252	**-5%**
Essex	2.9	273,816	793,633	793,633	791,057	0%
Hudson	2.6	230,551	608,975	608,975	603,521	1%
Middlesex	2.8	264,936	750,162	750,162	789,516	**-5%**
Monmouth	2.8	220,552	615,301	615,301	635,952	**-3%**
Ocean	2.6	198,221	510,916	510,916	558,341	**-9%**
Salem	2.7	24,189	64,285	64,285	66,346	**-3%**
Union	3.0	171,808	522,541	522,541	531,457	**-2%**
	2.8	1,567,515	4,367,129	4,367,129	4,499,743	**-3%**

Notes: 1] Annual Estimates of the Population of Counties of New Jersey: April 1, 200 to July 1, 2005

2] People per household based on county averages from the ATM.

3] Average people per household (times) permanent units from the ATM corresponds with 2000 Census population.

4] Percent differences between the ACE data and the other data sets. **Red** indicates ACE data is less than the comparison set.

Vehicle Usage Validation

The number of vehicles per permanent unit is derived from the US Census. Through stakeholder review of the draft ATM it was noted that some tourist units in coastal counties at the peak of the tourist season may experience high levels of vehicles. In order to reflect this potential, a weighted average of 1.56 vehicles per tourist unit was calculated to estimate tourists per tourist unit across all numbered evacuation zones. This level of tourist vehicles, on average, accurately reflects the relatively high number of additional vehicles that tourist contribute to the roadway network. These estimations are reflected in Table 2-2, below.

Table 2-2
Vehicles per Tourist Unit

Tourist Unit Type	Tourist Unit Capacity	Average Vehicles per Unit	Percentage of Unit types	Weighted Average
Standard Single Family Hotel / Motel	1	1	8	8
Standard Single Family Hotel / Motel	2	1	24	24
Standard Single Family Hotel / Motel	3	1.1	18	19.8
Standard Single Family House	4	1.25	12	15
Standard Single Family House	5	1.5	13	19.5
Standard Multi-Family House	6	2	13	26
Standard Multi-Family House	7	3	8	24
Standard Multi-Family House	8	5	4	20
			Vehicles / Unit =	**1.56**

Additional Tourist Units

Cape May County requested the inclusion of additional tourist units to reflect the potential for both marinas and campsites to generate evacuation traffic. Source data for campsites and boat slips was provided by the County. Data provided by municipality was proportionately distributed between the numbered evacuation zones included with the specific municipality. Only marinas with bath houses were assumed to account for additional vehicles to avoid double counting. It was assumed that tourists frequenting marinas without bath houses would either represent single day (day tripper) tourists that would not vacation in the event of a storm threat, or longer term tourists staying at other seasonal units. The additional tourist units estimated using this process were included in the Abbreviated Transportation Model. These calculations are reflected in Table 2-3, below.

Table 2-3
Additional Tourist Units Calculations
Cape May County

CAPE MAY COUNTY SOURCE DATA COMPARISONS [1]

Municipalities	[2] Dwelling Units	Hotel / Motel Units	[3] Campsites	[4] Marina Slips	Evacuation Zone ID Numbers	Evacuation Zone Totals
Avalon	5,360	599	0	146	9	1
Cape May City	4,175	3,255	0	200	22	1
Cape May Point	652	0	0	0	24	1
Dennis Township	2,459	14	5,400	110	8, 34, 36	3
Lower Township	14,447	268	2,812	2,205	18, 20, 21, 25-27	6
Middle Township	8,562	316	4,140	431	10, 12-14, 28-33	10
North Wildwood	8,156	2,302	0	83	15	1
Ocean City	20,804	2,736	0	70	1-3	3
Sea Isle City	7,107	218	0	159	6-7	2
Stone Harbor	3,431	233	0	0	11	1
Upper Township	5,913	70	2,417	265	4, 5, 37, 38	4
West Cape May	1,047	14	240	0	28	1
West Wildwood	799	52	0	96	19	1
Wildwood	7,278	4,321	0	662	16	1
Wildwood Crest	5,444	4,463	0	54	17	1
Woodbine	1,114	0	538	0	35	1
Subtotals	96,748	18,861	15,547	4,481		38
				896	(20% of marinas)	

Notes: 1] Relevant portions of the data table from Exhibit A to the Cape May County memorandum (dated March 15, 2007) reviewing Army Corps of Engineers presenation of the draft ATM (dated February 27, 2007) are summarized below.

2] Dwelling unit numbers from NJDCA construction records (May include permanent and seasonal dwelling units).
3] Camp site numbers from 2005 County Health Department annual report.
4] Marina counts from 2006 County Marina Study includes only marinas with bath houses.

2.3 BEHAVIORAL ASSUMPTIONS

An evacuation in New Jersey will involve evacuation decision-making by thousands of individuals and households. To determine the magnitude of evacuations in New Jersey, behavioral assumptions were made for residents and tourists in the area. Pursuant to the scope of work for this project, PBS&J reviewed best available previous behavioral analyses, including the study conducted by Hazards Management Group (HMG), which was included in the Delmarva Hurricane Evacuation Study Transportation Analysis (February 2007). This study is included in Appendix D. In addition to this study, PBS&J also reviewed reports on tourist trends to support behavioral assumptions related to tourists including , *The Tourist Satellite Account Perspective*, Global Insight (2006), and *New Jersey FY2005p Visitor Profile*, D.K. Shifflet & Associates, Ltd. (2006). The PBS&J team then used these data sources and nationwide experience to focus the transportation analysis on the following behavioral aspects:

- Participation rates - What percent of the population in different areas will evacuate their dwelling units for future hurricane threats;

- Evacuation response rates - How quickly will evacuees respond to specific protective action instructions from local and or state officials;

- Destination percentages - What percent of the population sub-area will evacuate to local public shelters, local hotel/motels, homes of local friends and relatives, or out of the county entirely; and

- Vehicle usage - Of the vehicles available to evacuating households, what percent of those vehicles will be used in an evacuation.

PBS&J relied on the following sources of input to develop behavioral assumptions by evacuation zone:

- Discussions concerning expected behavioral response with county emergency management staff; and

- National hurricane behavioral trends ascertained by PBS&J and HMG in recent studies.

A great deal of judgment was needed in order to develop the necessary parameters on a zone-by-zone basis. PBS&J has accumulated a wealth of experience in the region (Delmarva and New York) and around the country developing and applying behavioral parameters for evacuation analysis. This experience aided significantly in the process of generating assumptions.

The primary behavioral assumptions made by zone were developed early in the modeling process. The primary participation assumptions are as follows:

- Zones that will be evacuated for storm surge were assumed to have a 100% participation rate. This reflects a mega-participation rate. While responsibly high, these rates reflect a higher shadow participation rate than normally used, and anticipate the potential for fast moving storm events. As a matter of public safety, the clearance times calculated in this study should allow those who are vulnerable to storm surge the opportunity to evacuate whether they choose to or not.

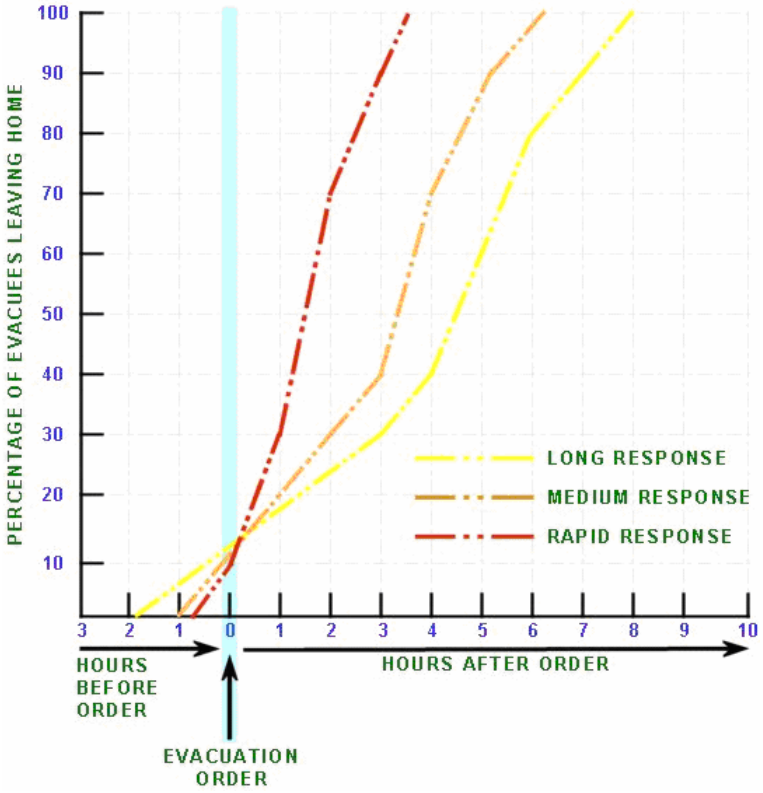
- A portion of the theoretically non-vulnerable population (shadow evacuees) is also assumed to evacuate in the model; in an actual evacuation, the percentages could be higher than the figures used for modeling purposes particularly for more intense hurricanes; this difference however will balance out with less than 100% of surge residents participating in an actual event.

- The mobile home evacuation rate in storm surge vulnerable areas is assumed to be 100 %. In addition, all mobile homes lying in inland zones are assumed to evacuate in Category 3 and 4 events, although in Category 1 and 2 events slightly less than 100% of the residents of mobile homes living outside of the surge risk zones were assumed to evacuate to make the analysis more realistic.

One set of critical behavioral assumptions included in the transportation analysis involves the rapidity of evacuation response by the evacuating population, or establishing how quickly the vulnerable population will respond to an evacuation order or advisory. Behavioral data from past hurricane evacuation research demonstrates that mobilization and actual departures of the evacuating population can occur over a very brief time, or over a period of many hours. To account for this variation, clearance times were tested for three evacuation response rates represented by different behavioral response curves. The response curves in Figure 2-15 reflect rapid, medium and long responses and are designed to include the range of mobilization times that may be experienced in a hurricane evacuation situation.

Figure 2-15

Evacuation Response Rates



A second essential input into the transportation analysis involved the percentage of evacuees assumed to travel to one of two general destination types by plan. These assumptions include the expected percent of evacuees from each zone traveling to local destinations (such as public shelters, hotel/motel units, the home of a friend or relative) or out of the county entirely. Destination percentages were varied for each traffic evacuation zone in the county depending on the category of risk (distance from the coastline), or special characteristics of a zone such as a high number of mobile home units. Assumptions were also varied for permanent residents versus tourists. One important behavioral aspect built into the rates is that a larger percentage of evacuees will go out of the county for each successive step in storm intensity. In addition, it is assumed that most tourists in all storm events will travel out of county during the evacuation.

The final set of behavioral assumptions concerns vehicle usage rates during an evacuation. Vehicle usage rates pertain to the percentage of vehicles available at the home origin, assumed to be used in the evacuation. New Jersey, unlike many coastal states, has a robust public transportation network. Bus routes serve all of the coastal counties in the study. Major rail links provide significant access to beach communities and tourist destinations in Atlantic and Monmouth counties. Despite the availability of public transit, vehicle usage percentages are relatively high (70% to 80%) for permanent resident and even higher (85% to 95%) for tourists. Any variation in vehicle usage

within storm scenarios relates to the relative risk of storm surge inundation within particular numbered traffic evacuation zones. These assumptions are consistent with other studies along the eastern seaboard of the United States.

Other factors may affect evacuation response rates, including the timing of a hurricane evacuation order. Reaching people when they can be reached is an important factor. Hurricanes are by nature unpredictable. Storms can rapidly intensify or increase their forward motion. Windows of opportunity exist for enhanced or more rapid evacuation responses from the public. During weekdays, evacuation orders issued in the early morning (5 am – 7 am) or during dinner hours (5 pm – 7 pm) may reach a broader audience and result in more rapid responses although during the weekend when less people are at work there may be less of a difference. On any day of the week, the issuance of an evacuation order at 3 am when people are generally asleep may also result in a slower evacuation response rate than one issued at 7 am as people are beginning to start their day. Variations in clearance times for rapid, medium and slow responses to a hurricane evacuation are part of the clearance times estimates included in the report. Clearance times are typically based on a medium response.

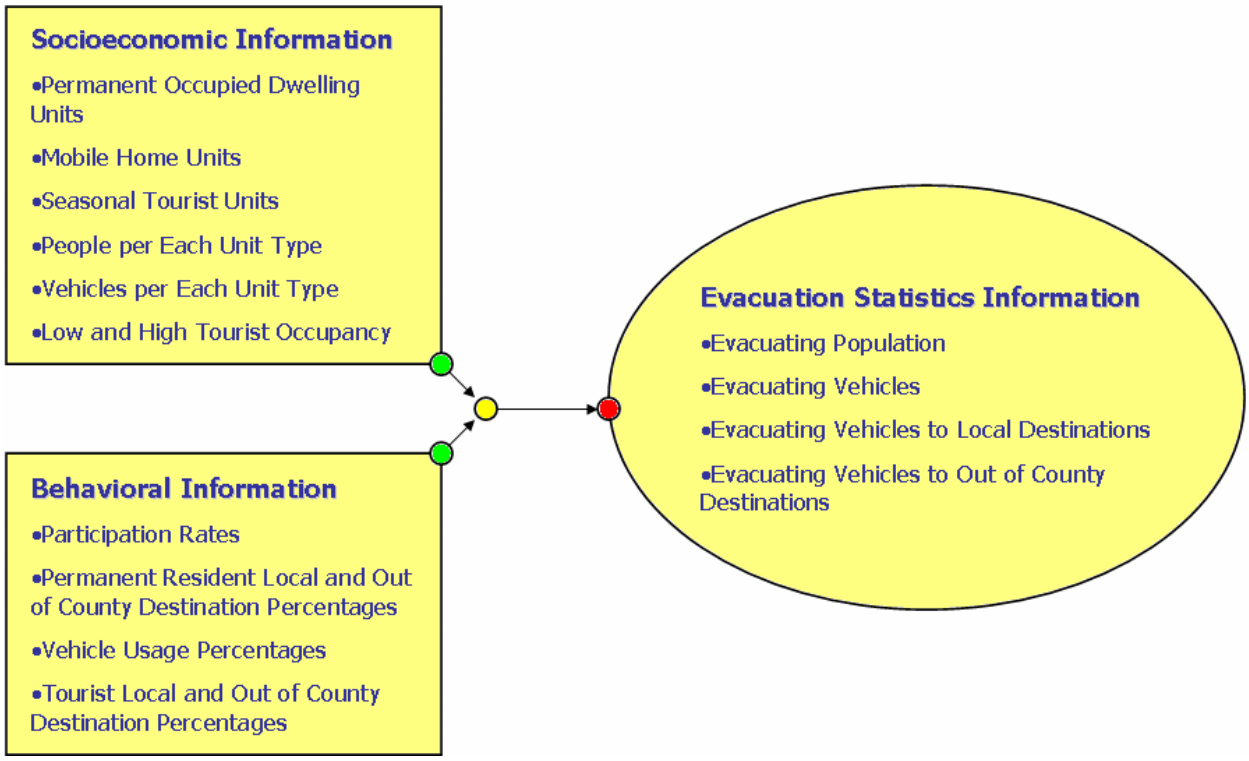
A complete listing of the Behavioral data sheets for each county is included in Appendix E.

2.4 EVACUATION STATISTICS

Applying the behavioral assumptions by county, zone and scenario to the socioeconomic data described in Sections 2.2 and 2.3 above yields a number of statistics related to how many people would evacuate, how many vehicles would be used, and how many might seek refuge within the subject county versus evacuating to an out of county destination. Figure 2-16 illustrates and summarizes the key socioeconomic and behavioral assumptions that are combined to produce this information. Appendix F provides a complete listing of the Evacuation Statistics model outputs and tabulations for each county in the study area.

Figure 2-16

Socioeconomic and Behavioral Inputs to Evacuation Statistics



2.5 ROADWAY NETWORK CHARACTERISTICS

A final group of assumptions used for input to the transportation analysis is related to the roadway system chosen for the evacuation network and traffic control measures considered for traffic movement. Although the assumptions developed for the transportation analysis are general, the efforts at the county and municipal level regarding traffic control and roadway selection must be quite detailed. In areas throughout the region most intersections will be controlled by existing traffic signals. However, as resources permit, traffic control officers will be stationed at bottlenecks identified in this study, as well as other local locations of concern. A detailed law enforcement assignment to major bottlenecks involves extensive coordination among local and state officials. This study does not presume to replace those efforts, but seeks to quantify the time elements within such personnel would operate.

Officials from the State of New Jersey and study counties were provided with the opportunity to review draft information regarding the evacuation network maps. A common point of feedback was the need to utilize as many major north and west bound routes as possible. Officials from New Jersey State Police indicated that the evacuation roadway network as proposed would be used, including strategies for reverse lane / contra flow operations along designated segments of State

Route 47 in Cape May County. State and local emergency management officials indicated that there were no current road closures that would affect the evacuation network maps. The roadway network used for the New Jersey Hurricane Evacuation Study is presented in Figure 2-17.

Directional traffic service volumes appropriate for evacuations were established for each link of the evacuation roadway network. This was accomplished by determining number of lanes, facility type, and area type information from highway maps available from state and local government officials, as well as "field checks" performed by PBS&J. Tables were then used to specify a directional evacuation service volume based on link characteristics. The primary link characteristics used were number of lanes by direction and facility type. Figure 2-18 shows the year 2007 directional service volumes for bottlenecks and critical roadway segments used for the evacuation clearance time analysis for New Jersey.

Important assumptions concerning the evacuation road network for the analysis that must be mentioned are:

- The evacuation of all vehicles will occur prior to the arrival of sustained tropical storm force winds (39 mph) and storm inundation of evacuation routes.

- Provisions will be made for the removal of vehicles in distress on the network through aggressive incident management and agreements with tow truck operators.

Figure 2-17

New Jersey Evacuation Roadway Network Map

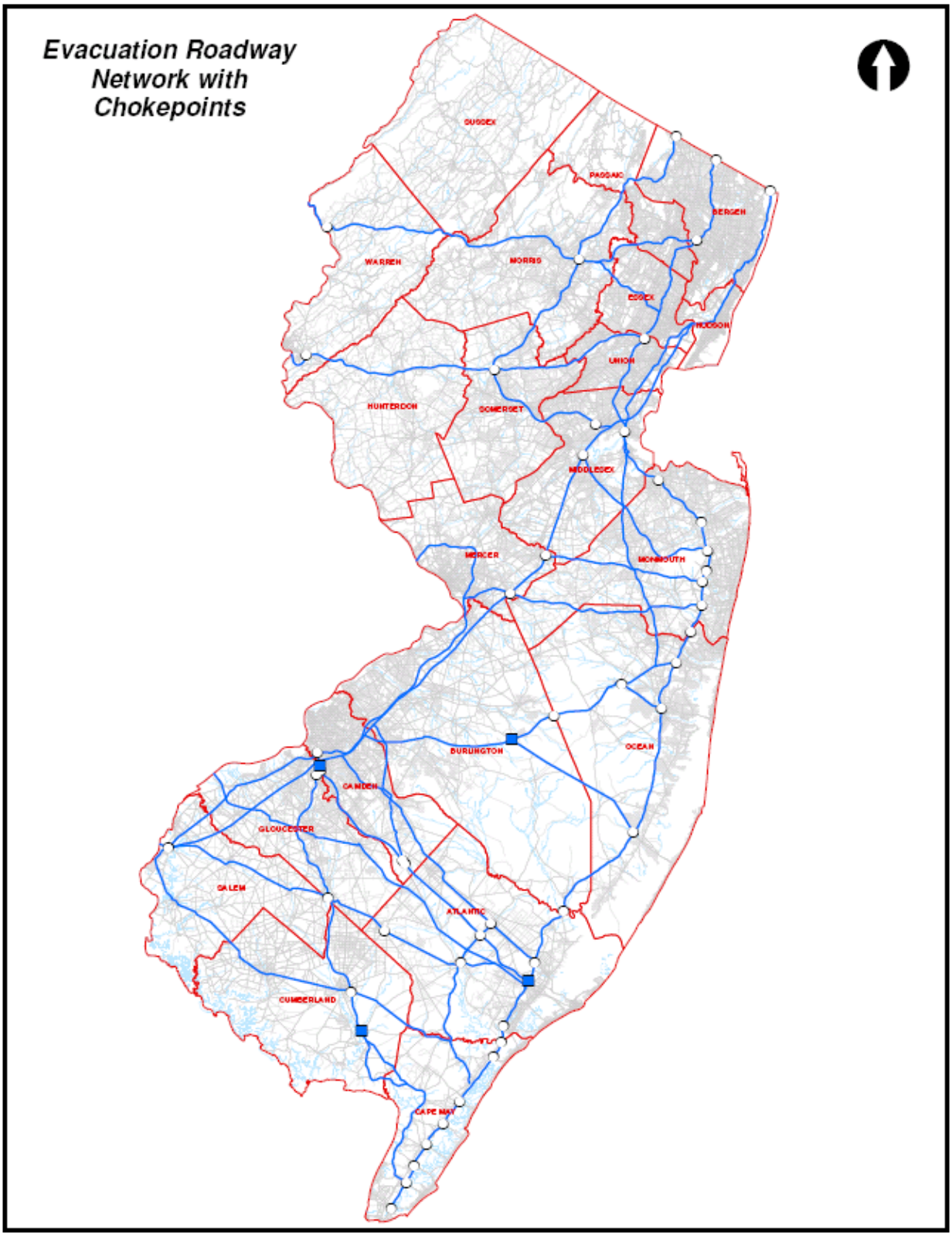
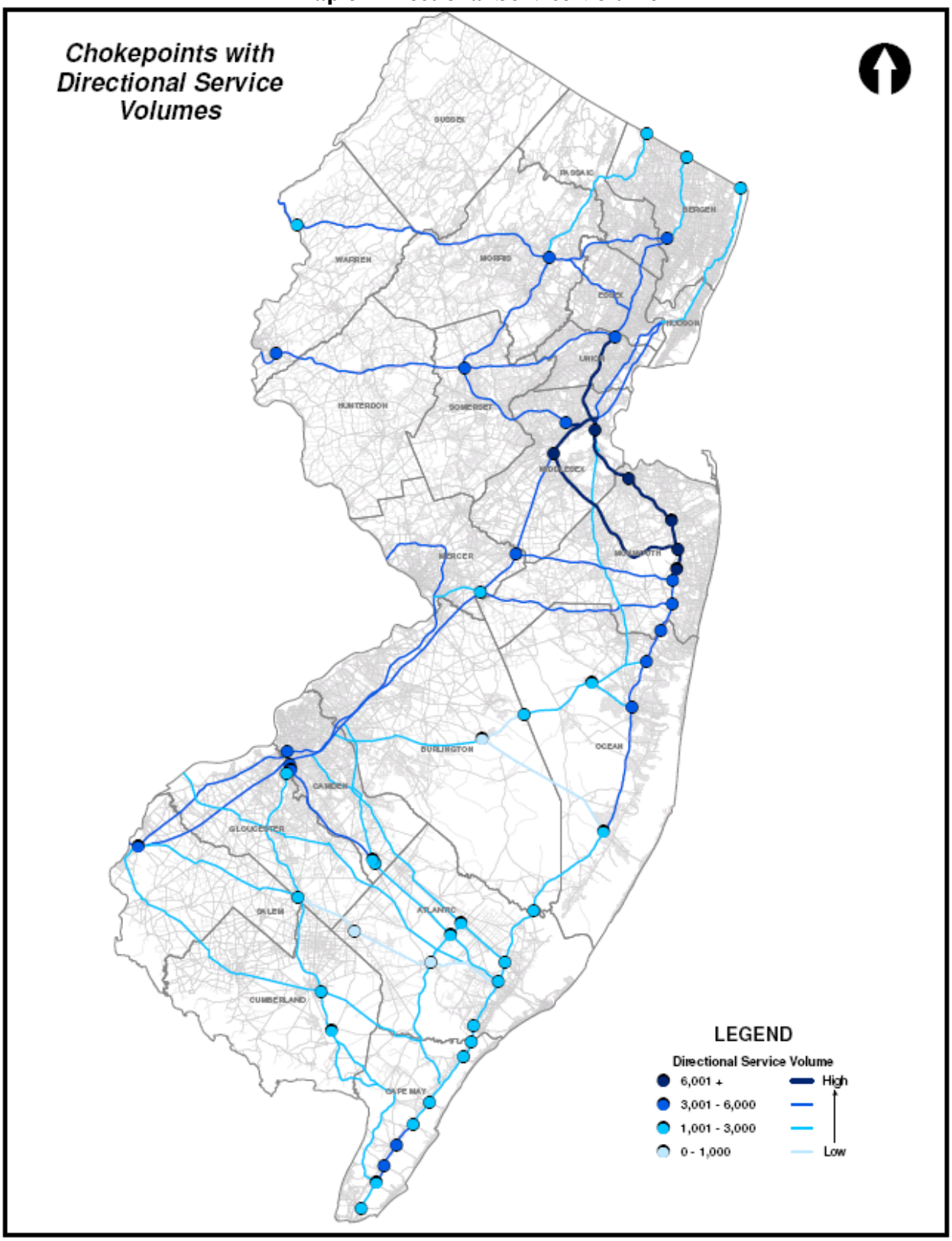


Figure 2-18

Map of Directional Service Volume



3.0 EVACUATION CLEARANCE TIME MODEL APPLICATION

The model tool developed for this study is an Abbreviated Transportation Model, or ATM. The ATM allows for users to modify key input parameters to test alternative evacuation scenarios. The modeling process, using the inputs and assumptions discussed in Section 2, produced several key data items and forecasts for hurricane evacuation planning and preparedness, including:

- Evacuating people and vehicle statistics by evacuation zone by storm scenario;
- Traffic volumes and critical roadway segments by scenario; and
- Estimated clearance times by scenario.

Although an extensive amount of data is generated through the transportation analysis, the items listed above constitute the most critical outputs for planning relative to anticipating bottlenecks and defining the timing constraints of an evacuation.

3.1 CLEARANCE TIME MODEL DESCRIPTION

The general philosophy supporting all of PBS&J's hurricane evacuation clearance time work around the country is that the analysis must be technically complex enough to produce reliable estimates of hurricane evacuation clearance times, yet clear enough for the emergency management community to be able to review key modeling assumptions and products. A brief overview of the steps in the modeling process and a description of the computer program framework used in the modeling steps are discussed in this section.

The key modeling steps used in the analysis are as follows:

- Development of Evacuation Zones and Data - Identifies who is vulnerable and who is evacuating;
- Trip Generation - Calculates how many evacuees will move for a particular plan;
- Trip Distribution - Determines where evacuees will go;
- Development of Evacuation Road Network –
    - Establishes which roads can be used for evacuation; and
    - Quantifies the carrying capacity of each evacuation roadway segment; and
- Trip Assignment - Determines what route(s) evacuees will use to get from their point of origin to their destination.
- Calculation of Clearance Time - Determines how much time it will take for all evacuees to clear the evacuation network

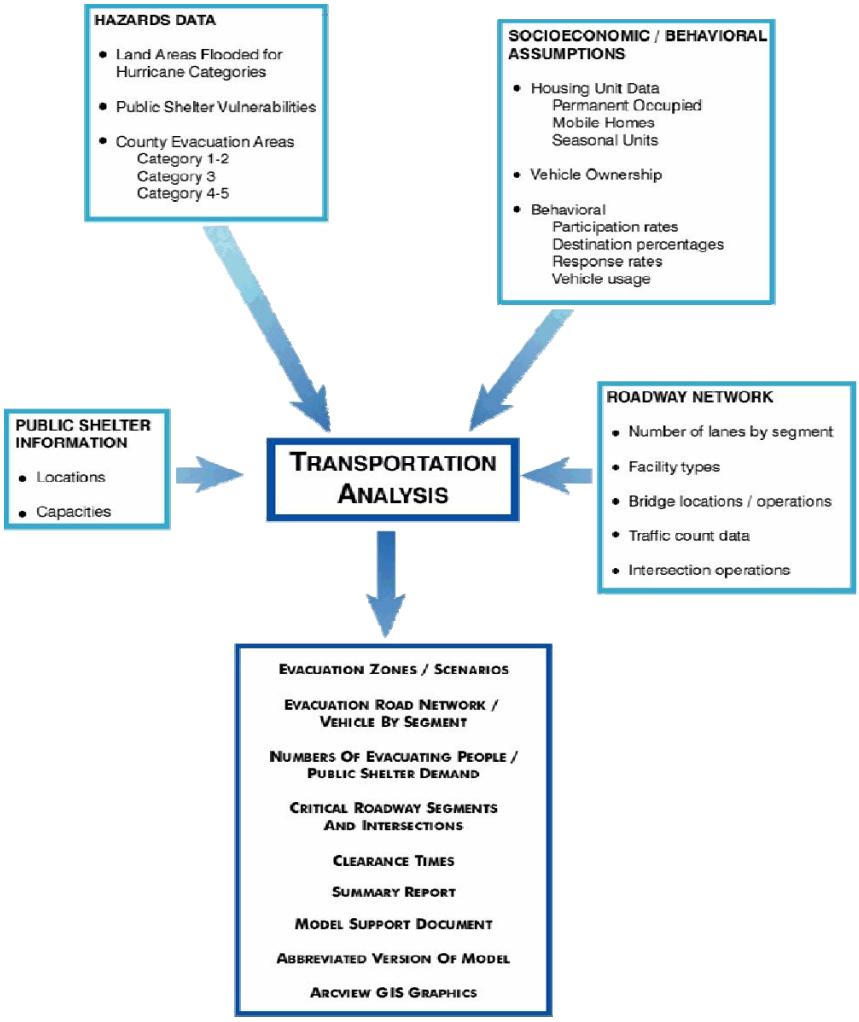
PBS&J developed an in-house set of PC-based applications to facilitate the transportation modeling steps described above. The programs are prepared in a Microsoft Office Excel 2003 environment and were originally developed in the early 1990's by PBS&J. The model was updated dramatically in 2000. As part of the deliverables for this study PBS&J will provide local governments, state agencies, FEMA, and the USACE with the ATM that will allow them to retroactively adjust route capacity and demographic or behavioral inputs by county. This abbreviated model is designed to facilitate analysis of the clearance time impacts caused by growth, development and other changes to evacuation related characteristics in the modeled counties and regions.

One important aspect of operating in the Excel environment for this study is the ability to import compatible data files directly into the program. In addition, the outputs of other programs are easily captured and exported to ArcView GIS for displays and mapping. Overall, the use of GIS by PBS&J significantly enhanced the process of technical data development and documentation in the study.

The major inputs and outputs of the overall process are illustrated in Figure 3-1.

Figure 3-1

Clearance Times Model Process



3.2 VARIABLE ACCURACY AND CONFIDENCE LIMITS

The accuracy of the clearance times included in this report are limited by the best available data and the levels of confidence associated with other data used in developing the components of a hurricane evacuation study, such as the hurricane evacuation zone maps and the transportation evacuation network. Efforts have been made to obtain the best available input data. This data has been compared, where possible, to data obtained or derived from other sources to assure that they are in the correct range. Reasonable variations in demographic inputs, such as those outlined in Section 2.2, will have relatively minor impact on clearance times, although some changes should be expected. While the accuracy of the clearance times included in this report is supported by years of experience by PBS&J in estimating clearance times, this section identifies the accuracy limits of the various inputs. Even though inputs to PBS&J's modeling process have inherent inaccuracies, post storm studies for actual hurricane evacuations have shown that typically PBS&J's calculations are within 10 percent of the actual experienced clearance time.

In this Hurricane Evacuation Study, PBS&J was provided with a series of evacuation zones by the Army Corps of Engineers that closely approximates the SLOSH model surge flooding results. The SLOSH model, as an example, is accurate to $^{+/-}$ 20 percent. PBS&J also relies on behavioral expert documents that are based on surveying a sample of the public before and after storms to ascertain what their behavior may be. These behavioral studies usually provide results that are $^{+/-}$ 8 percent of the actual values that would be derived if an entire population, rather than a sample, was surveyed. Even if an entire population was to be surveyed, in a given storm people may sometimes act in ways different than what is expected by the experts. In addition, Census data and locally-generated housing unit counts are most likely no more accurate than $^{+/-}$10 percent. Finally, roadway service volumes fluctuate greatly during an evacuation sometimes varying by as much as 30 percent less than theoretical maximum.

PBS&J also conducted a number of internal checks to provide substantiation for a range of assumptions included in this study. The comparison of demographic data conducted in Section 2.2 demonstrated that localized population growth occurring subsequent to the base year data will vary by 3 percent on average, a figure that will have limited impact on clearance time calculations. Regarding evacuating traffic, PBS&J researched a number of different reference sources on tourist data. The amount of traffic attenuation (evacuees ending their evacuations within the state) as well as the traffic routed out of the state matches this data very closely and is highlighted in Section 3.6. Finally, while PBS&J uses the specific methodologies described herein to calculate clearance times, we reviewed a clearance time generated for Cape May County by the New Jersey Institute of Technology event as part of their analysis of lane reversal reverse of Route 47. PBS&J, at the request of Cape May County and as part of our sensitivity analysis conducted an alternative clearance times assessment for Cape May County presuming full evacuation in all storm scenarios. In that evaluation, the maximum clearance time for Cape May County at Route 47 – Port Elizabeth in a Category 2, high tourist occupancy, long response is 23.8 hours. In the same storm scenarios, using an alternate methodology, the NJIT time corresponding to the same bottleneck is 24.5 hours, a difference of less than 45 minutes.

3.3 EVACUATING PEOPLE AND VEHICLES BY PLAN

Using the trip generation module of PBS&J's Abbreviated Transportation Model, total evacuating people and vehicles produced by each evacuation zone were calculated and split by general destination type (trip purpose). The two general destination types are: in- and out-of- county. This was accomplished for the various storm intensities and for two levels of assumed tourist occupancy. Low tourist occupancy was assumed to be 20 percent and high tourist occupancy was assumed to be 80 percent.

The number of people involved in an actual evacuation will likely total less than the assumed 100 percent participation rate of people from units in storm surge vulnerable areas and mobile homes for each evacuation scenario. Even with door-to-door evacuation notification, it will be difficult to convince all who should leave to do so, even for the most intense storm threats. Participation rates in tropical storm/weak Category 1-2 hurricanes can be quite low even in potential surge areas. Conversely, for Category 3 and 4 hurricanes, continual coverage on the Weather Channel and other media outlets will tend to cause high participation rates from residents that local officials would rather have stay in county, or shelter in place. The recent memory of Hurricane Katrina – even though the storm occurred far from New Jersey – will likely play a role in increasing expected participation rates.

3.4 PUBLIC SHELTER DEMAND/CAPACITY CONSIDERATIONS

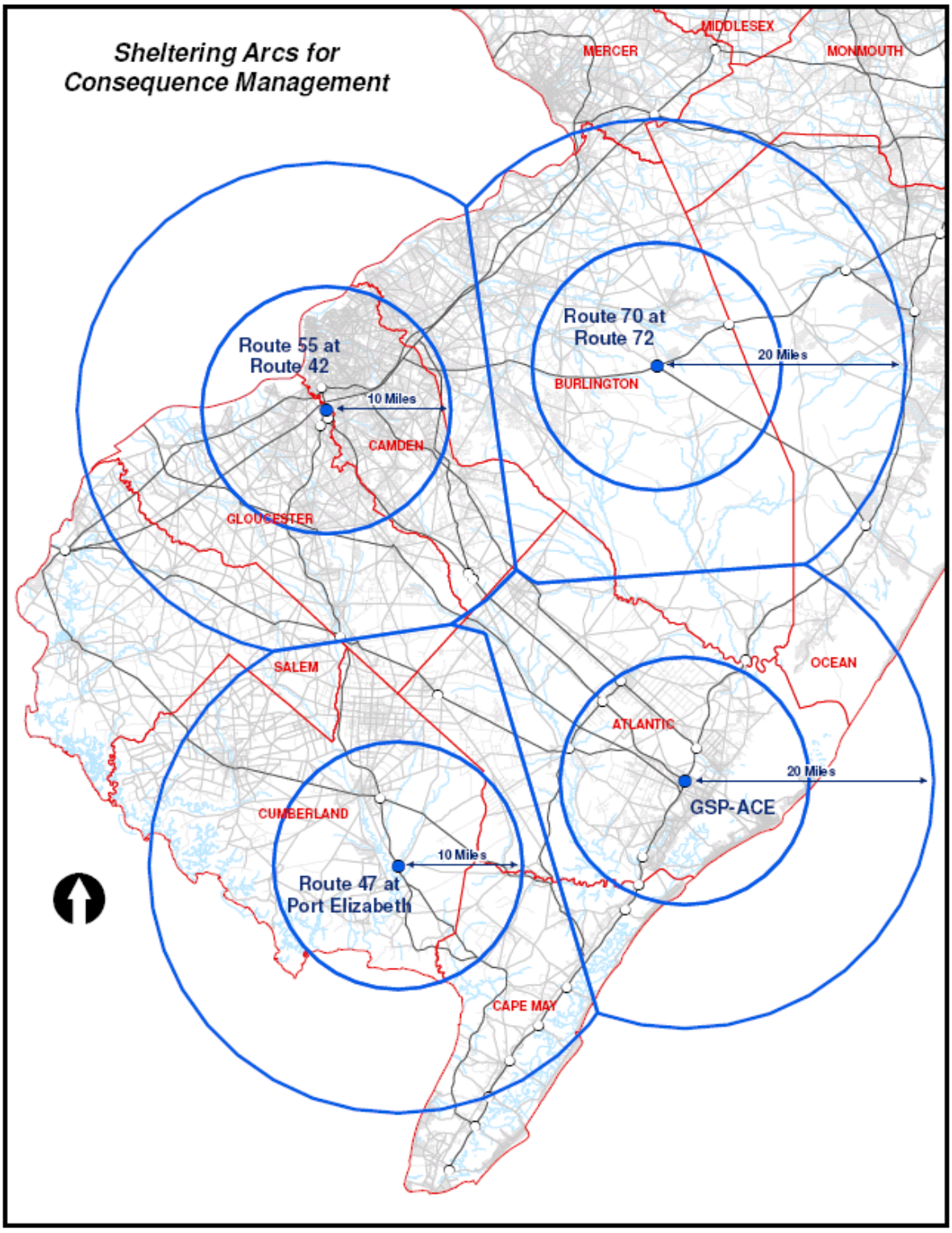
A crucial aspect of hurricane evacuation planning involves the coordination of shelter locations and capacity to meet the shelter demand of evacuees in any given storm plan. Depending upon actual behavioral response, the regional shelter capacity varies between counties in relation to shelter demand. While this Hurricane Evacuation Study does not include an evaluation of shelter demand, the Consequence Management Module described in Section 4 includes a sheltering component.

Available shelter data was provided to PBS&J through the State of New Jersey to assist in developing the Consequence Management Module. The shelter data was derived from preliminary surveys conducted by the State and FEMA. PBS&J took this data and identified shelters within a 10 and 20 mile radius of four designated consequence management points. Based on review comments from Cape May County, it was noted that no shelters are available in-county and any facility identified on the State list was subsequently removed from the analysis.

The Consequence Management Module distributes traffic cued at each of the four consequence management points to shelters in a 10 and 20 mile radius. Users can define available capacity, which is set at 100 percent, as well as density (square feet of sheltering space available per person). The analysis looked at both official ARC capacity as well as host capacity shelters. The ARC capacity captures only those shelters that would meet the safety standards employed by the American Red Cross. The host capacity reflects all additional facilities that might be able to be used as shelters. For the purposes of consequence management, a density of one person per 40 square foot was utilized, although in catastrophic events this factor could reduced to as much as 20 square foot of shelter space per person – which would admittedly be close quarters. The sheltering arcs used for consequence management are illustrated in Figure 3-2.

Figure 3-2

Shelter Arcs of Consequence Management



The purpose for the sheltering component of the Consequence Management Module is to provide decision makers with an opportunity to see on an hour by hour basis how many vehicles are cued behind a specific consequence management point. The assumption is that if an evacuation was called later than what the recommended clearance times would have suggested or must be ended prematurely due to a rapidly intensifying storm, some vehicles would be able to seek refuge at shelters within a reasonable (10 to 20 mile) distance. Backing this population out provides a better picture of vehicles and individuals that might actually be stranded behind a specific consequence management point at a given hour into the evacuation.

One of the behavioral factors influencing evacuations that PBS&J has observed nationally over the last five to ten years is the extremely low public shelter demand that communities are experiencing relative to expected demand from the study processes. Public shelter demand can be expected to increase slightly from low to high tourist occupancy for lesser category storms. This demand between low and high tourist occupancy usually remains the same for more intense storms. A small portion of tourist population generally seeks local public shelters only in lower category storms. There is a tendency for tourists to leave an area during a storm and return home – a phenomenon that should be expected in New Jersey, where the majority of tourists are less than a days drive from their homes. Since mobile home residents typically have a higher propensity to use local public shelter space more than other residents, the high mobile home population may increase the shelter demand. It should also be noted that not all shelters will be opened and available for use during all storms.

3.5 EVACUATION TRAFFIC VOLUMES AND CRITICAL ROADWAY SEGMENTS

Road segments with the highest travel demand are considered the "critical links" for a particular evacuation scenario. These congested roadway segments control the flow of evacuation traffic during a hurricane evacuation and are key areas for traffic control and monitoring. Many of these same roadways will be supporting not only the evacuating public, but also the non-evacuating public attempting to gather supplies and fuel for their homes and vehicles. In some cases, depending upon the time of the evacuation, residents may also have to travel from work to home before beginning their evacuation movement.

In some instances, a critical roadway segment or bottleneck may control the clearance time for a county in one evacuation direction, such as north, while another critical roadway segment or bottleneck may control the clearance time for the county in another evacuation direction, such as west. The type of facility or road being traveled on will affect the clearance times, as well. In calculating county-wide clearance times, the worst regional bottleneck is typically referenced, although it is important to review clearance times at each segment as evacuation movements in one direction may clear much faster than those headed in another direction or on a different facility.

The population throughout New Jersey, particularly at the Shore is urbanized and traffic congestion will be widespread. For the purposes of this study, PBS&J identified 35 regional bottlenecks, 4 of which correspond with consequence management points, as well as 18 local bottlenecks. In addition to these local segments, PBS&J, based on the direction of the Army Corps of Engineers, also looked at nine additional shore-based locations. Table 3-1 lists the most critical roadway segments in the region that will control the flow of evacuation traffic. The corresponding critical roadway segment clearance times, in hours, are presented in Table 3-2. Aerial photographs of the local and regional bottlenecks are included in Appendix G.

Table 3-1

Bottleneck Location / Critical Roadway Segment

Regional	Local	Local Shore Points
I-287 Exit 66	GSP Exit 117	The portion of Point Pleasant Borough east of the Manasquan River-Bay Head canal, Point Pleasant Beach Borough, Bay Head Borough, and the entire spit comprising portions of Bay Head Borough on the north to Island Beach State Park on the south
GSP Exit 172	GSP Exit 109	Long Beach Island comprising all municipalities and portions of municipalities from Barnegat Light Borough at the northern end of the island through the portion of Long Beach Township at the southern end (Holgate)
Palisades Pkwy at US 9W	GSP Exit 105	Brigantine Island
GSP at I-80	GSP Exit 102	Absecon Island comprising Atlantic City, Ventnor, Margate and Longport
I-287 Exit 41 at I-80	GSP Exit 100 a-b	Peck's Beach Island comprising Ocean City
I-80 Exit 4	GSP Exit 96	Ludlam Island comprising Sea Isle City and the portion of Upper Township north of Sea Isle known as Strathmere
I-78 Exit 3	GSP Exit 88	Seven Mile Island comprising Stone Harbor and Avalon
GSP at I-78	GSP Exit 82	Five Mile Island comprising North Wildwood, Wildwood, Wildwood Crest, West Wildwood and the portion of Lower Township south of Wildwood Crest
I-287 Exit 21 at I-78	GSP Exit 63	The area south of the Cape May Canal comprising Cape May Borough, West Cape May, Cape May Point Borough and a portion of Lower Township
I-287 Exit 3	GSP Exit 40	
GSP Exit 127	GSP Exit 30	
NJTP Exit 9	GSP Exit 25	
I-195 Exit 8 MoC-MeC Boundary	GSP Exit 17	
NJTP Exit 8	GSP Exit 13	
GSP OC-MoC Boundary	GSP Exit 10	
Route 70 at Route 37	GSP Exit 06	
Route 70 at Route 530	GSP Exit 04	
Consequence - Route 70 at Route 72	Route 109 at GSP Start	

Table 3-1

Bottleneck Location / Critical Roadway Segment
(continued)

Regional
I-295 Exits 26 and 27
Consequence - Route 55 at Route 42
Route 42 at Route 168
ACE Exit 32
ACE Exit 31
GSP Exit 48 AC-OC Boundary
Route 30 at Route 50 - Egg Harbor
Route 40 - Buena
ACE Exit 17
Route 40 at Route 50 - Mays Landing
Consequence - GSP-ACE
Route 55 Exit 24
Consequence - Route 47 - Port Elizabeth
NJTP Exit 1
Route 55 Exit 56
Route 55 Exit 39
GSP CMC-AC Boundary

Table 3-2

Critical Roadway Segment Clearance Times

ALL COUNTIES CLEARANCE TIMES New Jersey Hurricane Evacuation ReStudy 2006	LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4							
		Times (in hours)						
	Bottleneck Location / Critical Roadway Segment	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
REGIONAL	I-287 Exit 66	5.4	10.7	7.1	12.5	9.4	15.2	12.6	18.4
	GSP Exit 172	4.9	8.5	6.4	10.1	8.7	12.7	12.3	16.3
	Palisades Pkwy at US 9W	2.6	2.6	2.9	3.0	3.7	3.8	4.8	4.9
	GSP at I-80	4.8	8.0	6.1	9.4	8.1	11.6	11.1	14.6
	I-287 Exit 41 at I-80	5.3	10.1	7.1	11.9	9.5	14.7	13.0	18.3
	I-80 Exit 4	3.5	4.2	3.9	4.7	4.6	5.4	5.7	6.5
	I-78 Exit 3	4.0	6.0	4.7	6.8	5.8	8.1	7.7	9.9
	GSP at I-78	5.6	11.4	7.4	13.3	9.8	16.1	13.1	19.4
	I-287 Exit 21 at I-78	4.6	8.0	5.7	9.2	7.4	11.1	10.1	13.8
	I-287 Exit 3	4.5	7.8	5.5	9.0	7.0	10.6	8.8	12.4
	GSP Exit 127	6.1	13.2	8.3	15.6	11.0	18.7	14.4	22.1
	NJTP Exit 9	3.5	4.4	4.0	4.8	4.6	5.6	5.6	6.6
	I-195 Exit 8 MoC-MeC Boundary	4.3	6.9	5.3	8.1	6.9	9.9	8.6	11.7
	NJTP Exit 8	3.4	3.7	4.0	4.4	5.1	5.6	6.7	7.3
	GSP OC-MoC Boundary	6.9	16.9	9.5	19.6	12.4	23.0	15.9	26.6
	Route 70 at Route 37	2.2	2.4	2.3	2.7	2.7	3.2	3.3	3.8
	Route 70 at Route 530	2.4	3.0	2.7	3.5	3.6	4.7	4.8	5.9
	Consequence - Route 70 at Route 72	5.5	15.0	7.1	17.1	9.4	20.0	11.9	22.5
	I-295 Exits 26 and 27	3.8	5.5	4.3	5.5	5.0	6.2	5.8	7.0
	Consequence - Route 55 at Route 42	4.6	8.8	5.5	9.1	6.4	10.2	7.6	11.4
	Route 42 at Route 168	4.1	7.0	4.8	6.5	5.4	7.2	6.2	8.0
	ACE Exit 32	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	ACE Exit 31	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	GSP Exit 48 AC-OC Boundary	7.4	20.3	9.8	22.3	11.6	24.5	13.8	26.8
	Route 30 at Route 50 - Egg Harbor	1.3	2.2	1.6	2.1	1.9	2.4	2.4	2.8
	Route 40 - Buena	1.1	1.7	1.3	1.3	1.6	1.7	2.5	2.5
	ACE Exit 17	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	Route 40 at Route 50 - Mays Landing	1.1	1.6	1.2	1.3	1.6	1.6	2.3	2.4
	Consequence - GSP-ACE	9.0	26.2	12.3	27.3	15.1	30.4	18.5	33.9
	Route 55 Exit 24	3.8	9.1	4.8	10.6	5.9	11.8	7.2	13.2
	Consequence - Route 47 - Port Elizabeth	5.7	17.0	7.7	20.1	9.4	22.2	11.4	24.4
	NJTP Exit 1	4.3	6.3	5.5	7.2	7.3	9.2	9.6	11.5
	Route 55 Exit 56	4.6	8.9	5.4	10.2	6.3	11.3	7.5	12.5
	Route 55 Exit 39	4.7	9.4	5.6	10.8	6.6	12.0	7.9	13.4
	GSP CMC-AC Boundary	7.1	18.5	8.7	21.3	10.0	22.8	11.5	24.5

Note: Clearance Times are in hours

Table 3-2

Critical Roadway Segment Clearance Times (continued)

	Bottleneck Location / Critical Roadway Segment	Times (in hours)							
		Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
LOCAL	GSP Exit 117	6.9	14.2	9.4	16.9	12.3	20.2	15.6	23.5
	GSP Exit 109	6.8	15.6	9.5	18.5	12.7	22.1	16.4	25.9
	GSP Exit 105	6.7	15.5	9.3	18.3	12.4	21.9	15.9	25.5
	GSP Exit 102	6.6	15.4	9.1	18.0	12.1	21.5	15.6	25.1
	GSP Exit 100 a-b	7.1	17.2	9.8	20.1	13.1	24.0	17.0	27.9
	GSP Exit 96	7.0	17.0	9.6	19.8	12.6	23.3	16.2	27.0
	GSP Exit 88	12.1	25.6	17.1	30.8	22.1	36.5	27.6	42.0
	GSP Exit 82	10.5	23.1	14.3	27.0	17.8	31.0	20.9	34.2
	GSP Exit 63	10.5	26.3	13.8	29.5	16.7	32.8	19.5	35.8
	GSP Exit 40	13.7	21.7	17.4	26.4	18.7	27.9	20.3	26.8
	GSP Exit 30	12.7	20.2	15.5	23.7	16.6	25.0	18.0	23.7
	GSP Exit 25	8.0	17.4	10.5	20.9	11.6	22.2	13.0	23.7
	GSP Exit 17	7.1	14.6	9.1	17.5	10.1	18.6	11.2	19.7
	GSP Exit 13	6.2	11.7	8.2	14.3	9.0	15.3	9.9	16.2
	GSP Exit 10	4.9	7.9	6.0	9.4	6.5	10.0	7.0	10.5
	GSP Exit 06	4.6	7.2	5.6	8.5	6.1	9.0	6.5	9.4
	GSP Exit 04	3.7	6.4	4.9	8.0	5.4	8.6	5.9	9.1
	Route 109 at GSP Start	1.4	2.4	1.7	2.8	1.9	3.0	1.9	3.0
LOCAL CLEARANCE TIMES	The portion of Point Pleasant Borough east of the Manasquan River-Bay Head canal, Point Pleasant Beach Borough, Bay Head Borough, and the entire spit comprising portions of Bay Head Borough on the north to Island Beach State Park on the south	2.8	6.4	3.8	7.6	4.1	8.2	4.2	8.3
	Long Beach Island comprising all municipalities and portions of municipalities from Barnegat Light Borough at the northern end of the island through the portion of Long Beach Township at the southern end (Holgate)	5.1	16.3	5.5	17.2	5.6	17.5	5.6	17.5
	Brigantine Island	1.5	2.1	1.9	2.4	1.9	2.4	1.9	2.4
	Absecon Island comprising Atlantic City, Ventnor, Margate and Longport	2.5	3.4	3.1	4.0	3.1	4.0	3.1	4.0
	Peck's Beach Island comprising Ocean City	6.9	12.4	7.4	13.1	7.4	13.1	7.4	13.1
	Ludlam Island comprising Sea Isle City and the portion of Upper Township north of Sea Isle known as Strathmere	3.9	7.8	4.1	8.1	4.1	8.1	4.1	8.1
	Seven Mile Island comprising Stone Harbor and Avalon	4.6	9.9	5.2	10.7	5.2	10.7	5.2	10.7
	Five Mile Island comprising North Wildwood, Wildwood, Wildwood Crest, West Wildwood and the portion of Lower Township south of Wildwood Crest	5.0	9.1	5.4	9.6	5.4	9.6	5.4	9.6
	The are south of the Cape May Canal comprising Cape May Borough, West Cape May, Cape May Point Borough and a portion of Lower Township	2.4	4.0	3.3	5.1	3.7	5.5	3.8	5.6

Note: Clearance Times are in hours

3.6 EXITING EVACUATION TRAFFIC BY ROUTE AND SCENARIO

An important part of the evacuation modeling process is determining the number of vehicles that will travel along specific portions of the evacuation network. To guide this process, PBS&J, as directed by the Army Corps of Engineers in the scope of work for the project, reviewed a number of sources tourist data to better understand the relationship between tourists that could be categorized as day-trippers and overnight tourists. It is assumed in this study that sufficient media coverage, public information and official warnings will accompany any potential hurricane and that day trip "tourists" will choose not to visit at risk coastal areas.

Of the remaining potential tourists (those that would utilize seasonal tourist units), PBS&J was able to determine the percentage of overnight vacationers originating from within New Jersey or from a range of surrounding states along the eastern seaboard of the United States. These data informed the process of determining appropriate out-routes and routing traffic south (through southeast Pennsylvania or Delaware), west (to Pennsylvania), or north (through New York). In all cases, variations in out-of-state percentages are less than 1 percent of the total evacuation traffic. Figure 3-3 compares the out route percentages used in the study with the most recent available official tourist origination data.

Since the evacuation traffic from each New Jersey County is so intermeshed in an evacuation, it is important to recognize the levels of potential evacuation traffic that each local government is contributing. PBS&J prepared a table that shows the levels of traffic that will potentially be placed on specific exiting routes for each storm scenario. This information is presented in Table 3-3.

Figure 3-3

Out-of-State Out-Route Percentages Comparison

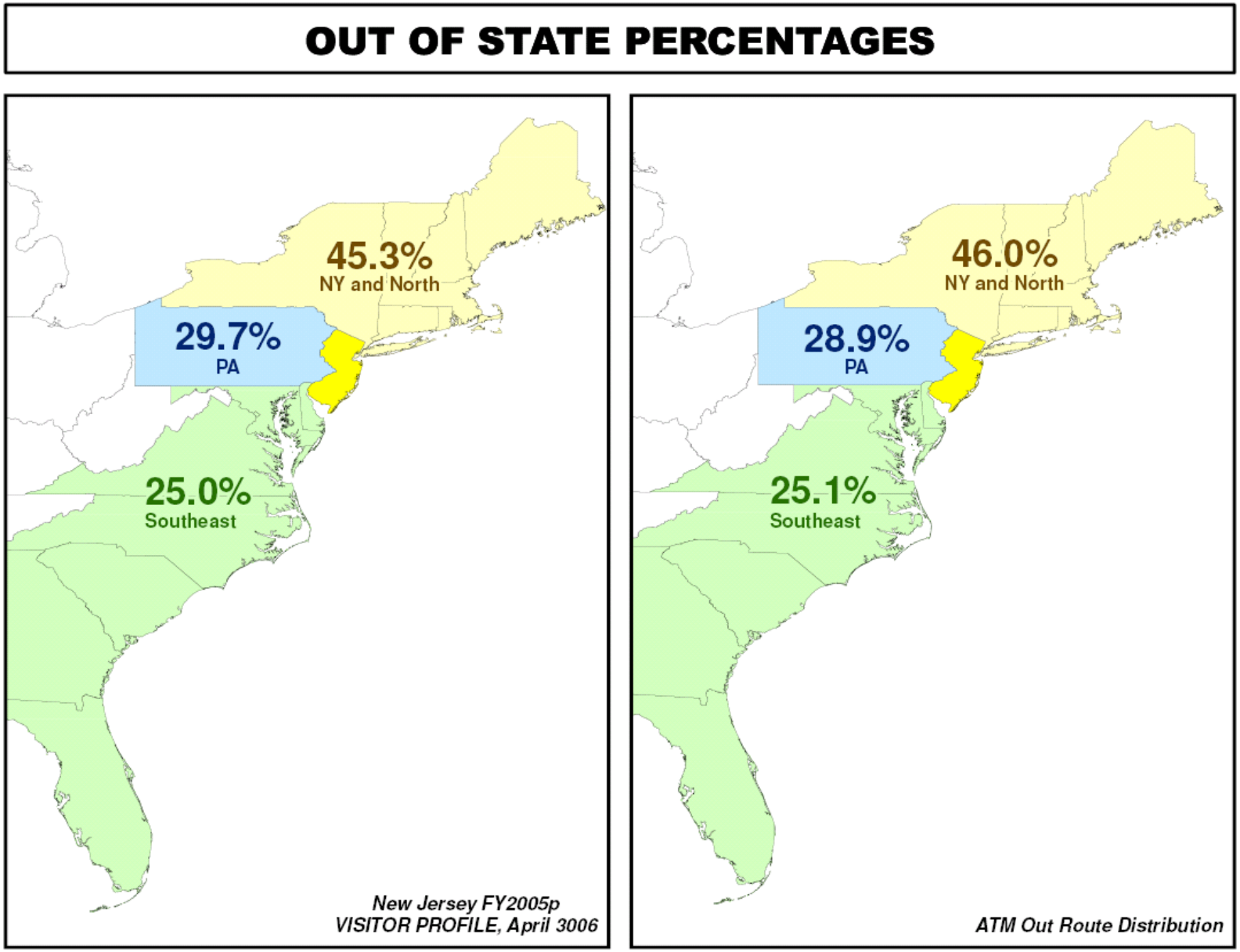


Table 3-3

Critical Roadway Segments Traffic Volume

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4

Bottleneck Location Critical Roadway Segment	Evac Directional Service Volume (Vehicles / Hour) Variable	Cat 1 Evac Veh	Cat 1 Evac Veh	Cat 2 Evac Veh	Cat 2 Evac Veh	Cat 3 Evac Veh	Cat 3 Evac Veh	Cat 4 Evac Veh	Cat 4 Evac Veh
I-287 Exit 66	3,200	6,828	22,129	11,835	27,563	18,461	35,145	27,700	44,457
GSP Exit 172	3,200	5,547	15,995	9,857	20,669	16,524	28,102	26,964	38,589
Palisades Pkwy at US 9W	3,200	1,596	1,760	2,663	2,858	4,824	5,075	8,000	8,250
GSP at I-80	4,800	7,776	21,630	13,535	27,834	22,208	37,467	35,068	50,390
I-287 Exit 41 at I-80	4,800	9,989	30,580	17,589	38,807	28,067	50,656	43,512	66,197
I-80 Exit 4	3,200	1,376	3,545	2,613	4,882	4,525	6,991	7,789	10,262
I-78 Exit 3	4,800	4,201	13,075	7,370	16,536	12,160	21,951	20,243	30,076
GSP at I-78	6,500	15,203	49,095	25,969	60,764	40,061	76,911	59,569	96,584
I-287 Exit 21 at I-78	4,800	6,824	21,516	11,860	27,004	19,134	35,260	30,735	46,932
I-287 Exit 3	4,800	6,416	20,948	11,034	25,956	17,131	32,938	25,096	40,972
GSP Exit 127	7,500	21,136	69,324	35,918	85,308	54,368	106,555	77,042	129,464
NJTP Exit 9	9,000	4,125	11,004	7,740	15,015	13,260	21,251	21,055	29,075
I-195 Exit 8 MoC-MeC Boundary	3,200	3,681	11,227	6,731	14,802	11,134	20,079	16,306	25,276
NJTP Exit 8	4,800	1,933	3,223	4,523	6,217	9,180	11,479	16,178	18,477
GSP OC-MoC Boundary	6,500	23,115	81,589	37,895	97,399	55,177	117,484	75,838	138,438
Route 70 at Route 37	1,200	186	487	302	722	730	1,335	1,389	1,995
Route 70 at Route 530	1,200	469	1,052	787	1,605	1,764	2,941	3,083	4,261
Consequence - Route 70 at Route 72	1,000	3,149	11,700	4,590	13,619	6,655	16,242	8,964	18,555
I-295 Exits 26 and 27	4,800	3,290	10,837	5,728	10,886	8,570	13,898	12,038	17,378
Consequence - Route 55 at Route 42	6,500	9,118	34,296	14,713	36,018	20,221	42,041	27,124	49,118
Route 42 at Route 168	4,800	4,604	17,161	7,801	15,205	10,577	18,092	13,975	21,511
ACE Exit 32	3,200	5,826	21,884	9,993	19,095	13,634	22,876	18,105	27,375
ACE Exit 31	3,200	5,826	21,884	9,993	19,095	13,634	22,876	18,105	27,375
GSP Exit 48 AC-OC Boundary	3,200	12,832	49,922	19,515	55,821	24,876	62,055	31,355	68,824
Route 30 at Route 50 - Egg Harbor	1,800	462	1,963	982	1,713	1,501	2,257	2,212	2,970
Route 40 - Buena	900	104	566	208	248	513	562	1,195	1,248
ACE Exit 17	3,200	5,826	21,884	9,993	19,095	13,634	22,876	18,105	27,375
Route 40 at Route 50 - Mays Landing	1,000	104	566	208	248	513	562	1,195	1,248
Consequence - GSP-ACE	3,200	17,472	66,970	26,950	70,263	35,006	79,269	44,754	89,331
Route 55 Exit 24	3,200	5,343	20,540	8,087	24,811	11,162	28,368	15,037	32,428
Consequence - Route 47 - Port Elizabeth	1,200	4,064	16,267	6,154	19,638	8,023	21,921	10,196	24,251
NJTP Exit 1	6,500	7,492	19,414	14,560	24,789	25,157	36,516	38,481	49,884
Route 55 Exit 56	3,200	4,514	17,135	6,912	20,813	9,643	23,948	13,149	27,607
Route 55 Exit 39	3,200	4,906	18,625	7,513	22,623	10,482	26,031	14,293	30,007
GSP CMC-AC Boundary	3,200	11,837	44,691	16,441	52,775	20,181	57,334	24,661	62,092

Table 3-3

Critical Roadway Segments Traffic Volume (continued)

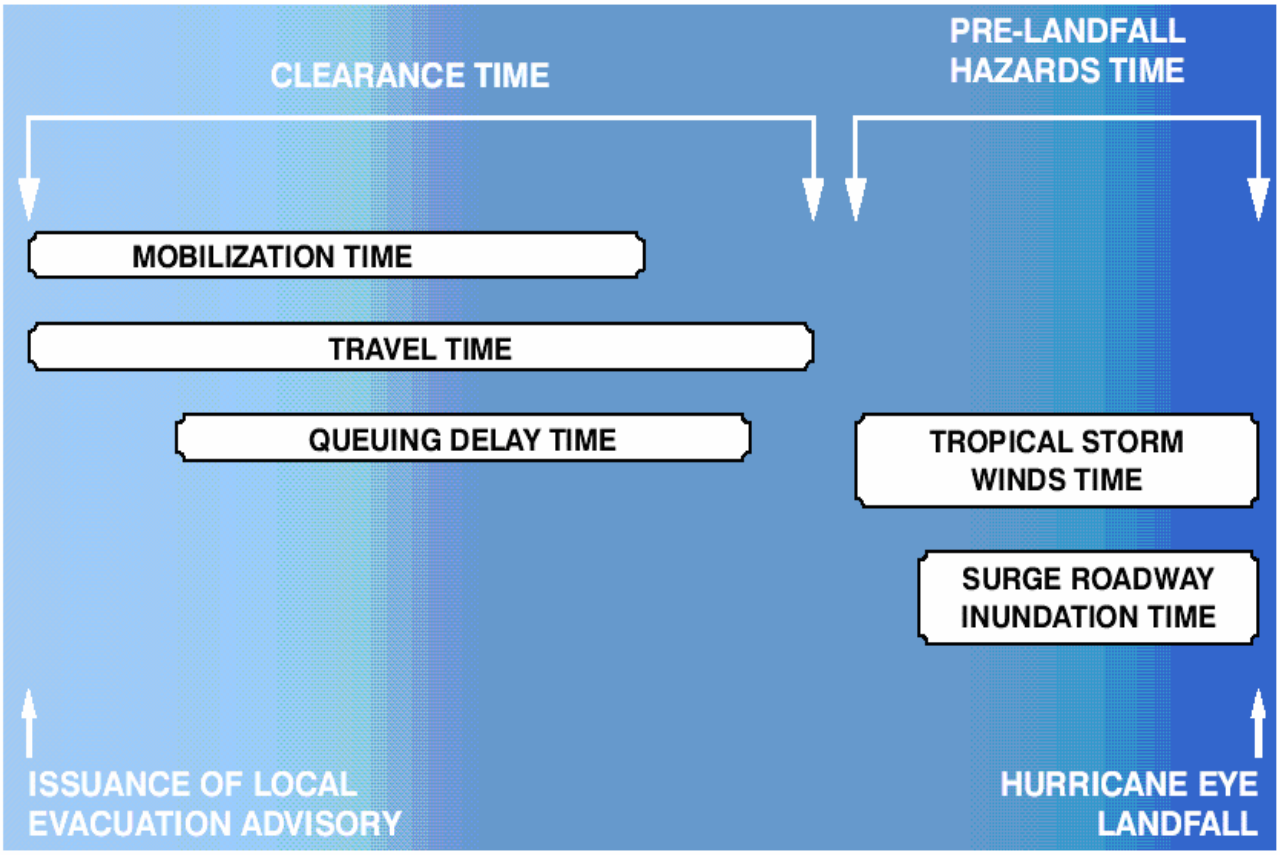
Bottleneck Location Critical Roadway Segment	Evac Dir. Service Vol. (Vehicles / Hour)	Cat 1 Evac Veh	Cat 1 Evac Veh	Cat 2 Evac Veh	Cat 2 Evac Veh	Cat 3 Evac Veh	Cat 3 Evac Veh	Cat 4 Evac Veh	Cat 4 Evac Veh
GSP Exit 117	9,000	31,643	91,455	52,018	113,207	75,328	139,800	102,085	166,849
GSP Exit 109	7,500	25,622	85,284	44,159	105,180	65,439	129,717	90,532	155,101
GSP Exit 105	7,500	24,950	84,519	42,796	103,708	63,576	127,729	87,704	152,148
GSP Exit 102	7,500	24,240	83,684	41,145	101,922	61,616	125,626	85,502	149,805
GSP Exit 100 a-b	6,500	23,934	83,150	39,811	100,279	59,457	123,036	82,289	146,162
GSP Exit 96	6,500	23,576	82,338	38,765	98,624	56,610	119,365	77,729	140,777
GSP Exit 88	4,800	39,495	97,836	61,072	120,475	83,019	145,053	106,740	169,063
GSP Exit 82	4,800	32,418	87,236	48,937	104,266	64,114	121,388	77,801	135,362
GSP Exit 63	3,200	21,603	67,475	31,215	76,678	39,481	86,105	47,801	94,713
GSP Exit 40	3,200	30,984	53,980	41,711	67,562	45,525	71,867	50,110	68,665
GSP Exit 30	3,200	28,140	49,604	36,086	59,896	39,401	63,665	43,442	59,917
GSP Exit 25	3,200	14,461	41,535	21,571	51,827	24,886	55,596	28,927	59,915
GSP Exit 17	3,200	11,720	33,591	17,776	41,843	20,643	45,120	23,585	48,292
GSP Exit 13	3,200	9,328	25,095	14,914	32,584	17,348	35,416	19,815	38,102
GSP Exit 10	4,800	8,119	21,427	12,995	27,803	15,020	30,197	17,192	32,569
GSP Exit 06	4,800	7,093	18,177	11,474	23,834	13,232	25,937	14,965	27,846
GSP Exit 04	3,200	4,859	12,743	8,429	17,372	9,884	19,127	11,213	20,594
Route 109 at GSP Start	3,200	1,286	4,003	2,153	5,225	2,476	5,671	2,563	5,765
The portion of Point Pleasant Borough east of the Manasquan River-Bay Head canal, Point Pleasant Beach Borough, Bay Head Borough, and the entire spit comprising portions of Bay Head Borough on the north to Island Beach State Park on the south	4,430	7,401	21,471	11,082	26,478	12,287	28,753	12,668	29,134
Long Beach Island comprising all municipalities and portions of municipalities from Barnegat Light Borough at the northern end of the island through the portion of Long Beach Township at the southern end (Holgate)	1,860	6,841	25,768	7,616	27,166	7,767	27,641	7,779	27,651
Brigantine Island	10,710	5,314	10,407	8,384	13,841	8,457	13,964	8,457	13,964
Absecon Island comprising Atlantic City, Ventnor, Margate and Longport	13,280	17,600	28,670	24,727	36,159	24,749	36,183	24,749	36,183
Peck's Beach Island comprising Ocean City	2,570	13,740	26,489	14,917	28,067	14,917	28,067	14,917	28,067
Ludlam Island comprising Sea Isle City and the portion of Upper Township north of Sea Isle known as Strathmere	1,710	4,459	10,491	4,771	10,934	4,771	10,934	4,771	10,934
Seven Mile Island comprising Stone Harbor and Avalon	1,460	4,770	11,719	5,508	12,755	5,511	12,763	5,511	12,763
Five Mile Island comprising North Wildwood, Wildwood, Wildwood Crest, West Wildwood and the portion of Lower Township south of Wildwood Crest	3,300	11,903	24,055	13,155	25,519	13,155	25,519	13,155	25,519
The are south of the Cape May Canal comprising Cape May Borough, West Cape May, Cape May Point Borough and a portion of Lower Township	1,710	2,214	4,707	3,625	6,336	4,174	7,012	4,307	7,146

3.7 ESTIMATED EVACUATION CLEARANCE TIMES

An important product of the transportation analysis is the clearance times based on storm category, or scenario and behavioral characteristics. Clearance time is one of two major considerations involved in issuing an evacuation order or advisory. The other time aspect, which must be weighed, is the arrival of sustained tropical storm winds. Figure 3-4 illustrates these two timing issues of evacuation and their relation.

Figure 3-4

Components of Clearance Time



Clearance time is the time required to clear the roadway of all vehicles evacuating in response to a hurricane situation. Clearance time begins when the first evacuating vehicle enters the road network (as defined by a hurricane evacuation behavioral response curve) and ends when the last evacuating vehicle reaches an assumed point of safety. Clearance time includes:

- Mobilization Time - the time required by evacuees to prepare for evacuation and enter the road network;
- Travel Time - the time needed to travel along the road network; and

- Queuing Delay Time – the cumulative times for all stops caused by traffic congestion.

Clearance time does not relate to the time any one vehicle spends traveling on the road network and does not include time needed for local officials to assemble and make a decision to evacuate. As Figure 3-4 illustrates, clearance times are predicated upon all evacuation movements occurring before the advent of tropical storm force winds and storm surge effects. Evacuation movements occurring within the prescribed clearance times would not be impacted by surge related roadway flooding.

Clearance time runs were generated based on differing intensity strengths of hurricanes, levels of background traffic, the rapidity of response by evacuees, and different tourist occupancy levels. The rapidity of response will affect clearance times. As a rule of thumb, standard adjustments can be applied to the calculated medium response clearance times. In this study, 2 hours were added for a long response and 1.5 hours was subtracted for a rapid response.

Clearance times range from 3 hours to 24 hours in the "pass through" counties located in the Southwest and Northeast, and from 6 to 44 hours for Atlantic Coastal counties using the 2000 Census base data. In developing these times, it was assumed that consistent evacuation decisions would be made and coordinated between adjacent jurisdictions and the Emergency Operations Center in West Trenton.

Key critical roadway segments were used in determining county-wide clearance times. As was indicated in Section 3.5, a critical roadway segment or bottleneck may control the clearance time for a county in one evacuation direction, while another critical roadway segment or bottleneck may control the clearance time for the county in another evacuation direction. In calculating county-wide clearance times, the worst regional bottleneck is typically referenced. The critical segment determinants used in this study include:

Southwest

Burlington County critical segment: Consequence - Route 70 at Route 72

Camden County critical segment: Consequence - Route 55 at Route 42

Gloucester County critical segment: Route 55 Exit 39

Salem and Cumberland County critical segment: NJTP Exit 1

Atlantic Coastal

Cape May, Atlantic, and Ocean County critical segment: GSP Exit 63 [Cat 1], GSP Exit 88 [Cat 2-4]

Monmouth County critical segment: GSP Exit 100 a-b

Northeast

Middlesex, Union, and Essex County critical segment: I-287 Exit 41 at I-80

Hudson County critical segment: GSP at I-80

Passaic County critical segment: I-287 Exit 66

Bergen County critical segment: GSP Exit 172

Table 3-4 presents the hurricane evacuation clearance times developed for New Jersey. These times reflect all evacuation movements.

Table 3-4

2006 New Jersey County Evacuation Clearance Times (in hours)

ALL COUNTIES CLEARANCE TIMES New Jersey Hurricane Evacuation ReStudy 2006																
Evacuation Parameters		County Clearance Times (in hours) [1]														
		Southwest					*Atlantic Coastal*				*Northeast*					
Evacuation Scenario	Rapidity of Response [2] / Tourist Occupancy	Burlington	Camden	Gloucester	Salem	Cumberland	Cape May	Atlantic	Ocean	Monmouth	Middlesex	Union	Essex	Hudson	Passaic	Bergen
Risk Based Roadway Network Loading																
CATEGORY 1																
	Low Tourist Occupancy															
	rapid response	4.0	3.1	3.2	2.8	2.8	9.0	9.0	9.0	5.6	3.8	3.8	3.8	3.3	3.9	3.4
	medium response	5.5	4.6	4.7	4.3	4.3	10.5	10.5	10.5	7.1	5.3	5.3	5.3	4.8	5.4	4.9
	long response	7.5	6.6	6.7	6.3	6.3	12.5	12.5	12.5	9.1	7.3	7.3	7.3	6.8	7.4	6.9
	High Tourist Occupancy															
	rapid response	13.5	7.3	7.9	4.8	4.8	24.8	24.8	24.8	15.7	8.6	8.6	8.6	6.5	9.2	7.0
	medium response	15.0	8.8	9.4	6.3	6.3	26.3	26.3	26.3	17.2	10.1	10.1	10.1	8.0	10.7	8.5
	long response	17.0	10.8	11.4	8.3	8.3	28.3	28.3	28.3	19.2	12.1	12.1	12.1	10.0	12.7	10.5
CATEGORY 2																
	Low Tourist Occupancy															
	rapid response	5.6	4.0	4.1	4.0	4.0	15.6	15.6	15.6	8.3	5.6	5.6	5.6	4.6	5.6	4.9
	medium response	7.1	5.5	5.6	5.5	5.5	17.1	17.1	17.1	9.8	7.1	7.1	7.1	6.1	7.1	6.4
	long response	9.1	7.5	7.6	7.5	7.5	19.1	19.1	19.1	11.8	9.1	9.1	9.1	8.1	9.1	8.4
	High Tourist Occupancy															
	rapid response	15.6	7.6	9.3	5.7	5.7	29.3	29.3	29.3	18.6	10.4	10.4	10.4	7.9	11.0	8.6
	medium response	17.1	9.1	10.8	7.2	7.2	30.8	30.8	30.8	20.1	11.9	11.9	11.9	9.4	12.5	10.1
	long response	19.1	11.1	12.8	9.2	9.2	32.8	32.8	32.8	22.1	13.9	13.9	13.9	11.4	14.5	12.1
CATEGORY 3																
	Low Tourist Occupancy															
	rapid response	7.9	4.9	5.1	5.8	5.8	20.6	20.6	20.6	11.6	8.0	8.0	8.0	6.6	7.9	7.2
	medium response	9.4	6.4	6.6	7.3	7.3	22.1	22.1	22.1	13.1	9.5	9.5	9.5	8.1	9.4	8.7
	long response	11.4	8.4	8.6	9.3	9.3	24.1	24.1	24.1	15.1	11.5	11.5	11.5	10.1	11.4	10.7
	High Tourist Occupancy															
	rapid response	18.5	8.7	10.5	7.7	7.7	35.0	35.0	35.0	22.5	13.2	13.2	13.2	10.1	13.7	11.2
	medium response	20.0	10.2	12.0	9.2	9.2	36.5	36.5	36.5	24.0	14.7	14.7	14.7	11.6	15.2	12.7
	long response	22.0	12.2	14.0	11.2	11.2	38.5	38.5	38.5	26.0	16.7	16.7	16.7	13.6	17.2	14.7
CATEGORY 4																
	Low Tourist Occupancy															
	rapid response	10.4	6.1	6.4	8.1	8.1	26.1	26.1	26.1	15.5	11.5	11.5	11.5	9.6	11.1	10.8
	medium response	11.9	7.6	7.9	9.6	9.6	27.6	27.6	27.6	17.0	13.0	13.0	13.0	11.1	12.6	12.3
	long response	13.9	9.6	9.9	11.6	11.6	29.6	29.6	29.6	19.0	15.0	15.0	15.0	13.1	14.6	14.3
	High Tourist Occupancy															
	rapid response	21.0	9.9	11.9	10.0	10.0	40.5	40.5	40.5	26.4	16.8	16.8	16.8	13.1	16.9	14.8
	medium response	22.5	11.4	13.4	11.5	11.5	42.0	42.0	42.0	27.9	18.3	18.3	18.3	14.6	18.4	16.3
	long response	24.5	13.4	15.4	13.5	13.5	44.0	44.0	44.0	29.9	20.3	20.3	20.3	16.6	20.4	18.3

3.8 IMPACT OF REGIONAL ROUTE CONTRAFLOW

The State of New Jersey, Office of Emergency Management, has four official reverse lane plans published in 2004 to assist in reducing the evacuation transit times on specific roadway segments. Developed as a measure of last resort to be used in response to hurricanes as well as other emergency events, these plans detail the basic operational strategy and agency requirements necessary to implement the lane reversal. These plans address the following major roadway segments:

- Route 47 / Route 347
- Atlantic City Expressway
- Route 72
- Interstate195

PBS&J was asked to review these plans as well as an additional alternate lane reversal scenario for the Garden State Parkway; referred to in this study as the Cape May County Lane Reversal Proposal. Implementing a contraflow or reverse lane strategy requires considerable pre-event and operational coordination as well as a substantial resource commitment, both in terms of time and money. As such, it is assumed that reverse lane strategies would only be implemented in anticipation of a major storm, such as a Category 3 or greater. Maps illustrating the five routes studied are provided in Figure 3-5.

Scenario 1 – Route 47 / Route 347

The first scenario reviewed is the Route 47 / Route 347 Lane Reversal Plan. In this plan, lane reversals would begin at the junction of Route 83 in the south and continue along NJ 47 and NJ 347 to the north, ending at the junction of Route 55 and NY 47. The reversal does not include those sections of 47 that are parallel to NJ 347. PBS&J determined that this lane reversal strategy would not affect the overall clearance times for Cape May, Atlantic or Ocean County as these times are limited by bottlenecks along the Garden State Parkway northbound at Exit 88. This strategy would improve clearance times at the Consequence Management point at Route 47 at Port Elizabeth, as is presented in Table 3-5 below.

Table 3-5

Route 47 Lane Reversal Comparison (times in hours)

Storm Scenario	Without Contraflow	With Contraflow	Improvement
Category 3 – Low Occupancy	9.4	6.6	**2.8**
Category 3 – High Occupancy	22.2	14.6	**7.6**
Category 4 – Low Occupancy	11.4	7.9	**3.5**
Category 4 – High Occupancy	24.4	16.0	**8.4**

As the Consequence Management point at Route 47 at Port Elizabeth is a limiting factor in evacuation movements for out of state traffic heading south, implementing this reverse lane strategy would also improve Category 3 and 4 clearance times for Salem and Cumberland Counties, with the

new medium response clearance times for these counties being the same as those listed in Table 3-5 above. It should be noted that although this strategy does not reduce the overall clearance times for Cape May County, it will provide improvement in westbound traffic flow as much as 8 hours in some scenarios.

Scenario 2 – Atlantic City Expressway

The second scenario reviewed is the Atlantic City Expressway Lane Reversal Plan. In this plan, lane reversals would begin at Baltic Avenue in Atlantic City, Atlantic County in the east ending at State Highway 42 in Washington Township, Gloucester County. PBS&J determined that this lane reversal strategy would not affect the overall clearance times for Cape May, Atlantic or Ocean County as these times are limited by bottlenecks along the Garden State Parkway northbound at Exit 88. This strategy would improve clearance times at the bottlenecks / critical roadway segments westbound along the Atlantic City Expressway at Exits 17, 31 and 32. The plan would have a significant positive impact on westbound clearance times through the Consequence Management point at the intersection of the Atlantic City Expressway and the Garden State Parkway. It should be noted that the benefits realized at the intersection of the Atlantic City Expressway and the Garden State Parkway are dependant upon a high level of operational support and coordination and relate to westbound traffic only. These findings are presented in Table 3-6 below.

Table 3-6

Atlantic City Expressway Lane Reversal Comparison (times in hours)

ACE - Exits 17, 31 and 32			
Storm Scenario	**Without Contraflow**	**With Contraflow**	**Improvement**
Category 3 – Low Occupancy	7.7	5.9	**1.8**
Category 3 – High Occupancy	10.9	7.9	**3.0**
Category 4 – Low Occupancy	9.3	6.9	**2.4**
Category 4 – High Occupancy	12.5	8.9	**3.6**
ACE at GSP (westbound traffic only)			
Storm Scenario	**Without Contraflow**	**With Contraflow**	**Improvement**
Category 3 – Low Occupancy	15.1	10.6	**4.5**
Category 3 – High Occupancy	30.4	20.1	**10.3**
Category 4 – Low Occupancy	18.5	12.7	**5.8**
Category 4 – High Occupancy	33.9	22.3	**11.6**

Scenario 3 – Route 72

The third scenario reviewed is the Route 72 Lane Reversal Plan. In this plan, lane reversals would begin on Long Beach Island in the east and extending west to the western terminus of Route 72, at the intersection with Route 70 (Four-Mile Circle). PBS&J determined that this lane reversal strategy would not affect the overall clearance times for Cape May, Atlantic or Ocean County as these times are limited by bottlenecks along the Garden State Parkway northbound at Exit 88. This strategy would improve clearance times at the Consequence Management point at Route 70 and Route 72 at Four-Mile Circle. These comparisons are presented in Table 3-7 below.

Table 3-7

Route 72 Lane Reversal Comparison (times in hours)

Storm Scenario	Without Contraflow	With Contraflow	Improvement
Category 3 – Low Occupancy	9.4	6.6	**2.8**
Category 3 – High Occupancy	20.0	13.2	**6.8**
Category 4 – Low Occupancy	11.9	8.2	**3.7**
Category 4 – High Occupancy	22.5	14.8	**7.7**

As the Consequence Management point at Route 70 and Route 72 is a limiting factor in evacuation movements for traffic heading west, implementing this reverse lane strategy would also improve Category 3 and 4 clearance times for Burlington County, with the new medium response clearance times for this county being the same as those listed in Table 3-7 above.

Scenario 4 – Interstate 195

The fourth scenario reviewed is the I-195 Lane Reversal Plan. In this plan, lane reversals would begin at Mile Post 1 at State Road 138, in Monmouth County and end at Mile Post 9 in Mercer County. PBS&J determined that this lane reversal strategy would not affect the overall clearance times for Cape May, Atlantic, or Ocean County as these times are limited by bottlenecks along the Garden State Parkway northbound at Exit 88 nor would it affect the overall clearance times for Monmouth County, which is determined by the bottleneck along the Garden State Parkway northbound at Exit 100 a-b. The plan would have a small, but positive impact on westbound transit times along Interstate 195. These findings are presented in Table 3-8 below.

Table 3-8

I-195 Lane Reversal Comparison (times in hours)

Storm Scenario	Without Contraflow	With Contraflow	Improvement
Category 3 – Low Occupancy	6.9	5.4	**1.5**
Category 3 – High Occupancy	9.9	7.3	**2.6**
Category 4 – Low Occupancy	8.6	6.5	**2.1**
Category 4 – High Occupancy	11.7	8.5	**3.2**

Scenario 5 – Cape May County Garden State Parkway Lane Reversal Proposal

The fifth scenario was proposed by Cape May County. In the Cape May County proposal, lane reversal would begin at the start of the Garden State Parkway in the south and would continue to the Atlantic City Expressway. A full analysis of this strategy revealed that it would not affect the overall clearance time for Cape May or Atlantic County as these times are limited by bottlenecks along the Garden State Parkway northbound at Exit 88. This strategy would improve local clearance times along the Garden State Parkway northbound. The plan would have a positive impact on

clearance times at the regional critical roadway segment along the Garden State Parkway at the Cape May County – Atlantic County boundary as well as at the Consequence Management point at the intersection of the Atlantic City Expressway and the Garden State Parkway. It should be noted that the benefits realized at the intersection of the Atlantic City Expressway and the Garden State Parkway are dependant upon a high level of operational support and coordination and relate to northbound traffic only. In addition, the benefits realized at the Consequence Management point at the intersection of the Atlantic City Expressway and the Garden State Parkway are the same as those that would be achieved through the implementation of the official Atlantic City Expressway Lane Reversal Plan. These findings are presented in Table 3-9 below.

Table 3-9

Cape May County Garden State Parkway
Proposed Lane Reversal Comparison (times in hours)

GSP at the Cape May – Atlantic County Boundary			
Storm Scenario	**Without Contraflow**	**With Contraflow**	**Improvement**
Category 3 – Low Occupancy	10.0	7.4	**2.6**
Category 3 – High Occupancy	22.8	15.4	**7.4**
Category 4 – Low Occupancy	11.5	8.3	**3.2**
Category 4 – High Occupancy	24.5	16.4	**8.1**
ACE at GSP (northbound traffic only)			
Storm Scenario	**Without Contraflow**	**With Contraflow**	**Improvement**
Category 3 – Low Occupancy	15.1	10.6	**4.5**
Category 3 – High Occupancy	30.4	20.1	**10.3**
Category 4 – Low Occupancy	18.5	12.7	**5.8**
Category 4 – High Occupancy	33.9	22.3	**11.6**

Tables 3-10 through 3-14 includes the regional clearance times by bottleneck location / critical roadway segment for the five scenarios identified above.

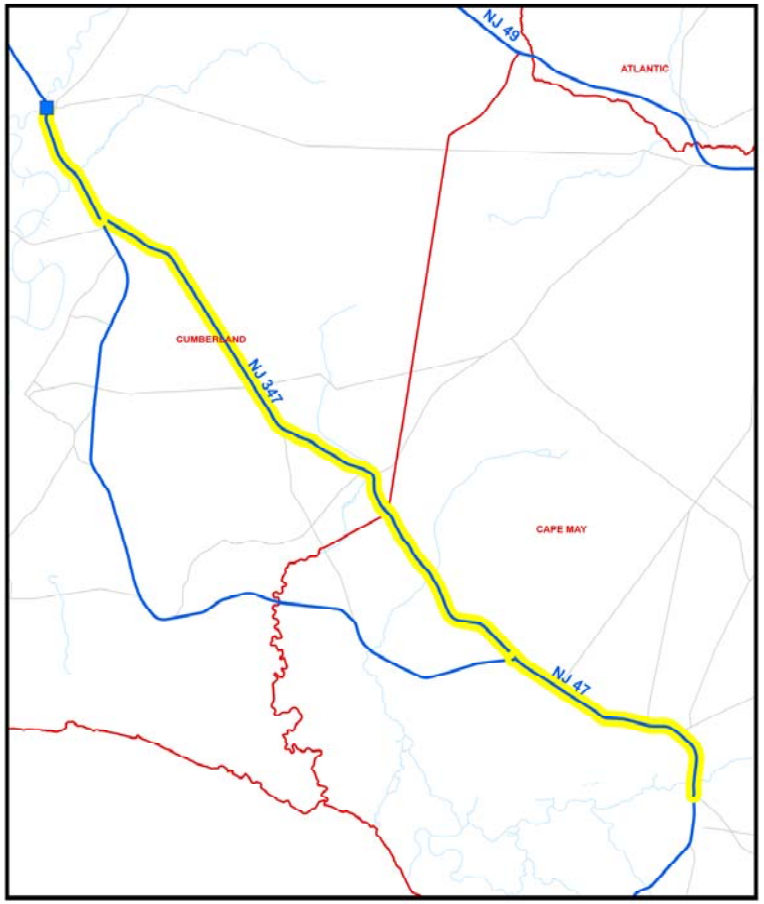
Figure 3-5

Reverse Lane Scenario Descriptions

LANE REVERSAL SCENARIOS

New Jersey State Police Lane Reversal Plan

NJ State Police Lane Reversal Plan - Begin at the junction of route 83 in the south and continue along NJ 47 and NJ 347 to the north, ending at the junction of Route 55 and NJ 47. The reversal does not include those sections of 47 that are parallel to NJ 347.



Atlantic City Expressway Reverse Lane Plan

Begin at Baltic Avenue in Atlantic City, Atlantic County in the east ending at State Highway 42 in Washington Township, Gloucester County

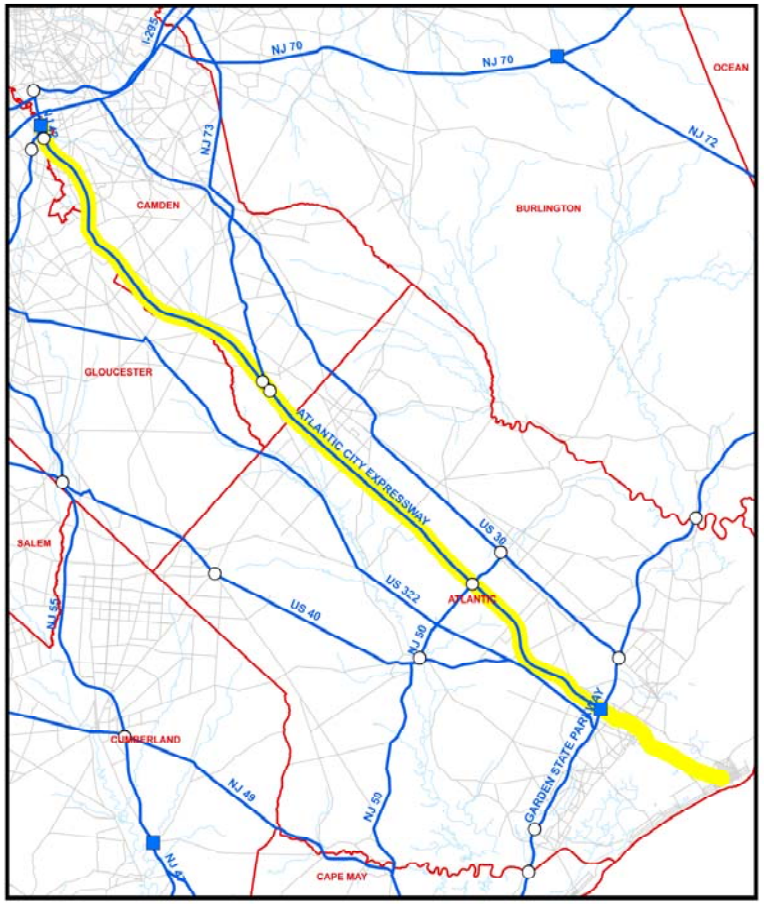


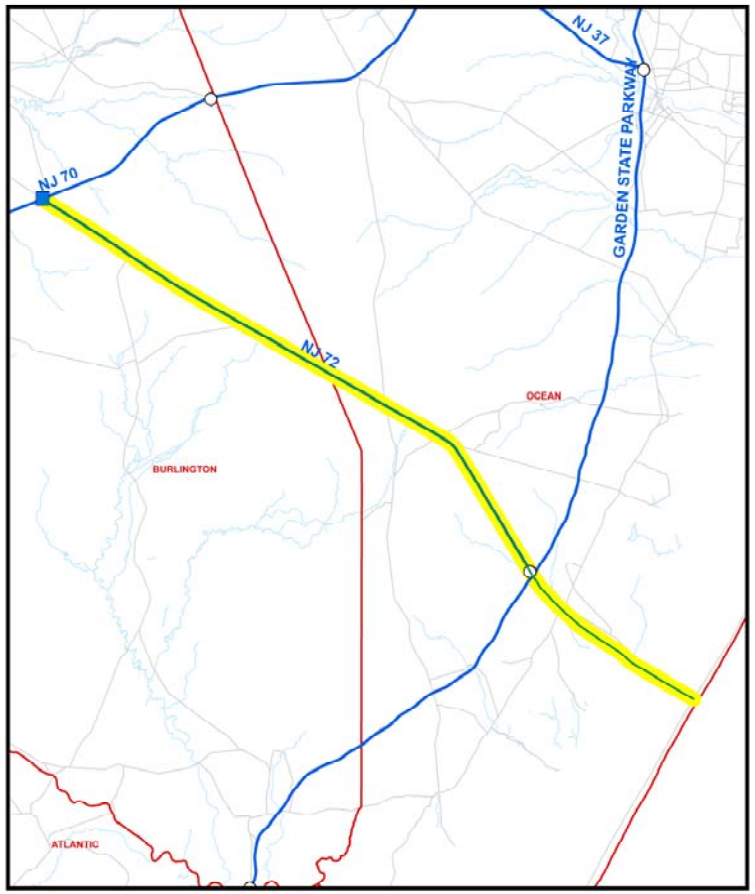
Figure 3-5

Reverse Lane Scenario Descriptions (continued**)**

LANE REVERSAL SCENARIOS

Route 72 / Long Beach Island Reverse Lane Plan

Begin on Long Beach Island in the east and extending west to the western terminus of Route 72, at the intersection with Route 70 (Four-Mile Circle)



I-195 Reverse Lane Plan

Begin at Mile Post 1 at State Road 138, in Monmouth County and end at Mile Post 9 in Mercer County

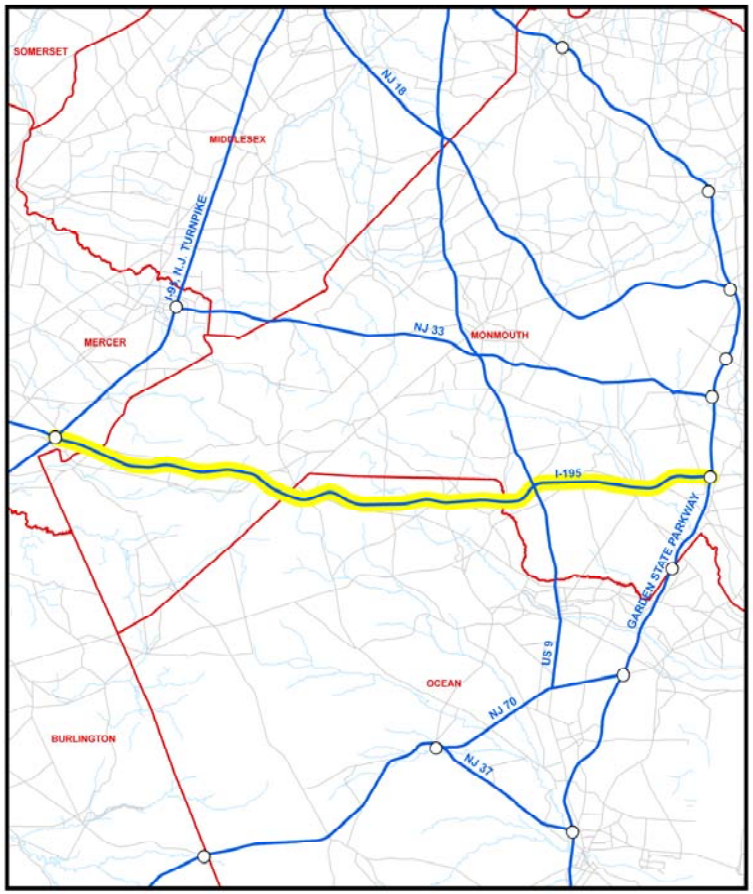


Figure 3-5

Reverse Lane Scenario Descriptions (continued**)**

LANE REVERSAL SCENARIOS

Cape May Lane Reversal Proposal

Cape May County Lane Reversal Proposal - Begin at GSP start in the south and continue to the Atlantic City Expressway.

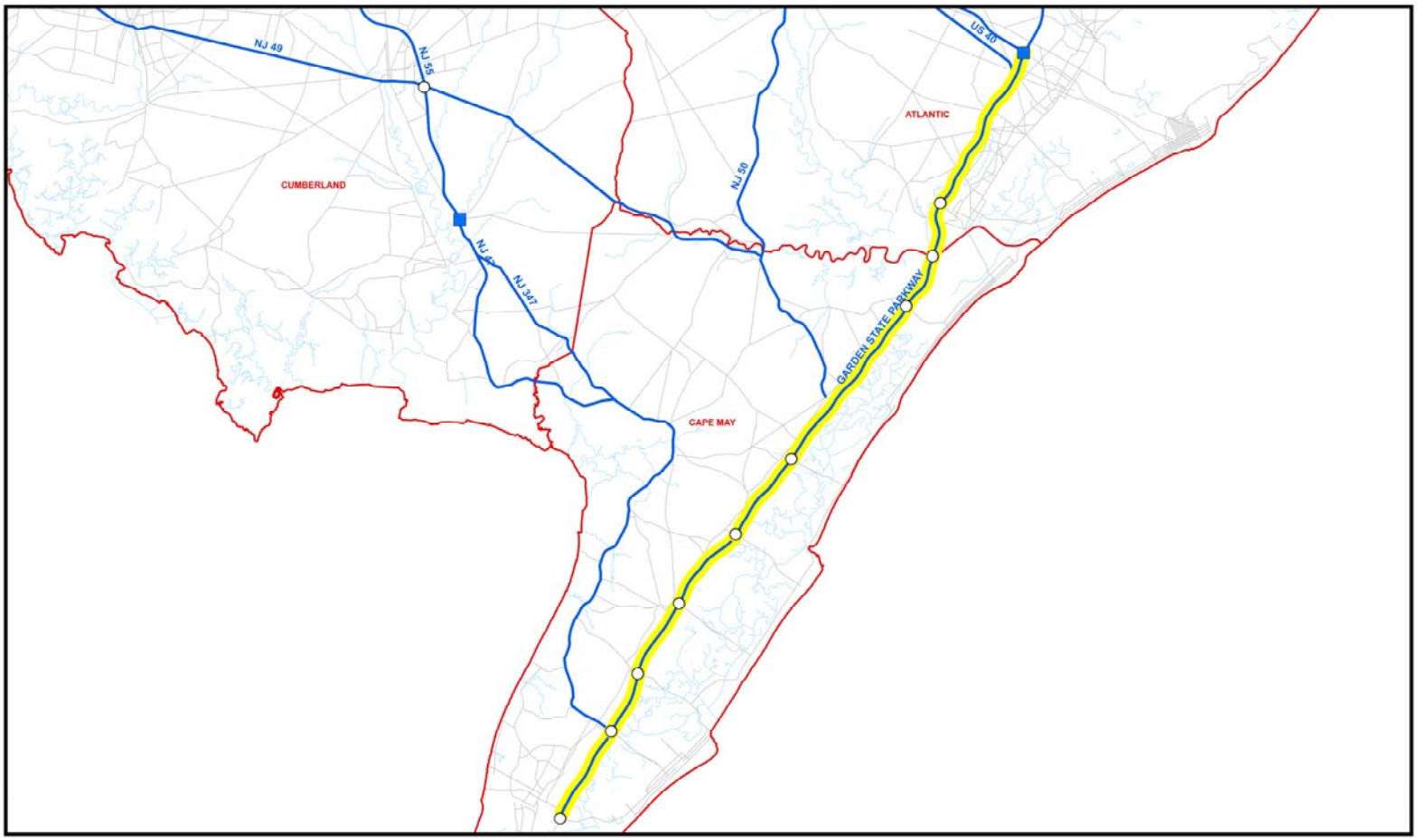


Table 3-10

Route 47 Reverse Lane Scenario
Critical Roadway Segment Clearance Times

ALL COUNTIES CLEARANCE TIMES New Jersey Hurricane Evacuation ReStudy 2006	LEGEND :	- CAT 1	- CAT 2	- CAT 3	- CAT 4				
	Route 47 Reverse Lane Scenario	Times (in hours)							
	Bottleneck Location / Critical Roadway Segment	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
REGIONAL	I-287 Exit 66	5.4	10.7	7.1	12.5	9.4	15.2	12.6	18.4
	GSP Exit 172	4.9	8.5	6.4	10.1	8.7	12.7	12.3	16.3
	Palisades Pkwy at US 9W	2.6	2.6	2.9	3.0	3.7	3.8	4.8	4.9
	GSP at I-80	4.8	8.0	6.1	9.4	8.1	11.6	11.1	14.6
	I-287 Exit 41 at I-80	5.3	10.1	7.1	11.9	9.5	14.7	13.0	18.3
	I-80 Exit 4	3.5	4.2	3.9	4.7	4.6	5.4	5.7	6.5
	I-78 Exit 3	4.0	6.0	4.7	6.8	5.8	8.1	7.7	9.9
	GSP at I-78	5.6	11.4	7.4	13.3	9.8	16.1	13.1	19.4
	I-287 Exit 21 at I-78	4.6	8.0	5.7	9.2	7.4	11.1	10.1	13.8
	I-287 Exit 3	4.5	7.8	5.5	9.0	7.0	10.6	8.8	12.4
	GSP Exit 127	6.1	13.2	8.3	15.6	11.0	18.7	14.4	22.1
	NJTP Exit 9	3.5	4.4	4.0	4.8	4.6	5.6	5.6	6.6
	I-195 Exit 8 MoC-MeC Boundary	4.3	6.9	5.3	8.1	6.9	9.9	8.6	11.7
	NJTP Exit 8	3.4	3.7	4.0	4.4	5.1	5.6	6.7	7.3
	GSP OC-MoC Boundary	6.9	16.9	9.5	19.6	12.4	23.0	15.9	26.6
	Route 70 at Route 37	2.2	2.4	2.3	2.7	2.7	3.2	3.3	3.8
	Route 70 at Route 530	2.4	3.0	2.7	3.5	3.6	4.7	4.8	5.9
	Consequence - Route 70 at Route 72	5.5	15.0	7.1	17.1	9.4	20.0	11.9	22.5
	I-295 Exits 26 and 27	3.8	5.5	4.3	5.5	5.0	6.2	5.8	7.0
	Consequence - Route 55 at Route 42	4.6	8.8	5.5	9.1	6.4	10.2	7.6	11.4
	Route 42 at Route 168	4.1	7.0	4.8	6.5	5.4	7.2	6.2	8.0
	ACE Exit 32	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	ACE Exit 31	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	GSP Exit 48 AC-OC Boundary	7.4	20.3	9.8	22.3	11.6	24.5	13.8	26.8
	Route 30 at Route 50 - Egg Harbor	1.3	2.2	1.6	2.1	1.9	2.4	2.4	2.8
	Route 40 - Buena	1.1	1.7	1.3	1.3	1.6	1.7	2.5	2.5
	ACE Exit 17	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	Route 40 at Route 50 - Mays Landing	1.1	1.6	1.2	1.3	1.6	1.6	2.3	2.4
	Consequence - GSP-ACE	9.0	26.2	12.3	27.3	15.1	30.4	18.5	33.9
	Route 55 Exit 24	3.8	9.1	4.8	10.6	5.9	11.8	7.2	13.2
	Consequence - Route 47 - Port Elizabeth	4.3	11.4	5.5	13.3	6.6	14.6	7.9	16.0
	NJTP Exit 1	4.3	6.3	5.5	7.2	7.3	9.2	9.6	11.5
	Route 55 Exit 56	4.6	8.9	5.4	10.2	6.3	11.3	7.5	12.5
	Route 55 Exit 39	4.7	9.4	5.6	10.8	6.6	12.0	7.9	13.4
	GSP CMC-AC Boundary	7.1	18.5	8.7	21.3	10.0	22.8	11.5	24.5

Note: Reverse lane segments in yellow, “downstream” segments in green

Table 3-11

Atlantic City Expressway Reverse Lane Scenario
Critical Roadway Segment Clearance Times

ALL COUNTIES CLEARANCE TIMES New Jersey Hurricane Evacuation ReStudy 2006	LEGEND :	- CAT 1	- CAT 2	- CAT 3	- CAT 4				
	ACE Reverse Lane Scenario	Times (in hours)							
	Bottleneck Location / Critical Roadway Segment	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
REGIONAL	I-287 Exit 66	5.4	10.7	7.1	12.5	9.4	15.2	12.6	18.4
	GSP Exit 172	4.9	8.5	6.4	10.1	8.7	12.7	12.3	16.3
	Palisades Pkwy at US 9W	2.6	2.6	2.9	3.0	3.7	3.8	4.8	4.9
	GSP at I-80	4.8	8.0	6.1	9.4	8.1	11.6	11.1	14.6
	I-287 Exit 41 at I-80	5.3	10.1	7.1	11.9	9.5	14.7	13.0	18.3
	I-80 Exit 4	3.5	4.2	3.9	4.7	4.6	5.4	5.7	6.5
	I-78 Exit 3	4.0	6.0	4.7	6.8	5.8	8.1	7.7	9.9
	GSP at I-78	5.6	11.4	7.4	13.3	9.8	16.1	13.1	19.4
	I-287 Exit 21 at I-78	4.6	8.0	5.7	9.2	7.4	11.1	10.1	13.8
	I-287 Exit 3	4.5	7.8	5.5	9.0	7.0	10.6	8.8	12.4
	GSP Exit 127	6.1	13.2	8.3	15.6	11.0	18.7	14.4	22.1
	NJTP Exit 9	3.5	4.4	4.0	4.8	4.6	5.6	5.6	6.6
	I-195 Exit 8 MoC-MeC Boundary	4.3	6.9	5.3	8.1	6.9	9.9	8.6	11.7
	NJTP Exit 8	3.4	3.7	4.0	4.4	5.1	5.6	6.7	7.3
	GSP OC-MoC Boundary	6.9	16.9	9.5	19.6	12.4	23.0	15.9	26.6
	Route 70 at Route 37	2.2	2.4	2.3	2.7	2.7	3.2	3.3	3.8
	Route 70 at Route 530	2.4	3.0	2.7	3.5	3.6	4.7	4.8	5.9
	Consequence - Route 70 at Route 72	5.5	15.0	7.1	17.1	9.4	20.0	11.9	22.5
	I-295 Exits 26 and 27	3.8	5.5	4.3	5.5	5.0	6.2	5.8	7.0
	Consequence - Route 55 at Route 42	4.6	8.8	5.5	9.1	6.4	10.2	7.6	11.4
	Route 42 at Route 168	4.1	7.0	4.8	6.5	5.4	7.2	6.2	8.0
	ACE Exit 32	4.3	7.7	5.2	7.1	5.9	7.9	6.9	8.9
	ACE Exit 31	4.3	7.7	5.2	7.1	5.9	7.9	6.9	8.9
	GSP Exit 48 AC-OC Boundary	7.4	20.3	9.8	22.3	11.6	24.5	13.8	26.8
	Route 30 at Route 50 - Egg Harbor	1.3	2.2	1.6	2.1	1.9	2.4	2.4	2.8
	Route 40 - Buena	1.1	1.7	1.3	1.3	1.6	1.7	2.5	2.5
	ACE Exit 17	4.3	7.7	5.2	7.1	5.9	7.9	6.9	8.9
	Route 40 at Route 50 - Mays Landing	1.1	1.6	1.2	1.3	1.6	1.6	2.3	2.4
	Consequence - GSP-ACE	6.8	17.5	8.8	18.2	10.6	20.1	12.7	22.3
	Route 55 Exit 24	3.8	9.1	4.8	10.6	5.9	11.8	7.2	13.2
	Consequence - Route 47 - Port Elizabeth	5.7	17.0	7.7	20.1	9.4	22.2	11.4	24.4
	NJTP Exit 1	4.3	6.3	5.5	7.2	7.3	9.2	9.6	11.5
	Route 55 Exit 56	4.6	8.9	5.4	10.2	6.3	11.3	7.5	12.5
	Route 55 Exit 39	4.7	9.4	5.6	10.8	6.6	12.0	7.9	13.4
	GSP CMC-AC Boundary	7.1	18.5	8.7	21.3	10.0	22.8	11.5	24.5

Note: Reverse lane segments in yellow, “downstream” segments in green

Table 3-12

Route 72 Reverse Lane Scenario
Critical Roadway Segment Clearance Times

ALL COUNTIES CLEARANCE TIMES New Jersey Hurricane Evacuation ReStudy 2006	LEGEND :	- CAT 1	- CAT 2	- CAT 3	- CAT 4				
	Route 72 Reverse Lane Scenario	Times (in hours)							
	Bottleneck Location / Critical Roadway Segment	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
REGIONAL	I-287 Exit 66	5.4	10.7	7.1	12.5	9.4	15.2	12.6	18.4
	GSP Exit 172	4.9	8.5	6.4	10.1	8.7	12.7	12.3	16.3
	Palisades Pkwy at US 9W	2.6	2.6	2.9	3.0	3.7	3.8	4.8	4.9
	GSP at I-80	4.8	8.0	6.1	9.4	8.1	11.6	11.1	14.6
	I-287 Exit 41 at I-80	5.3	10.1	7.1	11.9	9.5	14.7	13.0	18.3
	I-80 Exit 4	3.5	4.2	3.9	4.7	4.6	5.4	5.7	6.5
	I-78 Exit 3	4.0	6.0	4.7	6.8	5.8	8.1	7.7	9.9
	GSP at I-78	5.6	11.4	7.4	13.3	9.8	16.1	13.1	19.4
	I-287 Exit 21 at I-78	4.6	8.0	5.7	9.2	7.4	11.1	10.1	13.8
	I-287 Exit 3	4.5	7.8	5.5	9.0	7.0	10.6	8.8	12.4
	GSP Exit 127	6.1	13.2	8.3	15.6	11.0	18.7	14.4	22.1
	NJTP Exit 9	3.5	4.4	4.0	4.8	4.6	5.6	5.6	6.6
	I-195 Exit 8 MoC-MeC Boundary	4.3	6.9	5.3	8.1	6.9	9.9	8.6	11.7
	NJTP Exit 8	3.4	3.7	4.0	4.4	5.1	5.6	6.7	7.3
	GSP OC-MoC Boundary	6.9	16.9	9.5	19.6	12.4	23.0	15.9	26.6
	Route 70 at Route 37	2.2	2.4	2.3	2.7	2.7	3.2	3.3	3.8
	Route 70 at Route 530	2.4	3.0	2.7	3.5	3.6	4.7	4.8	5.9
	Consequence - Route 70 at Route 72	4.2	10.1	5.2	11.4	6.6	13.2	8.2	14.8
	I-295 Exits 26 and 27	3.8	5.5	4.3	5.5	5.0	6.2	5.8	7.0
	Consequence - Route 55 at Route 42	4.6	8.8	5.5	9.1	6.4	10.2	7.6	11.4
	Route 42 at Route 168	4.1	7.0	4.8	6.5	5.4	7.2	6.2	8.0
	ACE Exit 32	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	ACE Exit 31	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	GSP Exit 48 AC-OC Boundary	7.4	20.3	9.8	22.3	11.6	24.5	13.8	26.8
	Route 30 at Route 50 - Egg Harbor	1.3	2.2	1.6	2.1	1.9	2.4	2.4	2.8
	Route 40 - Buena	1.1	1.7	1.3	1.3	1.6	1.7	2.5	2.5
	ACE Exit 17	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	Route 40 at Route 50 - Mays Landing	1.1	1.6	1.2	1.3	1.6	1.6	2.3	2.4
	Consequence - GSP-ACE	9.0	26.2	12.3	27.3	15.1	30.4	18.5	33.9
	Route 55 Exit 24	3.8	9.1	4.8	10.6	5.9	11.8	7.2	13.2
	Consequence - Route 47 - Port Elizabeth	5.7	17.0	7.7	20.1	9.4	22.2	11.4	24.4
	NJTP Exit 1	4.3	6.3	5.5	7.2	7.3	9.2	9.6	11.5
	Route 55 Exit 56	4.6	8.9	5.4	10.2	6.3	11.3	7.5	12.5
	Route 55 Exit 39	4.7	9.4	5.6	10.8	6.6	12.0	7.9	13.4
	GSP CMC-AC Boundary	7.1	18.5	8.7	21.3	10.0	22.8	11.5	24.5

Note: Reverse lane segment in yellow

Table 3-13

Interstate 195 Reverse Lane Scenario
Critical Roadway Segment Clearance Times

ALL COUNTIES CLEARANCE TIMES New Jersey Hurricane Evacuation ReStudy 2006	LEGEND :	- CAT 1	- CAT 2	- CAT 3	- CAT 4				
	I-195 Reverse Lane Scenario	Times (in hours)							
	Bottleneck Location / Critical Roadway Segment	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
REGIONAL	I-287 Exit 66	5.4	10.7	7.1	12.5	9.4	15.2	12.6	18.4
	GSP Exit 172	4.9	8.5	6.4	10.1	8.7	12.7	12.3	16.3
	Palisades Pkwy at US 9W	2.6	2.6	2.9	3.0	3.7	3.8	4.8	4.9
	GSP at I-80	4.8	8.0	6.1	9.4	8.1	11.6	11.1	14.6
	I-287 Exit 41 at I-80	5.3	10.1	7.1	11.9	9.5	14.7	13.0	18.3
	I-80 Exit 4	3.5	4.2	3.9	4.7	4.6	5.4	5.7	6.5
	I-78 Exit 3	4.0	6.0	4.7	6.8	5.8	8.1	7.7	9.9
	GSP at I-78	5.6	11.4	7.4	13.3	9.8	16.1	13.1	19.4
	I-287 Exit 21 at I-78	4.6	8.0	5.7	9.2	7.4	11.1	10.1	13.8
	I-287 Exit 3	4.5	7.8	5.5	9.0	7.0	10.6	8.8	12.4
	GSP Exit 127	6.1	13.2	8.3	15.6	11.0	18.7	14.4	22.1
	NJTP Exit 9	3.5	4.4	4.0	4.8	4.6	5.6	5.6	6.6
	I-195 Exit 8 MoC-MeC Boundary	3.8	5.4	4.5	6.2	5.4	7.3	6.5	8.5
	NJTP Exit 8	3.4	3.7	4.0	4.4	5.1	5.6	6.7	7.3
	GSP OC-MoC Boundary	6.9	16.9	9.5	19.6	12.4	23.0	15.9	26.6
	Route 70 at Route 37	2.2	2.4	2.3	2.7	2.7	3.2	3.3	3.8
	Route 70 at Route 530	2.4	3.0	2.7	3.5	3.6	4.7	4.8	5.9
	Consequence - Route 70 at Route 72	5.5	15.0	7.1	17.1	9.4	20.0	11.9	22.5
	I-295 Exits 26 and 27	3.8	5.5	4.3	5.5	5.0	6.2	5.8	7.0
	Consequence - Route 55 at Route 42	4.6	8.8	5.5	9.1	6.4	10.2	7.6	11.4
	Route 42 at Route 168	4.1	7.0	4.8	6.5	5.4	7.2	6.2	8.0
	ACE Exit 32	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	ACE Exit 31	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	GSP Exit 48 AC-OC Boundary	7.4	20.3	9.8	22.3	11.6	24.5	13.8	26.8
	Route 30 at Route 50 - Egg Harbor	1.3	2.2	1.6	2.1	1.9	2.4	2.4	2.8
	Route 40 - Buena	1.1	1.7	1.3	1.3	1.6	1.7	2.5	2.5
	ACE Exit 17	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	Route 40 at Route 50 - Mays Landing	1.1	1.6	1.2	1.3	1.6	1.6	2.3	2.4
	Consequence - GSP-ACE	9.0	26.2	12.3	27.3	15.1	30.4	18.5	33.9
	Route 55 Exit 24	3.8	9.1	4.8	10.6	5.9	11.8	7.2	13.2
	Consequence - Route 47 - Port Elizabeth	5.7	17.0	7.7	20.1	9.4	22.2	11.4	24.4
	NJTP Exit 1	4.3	6.3	5.5	7.2	7.3	9.2	9.6	11.5
	Route 55 Exit 56	4.6	8.9	5.4	10.2	6.3	11.3	7.5	12.5
	Route 55 Exit 39	4.7	9.4	5.6	10.8	6.6	12.0	7.9	13.4
	GSP CMC-AC Boundary	7.1	18.5	8.7	21.3	10.0	22.8	11.5	24.5

Note: Reverse lane segment in yellow

Table 3-14

Cape Map County – Garden State Parkway Proposed Reverse Lane Scenario
Critical Roadway Segment Clearance Times

ALL COUNTIES CLEARANCE TIMES New Jersey Hurricane Evacuation ReStudy 2006	LEGEND :	- CAT 1	- CAT 2	- CAT 3	- CAT 4				
	GSP Reverse Lane Scenario	Times (in hours)							
	Bottleneck Location / Critical Roadway Segment	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
REGIONAL	I-287 Exit 66	5.4	10.7	7.1	12.5	9.4	15.2	12.6	18.4
	GSP Exit 172	4.9	8.5	6.4	10.1	8.7	12.7	12.3	16.3
	Palisades Pkwy at US 9W	2.6	2.6	2.9	3.0	3.7	3.8	4.8	4.9
	GSP at I-80	4.8	8.0	6.1	9.4	8.1	11.6	11.1	14.6
	I-287 Exit 41 at I-80	5.3	10.1	7.1	11.9	9.5	14.7	13.0	18.3
	I-80 Exit 4	3.5	4.2	3.9	4.7	4.6	5.4	5.7	6.5
	I-78 Exit 3	4.0	6.0	4.7	6.8	5.8	8.1	7.7	9.9
	GSP at I-78	5.6	11.4	7.4	13.3	9.8	16.1	13.1	19.4
	I-287 Exit 21 at I-78	4.6	8.0	5.7	9.2	7.4	11.1	10.1	13.8
	I-287 Exit 3	4.5	7.8	5.5	9.0	7.0	10.6	8.8	12.4
	GSP Exit 127	6.1	13.2	8.3	15.6	11.0	18.7	14.4	22.1
	NJTP Exit 9	3.5	4.4	4.0	4.8	4.6	5.6	5.6	6.6
	I-195 Exit 8 MoC-MeC Boundary	4.3	6.9	5.3	8.1	6.9	9.9	8.6	11.7
	NJTP Exit 8	3.4	3.7	4.0	4.4	5.1	5.6	6.7	7.3
	GSP OC-MoC Boundary	6.9	16.9	9.5	19.6	12.4	23.0	15.9	26.6
	Route 70 at Route 37	2.2	2.4	2.3	2.7	2.7	3.2	3.3	3.8
	Route 70 at Route 530	2.4	3.0	2.7	3.5	3.6	4.7	4.8	5.9
	Consequence - Route 70 at Route 72	5.5	15.0	7.1	17.1	9.4	20.0	11.9	22.5
	I-295 Exits 26 and 27	3.8	5.5	4.3	5.5	5.0	6.2	5.8	7.0
	Consequence - Route 55 at Route 42	4.6	8.8	5.5	9.1	6.4	10.2	7.6	11.4
	Route 42 at Route 168	4.1	7.0	4.8	6.5	5.4	7.2	6.2	8.0
	ACE Exit 32	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	ACE Exit 31	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	GSP Exit 48 AC-OC Boundary	7.4	20.3	9.8	22.3	11.6	24.5	13.8	26.8
	Route 30 at Route 50 - Egg Harbor	1.3	2.2	1.6	2.1	1.9	2.4	2.4	2.8
	Route 40 - Buena	1.1	1.7	1.3	1.3	1.6	1.7	2.5	2.5
	ACE Exit 17	5.0	10.6	6.5	9.6	7.7	10.9	9.3	12.5
	Route 40 at Route 50 - Mays Landing	1.1	1.6	1.2	1.3	1.6	1.6	2.3	2.4
	Consequence - GSP-ACE	6.8	17.5	8.8	18.2	10.6	20.1	12.7	22.3
	Route 55 Exit 24	3.8	9.1	4.8	10.6	5.9	11.8	7.2	13.2
	Consequence - Route 47 - Port Elizabeth	5.7	17.0	7.7	20.1	9.4	22.2	11.4	24.4
	NJTP Exit 1	4.3	6.3	5.5	7.2	7.3	9.2	9.6	11.5
	Route 55 Exit 56	4.6	8.9	5.4	10.2	6.3	11.3	7.5	12.5
	Route 55 Exit 39	4.7	9.4	5.6	10.8	6.6	12.0	7.9	13.4
	GSP CMC-AC Boundary	5.6	12.7	6.6	14.4	7.4	15.4	8.3	16.4

Note: Reverse lane segments in yellow, “downstream” westbound segments in green, northbound segments in tan.

Table 3-14

Cape Map County – Garden State Parkway Proposed Reverse Lane Scenario
Critical Roadway Segment Clearance Times (continued)

		Times (in hours)							
	Bottleneck Location / Critical Roadway Segment	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
LOCAL	GSP Exit 117	6.9	14.2	9.4	16.9	12.3	20.2	15.6	23.5
	GSP Exit 109	6.8	15.6	9.5	18.5	12.7	22.1	16.4	25.9
	GSP Exit 105	6.7	15.5	9.3	18.3	12.4	21.9	15.9	25.5
	GSP Exit 102	6.6	15.4	9.1	18.0	12.1	21.5	15.6	25.1
	GSP Exit 100 a-b	7.1	17.2	9.8	20.1	13.1	24.0	17.0	27.9
	GSP Exit 96	7.0	17.0	9.6	19.8	12.6	23.3	16.2	27.0
	GSP Exit 88	12.1	25.6	17.1	30.8	22.1	36.5	27.6	42.0
	GSP Exit 82	10.5	23.1	14.3	27.0	17.8	31.0	20.9	34.2
	GSP Exit 63	10.5	26.3	13.8	29.5	16.7	32.8	19.5	35.8
	GSP Exit 40	13.7	21.7	17.4	26.4	18.7	27.9	20.3	26.8
	GSP Exit 30	9.1	13.7	10.8	15.9	11.5	16.8	12.4	16.0
	GSP Exit 25	6.1	12.0	7.7	14.2	8.4	15.0	9.3	16.0
	GSP Exit 17	5.5	10.3	6.8	12.0	7.5	12.8	8.1	13.4
	GSP Exit 13	5.0	8.4	6.2	10.0	6.8	10.7	7.3	11.2
	GSP Exit 10	4.2	6.1	4.9	7.0	5.2	7.4	5.5	7.7
	GSP Exit 06	4.0	5.6	4.7	6.4	4.9	6.7	5.2	7.0
	GSP Exit 04	3.1	4.8	3.8	5.8	4.1	6.1	4.4	6.5
	Route 109 at GSP Start	1.3	1.9	1.5	2.1	1.5	2.2	1.6	2.2

Note: Reverse lane segments in yellow, “downstream” northbound segments in tan.

3.9 CAPE MAY COUNTY – ALTERNATE EVACUATION ANALYSIS

PBS&J recommends using the behavioral assumptions that are included in the Abbreviated Transportation Model (ATM) for the purposes of estimating clearance times. The ATM is open to user defined inputs and state and local government officials may test alternate evacuation scenarios based on varying socioeconomic and behavioral assumptions. It is critically important that clearance times generated through the Hurricane Evacuation Study process not underestimate the time required for all vehicles to reach their final destinations. Failure to accurately estimate this could influence emergency mangers in calling for an evacuation later than one is needed, potentially leaving vehicles on the road after the onset of tropical storm force winds and individuals in harms way. It is also just as important that clearance times not grossly overestimate the time required to clear an area. Clearance times that are inaccurately long may force decision makers to call evacuations prematurely and unnecessarily load the evacuation roadway network, presenting equally compelling risks to public safety.

As was outlined in Section 2.3, PBS&J models zones that will be evacuated for storm surge at a 100 percent participation rate. While responsibly high, these rates reflect high shadow participation and anticipate the potential for fast moving storm events. A portion of the theoretically non-vulnerable population (shadow evacuees) is also assumed to evacuate in the model. Shadow evacuations are modeled at relatively high levels for tourists and mobile home residents. Permanent residents are assumed to have a lower effect on shadow evacuation. Finally, while the mobile home evacuation rate in storm surge vulnerable areas is assumed to be 100 percent, all mobile homes lying in inland zones are assumed to evacuate in Category 3 and 4 events. As was noted previously, in the interest of public safety, the clearance times calculated in this study allow those who are vulnerable to storm surge the opportunity to evacuate whether they choose to or not.

Through stakeholder coordination with Cape May County, due to national media attention associated with potential regional vulnerabilities and local concerns associated with storm risks including building safety and the potential isolation of evacuation routes, Cape May County intends to call an evacuation order for the entire permanent and seasonal population in all storm events. In order to model this scenario, PBS&J used the behavioral assumption employed in the Category 4 storm scenario for Cape May County to the Category 1 event. This proposed strategy would be to load 100 percent of the expected evacuating vehicles from Cape May onto the evacuation roadway network in a Category 1 event. While this strategy would have no impact on clearance times in a Category 4 event, it would have significant impacts on local and regional clearance times in Category 1-3 events. The most significant increases in clearance times would occur along the Garden State Parkway and Westbound via Route 47 and Route 55. Successful implementation of this scenario would require extensive intergovernmental coordination with neighboring counties, the State Office of Emergency Management and FEMA.

Table 3-15 illustrates the clearance time increases associated with a Cape May County Category 1 storm event total evacuation. Blocks in pink identify segment clearance times that will increase as a result of this strategy. Blocks in red identify segments that will have clearance time increases greater than one hour.

Table 3-15

Cape May County– Alternate Evacuation Analysis

ALL COUNTIES CLEARANCE TIMES New Jersey Hurricane Evacuation ReStudy 2006	LEGEND :	- CAT 1	- CAT 2	- CAT 3	- CAT 4				
	CAPE MAY - Category 1 Total Evacuation	Times (in hours)							
	Bottleneck Location / Critical Roadway Segment	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
REGIONAL	I-287 Exit 66	5.7	11.3	7.3	12.8	9.5	15.3	12.6	18.4
	GSP Exit 172	5.2	9.0	6.6	10.3	8.8	12.8	12.3	16.3
	Palisades Pkwy at US 9W	2.6	2.6	2.9	3.0	3.7	3.8	4.8	4.9
	GSP at I-80	5.0	8.4	6.2	9.6	8.2	11.7	11.1	14.6
	I-287 Exit 41 at I-80	5.6	10.7	7.2	12.2	9.6	14.8	13.0	18.3
	I-80 Exit 4	3.5	4.3	3.9	4.7	4.6	5.4	5.7	6.5
	I-78 Exit 3	4.1	6.3	4.8	6.9	5.9	8.1	7.7	9.9
	GSP at I-78	6.0	12.1	7.7	13.7	10.0	16.3	13.1	19.4
	I-287 Exit 21 at I-78	4.8	8.4	5.9	9.4	7.5	11.2	10.1	13.8
	I-287 Exit 3	4.7	8.3	5.7	9.2	7.0	10.7	8.8	12.4
	GSP Exit 127	6.6	14.2	8.6	16.0	11.2	19.0	14.4	22.1
	NJTP Exit 9	3.6	4.4	4.0	4.9	4.7	5.6	5.6	6.6
	I-195 Exit 8 MoC-MeC Boundary	4.4	7.2	5.4	8.2	6.9	10.0	8.6	11.7
	NJTP Exit 8	3.4	3.7	4.0	4.4	5.1	5.6	6.7	7.3
	GSP OC-MoC Boundary	7.6	18.2	9.9	20.1	12.7	23.3	15.9	26.6
	Route 70 at Route 37	2.2	2.4	2.3	2.7	2.7	3.2	3.3	3.8
	Route 70 at Route 530	2.4	3.0	2.7	3.5	3.6	4.7	4.8	5.9
	Consequence - Route 70 at Route 72	5.5	15.0	7.1	17.1	9.4	20.0	11.9	22.5
	I-295 Exits 26 and 27	3.8	5.6	4.3	5.5	5.0	6.2	5.8	7.0
	Consequence - Route 55 at Route 42	4.9	9.5	5.7	9.4	6.6	10.3	7.6	11.4
	Route 42 at Route 168	4.1	7.1	4.8	6.5	5.4	7.2	6.2	8.0
	ACE Exit 32	5.1	10.8	6.5	9.6	7.7	10.9	9.3	12.5
	ACE Exit 31	5.1	10.8	6.5	9.6	7.7	10.9	9.3	12.5
	GSP Exit 48 AC-OC Boundary	8.8	23.0	10.6	23.4	12.2	25.1	13.8	26.8
	Route 30 at Route 50 - Egg Harbor	1.3	2.2	1.6	2.1	1.9	2.4	2.4	2.8
	Route 40 - Buena	1.1	1.7	1.3	1.3	1.6	1.7	2.5	2.5
	ACE Exit 17	5.1	10.8	6.5	9.6	7.7	10.9	9.3	12.5
	Route 40 at Route 50 - Mays Landing	1.1	1.6	1.2	1.3	1.6	1.6	2.3	2.4
	Consequence - GSP-ACE	10.5	29.1	13.2	28.4	15.7	31.1	18.5	33.9
	Route 55 Exit 24	4.7	10.6	5.3	11.3	6.2	12.2	7.2	13.2
	Consequence - Route 47 - Port Elizabeth	7.8	20.6	8.9	21.8	10.2	23.1	11.4	24.4
	NJTP Exit 1	4.4	6.5	5.5	7.3	7.3	9.3	9.6	11.5
	Route 55 Exit 56	5.3	10.2	5.8	10.8	6.6	11.6	7.5	12.5
	Route 55 Exit 39	5.5	10.8	6.1	11.5	7.0	12.4	7.9	13.4
	GSP CMC-AC Boundary	8.6	21.4	9.5	22.4	10.5	23.5	11.5	24.5

Table 3-15

Cape May County− Alternate Evacuation Analysis (continued)

		Times (in hours)							
	Bottleneck Location / Critical Roadway Segment	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
LOCAL	GSP Exit 117	7.4	15.2	9.7	17.3	12.5	20.4	15.6	23.5
	GSP Exit 109	7.4	16.7	9.9	19.0	12.9	22.4	16.4	25.9
	GSP Exit 105	7.3	16.6	9.7	18.8	12.6	22.1	15.9	25.5
	GSP Exit 102	7.2	16.5	9.4	18.5	12.3	21.8	15.6	25.1
	GSP Exit 100 a-b	7.8	18.5	10.2	20.6	13.4	24.3	17.0	27.9
	GSP Exit 96	7.7	18.4	10.0	20.3	12.9	23.7	16.2	27.0
	GSP Exit 88	13.0	27.4	17.7	31.5	22.5	36.9	27.6	42.0
	GSP Exit 82	11.4	24.9	14.9	27.8	18.2	31.4	20.9	34.2
	GSP Exit 63	11.9	29.0	14.6	30.6	17.2	33.4	19.5	35.8
	GSP Exit 40	19.0	28.0	20.0	29.2	20.1	29.4	20.3	26.8
	GSP Exit 30	18.0	26.5	18.0	26.5	18.0	26.5	18.0	23.7
	GSP Exit 25	13.0	23.7	13.0	23.7	13.0	23.7	13.0	23.7
	GSP Exit 17	11.2	19.7	11.2	19.7	11.2	19.7	11.2	19.7
	GSP Exit 13	9.9	16.2	9.9	16.2	9.9	16.2	9.9	16.2
	GSP Exit 10	7.0	10.5	7.0	10.5	7.0	10.5	7.0	10.5
	GSP Exit 06	6.5	9.4	6.5	9.4	6.5	9.4	6.5	9.4
	GSP Exit 04	5.9	9.1	5.9	9.1	5.9	9.1	5.9	9.1
	Route 109 at GSP Start	1.9	3.0	1.9	3.0	1.9	3.0	1.9	3.0

4.0 CONSEQUENCE MANAGEMENT

As part of the Scope of Work for the New Jersey Hurricane Evacuation Study, PBS&J developed a Consequence Management Module (CMM) as part of the Abbreviated Transportation Model. The Consequence Management Module is an Excel spreadsheet-based application that interfaces with the Abbreviated Transportation Model used for estimating the clearance times that are published in this report. The Consequence Management Module was designed to aid emergency managers in understanding where traffic might be on an hour by hour basis during an evacuation at critical regional consequence management points.

The crucial roadway segments identified as Consequence Management points include:

Burlington County	Route 70 at Route 72
Camden County	Route 55 at Route 42
Atlantic County	The Garden State Parkway at the Atlantic City Expressway
Cumberland County	Port Elizabeth

The Consequence Management module uses evacuating vehicle data for the bottleneck from a worst case scenario Category 4 storm event from the Abbreviated Transportation Model. The Average Daily Trips for the roadway segment were obtained through Google Earth Pro. While it is recommended that the default data be used, the module allows users to define either of these figures in the event that a lower intensity scenario is being tested or updated information on background traffic is obtained.

The module further allows users to define the average population per vehicle, the level of service (LOS) D hourly volume for the segment, as well as the primary input lanes. The persons per vehicle and the roadway service volumes correspond with input data used in the ATM and will likely not be modified by the user. Primary input lane figures can be increased to reflect a reverse lane strategy or decreased to reflect construction or other lane reductions.

The Consequence Management module uses these input data to meter background traffic and evacuating vehicles through the consequence management point. On an hour by hour basis, up to 36 hours, the module identifies the number of vehicles (both evacuees as well as background traffic) that have passed through the point as well as the number that remain in the cue. The module provides a table that identified the longest cue length – in vehicles and miles – as well as the cue length at 12, 18, 24 and 36 hours.

Another feature of the module is that it provides emergency managers with a tool to help manage what to do about individuals remaining in the cue at any given hour – whether they can be redirected to a shelter or whether they may be stranded "upstream" of the consequence management point and may require some form of sheltering of last resort. The sheltering component looks at two types of shelter – ARC and Host shelters. ARC shelters have been evaluated and meet the safety requirements of the American Red Cross while the host shelters either have not been evaluated or represent structures that may be relied upon as shelters in certain circumstances.

Users can adjust the number of available shelter spaces that fall within 10 and 20 miles from the consequence management point in each of the two categories of shelters. Users can also adjust the availability of spaces based on real time operational data, as well as the sheltering density (the amount of shelter space assigned to an individual). The module then identifies the shelter surplus (or deficit) at a given hour if everyone in cue is assumed to be escorted or otherwise directed to shelters.

Appendix A

APPENDIX A

Glossary of Terms

This report uses a range of terms that are commonplace in reports associated with hurricane planning and emergency management. While these terms are in general use, they may be unfamiliar to the general public. This appendix does not seek to provide an exhaustive compendium of terminology, but rather includes descriptions of key terms used in the report. A good source of terminology on hurricanes is available on the FEMA website, at http://www.fema.gov/hazard/hurricane/hu_terms.shtm. For individuals seeking more information on terminology, an extremely comprehensive glossary and acronyms of emergency management terms was prepared under contract between the U.S. Department of Energy and Oak Ridge Associated Universities, and is available at http://www.orau.gov/emi/products/glossary.pdf. Some of the more commonly used terms are listed below.

Tropical Depression:
An organized system of clouds and thunderstorms with a defined surface circulation and maximum sustained winds of 38 MPH (33 knots) or less. Sustained winds are defined as one-minute average wind measured at about 33 ft (10 meters) above the surface.

Tropical Storm:
An organized system of strong thunderstorms with a defined surface circulation and maximum sustained winds of 39–73 MPH (34–63 knots).

Hurricane:
An intense tropical weather system of strong thunderstorms with a well-defined surface circulation and maximum sustained winds of 74 MPH (64 knots) or higher.

Storm Surge:
A dome of water pushed onshore by hurricane and tropical storm winds. Storm surges can reach 25 feet high and be 50–1000 miles wide.

Storm Tide:
A combination of storm surge and the normal tide (i.e., a 15-foot storm surge combined with a 2-foot normal high tide over the mean sea level created a 17-foot storm tide).

Hurricane/Tropical Storm Watch:
Hurricane/tropical storm conditions are possible in the specified area, usually within 36 hours.

Hurricane/Tropical Storm Warning:
Hurricane/tropical storm conditions are expected in the specified area, usually within 24 hours.

Short Term Watches and Warnings:
These warnings provide detailed information about specific hurricane threats, such as flash floods and tornadoes.

Traffic Evacuation Model:
An analytical tool used that relies upon a range of inputs, including demographic data, behavioral assumptions and roadway characteristics, to determine evacuation clearance times, shelter demand and other evacuation characteristic.

Evacuation Zones:
Areas designated for evacuation under varying storm scenarios. The development of evacuation zones is based on consideration of risk (such as storm surge), definable geographic features (such as major roadways), and ease of communication.

Traffic Evacuation Zones:
Geographic units that make up evacuation zones and provide the basis for organizing the data used in traffic evacuation modeling.

Evacuation Clearance Times:
An estimate, typically presented in hours, that quantifies the time it takes to affect an evacuation from when the first vehicle leaves and area until the last vehicle departs an area prior to the onset of tropical storm force winds.

Appendix B

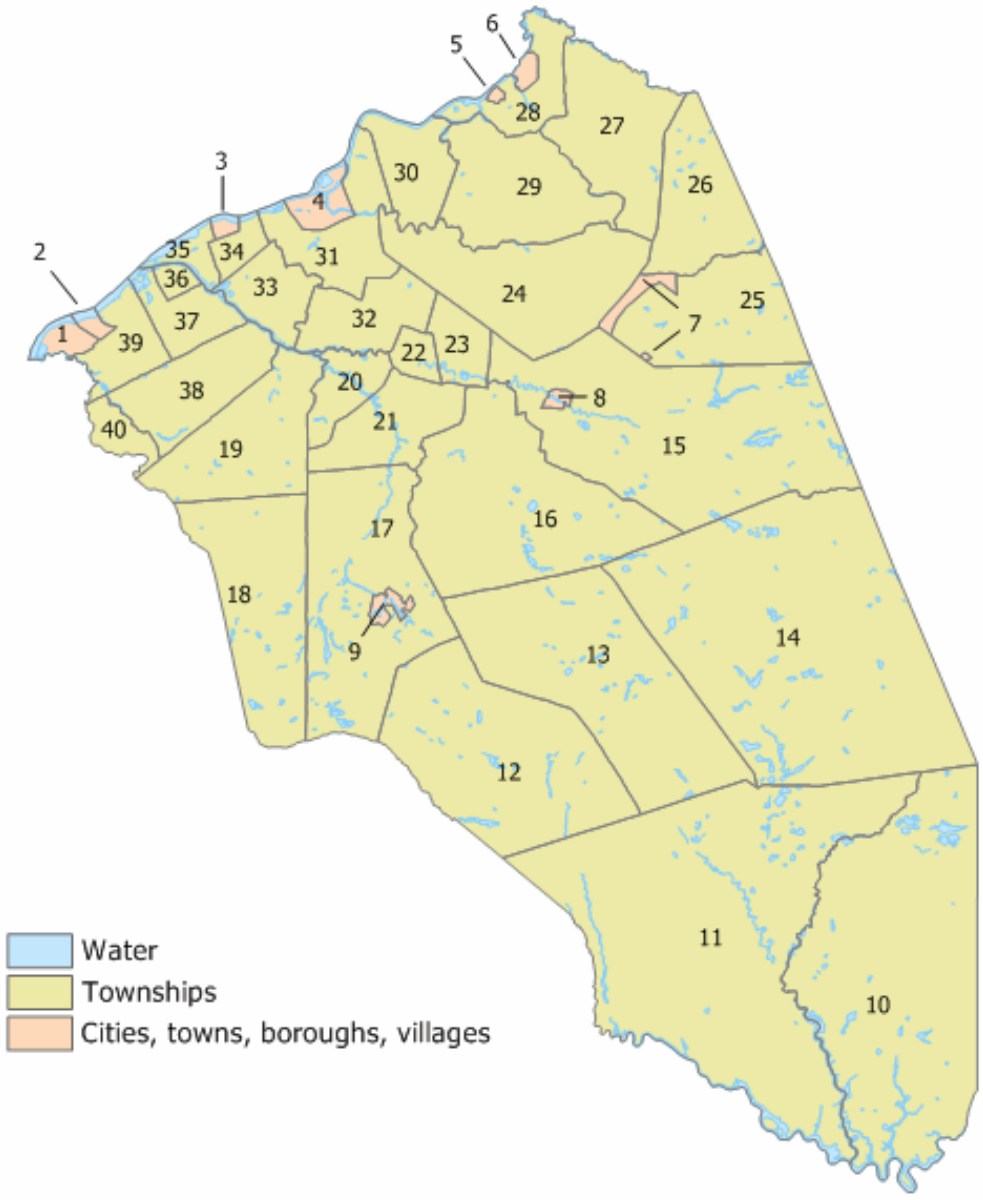
Atlantic County, New Jersey Municipalities

By Index Number	
Index	**Name**
1	Estell Manor
2	Corbin City
3	Somers Point
4	Longport
5	Linwood
6	Margate City
7	Northfield
8	Ventnor City
9	Pleasantville
10	Atlantic City
11	Absecon
12	Brigantine
13	Port Republic
14	Egg Harbor City
15	Hammonton
16	Folsom
17	Buena
18	Buena Vista Township
19	Weymouth Township
20	Hamilton Township
21	Egg Harbor Township
22	Galloway Township
23	Mullica Township

Bergen County, New Jersey Municipalities

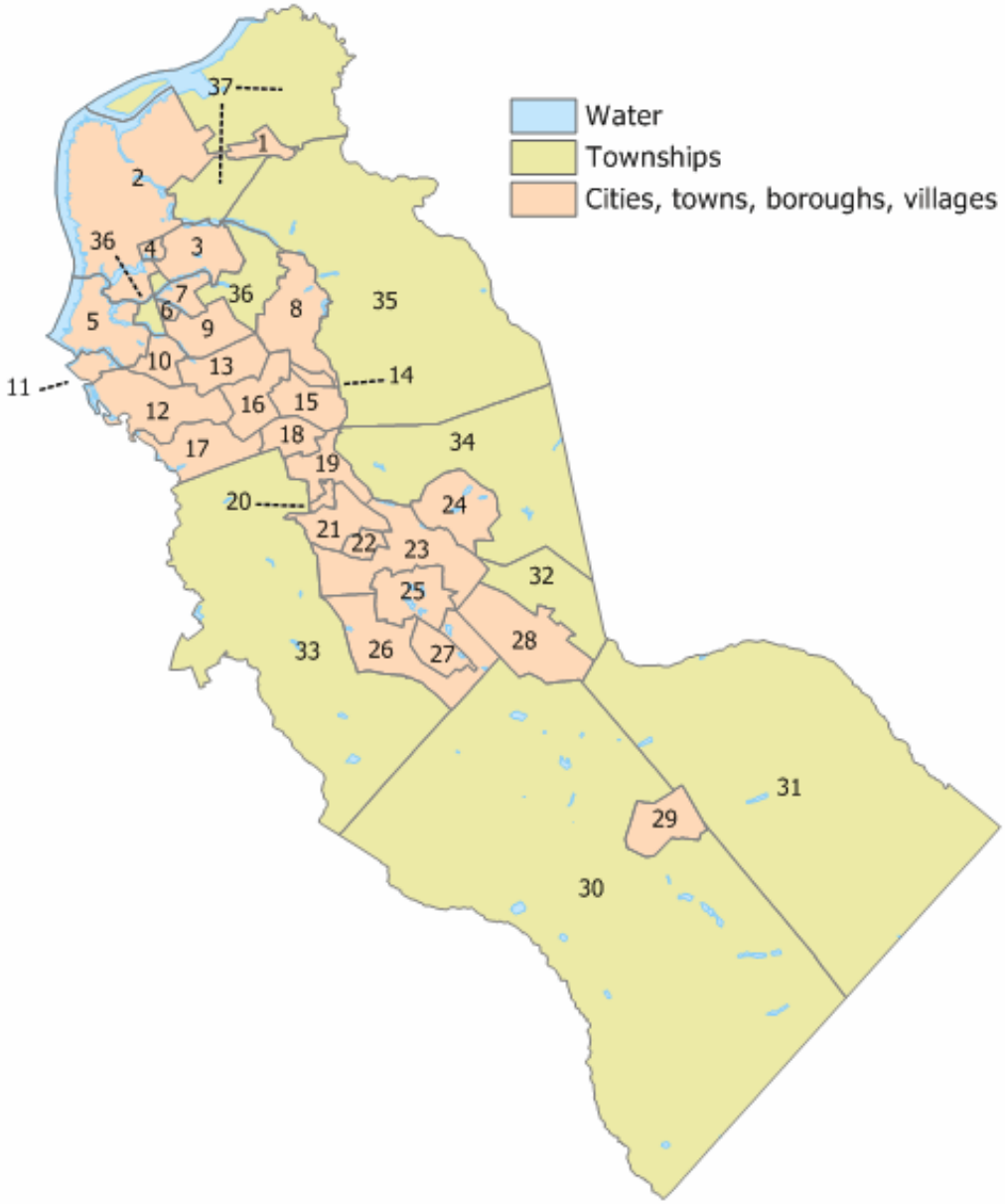
Burlington County, New Jersey Municipalities

By Index Number			
Index	**Name**	**Index**	**Name**
1	Palmyra	24	Springfield Township
2	Riverton	25	New Hanover Township
3	Beverly	26	North Hanover Township
4	Burlington	27	Chesterfield Township
5	Fieldsboro	28	Bordentown Township
6	Bordentown	29	Mansfield Township
7	Wrightstown	30	Florence Township
8	Pemberton	31	Burlington Township
9	Medford Lakes	32	Westampton Township
10	Bass River Township	33	Willingboro Township
11	Washington Township	34	Edgewater Park Township
12	Shamong Township	35	Delanco Township
13	Tabernacle Township	36	Riverside Township
14	Woodland Township	37	Delran Township
15	Pemberton Township	38	Moorestown Township
16	Southampton Township	39	Cinnaminson Township
17	Medford Township	40	Maple Shade Township
18	Evesham Township		
19	Mount Laurel Township		
20	Hainesport Township		
21	Lumberton Township		
22	Mount Holly Township		
23	Eastampton Township		



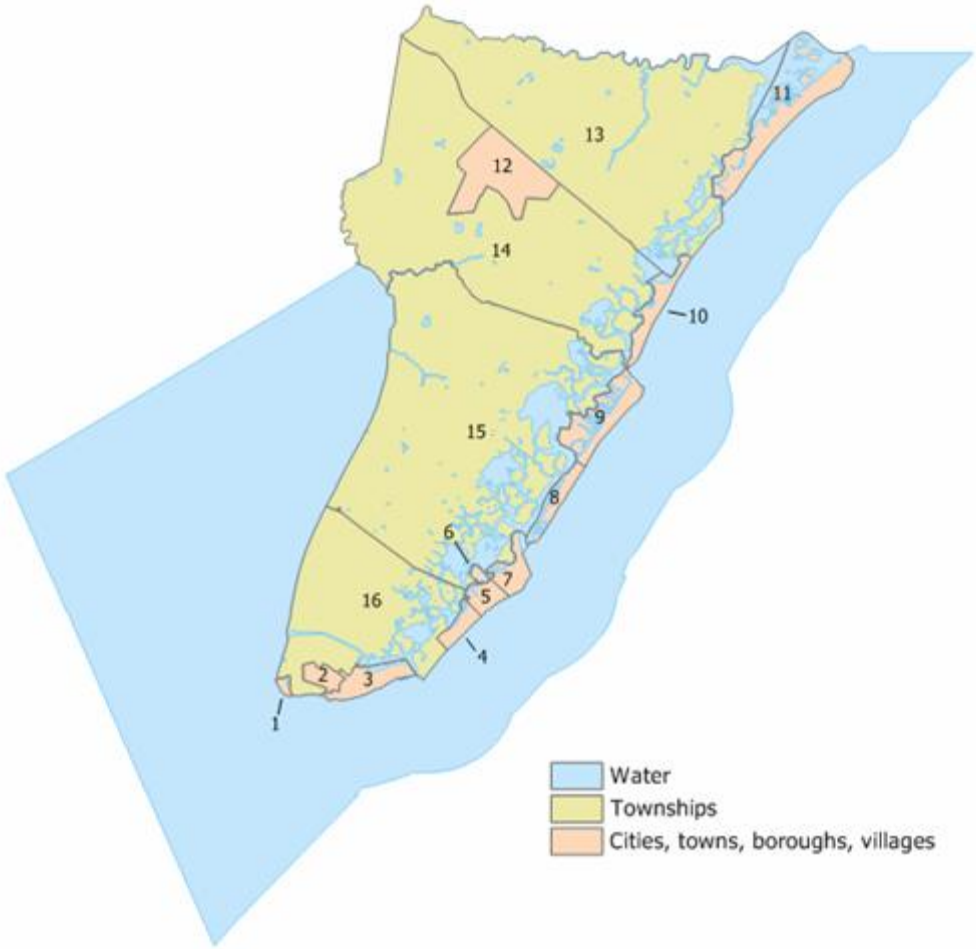
Camden County, New Jersey Municipalities

By Index Number			
Index	**Name**	**Index**	**Name**
1	Merchantville	24	Gibbsboro
2	Camden	25	Clementon
3	Collingswood	26	Pine Hill
4	Woodlynne	27	Pine Valley
5	Gloucester City	28	Berlin
6	Audubon Park	29	Chesilhurst
7	Oaklyn	30	Winslow Township
8	Haddonfield	31	Waterford Township
9	Audubon	32	Berlin Township
10	Mount Ephraim	33	Gloucester Township
11	Brooklawn	34	Voorhees Township
12	Bellmawr	35	Cherry Hill Township
13	Haddon Heights	36	Haddon Township
14	Tavistock	36	Haddon Township
15	Lawnside	37	Pennsauken Township
16	Barrington		
17	Runnemede		
18	Magnolia		
19	Somerdale		
20	Hi-Nella		
21	Stratford		
22	Laurel Springs		
23	Lindenwold		



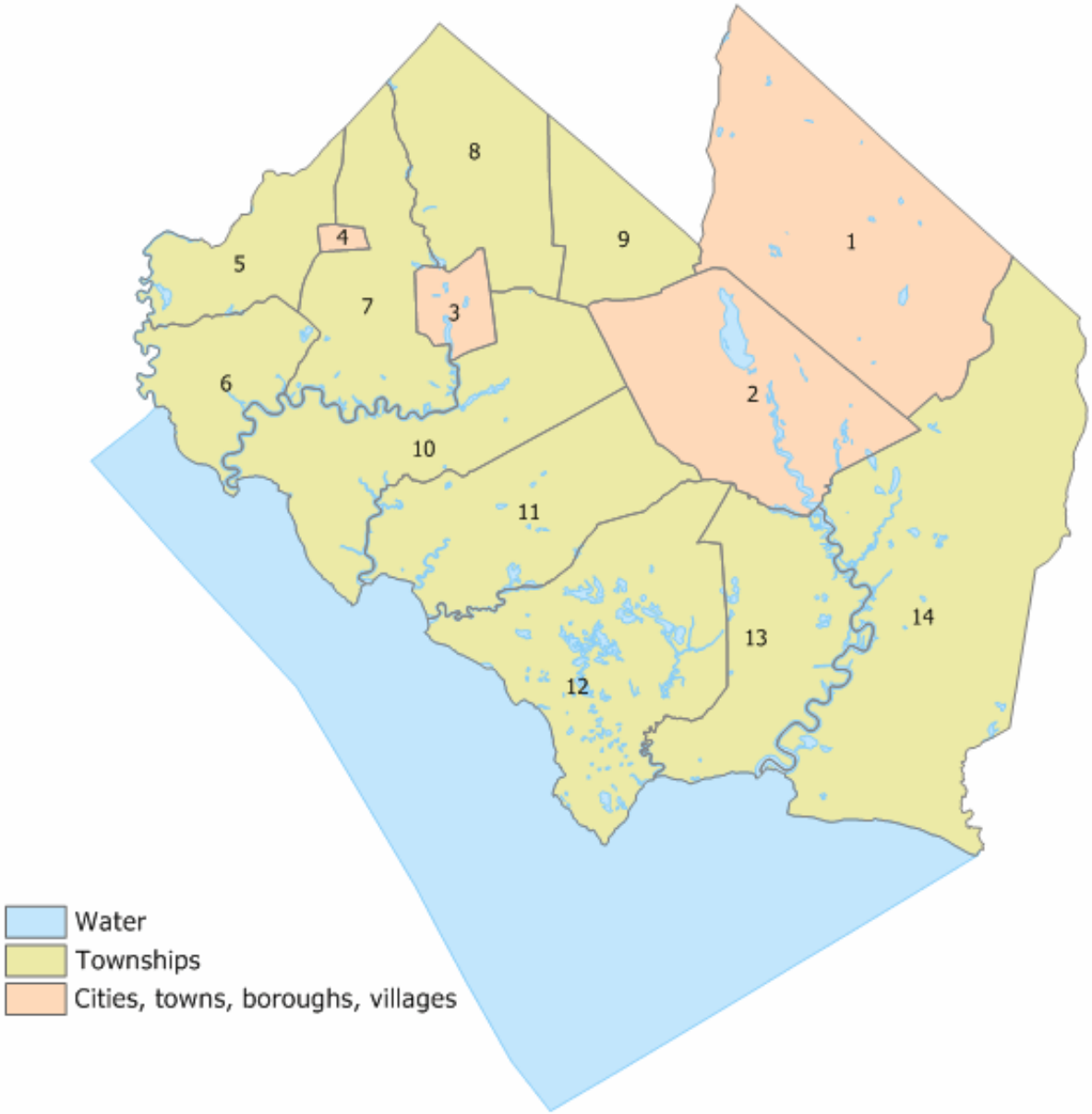
Cape May County, New Jersey Municipalities

By Index Number	
Index	**Name**
1	Cape May Point
2	West Cape May
3	Cape May
4	Wildwood Crest
5	Wildwood
6	West Wildwood
7	North Wildwood
8	Stone Harbor
9	Avalon
10	Sea Isle City
11	Ocean City
12	Woodbine
13	Upper Township
14	Dennis Township
15	Middle Township
16	Lower Township



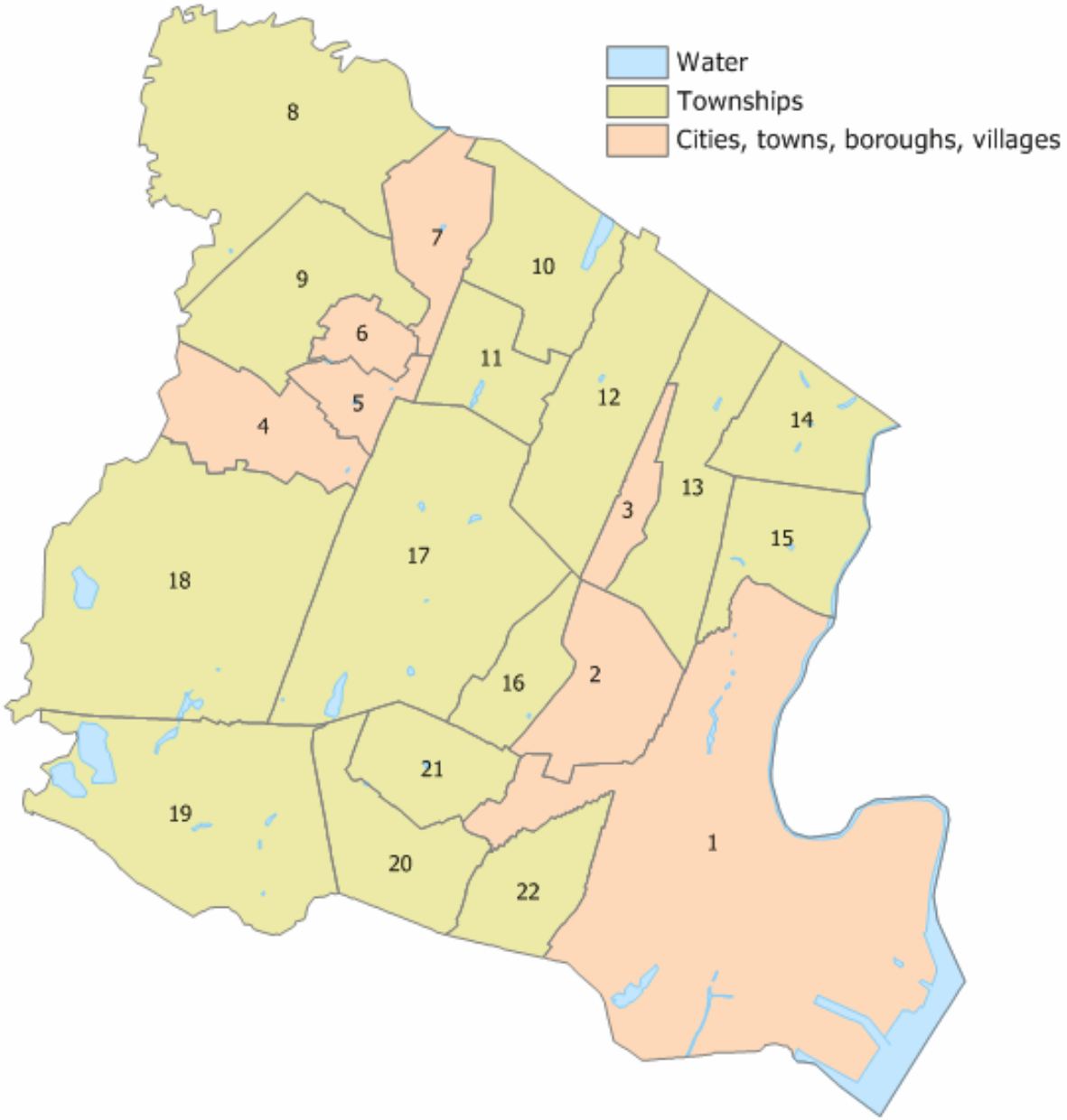
Cumberland County, New Jersey Municipalities

By Index Number	
Index	**Name**
1	Vineland
2	Millville
3	Bridgeton
4	Shiloh
5	Stow Creek Township
6	Greenwich Township
7	Hopewell Township
8	Upper Deerfield Township
9	Deerfield Township
10	Fairfield Township
11	Lawrence Township
12	Downe Township
13	Commercial Township
14	Maurice River Township



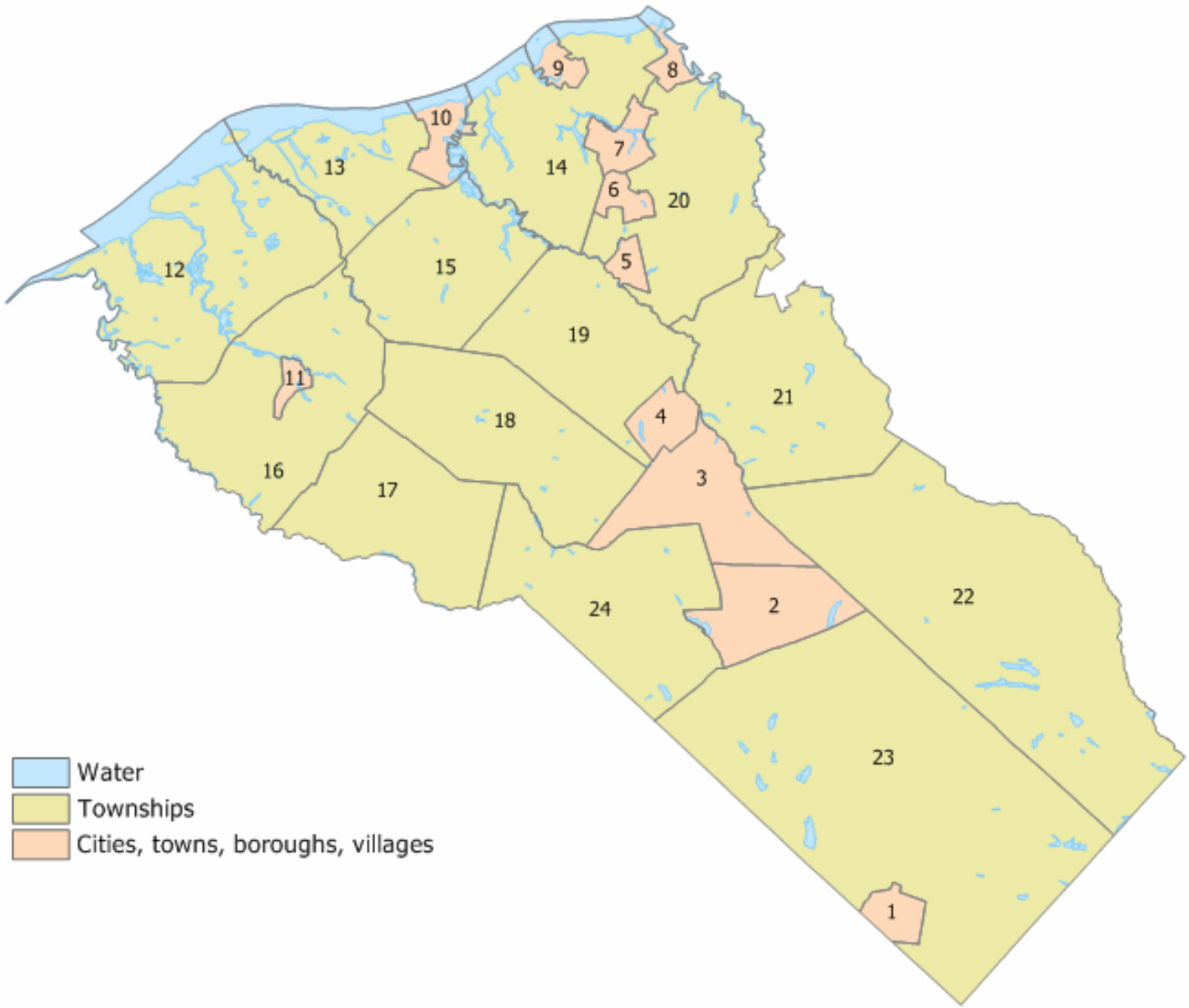
Essex County, New Jersey Municipalities

By Index Number	
Index	**Name**
1	Newark
2	East Orange
3	Glen Ridge
4	Roseland
5	Essex Fells
6	Caldwell
7	North Caldwell
8	Fairfield Township
9	West Caldwell Township
10	Cedar Grove Township
11	Verona Township
12	Montclair Township
13	Bloomfield Township
14	Nutley Township
15	Belleville Township
16	City of Orange Township
17	West Orange Township
18	Livingston Township
19	Millburn Township
20	Maplewood Township
21	South Orange Village Township
22	Irvington Township



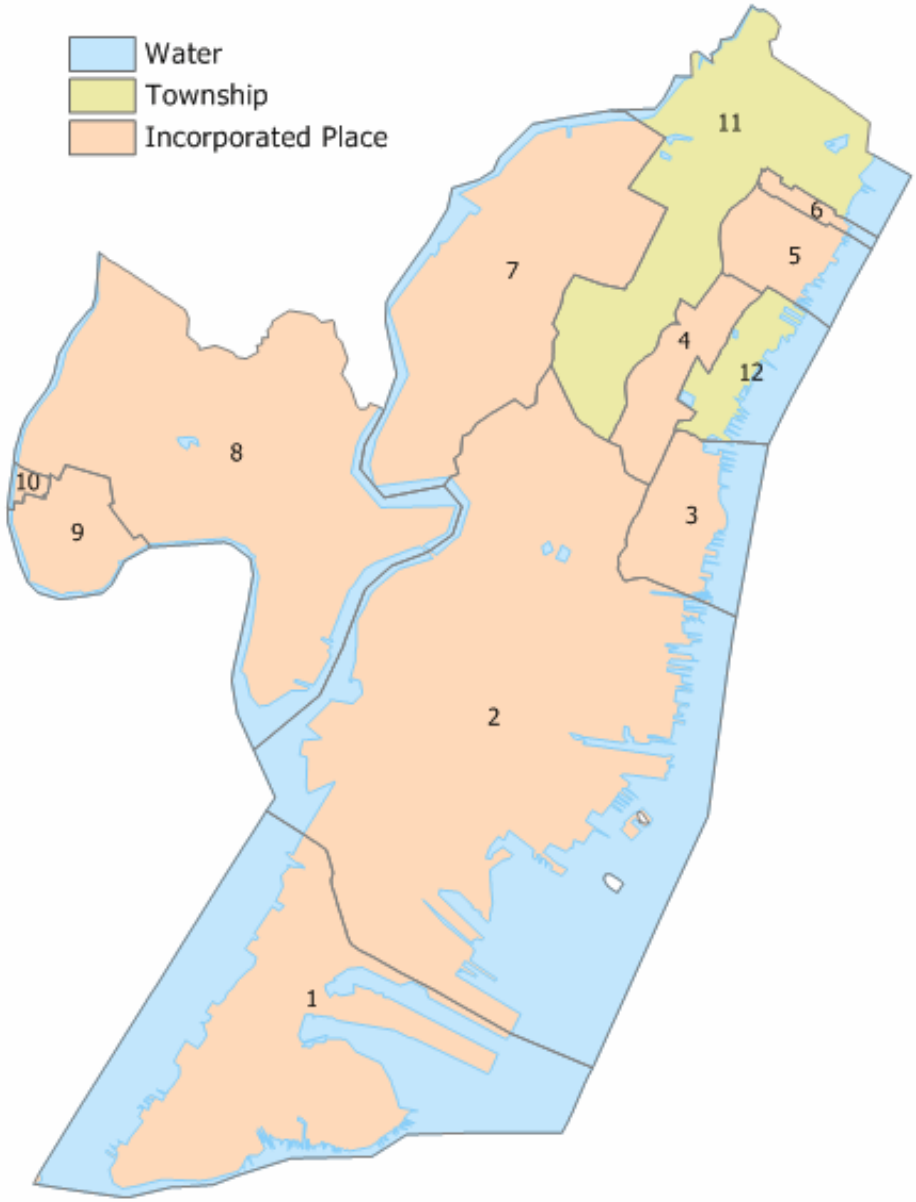
Gloucester County, New Jersey Municipalities

By Index Number	
Index	**Name**
1	Newfield
2	Clayton
3	Glassboro
4	Pitman
5	Wenonah
6	Woodbury Heights
7	Woodbury
8	Westville
9	National Park
10	Paulsboro
11	Swedesboro
12	Logan Township
13	Greenwich Township
14	West Deptford Township
15	East Greenwich Township
16	Woolwich Township
17	South Harrison Township
18	Harrison Township
19	Mantua Township
20	Deptford Township
21	Washington Township
22	Monroe Township
23	Franklin Township
24	Elk Township



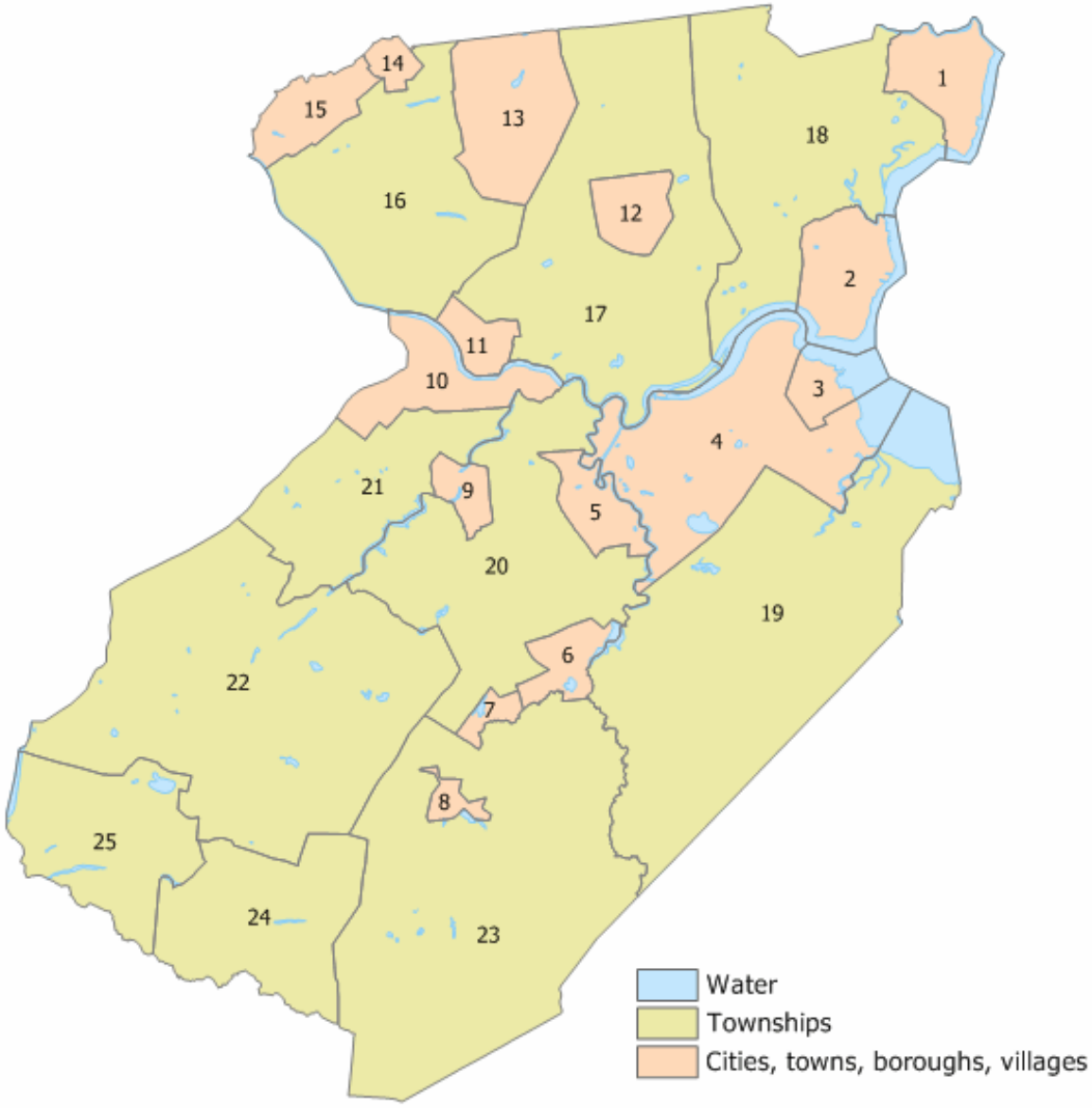
Hudson County, New Jersey Municipalities

By Index Number	
Index	**Name**
1	Bayonne
2	Jersey City
3	Hoboken
4	Union City
5	West New York
6	Guttenberg
7	Secaucus
8	Kearny
9	Harrison
10	East Newark
11	North Bergen Township
12	Weehawken Township



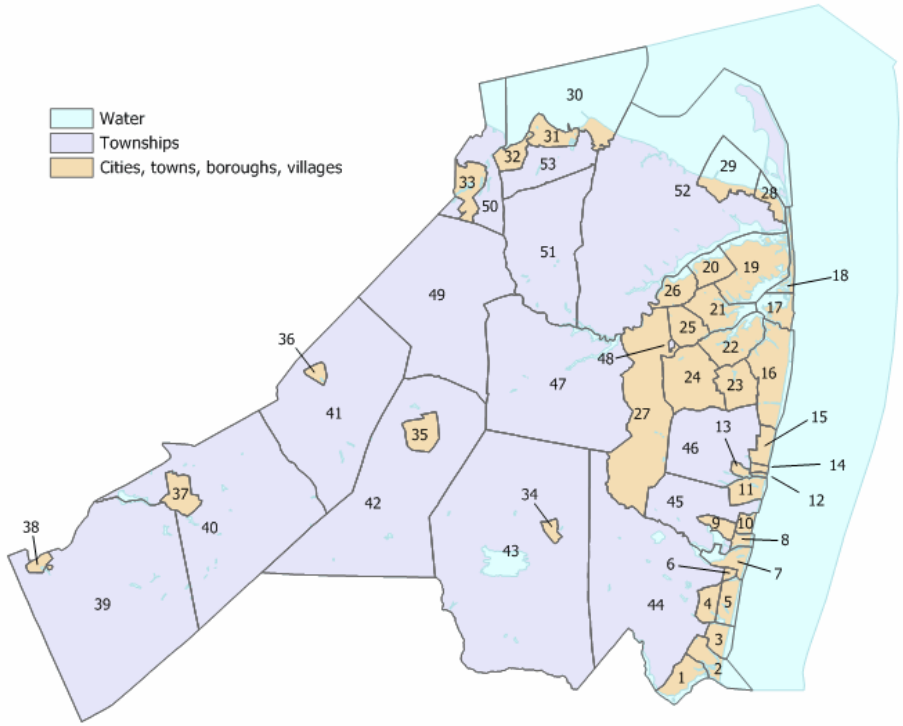
Middlesex County, New Jersey Municipalities

By Index Number			
Index	**Name**	**Index**	**Name**
1	Carteret	24	Cranbury Township
2	Perth Amboy	25	Plainsboro Township
3	South Amboy		
4	Sayreville		
5	South River		
6	Spotswood		
7	Helmetta		
8	Jamesburg		
9	Milltown		
10	New Brunswick		
11	Highland Park		
12	Metuchen		
13	South Plainfield		
14	Dunellen		
15	Middlesex		
16	Piscataway Township		
17	Edison Township		
18	Woodbridge Township		
19	Old Bridge Township		
20	East Brunswick Township		
21	North Brunswick Township		
22	South Brunswick Township		
23	Monroe Township		



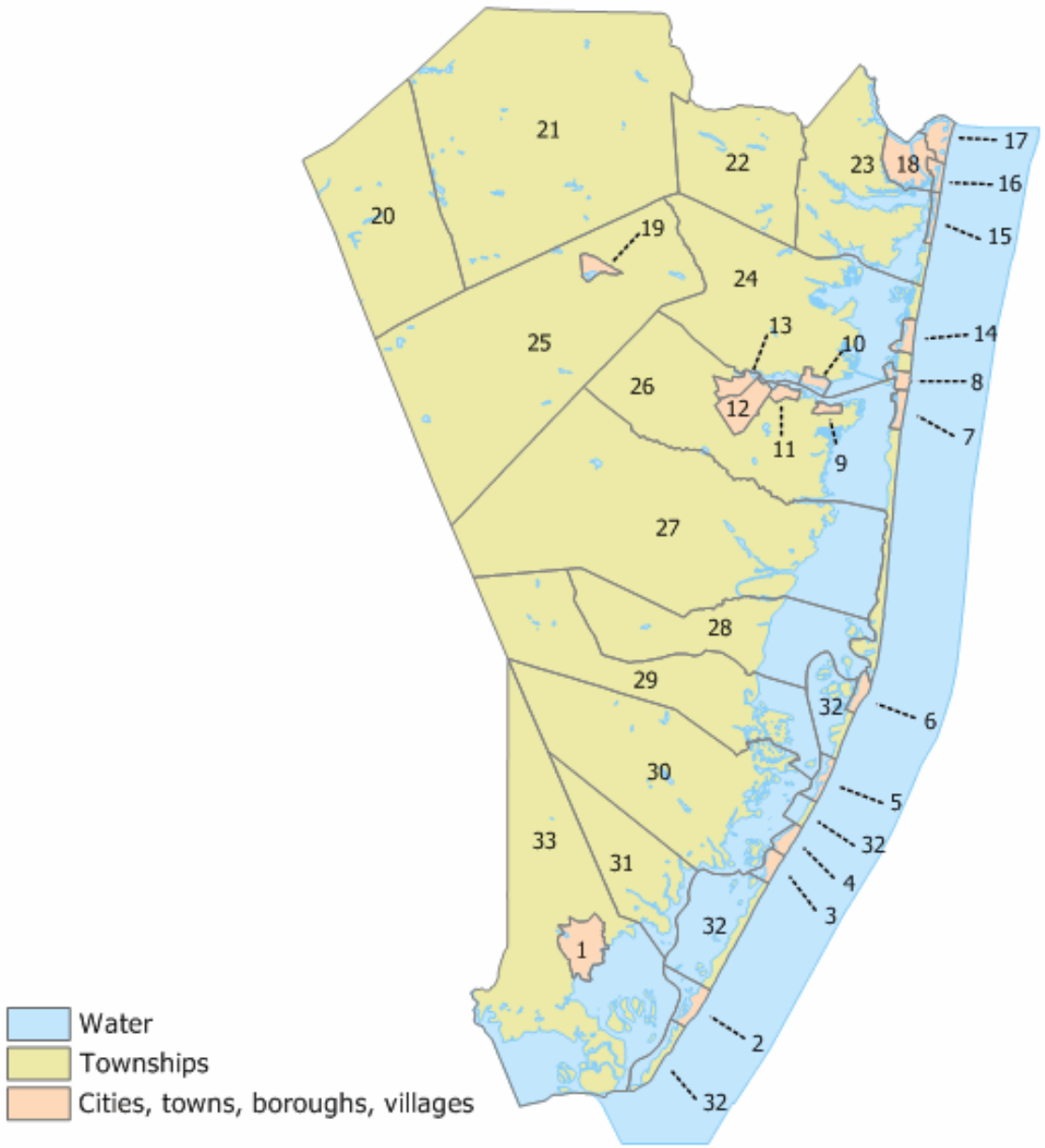
Monmouth County, New Jersey Municipalities

By Index Number					
Index	**Name**	**Index**	**Name**	**Index**	**Name**
1	Brielle	22	Oceanport	43	Howell Township
2	Manasquan	23	West Long Branch	44	Wall Township
3	Sea Girt	24	Eatontown	45	Neptune Township
4	Spring Lake Heights	25	Shrewsbury	46	Ocean Township
5	Spring Lake	26	Red Bank	47	Colts Neck Township
6	Lake Como	27	Tinton Falls	48	Shrewsbury Township
7	Belmar	28	Highlands	49	Marlboro Township
8	Avon-by-the-Sea	29	Atlantic Highlands	50	Aberdeen Township
9	Neptune City	30	Keansburg	51	Holmdel Township
10	Bradley Beach	31	Union Beach	52	Middletown Township
11	Asbury Park	32	Keyport	53	Hazlet Township
12	Loch Arbour	33	Matawan		
13	Interlaken	34	Farmingdale		
14	Allenhurst	35	Freehold		
15	Deal	36	Englishtown		
16	Long Branch	37	Roosevelt		
17	Monmouth Beach	38	Allentown		
18	Sea Bright	39	Upper Freehold Township		
19	Rumson	40	Millstone Township		
20	Fair Haven	41	Manalapan Township		
21	Little Silver	42	Freehold Township		



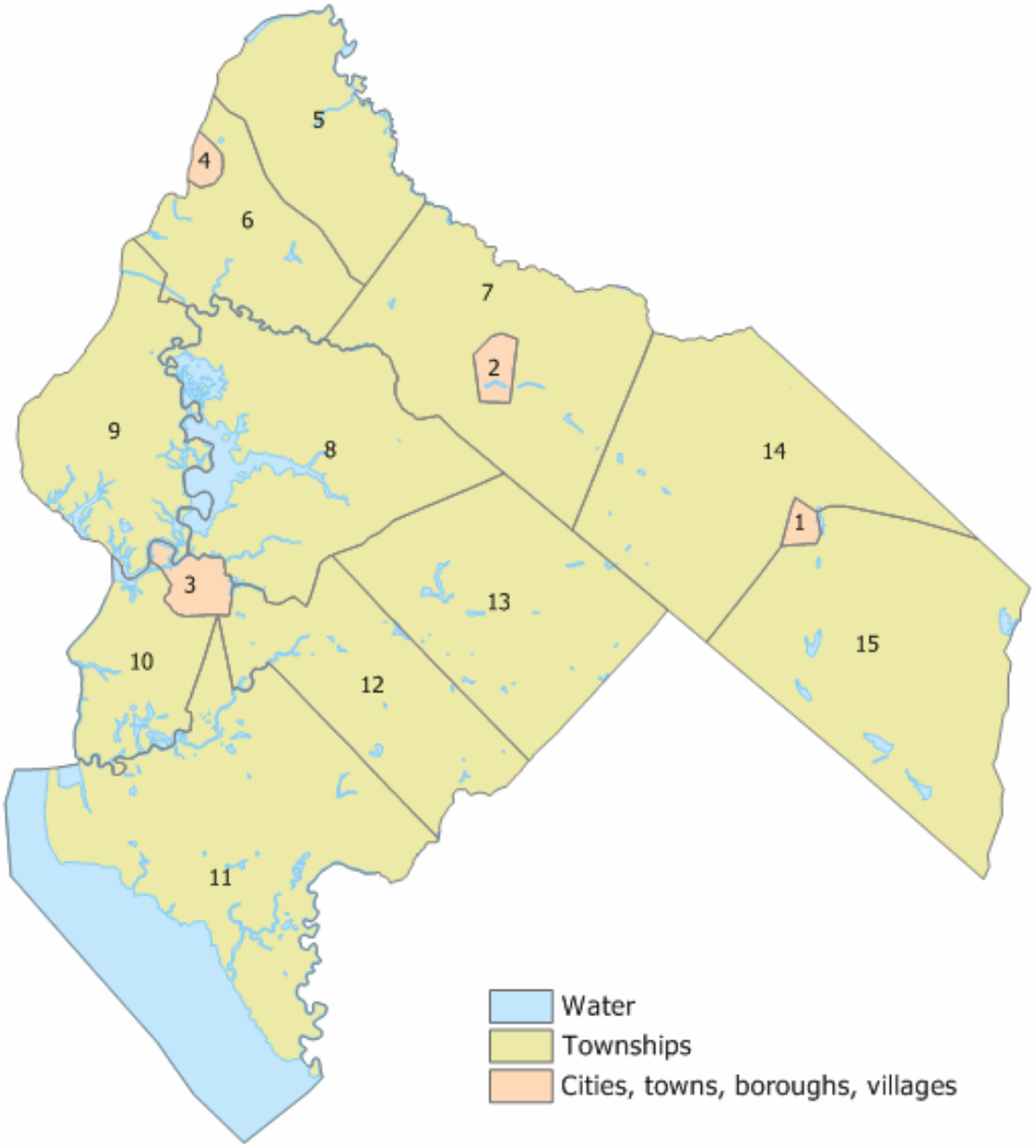
Ocean County, New Jersey Municipalities

By Index Number			
Index	**Name**	**Index**	**Name**
1	Tuckerton	24	Toms River Township
2	Beach Haven	25	Manchester Township
3	Ship Bottom	26	Berkeley Township
4	Surf City	27	Lacey Township
5	Harvey Cedars	28	Ocean Township
6	Barnegat Light	29	Barnegat Township
7	Seaside Park	30	Stafford Township
8	Seaside Heights	31	Eagleswood Township
9	Ocean Gate	32	Long Beach Township
10	Island Heights	33	Little Egg Harbor Township
11	Pine Beach		
12	Beachwood		
13	South Toms River		
14	Lavallette		
15	Mantoloking		
16	Bay Head		
17	Point Pleasant Beach		
18	Point Pleasant		
19	Lakehurst		
20	Plumsted Township		
21	Jackson Township		
22	Lakewood Township		
23	Brick Township		



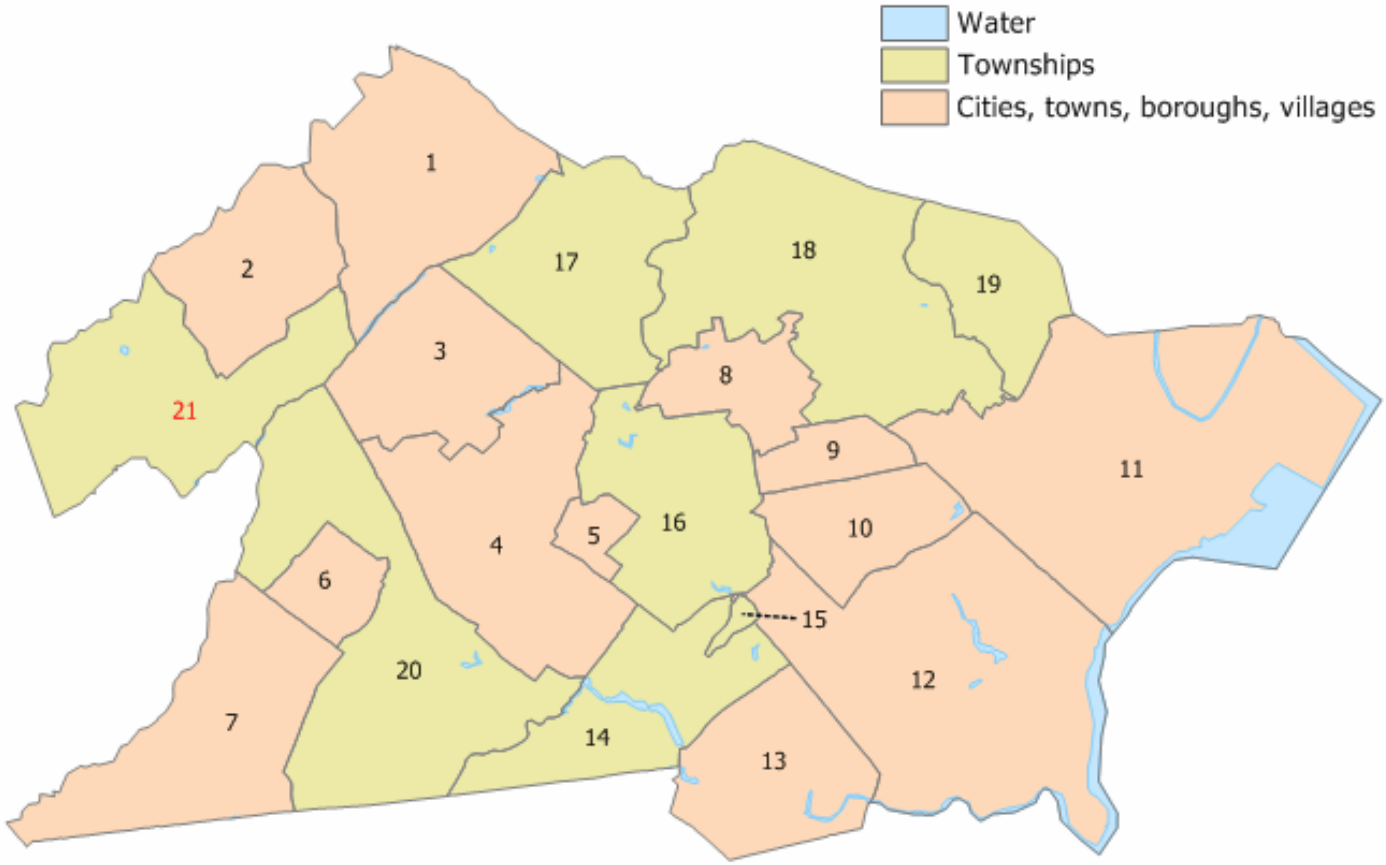
Salem County, New Jersey Municipalities

By Index Number	
Index	**Name**
1	Elmer
2	Woodstown
3	Salem
4	Penns Grove
5	Oldmans Township
6	Carneys Point Township
7	Pilesgrove Township
8	Mannington Township
9	Pennsville Township
10	Elsinboro Township
11	Lower Alloways Creek Township
12	Quinton Township
13	Alloway Township
14	Upper Pittsgrove Township
15	Pittsgrove Township



Union County, New Jersey Municipalities

By Index Number	
Index	**Name**
1	Summit
2	New Providence
3	Mountainside
4	Westfield
5	Garwood
6	Fanwood
7	Plainfield
8	Kenilworth
9	Roselle Park
10	Roselle
11	Elizabeth
12	Linden
13	Rahway
14	Clark Township
15	Winfield Township
16	Cranford Township
17	Springfield Township
18	Union Township
19	Hillside Township
20	Scotch Plains Township
21	Berkeley Heights Township



Appendix C

CAPE MAY COUNTY SOCIOECONOMIC DATA New Jersey Hurricane Evacuation ReStudy 2006	LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND										
	Units			People			Vehicles			Tourists	
EVACUATION AREAS	Permanent Occupied Units	Mobile Home Units	Seasonal Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1	2,827	0	2,892	2.1	2.1	2.1	1.4	1.4	1.6	15%	80%
OC-NORTH	179	0	143	2.1	2.1	2.1	1.4	1.4	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	15%	80%
2	2,660	6	3,259	2.0	2.0	2.0	1.4	1.4	1.6	15%	80%
OC-CENTRAL	266	3	770	2.0	2.0	2.0	1.4	1.4	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	1.4	1.4	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	1.4	1.4	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	1.4	1.4	1.6	15%	80%
3	999	0	2,000	2.0	2.0	2.0	1.5	1.5	1.6	15%	80%
OC-SOUTH	534	0	2,504	2.0	2.0	2.0	1.5	1.5	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	1.5	1.5	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	1.5	1.5	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	1.5	1.5	1.6	15%	80%
4	12	1	622	2.6	2.6	2.6	1.9	1.9	1.6	15%	80%
UPPER TWP-MEADOWS	1	0	0	2.6	2.6	2.6	1.9	1.9	1.6	15%	80%
	0	0	0	2.6	2.6	2.6	1.9	1.9	1.6	15%	80%
	0	0	0	2.6	2.6	2.6	1.9	1.9	1.6	15%	80%
	0	0	0	2.6	2.6	2.6	1.9	1.9	1.6	15%	80%
5	93	0	962	1.9	1.9	1.9	1.4	1.4	1.6	15%	80%
STRATHMERE	0	0	0	1.9	1.9	1.9	1.4	1.4	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.4	1.4	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.4	1.4	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.4	1.4	1.6	15%	80%
6	268	10	1,167	2.1	2.1	2.1	1.4	1.4	1.6	15%	80%
SEA ISLE-NORTH	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	15%	80%
7	862	0	2,708	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
SEA ISLE-SOUTH	240	0	1,098	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
8	0	0	1,807	0.0	0.0	0.0	1.0	1.0	1.6	15%	80%
DENNIS TWP-MEADOWS	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	15%	80%
	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	15%	80%
	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	15%	80%
	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	15%	80%

9	645	0	2,025	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
AVALON	399	0	1,710	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
	2	0	11	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
10	70	0	484	2.2	2.2	2.2	1.9	1.9	1.6	15%	80%
MIDDLE TWP-MEADOWS-NORTH	6	0	2	2.2	2.2	2.2	1.9	1.9	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.9	1.9	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.9	1.9	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.9	1.9	1.6	15%	80%
11	425	0	1,680	1.9	1.9	1.9	1.5	1.5	1.6	15%	80%
STONE HARBOR	171	0	865	1.9	1.9	1.9	1.5	1.5	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.5	1.5	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.5	1.5	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.5	1.5	1.6	15%	80%
12	25	0	448	2.1	2.1	2.1	2.0	2.0	1.6	15%	80%
MIDDLE TWP-MEADOWS-CENTRAL	0	0	0	2.1	2.1	2.1	2.0	2.0	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	2.0	2.0	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	2.0	2.0	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	2.0	2.0	1.6	15%	80%
13	63	10	445	2.7	2.7	2.7	1.6	1.6	1.6	15%	80%
MIDDLE TWP-CMCH_PKWY_EAST	176	48	45	2.7	2.7	2.7	1.6	1.6	1.6	15%	80%
	30	5	6	2.7	2.7	2.7	1.6	1.6	1.6	15%	80%
	0	0	0	2.7	2.7	2.7	1.6	1.6	1.6	15%	80%
	0	0	0	2.7	2.7	2.7	1.6	1.6	1.6	15%	80%
14	0	0	425	0.0	0.0	0.0	1.0	1.0	1.6	15%	80%
MIDDLE TWP-MEADOWS-SOUTH	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	15%	80%
	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	15%	80%
	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	15%	80%
	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	15%	80%
15	1,997	0	3,940	2.1	2.1	2.1	1.3	1.3	1.6	15%	80%
NORTH WILDWOOD	312	0	703	2.1	2.1	2.1	1.3	1.3	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.3	1.3	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.3	1.3	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.3	1.3	1.6	15%	80%
16	2,018	0	3,047	2.3	2.3	2.3	1.0	1.0	1.6	15%	80%
WILDWOOD	315	0	424	2.3	2.3	2.3	1.0	1.0	1.6	15%	80%
	0	0	0	2.3	2.3	2.3	1.0	1.0	1.6	15%	80%
	0	0	0	2.3	2.3	2.3	1.0	1.0	1.6	15%	80%
	0	0	0	2.3	2.3	2.3	1.0	1.0	1.6	15%	80%
17	1,232	0	1,737	2.2	2.2	2.2	1.6	1.6	1.6	15%	80%
WILDWOOD CREST	597	0	1,053	2.2	2.2	2.2	1.6	1.6	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.6	1.6	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.6	1.6	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.6	1.6	1.6	15%	80%
18	202	0	1,054	2.2	2.2	2.2	1.5	1.5	1.6	15%	80%
WEST WILDWOOD	0	0	0	2.2	2.2	2.2	1.5	1.5	1.6	15%	80%

	0	0	0	2.2	2.2	2.2	1.5	1.5	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.5	1.5	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.5	1.5	1.6	15%	80%
19	128	32	374	1.9	1.9	1.9	1.4	1.4	1.6	15%	80%
LOWER TWP-SHAWCREST	7	1	15	1.9	1.9	1.9	1.4	1.4	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.4	1.4	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.4	1.4	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.4	1.4	1.6	15%	80%
20	120	77	1,396	2.2	2.2	2.2	1.4	1.4	1.6	15%	80%
LOWER TWP-BEACH	4	7	76	2.2	2.2	2.2	1.4	1.4	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.4	1.4	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.4	1.4	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.4	1.4	1.6	15%	80%
21	13	5	592	1.5	1.5	1.5	1.4	1.4	1.6	15%	80%
LOWER TWP-MEADOWS	0	0	2	1.5	1.5	1.5	1.4	1.4	1.6	15%	80%
	0	0	1	1.5	1.5	1.5	1.4	1.4	1.6	15%	80%
	0	0	0	1.5	1.5	1.5	1.4	1.4	1.6	15%	80%
	0	0	0	1.5	1.5	1.5	1.4	1.4	1.6	15%	80%
22	556	2	844	2.0	2.0	2.0	1.3	1.3	1.6	15%	80%
CAPE MAY	959	1	949	2.0	2.0	2.0	1.3	1.3	1.6	15%	80%
	339	1	350	2.0	2.0	2.0	1.3	1.3	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	1.3	1.3	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	1.3	1.3	1.6	15%	80%
23	153	2	397	2.2	2.2	2.2	1.4	1.4	1.6	15%	80%
WEST CAPE MAY	276	6	222	2.2	2.2	2.2	1.4	1.4	1.6	15%	80%
	74	4	40	2.2	2.2	2.2	1.4	1.4	1.6	15%	80%
	4	0	1	2.2	2.2	2.2	1.4	1.4	1.6	15%	80%
	0	0	0	2.2	2.2	2.2	1.4	1.4	1.6	15%	80%
24	72	1	161	1.9	1.9	1.9	1.6	1.6	1.6	15%	80%
CAPE MAY POINT AREA	90	2	185	1.9	1.9	1.9	1.6	1.6	1.6	15%	80%
	7	0	10	1.9	1.9	1.9	1.6	1.6	1.6	15%	80%
	0	0	4	1.9	1.9	1.9	1.6	1.6	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.6	1.6	1.6	15%	80%
25	35	3	551	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
LOWER TWP-SOUTH CANAL	61	4	14	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	104	7	23	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	118	8	27	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	18	1	4	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
26	119	2	558	2.6	2.6	2.6	1.7	1.7	1.6	15%	80%
LOWER TWP-INLAND	414	13	48	2.6	2.6	2.6	1.7	1.7	1.6	15%	80%
	505	24	50	2.6	2.6	2.6	1.7	1.7	1.6	15%	80%
	922	29	87	2.6	2.6	2.6	1.7	1.7	1.6	15%	80%
	572	13	51	2.6	2.6	2.6	1.7	1.7	1.6	15%	80%
27	20	0	554	2.4	2.4	2.4	1.4	1.4	1.6	15%	80%
LOWER TWP-DELAWARE BAY	2,923	27	1,164	2.4	2.4	2.4	1.4	1.4	1.6	15%	80%
	1,311	4	505	2.4	2.4	2.4	1.4	1.4	1.6	15%	80%
	973	1	387	2.4	2.4	2.4	1.4	1.4	1.6	15%	80%

	897	0	394	2.4	2.4	2.4	1.4	1.4	1.6	15%	80%
28	9	4	426	2.5	2.5	2.5	1.5	1.5	1.6	15%	80%
MIDDLE TWP-INLAND-SOUTH	346	148	88	2.5	2.5	2.5	1.5	1.5	1.6	15%	80%
	526	238	139	2.5	2.5	2.5	1.5	1.5	1.6	15%	80%
	812	182	140	2.5	2.5	2.5	1.5	1.5	1.6	15%	80%
	254	4	16	2.5	2.5	2.5	1.5	1.5	1.6	15%	80%
29	21	0	426	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
MIDDLE TWP-DEL BAY-SOUTH	589	11	93	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
	53	0	8	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
	2	0	0	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
	0	0	0	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
30	26	3	427	2.6	2.6	2.6	1.8	1.8	1.6	15%	80%
MIDDLE TWP-INLAND-CENTRAL	257	28	42	2.6	2.6	2.6	1.8	1.8	1.6	15%	80%
	331	43	69	2.6	2.6	2.6	1.8	1.8	1.6	15%	80%
	636	67	81	2.6	2.6	2.6	1.8	1.8	1.6	15%	80%
	105	13	15	2.6	2.6	2.6	1.8	1.8	1.6	15%	80%
31	6	1	425	2.7	2.7	2.7	1.9	1.9	1.6	15%	80%
MIDDLE TWP-DEL BAY-CENTRAL	53	9	13	2.7	2.7	2.7	1.9	1.9	1.6	15%	80%
	7	1	2	2.7	2.7	2.7	1.9	1.9	1.6	15%	80%
	15	2	3	2.7	2.7	2.7	1.9	1.9	1.6	15%	80%
	0	0	0	2.7	2.7	2.7	1.9	1.9	1.6	15%	80%
32	35	0	425	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
MIDDLE TWP-INLAND-NORTH	437	12	45	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	541	9	81	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	392	9	72	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	76	1	21	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
33	47	8	434	2.8	2.8	2.8	1.9	1.9	1.6	15%	80%
MIDDLE TWP-DEL BAY-NORTH	44	9	12	2.8	2.8	2.8	1.9	1.9	1.6	15%	80%
	15	2	3	2.8	2.8	2.8	1.9	1.9	1.6	15%	80%
	7	2	2	2.8	2.8	2.8	1.9	1.9	1.6	15%	80%
	0	0	0	2.8	2.8	2.8	1.9	1.9	1.6	15%	80%
34	27	0	1,809	2.9	2.9	2.9	1.9	1.9	1.6	15%	80%
DENNIS TWP-EAST	111	0	8	2.9	2.9	2.9	1.9	1.9	1.6	15%	80%
	370	0	26	2.9	2.9	2.9	1.9	1.9	1.6	15%	80%
	501	0	36	2.9	2.9	2.9	1.9	1.9	1.6	15%	80%
	450	0	32	2.9	2.9	2.9	1.9	1.9	1.6	15%	80%
35	13	0	538	2.8	2.8	2.8	1.7	1.7	1.6	15%	80%
WOODBINE AREA	111	0	1	2.8	2.8	2.8	1.7	1.7	1.6	15%	80%
	121	0	1	2.8	2.8	2.8	1.7	1.7	1.6	15%	80%
	53	0	2	2.8	2.8	2.8	1.7	1.7	1.6	15%	80%
	779	45	264	2.8	2.8	2.8	1.7	1.7	1.6	15%	80%
36	35	0	1,807	2.9	2.9	2.9	2.1	2.1	1.6	15%	80%
DENNIS TWP-WEST	66	0	1	2.9	2.9	2.9	2.1	2.1	1.6	15%	80%
	50	0	0	2.9	2.9	2.9	2.1	2.1	1.6	15%	80%
	13	0	0	2.9	2.9	2.9	2.1	2.1	1.6	15%	80%
	232	0	2	2.9	2.9	2.9	2.1	2.1	1.6	15%	80%
37	87	9	634	2.8	2.8	2.8	2.0	2.0	1.6	15%	80%

UPPER TWP-NE	236	43	86	2.8	2.8	2.8	2.0	2.0	1.6	15%	80%
	317	25	107	2.8	2.8	2.8	2.0	2.0	1.6	15%	80%
	1,087	69	160	2.8	2.8	2.8	2.0	2.0	1.6	15%	80%
	1,501	73	358	2.8	2.8	2.8	2.0	2.0	1.6	15%	80%
38	13	0	618	3.0	3.0	3.0	2.1	2.1	1.6	15%	80%
UPPER TWP-NORTH	53	0	1	3.0	3.0	3.0	2.1	2.1	1.6	15%	80%
	133	0	2	3.0	3.0	3.0	2.1	2.1	1.6	15%	80%
	145	0	2	3.0	3.0	3.0	2.1	2.1	1.6	15%	80%
	589	0	8	3.0	3.0	3.0	2.1	2.1	1.6	15%	80%
CAPE MAY TOTALS AND AVERAGES	42,155	1,430	60,078								

ATLANTIC COUNTY SOCIOECONOMIC DATA New Jersey Hurricane Evacuation ReStudy 2006	LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND										
EVACUATION AREAS	Units			People			Vehicles			Tourists	
	Permanent Occupied Units	Mobile Home Units	Seasonal Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1	153	0	5	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
Galloway Twp-East	51	0	0	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
	59	0	1	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
	34	0	1	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
	900	3	39	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
2	2,418	0	1,169	2.3	2.3	2.3	1.4	1.4	1.6	15%	80%
Brigantine City	3,005	0	1,900	2.3	2.3	2.3	1.4	1.4	1.6	15%	80%
	51	0	96	2.3	2.3	2.3	1.4	1.4	1.6	15%	80%
	0	0	0	2.3	2.3	2.3	1.4	1.4	1.6	15%	80%
	0	0	0	2.3	2.3	2.3	1.4	1.4	1.6	15%	80%
3	2	0	0	3.0	3.0	3.0	1.1	1.1	1.6	15%	80%
Absecon Bay	1	0	0	3.0	3.0	3.0	1.1	1.1	1.6	15%	80%
	0	0	0	3.0	3.0	3.0	1.1	1.1	1.6	15%	80%
	0	0	0	3.0	3.0	3.0	1.1	1.1	1.6	15%	80%
4	0	0	0	3.0	3.0	3.0	1.1	1.1	1.6	15%	80%
	8,314	24	1,020	2.5	2.5	2.5	0.7	0.7	1.6	15%	80%
Atlantic City	7,489	25	1,080	2.5	2.5	2.5	0.7	0.7	1.6	15%	80%
	44	0	3	2.5	2.5	2.5	0.7	0.7	1.6	15%	80%
	0	0	0	2.5	2.5	2.5	0.7	0.7	1.6	15%	80%
	0	0	0	2.5	2.5	2.5	0.7	0.7	1.6	15%	80%
5	2,897	6	771	2.4	2.4	2.4	1.3	1.3	1.6	15%	80%
Ventnor	2,582	2	1,187	2.4	2.4	2.4	1.3	1.3	1.6	15%	80%
	1	0	1	2.4	2.4	2.4	1.3	1.3	1.6	15%	80%
	0	0	0	2.4	2.4	2.4	1.3	1.3	1.6	15%	80%
	0	0	0	2.4	2.4	2.4	1.3	1.3	1.6	15%	80%
6	2,955	0	2,197	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
Margate	1,029	0	420	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
	0	0	0	2.1	2.1	2.1	1.5	1.5	1.6	15%	80%
7	544	0	1,000	1.9	1.9	1.9	1.6	1.6	1.6	15%	80%
Longport	0	0	0	1.9	1.9	1.9	1.6	1.6	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.6	1.6	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.6	1.6	1.6	15%	80%
	0	0	0	1.9	1.9	1.9	1.6	1.6	1.6	15%	80%
8	94	0	34	2.0	2.0	2.0	2.1	2.1	1.6	15%	80%
Egg Harbor Twp-Meadows	9	0	2	2.0	2.0	2.0	2.1	2.1	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	2.1	2.1	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	2.1	2.1	1.6	15%	80%
	0	0	0	2.0	2.0	2.0	2.1	2.1	1.6	15%	80%
9	220	0	38	2.3	2.3	2.3	1.5	1.5	1.6	15%	80%
Somers Point	677	1	83	2.3	2.3	2.3	1.5	1.5	1.6	15%	80%
	1,902	2	71	2.3	2.3	2.3	1.5	1.5	1.6	15%	80%
	591	0	31	2.3	2.3	2.3	1.5	1.5	1.6	15%	80%
	1,532	1	107	2.3	2.3	2.3	1.5	1.5	1.6	15%	80%

10	165	1	7	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
Linwood	182	0	7	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	491	2	21	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	822	3	15	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	988	0	31	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
11	56	0	1	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
Northfield	123	0	3	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	59	0	1	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	760	0	9	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	1,826	0	21	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
12	235	0	4	2.9	2.9	2.9	1.3	1.3	1.6	15%	80%
Pleasantville	536	3	4	2.9	2.9	2.9	1.3	1.3	1.6	15%	80%
	609	6	7	2.9	2.9	2.9	1.3	1.3	1.6	15%	80%
	793	8	5	2.9	2.9	2.9	1.3	1.3	1.6	15%	80%
	4,229	80	62	2.9	2.9	2.9	1.3	1.3	1.6	15%	80%
13	176	0	8	2.6	2.6	2.6	1.2	1.2	1.6	15%	80%
EH Twp-Pleasantville Ar	7	0	0	2.6	2.6	2.6	1.2	1.2	1.6	15%	80%
	0	0	0	2.6	2.6	2.6	1.2	1.2	1.6	15%	80%
	0	0	0	2.6	2.6	2.6	1.2	1.2	1.6	15%	80%
	0	0	0	2.6	2.6	2.6	1.2	1.2	1.6	15%	80%
14	275	0	7	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
Absecon City	386	0	9	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	322	0	8	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	324	0	4	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	1,467	0	19	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
15	0	0	0	2.7	2.7	2.7	1.7	1.7	1.6	15%	80%
Galloway Twp-Central	34	0	1	2.7	2.7	2.7	1.7	1.7	1.6	15%	80%
	84	0	1	2.7	2.7	2.7	1.7	1.7	1.6	15%	80%
	221	5	3	2.7	2.7	2.7	1.7	1.7	1.6	15%	80%
	5,986	77	136	2.7	2.7	2.7	1.7	1.7	1.6	15%	80%
16	53	0	2	2.7	2.7	2.7	1.7	1.7	1.6	15%	80%
Port Republic Area	111	0	4	2.7	2.7	2.7	1.7	1.7	1.6	15%	80%
	138	0	5	2.7	2.7	2.7	1.7	1.7	1.6	15%	80%
	35	0	1	2.7	2.7	2.7	1.7	1.7	1.6	15%	80%
	187	0	7	2.7	2.7	2.7	1.7	1.7	1.6	15%	80%
17	8	0	0	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
Galloway Twp-West	3	0	0	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
	5	0	0	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
	11	1	0	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
	2,983	70	25	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
18	3	0	0	2.7	2.7	2.7	1.5	1.5	1.6	15%	80%
Egg Harbor City	2	0	0	2.7	2.7	2.7	1.5	1.5	1.6	15%	80%
	2	0	0	2.7	2.7	2.7	1.5	1.5	1.6	15%	80%
	17	0	0	2.7	2.7	2.7	1.5	1.5	1.6	15%	80%
	1,587	0	0	2.7	2.7	2.7	1.5	1.5	1.6	15%	80%
19	47	5	1	2.9	2.9	2.9	2.0	2.0	1.6	15%	80%
Mullica Twp	66	5	1	2.9	2.9	2.9	2.0	2.0	1.6	15%	80%
	185	4	3	2.9	2.9	2.9	2.0	2.0	1.6	15%	80%
	163	15	3	2.9	2.9	2.9	2.0	2.0	1.6	15%	80%
	1,454	91	29	2.9	2.9	2.9	2.0	2.0	1.6	15%	80%
20	0	0	0	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
Hammonton	0	0	0	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%

	0	0	0	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	4	0	0	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
	4,334	25	21	2.7	2.7	2.7	1.8	1.8	1.6	15%	80%
21	202	11	25	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
Egg Harbor Twp	217	10	21	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
	383	10	15	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
	900	15	19	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
	9,168	1,580	143	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
22	31	2	1	2.7	2.7	2.7	1.6	1.6	1.6	15%	80%
Corbin City	37	2	2	2.7	2.7	2.7	1.6	1.6	1.6	15%	80%
	19	1	1	2.7	2.7	2.7	1.6	1.6	1.6	15%	80%
	17	1	1	2.7	2.7	2.7	1.6	1.6	1.6	15%	80%
	66	5	3	2.7	2.7	2.7	1.6	1.6	1.6	15%	80%
23	4	0	0	3.0	3.0	3.0	1.9	1.9	1.6	15%	80%
Estell Manor	4	0	0	3.0	3.0	3.0	1.9	1.9	1.6	15%	80%
	4	0	0	3.0	3.0	3.0	1.9	1.9	1.6	15%	80%
	8	1	0	3.0	3.0	3.0	1.9	1.9	1.6	15%	80%
	495	66	7	3.0	3.0	3.0	1.9	1.9	1.6	15%	80%
24	0	0	0	2.7	2.7	2.7	1.9	1.9	1.6	15%	80%
Weymouth Twp-West	0	0	0	2.7	2.7	2.7	1.9	1.9	1.6	15%	80%
	0	0	0	2.7	2.7	2.7	1.9	1.9	1.6	15%	80%
	0	0	0	2.7	2.7	2.7	1.9	1.9	1.6	15%	80%
	612	84	10	2.7	2.7	2.7	1.9	1.9	1.6	15%	80%
25	28	2	1	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
Weymouth Twp-East	19	1	1	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
	186	11	7	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
	2	0	0	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
	0	0	0	2.6	2.6	2.6	1.6	1.6	1.6	15%	80%
26	28	0	0	3.0	3.0	3.0	1.8	1.8	1.6	15%	80%
Hamilton Twp-SW	23	0	0	3.0	3.0	3.0	1.8	1.8	1.6	15%	80%
	60	1	0	3.0	3.0	3.0	1.8	1.8	1.6	15%	80%
	559	2	6	3.0	3.0	3.0	1.8	1.8	1.6	15%	80%
	1,490	9	6	3.0	3.0	3.0	1.8	1.8	1.6	15%	80%
27	25	0	1	2.6	2.6	2.6	1.7	1.7	1.6	15%	80%
Hamilton Twp-SE	32	0	1	2.6	2.6	2.6	1.7	1.7	1.6	15%	80%
	131	3	3	2.6	2.6	2.6	1.7	1.7	1.6	15%	80%
	393	5	10	2.6	2.6	2.6	1.7	1.7	1.6	15%	80%
	3,532	40	50	2.6	2.6	2.6	1.7	1.7	1.6	15%	80%
28	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	15%	80%
Hamilton Twp-North	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	15%	80%
	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	15%	80%
	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	15%	80%
	441	2	5	3.0	3.0	3.0	2.0	2.0	1.6	15%	80%
29	0	0	0	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
Buena Vista	0	0	0	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
	0	0	0	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
	0	0	0	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
	2,515	408	18	2.8	2.8	2.8	1.8	1.8	1.6	15%	80%
30	0	0	0	2.6	2.6	2.6	1.5	1.5	1.6	15%	80%
Buena	0	0	0	2.6	2.6	2.6	1.5	1.5	1.6	15%	80%
	0	0	0	2.6	2.6	2.6	1.5	1.5	1.6	15%	80%
	0	0	0	2.6	2.6	2.6	1.5	1.5	1.6	15%	80%

	1,446	20	0	2.6	2.6	2.6	1.5	1.5	1.6	15%	80%
31	0	0	0	2.9	2.9	2.9	2.1	2.1	1.6	15%	80%
Folsom	0	0	0	2.9	2.9	2.9	2.1	2.1	1.6	15%	80%
	0	0	0	2.9	2.9	2.9	2.1	2.1	1.6	15%	80%
	0	0	0	2.9	2.9	2.9	2.1	2.1	1.6	15%	80%
	484	0	2	2.9	2.9	2.9	2.1	2.1	1.6	15%	80%
ATLANTIC TOTALS AND AVERAGES	93,669	2,757	12,111								

OCEAN COUNTY SOCIOECONOMIC DATA New Jersey Hurricane Evacuation ReStudy 2006	LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND										
EVACUATION AREAS	Units			People			Vehicles			Tourists	
	Permanent Occupied Units	Mobile Home Units	Seasonal Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1	88	6	880	1.9	1.9	1.9	1.6	1.6	1.6	10%	80%
Long Beach township	13	0	93	1.9	1.9	1.9	1.6	1.6	1.6	10%	80%
	1	0	10	1.9	1.9	1.9	1.6	1.6	1.6	10%	80%
	0	0	0	1.9	1.9	1.9	1.6	1.6	1.6	10%	80%
	0	0	0	1.9	1.9	1.9	1.6	1.6	1.6	10%	80%
2	499	0	1,292	2.2	2.2	2.2	1.7	1.7	1.6	10%	80%
Beach Haven borough	80	0	303	2.2	2.2	2.2	1.7	1.7	1.6	10%	80%
	7	0	49	2.2	2.2	2.2	1.7	1.7	1.6	10%	80%
	1	0	5	2.2	2.2	2.2	1.7	1.7	1.6	10%	80%
	0	0	0	2.2	2.2	2.2	1.7	1.7	1.6	10%	80%
3	949	5	2,617	2.0	2.0	2.0	1.6	1.6	1.6	10%	80%
Long Beach township	217	1	877	2.0	2.0	2.0	1.6	1.6	1.6	10%	80%
	42	1	232	2.0	2.0	2.0	1.6	1.6	1.6	10%	80%
	2	0	23	2.0	2.0	2.0	1.6	1.6	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	1.6	1.6	1.6	10%	80%
4	630	0	1,105	2.1	2.1	2.1	1.6	1.6	1.6	10%	80%
Ship Bottom borough	26	0	135	2.1	2.1	2.1	1.6	1.6	1.6	10%	80%
	8	0	35	2.1	2.1	2.1	1.6	1.6	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.6	1.6	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.6	1.6	1.6	10%	80%
5	646	0	1,434	2.0	2.0	2.0	1.5	1.5	1.6	10%	80%
Surf City borough	50	0	196	2.0	2.0	2.0	1.5	1.5	1.6	10%	80%
	10	0	55	2.0	2.0	2.0	1.5	1.5	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	1.5	1.5	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	1.5	1.5	1.6	10%	80%
6	69	0	290	2.1	2.1	2.1	1.9	1.9	1.6	10%	80%
Long Beach township	27	0	143	2.1	2.1	2.1	1.9	1.9	1.6	10%	80%
	2	0	18	2.1	2.1	2.1	1.9	1.9	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.9	1.9	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.9	1.9	1.6	10%	80%
7	137	0	645	2.2	2.2	2.2	1.8	1.8	1.6	10%	80%
Harvey Cedars borough	25	0	235	2.2	2.2	2.2	1.8	1.8	1.6	10%	80%
	2	0	47	2.2	2.2	2.2	1.8	1.8	1.6	10%	80%
	3	0	38	2.2	2.2	2.2	1.8	1.8	1.6	10%	80%
	0	0	0	2.2	2.2	2.2	1.8	1.8	1.6	10%	80%
8	213	0	833	2.0	2.0	2.0	1.7	1.7	1.6	10%	80%
Long Beach township	35	0	229	2.0	2.0	2.0	1.7	1.7	1.6	10%	80%
	7	0	73	2.0	2.0	2.0	1.7	1.7	1.6	10%	80%
	1	0	2	2.0	2.0	2.0	1.7	1.7	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	1.7	1.7	1.6	10%	80%
9	185	0	323	2.1	2.1	2.1	1.7	1.7	1.6	10%	80%
Barnegat Light borough	158	0	402	2.1	2.1	2.1	1.7	1.7	1.6	10%	80%
	27	0	97	2.1	2.1	2.1	1.7	1.7	1.6	10%	80%
	2	0	7	2.1	2.1	2.1	1.7	1.7	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.7	1.7	1.6	10%	80%

10	256	0	583	2.0	2.0	2.0	1.2	1.2	1.6	10%	80%
Berkeley township	62	0	192	2.0	2.0	2.0	1.2	1.2	1.6	10%	80%
	15	0	70	2.0	2.0	2.0	1.2	1.2	1.6	10%	80%
	8	0	36	2.0	2.0	2.0	1.2	1.2	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	1.2	1.2	1.6	10%	80%
11	702	0	593	2.0	2.0	2.0	1.6	1.6	1.6	10%	80%
Seaside Park borough	422	0	497	2.0	2.0	2.0	1.6	1.6	1.6	10%	80%
	3	0	2	2.0	2.0	2.0	1.6	1.6	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	1.6	1.6	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	1.6	1.6	1.6	10%	80%
12	616	1	205	2.2	2.2	2.2	1.2	1.2	1.6	10%	80%
Seaside Heights borough	738	4	423	2.2	2.2	2.2	1.2	1.2	1.6	10%	80%
	55	0	24	2.2	2.2	2.2	1.2	1.2	1.6	10%	80%
	0	0	0	2.2	2.2	2.2	1.2	1.2	1.6	10%	80%
	0	0	0	2.2	2.2	2.2	1.2	1.2	1.6	10%	80%
13	135	0	87	2.2	2.2	2.2	1.5	1.5	1.6	10%	80%
Berkeley township	0	0	0	2.2	2.2	2.2	1.5	1.5	1.6	10%	80%
	0	0	0	2.2	2.2	2.2	1.5	1.5	1.6	10%	80%
	0	0	0	2.2	2.2	2.2	1.5	1.5	1.6	10%	80%
	0	0	0	2.2	2.2	2.2	1.5	1.5	1.6	10%	80%
14	198	0	283	1.9	1.9	1.9	1.4	1.4	1.6	10%	80%
Dover township	705	0	1,119	1.9	1.9	1.9	1.4	1.4	1.6	10%	80%
	107	0	183	1.9	1.9	1.9	1.4	1.4	1.6	10%	80%
	32	0	42	1.9	1.9	1.9	1.4	1.4	1.6	10%	80%
	0	0	0	1.9	1.9	1.9	1.4	1.4	1.6	10%	80%
15	211	0	232	2.1	2.1	2.1	1.5	1.5	1.6	10%	80%
Lavallette borough	493	0	652	2.1	2.1	2.1	1.5	1.5	1.6	10%	80%
	137	0	220	2.1	2.1	2.1	1.5	1.5	1.6	10%	80%
	33	0	56	2.1	2.1	2.1	1.5	1.5	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.5	1.5	1.6	10%	80%
16	643	0	1,392	1.9	1.9	1.9	1.5	1.5	1.6	10%	80%
Dover township	206	0	573	1.9	1.9	1.9	1.5	1.5	1.6	10%	80%
	133	0	463	1.9	1.9	1.9	1.5	1.5	1.6	10%	80%
	74	0	264	1.9	1.9	1.9	1.5	1.5	1.6	10%	80%
	0	0	0	1.9	1.9	1.9	1.5	1.5	1.6	10%	80%
17	75	0	142	2.0	2.0	2.0	1.8	1.8	1.6	10%	80%
Brick township	142	1	238	2.0	2.0	2.0	1.8	1.8	1.6	10%	80%
	170	3	364	2.0	2.0	2.0	1.8	1.8	1.6	10%	80%
	79	3	321	2.0	2.0	2.0	1.8	1.8	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	1.8	1.8	1.6	10%	80%
18	105	0	132	2.0	2.0	2.0	1.9	1.9	1.6	10%	80%
Mantoloking borough	62	0	80	2.0	2.0	2.0	1.9	1.9	1.6	10%	80%
	15	0	25	2.0	2.0	2.0	1.9	1.9	1.6	10%	80%
	23	0	49	2.0	2.0	2.0	1.9	1.9	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	1.9	1.9	1.6	10%	80%
19	448	0	296	2.1	2.1	2.1	1.7	1.7	1.6	10%	80%
Bay Head borough	111	0	96	2.1	2.1	2.1	1.7	1.7	1.6	10%	80%
	18	0	25	2.1	2.1	2.1	1.7	1.7	1.6	10%	80%
	9	0	18	2.1	2.1	2.1	1.7	1.7	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.7	1.7	1.6	10%	80%
20	1,263	0	583	2.3	2.3	2.3	1.5	1.5	1.6	10%	80%
Point Pleasant Beach borou	561	0	227	2.3	2.3	2.3	1.5	1.5	1.6	10%	80%

	400	0	126	2.3	2.3	2.3	1.5	1.5	1.6	10%	80%
	98	0	16	2.3	2.3	2.3	1.5	1.5	1.6	10%	80%
	0	0	0	2.3	2.3	2.3	1.5	1.5	1.6	10%	80%
21	164	0	34	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
Point Pleasant Beach borou	370	0	17	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	606	0	27	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	778	0	38	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	220	0	12	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
22	907	0	175	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
Point Pleasant borough	946	0	86	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	1,369	0	75	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	1,388	0	44	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	809	0	30	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
23	302	4	38	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
Brick township	405	5	20	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	1,011	10	52	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	1,604	29	48	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	14,334	133	271	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
24	979	0	161	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
Brick township	1,290	0	196	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	1,580	0	154	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	3,152	0	191	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	4,379	0	130	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
25	0	0	0	2.9	2.9	2.9	1.3	1.3	1.6	10%	80%
Lakewood township	0	0	0	2.9	2.9	2.9	1.3	1.3	1.6	10%	80%
	1	0	0	2.9	2.9	2.9	1.3	1.3	1.6	10%	80%
	22	0	0	2.9	2.9	2.9	1.3	1.3	1.6	10%	80%
	19,303	11	304	2.9	2.9	2.9	1.3	1.3	1.6	10%	80%
26	0	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
Dover township	0	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	125	5	1	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	20	1	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	8,705	995	168	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
27	2,422	5	471	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
Dover township	1,856	4	293	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	2,556	3	254	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	1,839	2	76	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	13,962	3	184	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
28	81	0	15	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
Island Heights borough	44	0	7	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
	121	0	13	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
	144	0	14	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
	423	3	40	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
29	0	0	0	3.4	3.4	3.4	1.9	1.9	1.6	10%	80%
South Toms River borough	1	0	0	3.4	3.4	3.4	1.9	1.9	1.6	10%	80%
	49	0	0	3.4	3.4	3.4	1.9	1.9	1.6	10%	80%
	28	0	0	3.4	3.4	3.4	1.9	1.9	1.6	10%	80%
	992	0	6	3.4	3.4	3.4	1.9	1.9	1.6	10%	80%
30	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
Beachwood borough	6	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	22	0	1	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	124	0	5	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%

	3,312	0	17	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
31	0	0	0	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
Pine Beach borough	0	0	0	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
	143	0	19	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
	311	1	34	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
	291	1	20	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
32	32	0	18	2.5	2.5	2.5	1.6	1.6	1.6	10%	80%
Ocean Gate borough	381	0	165	2.5	2.5	2.5	1.6	1.6	1.6	10%	80%
	416	0	88	2.5	2.5	2.5	1.6	1.6	1.6	10%	80%
	0	0	0	2.5	2.5	2.5	1.6	1.6	1.6	10%	80%
	0	0	0	2.5	2.5	2.5	1.6	1.6	1.6	10%	80%
33	0	0	0	1.6	1.6	1.6	1.0	1.0	1.6	10%	80%
Berkeley township	0	0	0	1.6	1.6	1.6	1.0	1.0	1.6	10%	80%
	8	0	0	1.6	1.6	1.6	1.0	1.0	1.6	10%	80%
	10	0	0	1.6	1.6	1.6	1.0	1.0	1.6	10%	80%
	12,699	1	143	1.6	1.6	1.6	1.0	1.0	1.6	10%	80%
34	798	2	251	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
Berkeley township	667	2	127	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	986	4	76	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	429	2	38	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	3,449	11	97	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
35	0	0	0	2.9	2.9	2.9	2.7	2.7	1.6	10%	80%
Lacey township	0	0	0	2.9	2.9	2.9	2.7	2.7	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	2.7	2.7	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	2.7	2.7	1.6	10%	80%
	155	0	0	2.9	2.9	2.9	2.7	2.7	1.6	10%	80%
36	1,447	0	376	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
Lacey township	1,375	0	304	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	1,774	0	170	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	980	0	38	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	3,516	0	155	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
37	0	0	0	3.2	3.2	3.2	1.7	1.7	1.6	10%	80%
Ocean township	0	0	0	3.2	3.2	3.2	1.7	1.7	1.6	10%	80%
	0	0	0	3.2	3.2	3.2	1.7	1.7	1.6	10%	80%
	0	0	0	3.2	3.2	3.2	1.7	1.7	1.6	10%	80%
	42	0	0	3.2	3.2	3.2	1.7	1.7	1.6	10%	80%
38	1,029	0	236	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
Ocean township	221	0	46	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	721	0	134	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	279	0	37	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	186	0	3	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
39	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
Barnegat township	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	1,459	465	86	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
40	210	0	73	3.0	3.0	3.0	1.9	1.9	1.6	10%	80%
Barnegat township	105	0	29	3.0	3.0	3.0	1.9	1.9	1.6	10%	80%
	362	1	79	3.0	3.0	3.0	1.9	1.9	1.6	10%	80%
	144	0	29	3.0	3.0	3.0	1.9	1.9	1.6	10%	80%
	3,117	25	95	3.0	3.0	3.0	1.9	1.9	1.6	10%	80%
41	0	0	0	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%

Stafford township	0	0	0	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
	0	0	0	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
	0	0	0	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
	4,724	11	95	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
42	1,514	14	1,812	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
Stafford township	718	7	566	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
	123	4	28	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
	52	2	8	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
	1,454	116	104	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
43	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	10%	80%
Eagleswood township	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	10%	80%
	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	10%	80%
	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	10%	80%
	0	0	0	0.0	0.0	0.0	1.0	1.0	1.6	10%	80%
44	100	19	35	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
Eagleswood township	119	12	21	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
	104	10	19	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
	83	9	15	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
	141	14	26	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
45	0	0	0	2.9	2.9	2.9	2.2	2.2	1.6	10%	80%
Little Egg Harbor township	0	0	0	2.9	2.9	2.9	2.2	2.2	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	2.2	2.2	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	2.2	2.2	1.6	10%	80%
	21	0	1	2.9	2.9	2.9	2.2	2.2	1.6	10%	80%
46	2,170	10	1,225	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
Little Egg Harbor township	978	0	122	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
	794	0	39	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
	747	0	25	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
	1,441	0	49	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
47	460	15	387	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
Tuckerton borough	321	27	10	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
	444	44	12	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
	234	28	3	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
	39	6	1	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
48	0	0	0	1.8	1.8	1.8	1.2	1.2	1.6	10%	80%
Manchester township	0	0	0	1.8	1.8	1.8	1.2	1.2	1.6	10%	80%
	0	0	0	1.8	1.8	1.8	1.2	1.2	1.6	10%	80%
	0	0	0	1.8	1.8	1.8	1.2	1.2	1.6	10%	80%
	20,238	1,346	620	1.8	1.8	1.8	1.2	1.2	1.6	10%	80%
49	0	0	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
Lakehurst borough	0	0	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
	861	56	4	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
50	0	0	0	2.9	2.9	2.9	2.1	2.1	1.6	10%	80%
Plumsted township	0	0	0	2.9	2.9	2.9	2.1	2.1	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	2.1	2.1	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	2.1	2.1	1.6	10%	80%
	2,270	190	25	2.9	2.9	2.9	2.1	2.1	1.6	10%	80%
51	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
Jackson township	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%

	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	13,853	1,050	88	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
OCEAN TOTALS AND AVERAGES	198,221	4,743	35,626								

MONMOUTH COUNTY
SOCIOECONOMIC DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND

EVACUATION AREAS	Units			People			Vehicles			Tourists	
	Permanent Occupied Units	Mobile Home Units	Seasonal Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1	26	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
MATAWAN BORO	12	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	11	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	10	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	3,470	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
2	89	0	0	2.7	2.7	2.7	1.8	1.8	1.6	10%	80%
ABERDEEN TWP	112	0	0	2.7	2.7	2.7	1.8	1.8	1.6	10%	80%
	130	0	0	2.7	2.7	2.7	1.8	1.8	1.6	10%	80%
	100	0	0	2.7	2.7	2.7	1.8	1.8	1.6	10%	80%
	5,808	0	3	2.7	2.7	2.7	1.8	1.8	1.6	10%	80%
3	249	1	4	2.3	2.3	2.3	1.3	1.3	1.6	10%	80%
KEYPORT BORO	418	4	6	2.3	2.3	2.3	1.3	1.3	1.6	10%	80%
	1,346	20	15	2.3	2.3	2.3	1.3	1.3	1.6	10%	80%
	406	2	5	2.3	2.3	2.3	1.3	1.3	1.6	10%	80%
	841	5	7	2.3	2.3	2.3	1.3	1.3	1.6	10%	80%
4	1,466	0	0	3.1	3.1	3.1	1.9	1.9	1.6	10%	80%
UNION BEACH BORO	596	0	0	3.1	3.1	3.1	1.9	1.9	1.6	10%	80%
	79	0	0	3.1	3.1	3.1	1.9	1.9	1.6	10%	80%
	0	0	0	3.1	3.1	3.1	1.9	1.9	1.6	10%	80%
	0	0	0	3.1	3.1	3.1	1.9	1.9	1.6	10%	80%
5	744	164	12	2.9	2.9	2.9	1.9	1.9	1.6	10%	80%
HAZLET TWP	625	70	5	2.9	2.9	2.9	1.9	1.9	1.6	10%	80%
	1,082	191	4	2.9	2.9	2.9	1.9	1.9	1.6	10%	80%
	651	47	1	2.9	2.9	2.9	1.9	1.9	1.6	10%	80%
	4,056	217	16	2.9	2.9	2.9	1.9	1.9	1.6	10%	80%
6	3,354	0	60	2.7	2.7	2.7	1.4	1.4	1.6	10%	80%
KEANSBURG BORO	506	0	3	2.7	2.7	2.7	1.4	1.4	1.6	10%	80%
	5	0	0	2.7	2.7	2.7	1.4	1.4	1.6	10%	80%
	0	0	0	2.7	2.7	2.7	1.4	1.4	1.6	10%	80%
	0	0	0	2.7	2.7	2.7	1.4	1.4	1.6	10%	80%
7	2,908	9	25	2.9	2.9	2.9	2.0	2.0	1.6	10%	80%
MIDDLETOWN TWP	1,059	2	2	2.9	2.9	2.9	2.0	2.0	1.6	10%	80%
	1,241	2	2	2.9	2.9	2.9	2.0	2.0	1.6	10%	80%
	926	2	3	2.9	2.9	2.9	2.0	2.0	1.6	10%	80%
	16,767	18	120	2.9	2.9	2.9	2.0	2.0	1.6	10%	80%
8	128	0	2	2.3	2.3	2.3	1.7	1.7	1.6	10%	80%
ATLANTIC HIGHLANDS BO	132	0	2	2.3	2.3	2.3	1.7	1.7	1.6	10%	80%
	146	1	1	2.3	2.3	2.3	1.7	1.7	1.6	10%	80%
	266	2	1	2.3	2.3	2.3	1.7	1.7	1.6	10%	80%
	1,447	5	24	2.3	2.3	2.3	1.7	1.7	1.6	10%	80%
9	1,445	86	144	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
HIGHLANDS BORO	126	3	7	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	26	0	2	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	7	1	0	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	840	46	46	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
10	84	0	1	2.2	2.2	2.2	1.3	1.3	1.6	10%	80%
RED BANK BORO	96	0	1	2.2	2.2	2.2	1.3	1.3	1.6	10%	80%
	65	0	0	2.2	2.2	2.2	1.3	1.3	1.6	10%	80%
	129	0	0	2.2	2.2	2.2	1.3	1.3	1.6	10%	80%
	4,815	0	35	2.2	2.2	2.2	1.3	1.3	1.6	10%	80%
11	33	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
FAIR HAVEN BORO	46	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%

	95	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	526	0	1	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	1,302	0	6	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
12	367	2	20	2.9	2.9	2.9	2.1	2.1	1.6	10%	80%
RUMSON BORO	505	3	37	2.9	2.9	2.9	2.1	2.1	1.6	10%	80%
	314	1	19	2.9	2.9	2.9	2.1	2.1	1.6	10%	80%
	320	1	15	2.9	2.9	2.9	2.1	2.1	1.6	10%	80%
	940	0	24	2.9	2.9	2.9	2.1	2.1	1.6	10%	80%
13	1	0	0	2.0	2.0	2.0	0.0	0.0	1.6	10%	80%
GATEWAY NAT'L REC AREA	0	0	0	2.0	2.0	2.0	0.0	0.0	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	0.0	0.0	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	0.0	0.0	1.6	10%	80%
	0	0	0	2.0	2.0	2.0	0.0	0.0	1.6	10%	80%
14	519	0	87	1.8	1.8	1.8	1.5	1.5	1.6	10%	80%
SEA BRIGHT BORO	191	0	36	1.8	1.8	1.8	1.5	1.5	1.6	10%	80%
	18	0	3	1.8	1.8	1.8	1.5	1.5	1.6	10%	80%
	224	0	33	1.8	1.8	1.8	1.5	1.5	1.6	10%	80%
	0	0	0	1.8	1.8	1.8	1.5	1.5	1.6	10%	80%
15	0	0	0	2.1	2.1	2.1	1.3	1.3	1.6	10%	80%
SHREWSBURY TWP	0	0	0	2.1	2.1	2.1	1.3	1.3	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.3	1.3	1.6	10%	80%
	0	0	0	2.1	2.1	2.1	1.3	1.3	1.6	10%	80%
	521	0	0	2.1	2.1	2.1	1.3	1.3	1.6	10%	80%
16	1	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
SHREWSBURY BORO	20	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	60	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	90	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	1,031	0	15	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
17	53	0	0	2.8	2.8	2.8	2.0	2.0	1.6	10%	80%
LITTLE SILVER BORO	422	0	0	2.8	2.8	2.8	2.0	2.0	1.6	10%	80%
	295	0	0	2.8	2.8	2.8	2.0	2.0	1.6	10%	80%
	314	0	0	2.8	2.8	2.8	2.0	2.0	1.6	10%	80%
	1,131	0	0	2.8	2.8	2.8	2.0	2.0	1.6	10%	80%
18	844	0	184	2.2	2.2	2.2	1.8	1.8	1.6	10%	80%
MONMOUTH BEACH BORO	708	0	114	2.2	2.2	2.2	1.8	1.8	1.6	10%	80%
	97	0	12	2.2	2.2	2.2	1.8	1.8	1.6	10%	80%
	9	0	2	2.2	2.2	2.2	1.8	1.8	1.6	10%	80%
	0	0	0	2.2	2.2	2.2	1.8	1.8	1.6	10%	80%
19	1	0	0	2.4	2.4	2.4	1.6	1.6	1.6	10%	80%
EATONTOWN BORO	6	0	0	2.4	2.4	2.4	1.6	1.6	1.6	10%	80%
	52	0	0	2.4	2.4	2.4	1.6	1.6	1.6	10%	80%
	120	0	0	2.4	2.4	2.4	1.6	1.6	1.6	10%	80%
	5,158	271	44	2.4	2.4	2.4	1.6	1.6	1.6	10%	80%
20	141	1	2	2.7	2.7	2.7	2.1	2.1	1.6	10%	80%
OCEANPORT BORO	960	4	13	2.7	2.7	2.7	2.1	2.1	1.6	10%	80%
	317	2	6	2.7	2.7	2.7	2.1	2.1	1.6	10%	80%
	194	2	5	2.7	2.7	2.7	2.1	2.1	1.6	10%	80%
	434	1	3	2.7	2.7	2.7	2.1	2.1	1.6	10%	80%
21	0	0	0	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
WEST LONG BRANCH BORO	7	0	0	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
	32	0	1	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
	241	0	5	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
	2,150	0	55	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
22	340	1	17	2.5	2.5	2.5	1.4	1.4	1.6	10%	80%
LONG BRANCH CITY	2,520	5	56	2.5	2.5	2.5	1.4	1.4	1.6	10%	80%
	1,772	1	65	2.5	2.5	2.5	1.4	1.4	1.6	10%	80%
	1,484	0	61	2.5	2.5	2.5	1.4	1.4	1.6	10%	80%
	6,459	0	657	2.5	2.5	2.5	1.4	1.4	1.6	10%	80%
23	0	0	0	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%

OCEAN TWP	29	0	0	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	84	0	1	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	227	0	4	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
	8,999	10	234	2.6	2.6	2.6	1.8	1.8	1.6	10%	80%
24	0	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
DEAL BORO	5	0	8	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	13	0	21	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	30	0	44	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	389	0	422	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
25	0	0	0	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
ALLENHURST BORO	1	0	0	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
	36	0	8	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
	95	0	23	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
	148	0	42	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
26	5	0	0	2.3	2.3	2.3	1.9	1.9	1.6	10%	80%
INTERLAKEN BORO	28	0	0	2.3	2.3	2.3	1.9	1.9	1.6	10%	80%
	69	0	0	2.3	2.3	2.3	1.9	1.9	1.6	10%	80%
	97	0	0	2.3	2.3	2.3	1.9	1.9	1.6	10%	80%
	187	0	1	2.3	2.3	2.3	1.9	1.9	1.6	10%	80%
27	3	0	1	2.3	2.3	2.3	2.1	2.1	1.6	10%	80%
LOCH ARBOUR VILLAGE	37	1	8	2.3	2.3	2.3	2.1	2.1	1.6	10%	80%
	65	2	12	2.3	2.3	2.3	2.1	2.1	1.6	10%	80%
	7	0	1	2.3	2.3	2.3	2.1	2.1	1.6	10%	80%
	9	0	2	2.3	2.3	2.3	2.1	2.1	1.6	10%	80%
28	11	0	0	2.5	2.5	2.5	0.9	0.9	1.6	10%	80%
ASBURY PARK CITY	654	0	4	2.5	2.5	2.5	0.9	0.9	1.6	10%	80%
	2,039	0	14	2.5	2.5	2.5	0.9	0.9	1.6	10%	80%
	1,565	0	10	2.5	2.5	2.5	0.9	0.9	1.6	10%	80%
	2,505	0	20	2.5	2.5	2.5	0.9	0.9	1.6	10%	80%
29	225	0	18	2.5	2.5	2.5	1.5	1.5	1.6	10%	80%
NEPTUNE TWP	397	1	60	2.5	2.5	2.5	1.5	1.5	1.6	10%	80%
	1,129	10	161	2.5	2.5	2.5	1.5	1.5	1.6	10%	80%
	1,481	20	222	2.5	2.5	2.5	1.5	1.5	1.6	10%	80%
	7,654	59	244	2.5	2.5	2.5	1.5	1.5	1.6	10%	80%
30	13	0	0	2.3	2.3	2.3	1.5	1.5	1.6	10%	80%
NEPTUNE CITY BORO	115	1	1	2.3	2.3	2.3	1.5	1.5	1.6	10%	80%
	398	3	8	2.3	2.3	2.3	1.5	1.5	1.6	10%	80%
	339	5	6	2.3	2.3	2.3	1.5	1.5	1.6	10%	80%
	1,317	64	17	2.3	2.3	2.3	1.5	1.5	1.6	10%	80%
31	20	0	7	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
BRADLEY BEACH BORO	183	0	64	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	868	0	283	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	684	0	173	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	558	0	18	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
32	66	0	23	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
AVON-BY-THE-SEA BORO	265	0	80	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	469	0	145	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	151	0	38	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
	77	0	15	2.1	2.1	2.1	1.4	1.4	1.6	10%	80%
33	174	1	51	2.1	2.1	2.1	1.5	1.5	1.6	10%	80%
BELMAR BORO	901	1	213	2.1	2.1	2.1	1.5	1.5	1.6	10%	80%
	1,401	3	366	2.1	2.1	2.1	1.5	1.5	1.6	10%	80%
	295	1	76	2.1	2.1	2.1	1.5	1.5	1.6	10%	80%
	175	1	50	2.1	2.1	2.1	1.5	1.5	1.6	10%	80%
34	12	0	5	2.2	2.2	2.2	1.4	1.4	1.6	10%	80%
SOUTH BELMAR BORO	81	0	21	2.2	2.2	2.2	1.4	1.4	1.6	10%	80%
	194	0	70	2.2	2.2	2.2	1.4	1.4	1.6	10%	80%
	193	0	64	2.2	2.2	2.2	1.4	1.4	1.6	10%	80%
	344	0	70	2.2	2.2	2.2	1.4	1.4	1.6	10%	80%

35	44	0	15	2.4	2.4	2.4	1.8	1.8	1.6	10%	80%
SPRING LAKE BORO	190	1	60	2.4	2.4	2.4	1.8	1.8	1.6	10%	80%
	151	1	44	2.4	2.4	2.4	1.8	1.8	1.6	10%	80%
	146	1	40	2.4	2.4	2.4	1.8	1.8	1.6	10%	80%
	932	5	221	2.4	2.4	2.4	1.8	1.8	1.6	10%	80%
36	4	0	0	2.0	2.0	2.0	1.4	1.4	1.6	10%	80%
SPRING LAKE HEIGHTS B	40	0	10	2.0	2.0	2.0	1.4	1.4	1.6	10%	80%
	157	0	23	2.0	2.0	2.0	1.4	1.4	1.6	10%	80%
	178	0	27	2.0	2.0	2.0	1.4	1.4	1.6	10%	80%
	2,133	0	264	2.0	2.0	2.0	1.4	1.4	1.6	10%	80%
37	1	0	1	2.3	2.3	2.3	1.7	1.7	1.6	10%	80%
SEA GIRT BORO	101	0	43	2.3	2.3	2.3	1.7	1.7	1.6	10%	80%
	229	0	94	2.3	2.3	2.3	1.7	1.7	1.6	10%	80%
	202	0	63	2.3	2.3	2.3	1.7	1.7	1.6	10%	80%
	409	0	86	2.3	2.3	2.3	1.7	1.7	1.6	10%	80%
38	840	0	415	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
MANASQUAN BORO	457	0	119	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
	325	0	113	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
	235	0	47	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
	668	0	6	2.4	2.4	2.4	1.7	1.7	1.6	10%	80%
39	121	0	15	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
BRIELLE BORO	275	0	30	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	197	1	16	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	97	1	5	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	1,281	18	45	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
40	28	0	2	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
WALL TWP	30	0	2	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
	52	2	3	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
	124	3	8	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
	9,030	150	320	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
41	2	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
TINTON FALLS BORO	2	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	3	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	5	0	0	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
	5,794	0	22	2.5	2.5	2.5	1.7	1.7	1.6	10%	80%
42	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
HOWELL TWP	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	0	0	0	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
	15,839	657	73	3.0	3.0	3.0	2.0	2.0	1.6	10%	80%
43	0	0	0	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
FARMINGDALE BORO	0	0	0	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	0	0	0	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	0	0	0	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	566	0	0	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
44	0	0	0	3.2	3.2	3.2	2.2	2.2	1.6	10%	80%
COLTS NECK TWP	0	0	0	3.2	3.2	3.2	2.2	2.2	1.6	10%	80%
	0	0	0	3.2	3.2	3.2	2.2	2.2	1.6	10%	80%
	0	0	0	3.2	3.2	3.2	2.2	2.2	1.6	10%	80%
	3,354	7	42	3.2	3.2	3.2	2.2	2.2	1.6	10%	80%
45	0	0	0	3.1	3.1	3.1	2.1	2.1	1.6	10%	80%
HOLMDEL TWP	3	0	0	3.1	3.1	3.1	2.1	2.1	1.6	10%	80%
	15	0	0	3.1	3.1	3.1	2.1	2.1	1.6	10%	80%
	140	0	1	3.1	3.1	3.1	2.1	2.1	1.6	10%	80%
	4,732	99	64	3.1	3.1	3.1	2.1	2.1	1.6	10%	80%
46	0	0	0	3.2	3.2	3.2	2.1	2.1	1.6	10%	80%
MARLBORO TWP	0	0	0	3.2	3.2	3.2	2.1	2.1	1.6	10%	80%
	0	0	0	3.2	3.2	3.2	2.1	2.1	1.6	10%	80%
	0	0	0	3.2	3.2	3.2	2.1	2.1	1.6	10%	80%

	11,282	210	51	3.2	3.2	3.2	2.1	2.1	1.6	10%	80%
47	0	0	0	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
FREEHOLD TWP	0	0	0	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
	0	0	0	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
	0	0	0	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
	10,613	358	15	2.8	2.8	2.8	1.9	1.9	1.6	10%	80%
48	0	0	0	3.0	3.0	3.0	1.6	1.6	1.6	10%	80%
FREEHOLD BORO	0	0	0	3.0	3.0	3.0	1.6	1.6	1.6	10%	80%
	0	0	0	3.0	3.0	3.0	1.6	1.6	1.6	10%	80%
	0	0	0	3.0	3.0	3.0	1.6	1.6	1.6	10%	80%
	3,695	0	2	3.0	3.0	3.0	1.6	1.6	1.6	10%	80%
49	0	0	0	3.1	3.1	3.1	2.0	2.0	1.6	10%	80%
MANALAPAN TWP	0	0	0	3.1	3.1	3.1	2.0	2.0	1.6	10%	80%
	0	0	0	3.1	3.1	3.1	2.0	2.0	1.6	10%	80%
	0	0	0	3.1	3.1	3.1	2.0	2.0	1.6	10%	80%
	10,509	40	114	3.1	3.1	3.1	2.0	2.0	1.6	10%	80%
50	0	0	0	2.7	2.7	2.7	1.6	1.6	1.6	10%	80%
ENGLISHTOWN BORO	0	0	0	2.7	2.7	2.7	1.6	1.6	1.6	10%	80%
	0	0	0	2.7	2.7	2.7	1.6	1.6	1.6	10%	80%
	0	0	0	2.7	2.7	2.7	1.6	1.6	1.6	10%	80%
	561	0	1	2.7	2.7	2.7	1.6	1.6	1.6	10%	80%
51	0	0	0	3.3	3.3	3.3	2.3	2.3	1.6	10%	80%
MILLSTONE TWP	0	0	0	3.3	3.3	3.3	2.3	2.3	1.6	10%	80%
	0	0	0	3.3	3.3	3.3	2.3	2.3	1.6	10%	80%
	0	0	0	3.3	3.3	3.3	2.3	2.3	1.6	10%	80%
	2,596	0	4	3.3	3.3	3.3	2.3	2.3	1.6	10%	80%
52	0	0	0	2.8	2.8	2.8	2.0	2.0	1.6	10%	80%
ROOSEVELT BORO	0	0	0	2.8	2.8	2.8	2.0	2.0	1.6	10%	80%
	0	0	0	2.8	2.8	2.8	2.0	2.0	1.6	10%	80%
	0	0	0	2.8	2.8	2.8	2.0	2.0	1.6	10%	80%
	337	0	5	2.8	2.8	2.8	2.0	2.0	1.6	10%	80%
53	0	0	0	3.0	3.0	3.0	2.3	2.3	1.6	10%	80%
UPPER FREEHOLD TWP	0	0	0	3.0	3.0	3.0	2.3	2.3	1.6	10%	80%
	0	0	0	3.0	3.0	3.0	2.3	2.3	1.6	10%	80%
	0	0	0	3.0	3.0	3.0	2.3	2.3	1.6	10%	80%
	1,411	0	0	3.0	3.0	3.0	2.3	2.3	1.6	10%	80%
54	0	0	0	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
ALLENTOWN BORO	0	0	0	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	0	0	0	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	0	0	0	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
	670	0	0	2.7	2.7	2.7	1.9	1.9	1.6	10%	80%
MONMOUTH TOTALS AND AVERAGES	220,552	2,930	8,137								

CUMBERLAND COUNTY
SOCIOECONOMIC DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND

EVACUATION AREAS	Units			People			Vehicles			Tourists	
	Permanent Occupied Units	Mobile Home Units	Seasonal Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1	195	29	11	2.8	2.8	2.8	1.7	1.7	1.6	10%	80%
MAURICE RIVER TWP-South	139	20	8	2.8	2.8	2.8	1.7	1.7	1.6	10%	80%
	32	4	2	2.8	2.8	2.8	1.7	1.7	1.6	10%	80%
	23	3	1	2.8	2.8	2.8	1.7	1.7	1.6	10%	80%
	0	0	0	2.8	2.8	2.8	1.7	1.7	1.6	10%	80%
2	6	1	0	2.5	2.5	2.5	2.0	2.0	1.6	10%	80%
BAYSIDE-SOUTHERN STATE	28	4	1	2.5	2.5	2.5	2.0	2.0	1.6	10%	80%
	26	4	1	2.5	2.5	2.5	2.0	2.0	1.6	10%	80%
	9	1	0	2.5	2.5	2.5	2.0	2.0	1.6	10%	80%
	13	2	0	2.5	2.5	2.5	2.0	2.0	1.6	10%	80%
3	36	4	1	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
MAURICE RIVER TWP-Central	84	10	2	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	112	13	3	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	154	20	7	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	31	4	1	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
4	2	0	0	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
MR TWP-PORT ELIZ-MANUMUSKIN	12	1	0	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
	98	11	1	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
	52	5	0	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
	85	8	1	2.6	2.6	2.6	1.9	1.9	1.6	10%	80%
5	0	0	0	3.0	3.0	3.0	1.9	1.9	1.6	10%	80%
MAURICE RIVER TWP-NE	0	0	0	3.0	3.0	3.0	1.9	1.9	1.6	10%	80%
	0	0	0	3.0	3.0	3.0	1.9	1.9	1.6	10%	80%
	0	0	0	3.0	3.0	3.0	1.9	1.9	1.6	10%	80%
	185	18	2	3.0	3.0	3.0	1.9	1.9	1.6	10%	80%
6	155	4	5	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
COMMERCIAL TWP-SOUTH	144	2	5	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
	14	4	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
	23	6	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
7	81	8	2	2.9	2.9	2.9	1.9	1.9	1.6	10%	80%
COMMERCIAL TWP-SOUTH-CENTRAL	186	9	6	2.9	2.9	2.9	1.9	1.9	1.6	10%	80%
	32	7	0	2.9	2.9	2.9	1.9	1.9	1.6	10%	80%
	11	2	0	2.9	2.9	2.9	1.9	1.9	1.6	10%	80%
	19	4	0	2.9	2.9	2.9	1.9	1.9	1.6	10%	80%
8	4	1	0	2.8	2.8	2.8	1.6	1.6	1.6	10%	80%
COMMERCIAL TWP-NORTH	22	6	0	2.8	2.8	2.8	1.6	1.6	1.6	10%	80%
	44	11	0	2.8	2.8	2.8	1.6	1.6	1.6	10%	80%
	83	40	3	2.8	2.8	2.8	1.6	1.6	1.6	10%	80%
	1,029	496	87	2.8	2.8	2.8	1.6	1.6	1.6	10%	80%
9	1	0	0	2.7	2.7	2.7	1.6	1.6	1.6	10%	80%
MILLVILLE CITY-SOUTH	10	1	0	2.7	2.7	2.7	1.6	1.6	1.6	10%	80%
	632	55	3	2.7	2.7	2.7	1.6	1.6	1.6	10%	80%
	689	20	8	2.7	2.7	2.7	1.6	1.6	1.6	10%	80%
	3,185	205	18	2.7	2.7	2.7	1.6	1.6	1.6	10%	80%
10	0	0	0	2.6	2.6	2.6	1.4	1.4	1.6	10%	80%
MILLVILLE CITY-NORTH	1	0	0	2.6	2.6	2.6	1.4	1.4	1.6	10%	80%
	98	0	0	2.6	2.6	2.6	1.4	1.4	1.6	10%	80%
	97	0	0	2.6	2.6	2.6	1.4	1.4	1.6	10%	80%
	4,994	16	21	2.6	2.6	2.6	1.4	1.4	1.6	10%	80%
11	0	0	0	2.7	2.7	2.7	1.5	1.5	1.6	10%	80%
VINELAND CITY	0	0	0	2.7	2.7	2.7	1.5	1.5	1.6	10%	80%

	0	0	0	2.7	2.7	2.7	1.5	1.5	1.6	10%	80%
	0	0	0	2.7	2.7	2.7	1.5	1.5	1.6	10%	80%
	19,044	1,256	130	2.7	2.7	2.7	1.5	1.5	1.6	10%	80%
12	293	50	315	2.3	2.3	2.3	1.6	1.6	1.6	10%	80%
DOWNE TWP-SOUTH	122	11	61	2.3	2.3	2.3	1.6	1.6	1.6	10%	80%
	0	0	0	2.3	2.3	2.3	1.6	1.6	1.6	10%	80%
	0	0	0	2.3	2.3	2.3	1.6	1.6	1.6	10%	80%
	0	0	0	2.3	2.3	2.3	1.6	1.6	1.6	10%	80%
13	74	5	3	2.7	2.7	2.7	1.8	1.8	1.6	10%	80%
DOWNE TWP-CENTRAL	103	7	3	2.7	2.7	2.7	1.8	1.8	1.6	10%	80%
	5	0	0	2.7	2.7	2.7	1.8	1.8	1.6	10%	80%
	3	0	0	2.7	2.7	2.7	1.8	1.8	1.6	10%	80%
	5	0	0	2.7	2.7	2.7	1.8	1.8	1.6	10%	80%
14	0	0	0	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
DOWNE TWP-NORTH	1	0	0	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	1	0	0	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	1	0	0	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
	24	2	1	2.5	2.5	2.5	1.8	1.8	1.6	10%	80%
15	101	1	19	2.8	2.8	2.8	1.6	1.6	1.6	10%	80%
LAWRENCE TWP-SW	79	1	17	2.8	2.8	2.8	1.6	1.6	1.6	10%	80%
	32	0	4	2.8	2.8	2.8	1.6	1.6	1.6	10%	80%
	15	0	2	2.8	2.8	2.8	1.6	1.6	1.6	10%	80%
	31	0	4	2.8	2.8	2.8	1.6	1.6	1.6	10%	80%
16	1	0	0	3.0	3.0	3.0	1.8	1.8	1.6	10%	80%
LAWRENCE TWP-NE	3	0	0	3.0	3.0	3.0	1.8	1.8	1.6	10%	80%
	21	0	2	3.0	3.0	3.0	1.8	1.8	1.6	10%	80%
	14	0	1	3.0	3.0	3.0	1.8	1.8	1.6	10%	80%
	638	6	22	3.0	3.0	3.0	1.8	1.8	1.6	10%	80%
17	53	5	9	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
FAIRFIELD TWP-SW	22	1	2	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
	9	1	1	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
	3	0	1	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
	15	1	2	2.6	2.6	2.6	1.7	1.7	1.6	10%	80%
18	7	0	1	2.8	2.8	2.8	1.7	1.7	1.6	10%	80%
FAIRFIELD TWP-NE	21	1	2	2.8	2.8	2.8	1.7	1.7	1.6	10%	80%
	23	1	2	2.8	2.8	2.8	1.7	1.7	1.6	10%	80%
	37	3	3	2.8	2.8	2.8	1.7	1.7	1.6	10%	80%
	1,552	290	50	2.8	2.8	2.8	1.7	1.7	1.6	10%	80%
19	0	0	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
DEERFIELD TWP	0	0	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
	0	0	0	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
	963	15	15	2.9	2.9	2.9	1.8	1.8	1.6	10%	80%
20	3	0	0	3.0	3.0	3.0	1.2	1.2	1.6	10%	80%
BRIDGETON CITY	97	0	0	3.0	3.0	3.0	1.2	1.2	1.6	10%	80%
	82	0	0	3.0	3.0	3.0	1.2	1.2	1.6	10%	80%
	122	0	0	3.0	3.0	3.0	1.2	1.2	1.6	10%	80%
	5,785	7	9	3.0	3.0	3.0	1.2	1.2	1.6	10%	80%
21	0	0	0	2.7	2.7	2.7	1.7	1.7	1.6	10%	80%
UPPER DEERFIELD TWP	2	0	0	2.7	2.7	2.7	1.7	1.7	1.6	10%	80%
	2	0	0	2.7	2.7	2.7	1.7	1.7	1.6	10%	80%
	4	0	0	2.7	2.7	2.7	1.7	1.7	1.6	10%	80%
	2,698	26	9	2.7	2.7	2.7	1.7	1.7	1.6	10%	80%
22	18	0	0	2.8	2.8	2.8	1.8	1.8	1.6	10%	80%
HOPEWELL TWP-SOUTH	13	0	0	2.8	2.8	2.8	1.8	1.8	1.6	10%	80%
	9	0	0	2.8	2.8	2.8	1.8	1.8	1.6	10%	80%
	11	0	0	2.8	2.8	2.8	1.8	1.8	1.6	10%	80%
	61	0	0	2.8	2.8	2.8	1.8	1.8	1.6	10%	80%
23	0	0	0	2.7	2.7	2.7	1.7	1.7	1.6	10%	80%

HOPEWELL TWP-CENTRAL	0	0	0	2.7	2.7	2.7	1.7	1.7	1.6	10%	80%
	1	0	0	2.7	2.7	2.7	1.7	1.7	1.6	10%	80%
	0	0	0	2.7	2.7	2.7	1.7	1.7	1.6	10%	80%
	251	0	0	2.7	2.7	2.7	1.7	1.7	1.6	10%	80%
24	0	0	0	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
HOPEWELL TWP-NORTH	0	0	0	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
	1	0	0	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
	1	0	0	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
	1,214	8	9	2.5	2.5	2.5	1.9	1.9	1.6	10%	80%
25	0	0	0	2.8	2.8	2.8	2.2	2.2	1.6	10%	80%
SHILOH BORO	0	0	0	2.8	2.8	2.8	2.2	2.2	1.6	10%	80%
	0	0	0	2.8	2.8	2.8	2.2	2.2	1.6	10%	80%
	0	0	0	2.8	2.8	2.8	2.2	2.2	1.6	10%	80%
	194	4	3	2.8	2.8	2.8	2.2	2.2	1.6	10%	80%
26	44	0	1	2.6	2.6	2.6	2.0	2.0	1.6	10%	80%
GREENWICH TWP-SOUTH	128	1	4	2.6	2.6	2.6	2.0	2.0	1.6	10%	80%
	23	0	0	2.6	2.6	2.6	2.0	2.0	1.6	10%	80%
	35	0	1	2.6	2.6	2.6	2.0	2.0	1.6	10%	80%
	97	1	3	2.6	2.6	2.6	2.0	2.0	1.6	10%	80%
27	12	1	0	2.5	2.5	2.5	2.1	2.1	1.6	10%	80%
STOW CREEK TWP-SW	4	0	0	2.5	2.5	2.5	2.1	2.1	1.6	10%	80%
	6	1	0	2.5	2.5	2.5	2.1	2.1	1.6	10%	80%
	5	1	0	2.5	2.5	2.5	2.1	2.1	1.6	10%	80%
	26	3	0	2.5	2.5	2.5	2.1	2.1	1.6	10%	80%
28	2	0	0	2.6	2.6	2.6	2.1	2.1	1.6	10%	80%
STOW CREEK TWP-CENTRAL	3	0	0	2.6	2.6	2.6	2.1	2.1	1.6	10%	80%
	3	0	0	2.6	2.6	2.6	2.1	2.1	1.6	10%	80%
	2	0	0	2.6	2.6	2.6	2.1	2.1	1.6	10%	80%
	159	16	2	2.6	2.6	2.6	2.1	2.1	1.6	10%	80%
29	0	0	0	2.7	2.7	2.7	2.1	2.1	1.6	10%	80%
STOW CREEK TWP-NORTH	0	0	0	2.7	2.7	2.7	2.1	2.1	1.6	10%	80%
	1	0	0	2.7	2.7	2.7	2.1	2.1	1.6	10%	80%
	1	0	0	2.7	2.7	2.7	2.1	2.1	1.6	10%	80%
	306	30	5	2.7	2.7	2.7	2.1	2.1	1.6	10%	80%
CUMBERLAND TOTALS AND AVERAGES	47,618	2,815	918								

NORTH JERSEY COUNTIES SOCIOECONOMIC DATA New Jersey Hurricane Evacuation ReStudy 2006	LEGEND : - CAT 1	- CAT 2	- CAT 3	- CAT 4	- INLAND						
	Units			People			Vehicles			Tourists	
HUDSON EVACUATION AREAS	Permanent Occupied Units	Mobile Home Units	Seasonal Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1	1,008	0	3	2.48	2.48	2.48	1.10	1.10	1.10	10%	80%
Bayonne South	630	0	5	2.48	2.48	2.48	1.10	1.10	1.10	10%	80%
	2,792	0	4	2.48	2.48	2.48	1.10	1.10	1.10	10%	80%
	1,233	2	3	2.48	2.48	2.48	1.10	1.10	1.10	10%	80%
	5,390	9	36	2.48	2.48	2.48	1.10	1.10	1.10	10%	80%
2	213	0	1	2.42	2.42	2.42	1.10	1.10	1.10	10%	80%
Bayonne East	344	1	2	2.42	2.42	2.42	1.10	1.10	1.10	10%	80%
	1,092	12	2	2.42	2.42	2.42	1.10	1.10	1.10	10%	80%
	474	8	1	2.42	2.42	2.42	1.10	1.10	1.10	10%	80%
	8,729	12	22	2.42	2.42	2.42	1.10	1.10	1.10	10%	80%
3	157	1	0	2.22	2.22	2.22	1.00	1.00	1.00	10%	80%
Bayonne West	35	3	0	2.22	2.22	2.22	1.00	1.00	1.00	10%	80%
	90	7	0	2.22	2.22	2.22	1.00	1.00	1.00	10%	80%
	584	27	0	2.22	2.22	2.22	1.00	1.00	1.00	10%	80%
	2,775	27	0	2.22	2.22	2.22	1.00	1.00	1.00	10%	80%
4	14,064	8	218	2.24	2.24	2.24	0.70	0.70	0.70	10%	80%
Jersey City East	4,778	0	45	2.24	2.24	2.24	0.70	0.70	0.70	10%	80%
	828	12	5	2.24	2.24	2.24	0.70	0.70	0.70	10%	80%
	14	0	0	2.24	2.24	2.24	0.70	0.70	0.70	10%	80%
	122	0	0	2.24	2.24	2.24	0.70	0.70	0.70	10%	80%
5	4	0	0	2.78	2.78	2.78	0.80	0.80	0.80	10%	80%
Jersey City Central	17	0	0	2.78	2.78	2.78	0.80	0.80	0.80	10%	80%
	110	0	0	2.78	2.78	2.78	0.80	0.80	0.80	10%	80%
	213	0	0	2.78	2.78	2.78	0.80	0.80	0.80	10%	80%
	56,722	12	161	2.78	2.78	2.78	0.80	0.80	0.80	10%	80%
6	1,799	0	0	2.88	2.88	2.88	1.10	1.10	1.10	10%	80%
Jersey City West	596	0	0	2.88	2.88	2.88	1.10	1.10	1.10	10%	80%
	1,108	0	0	2.88	2.88	2.88	1.10	1.10	1.10	10%	80%
	2,207	0	2	2.88	2.88	2.88	1.10	1.10	1.10	10%	80%
	6,050	0	20	2.88	2.88	2.88	1.10	1.10	1.10	10%	80%
7	13,103	0	35	1.92	1.92	1.92	0.80	0.80	0.80	10%	80%
Hoboken City	4,253	0	7	1.92	1.92	1.92	0.80	0.80	0.80	10%	80%
	1,605	0	2	1.92	1.92	1.92	0.80	0.80	0.80	10%	80%
	355	0	1	1.92	1.92	1.92	0.80	0.80	0.80	10%	80%
	102	0	0	1.92	1.92	1.92	0.80	0.80	0.80	10%	80%
8	273	0	17	2.10	2.10	2.10	1.20	1.20	1.10	10%	80%
Weehawken Hudson	13	0	1	2.10	2.10	2.10	1.20	1.20	1.10	10%	80%
	9	0	1	2.10	2.10	2.10	1.20	1.20	1.10	10%	80%
	0	0	0	2.10	2.10	2.10	1.20	1.20	1.10	10%	80%
	433	0	1	2.10	2.10	2.10	1.20	1.20	1.10	10%	80%
9	0	0	0	2.28	2.28	2.28	1.00	1.00	1.00	10%	80%
Weehawken Central	0	0	0	2.28	2.28	2.28	1.00	1.00	1.00	10%	80%
	0	0	0	2.28	2.28	2.28	1.00	1.00	1.00	10%	80%
	0	0	0	2.28	2.28	2.28	1.00	1.00	1.00	10%	80%
	5,183	0	5	2.28	2.28	2.28	1.00	1.00	1.00	10%	80%
10	0	0	0	2.91	2.91	2.91	0.70	0.70	0.70	10%	80%
Union City	0	0	0	2.91	2.91	2.91	0.70	0.70	0.70	10%	80%
	0	0	0	2.91	2.91	2.91	0.70	0.70	0.70	10%	80%
	0	0	0	2.91	2.91	2.91	0.70	0.70	0.70	10%	80%
	22,362	13	72	2.91	2.91	2.91	0.70	0.70	0.70	10%	80%
11	42	0	1	1.71	1.71	1.71	1.10	1.10	1.10	10%	80%
West New York Hudson	15	0	0	1.71	1.71	1.71	1.10	1.10	1.10	10%	80%

	56	0	1	1.71	1.71	1.71	1.10	1.10	1.10	10%	80%
	0	0	0	1.71	1.71	1.71	1.10	1.10	1.10	10%	80%
	1,506	0	8	1.71	1.71	1.71	1.10	1.10	1.10	10%	80%
12	0	0	0	2.85	2.85	2.85	0.80	0.80	0.80	10%	80%
West New York Central	0	0	0	2.85	2.85	2.85	0.80	0.80	0.80	10%	80%
	0	0	0	2.85	2.85	2.85	0.80	0.80	0.80	10%	80%
	0	0	0	2.85	2.85	2.85	0.80	0.80	0.80	10%	80%
	15,100	7	85	2.85	2.85	2.85	0.80	0.80	0.80	10%	80%
13	0	0	0	2.30	2.30	2.30	1.00	1.00	1.00	10%	80%
Guttenberg Hudson	0	0	0	2.30	2.30	2.30	1.00	1.00	1.00	10%	80%
	1	0	0	2.30	2.30	2.30	1.00	1.00	1.00	10%	80%
	1	0	0	2.30	2.30	2.30	1.00	1.00	1.00	10%	80%
	5	0	0	2.30	2.30	2.30	1.00	1.00	1.00	10%	80%
14	0	0	0	2.38	2.38	2.38	0.90	0.90	0.90	10%	80%
Guttenberg Central	0	0	0	2.38	2.38	2.38	0.90	0.90	0.90	10%	80%
	0	0	0	2.38	2.38	2.38	0.90	0.90	0.90	10%	80%
	0	0	0	2.38	2.38	2.38	0.90	0.90	0.90	10%	80%
	4,505	0	30	2.38	2.38	2.38	0.90	0.90	0.90	10%	80%
15	51	0	1	1.58	1.58	1.58	1.00	1.00	1.00	10%	80%
North Bergen Hudson	10	0	0	1.58	1.58	1.58	1.00	1.00	1.00	10%	80%
	13	0	0	1.58	1.58	1.58	1.00	1.00	1.00	10%	80%
	2	0	0	1.58	1.58	1.58	1.00	1.00	1.00	10%	80%
	1,124	0	13	1.58	1.58	1.58	1.00	1.00	1.00	10%	80%
16	0	0	0	2.78	2.78	2.78	1.10	1.10	1.10	10%	80%
North Bergen Central	0	0	0	2.78	2.78	2.78	1.10	1.10	1.10	10%	80%
	0	0	0	2.78	2.78	2.78	1.10	1.10	1.10	10%	80%
	1	0	0	2.78	2.78	2.78	1.10	1.10	1.10	10%	80%
	20,405	123	66	2.78	2.78	2.78	1.10	1.10	1.10	10%	80%
17	1	0	0	3.28	3.28	3.28	1.10	1.10	1.10	10%	80%
North Bergen Bay	2	0	0	3.28	3.28	3.28	1.10	1.10	1.10	10%	80%
	9	1	0	3.28	3.28	3.28	1.10	1.10	1.10	10%	80%
	65	6	0	3.28	3.28	3.28	1.10	1.10	1.10	10%	80%
	110	9	0	3.28	3.28	3.28	1.10	1.10	1.10	10%	80%
18	971	0	9	2.41	2.41	2.41	1.40	1.40	1.10	10%	80%
Secaucus Town	886	1	17	2.41	2.41	2.41	1.40	1.40	1.10	10%	80%
	681	1	14	2.41	2.41	2.41	1.40	1.40	1.10	10%	80%
	2,946	18	18	2.41	2.41	2.41	1.40	1.40	1.10	10%	80%
	732	1	10	2.41	2.41	2.41	1.40	1.40	1.10	10%	80%
19	89	0	0	2.80	2.80	2.80	1.50	1.50	1.10	10%	80%
Kearny Town	56	0	0	2.80	2.80	2.80	1.50	1.50	1.10	10%	80%
	59	0	0	2.80	2.80	2.80	1.50	1.50	1.10	10%	80%
	949	0	0	2.80	2.80	2.80	1.50	1.50	1.10	10%	80%
	12,356	6	16	2.80	2.80	2.80	1.50	1.50	1.10	10%	80%
20	182	0	0	2.81	2.81	2.81	1.10	1.10	1.10	10%	80%
Harrison Town	93	0	0	2.81	2.81	2.81	1.10	1.10	1.10	10%	80%
	114	0	0	2.81	2.81	2.81	1.10	1.10	1.10	10%	80%
	1,612	0	0	2.81	2.81	2.81	1.10	1.10	1.10	10%	80%
	3,165	0	0	2.81	2.81	2.81	1.10	1.10	1.10	10%	80%
21	0	0	0	3.10	3.10	3.10	1.20	1.20	1.10	10%	80%
East Newark Boro	36	0	1	3.10	3.10	3.10	1.20	1.20	1.10	10%	80%
	131	0	3	3.10	3.10	3.10	1.20	1.20	1.10	10%	80%
	79	0	2	3.10	3.10	3.10	1.20	1.20	1.10	10%	80%
	521	0	3	3.10	3.10	3.10	1.20	1.20	1.10	10%	80%
SALEM EVACUATION AREAS	**Units**			**People**			**Vehicles**			**Tourists**	
	Permanent Occupied Units	Mobile Home Units	Seasonal Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1	0	0	0	2.74	2.74	2.74	2.00	2.00	1.56	10%	80%
OLDMANS TWP	2	0	0	2.74	2.74	2.74	2.00	2.00	1.56	10%	80%

	130	0	0	2.74	2.74	2.74	2.00	2.00	1.56	10%	80%
	135	0	0	2.74	2.74	2.74	2.00	2.00	1.56	10%	80%
	388	0	0	2.74	2.74	2.74	2.00	2.00	1.56	10%	80%
2	250	6	0	2.42	2.42	2.42	1.60	1.60	1.56	10%	80%
CARNEYS POINT TWP	231	0	0	2.42	2.42	2.42	1.60	1.60	1.56	10%	80%
	1,563	28	0	2.42	2.42	2.42	1.60	1.60	1.56	10%	80%
	683	40	2	2.42	2.42	2.42	1.60	1.60	1.56	10%	80%
	418	35	3	2.42	2.42	2.42	1.60	1.60	1.56	10%	80%
3	234	0	0	2.67	2.67	2.67	1.20	1.20	1.20	10%	80%
PENNS GROVE BORO	202	2	0	2.67	2.67	2.67	1.20	1.20	1.20	10%	80%
	1,325	17	0	2.67	2.67	2.67	1.20	1.20	1.20	10%	80%
	47	0	0	2.67	2.67	2.67	1.20	1.20	1.20	10%	80%
	0	0	0	2.67	2.67	2.67	1.20	1.20	1.20	10%	80%
4	1,894	59	0	2.47	2.47	2.47	1.80	1.80	1.56	10%	80%
PENNSVILLE TWP	1,756	40	0	2.47	2.47	2.47	1.80	1.80	1.56	10%	80%
	1,579	90	0	2.47	2.47	2.47	1.80	1.80	1.56	10%	80%
	106	7	0	2.47	2.47	2.47	1.80	1.80	1.56	10%	80%
	0	0	0	2.47	2.47	2.47	1.80	1.80	1.56	10%	80%
5	13	0	0	2.63	2.63	2.63	1.90	1.90	1.56	10%	80%
MANNINGTON TWP	48	0	0	2.63	2.63	2.63	1.90	1.90	1.56	10%	80%
	58	0	0	2.63	2.63	2.63	1.90	1.90	1.56	10%	80%
	100	0	0	2.63	2.63	2.63	1.90	1.90	1.56	10%	80%
	318	0	0	2.63	2.63	2.63	1.90	1.90	1.56	10%	80%
6	120	0	0	2.43	2.43	2.43	1.10	1.10	1.10	10%	80%
SALEM CITY	2,264	3	0	2.43	2.43	2.43	1.10	1.10	1.10	10%	80%
	0	0	0	2.43	2.43	2.43	1.10	1.10	1.10	10%	80%
	0	0	0	2.43	2.43	2.43	1.10	1.10	1.10	10%	80%
	0	0	0	2.43	2.43	2.43	1.10	1.10	1.10	10%	80%
7	227	0	14	2.33	2.33	2.33	1.80	1.80	1.56	10%	80%
ELSINBORO TWP	199	0	12	2.33	2.33	2.33	1.80	1.80	1.56	10%	80%
	38	0	3	2.33	2.33	2.33	1.80	1.80	1.56	10%	80%
	7	0	0	2.33	2.33	2.33	1.80	1.80	1.56	10%	80%
	0	0	0	2.33	2.33	2.33	1.80	1.80	1.56	10%	80%
8	128	0	1	2.67	2.67	2.67	2.00	2.00	1.56	10%	80%
LOWER ALLOWAYS CREEK TW	243	0	1	2.67	2.67	2.67	2.00	2.00	1.56	10%	80%
	98	0	1	2.67	2.67	2.67	2.00	2.00	1.56	10%	80%
	91	0	0	2.67	2.67	2.67	2.00	2.00	1.56	10%	80%
	133	0	0	2.67	2.67	2.67	2.00	2.00	1.56	10%	80%
9	6	0	0	2.56	2.56	2.56	1.90	1.90	1.56	10%	80%
QUINTON TWP	260	86	0	2.56	2.56	2.56	1.90	1.90	1.56	10%	80%
	111	24	0	2.56	2.56	2.56	1.90	1.90	1.56	10%	80%
	143	16	0	2.56	2.56	2.56	1.90	1.90	1.56	10%	80%
	564	6	0	2.56	2.56	2.56	1.90	1.90	1.56	10%	80%
10	0	0	0	2.80	2.80	2.80	2.10	2.10	1.56	10%	80%
ALLOWAY TWP	12	0	0	2.80	2.80	2.80	2.10	2.10	1.56	10%	80%
	6	0	0	2.80	2.80	2.80	2.10	2.10	1.56	10%	80%
	25	0	0	2.80	2.80	2.80	2.10	2.10	1.56	10%	80%
	884	0	0	2.80	2.80	2.80	2.10	2.10	1.56	10%	80%
11	1	0	0	2.91	2.91	2.91	2.10	2.10	1.56	10%	80%
PILESGROVE TWP	0	0	0	2.91	2.91	2.91	2.10	2.10	1.56	10%	80%
	6	0	0	2.91	2.91	2.91	2.10	2.10	1.56	10%	80%
	27	0	0	2.91	2.91	2.91	2.10	2.10	1.56	10%	80%
	1,163	2	3	2.91	2.91	2.91	2.10	2.10	1.56	10%	80%
12	0	0	0	2.39	2.39	2.39	1.60	1.60	1.56	10%	80%
WOODSTOWN BORO	0	0	0	2.39	2.39	2.39	1.60	1.60	1.56	10%	80%
	0	0	0	2.39	2.39	2.39	1.60	1.60	1.56	10%	80%
	3	0	0	2.39	2.39	2.39	1.60	1.60	1.56	10%	80%
	1,276	0	0	2.39	2.39	2.39	1.60	1.60	1.56	10%	80%
13	0	0	0	2.80	2.80	2.80	2.10	2.10	1.56	10%	80%

UPPER PITTSGROVE TWP	0	0	0	2.80	2.80	2.80	2.10	2.10	1.56	10%	80%
	0	0	0	2.80	2.80	2.80	2.10	2.10	1.56	10%	80%
	0	0	0	2.80	2.80	2.80	2.10	2.10	1.56	10%	80%
	1,189	128	1	2.80	2.80	2.80	2.10	2.10	1.56	10%	80%
14	0	0	0	2.61	2.61	2.61	1.80	1.80	1.56	10%	80%
ELMER BORO	0	0	0	2.61	2.61	2.61	1.80	1.80	1.56	10%	80%
	0	0	0	2.61	2.61	2.61	1.80	1.80	1.56	10%	80%
	0	0	0	2.61	2.61	2.61	1.80	1.80	1.56	10%	80%
	488	6	0	2.61	2.61	2.61	1.80	1.80	1.56	10%	80%
15	0	0	0	2.90	2.90	2.90	2.00	2.00	1.56	10%	80%
PITTSGROVE TWP	0	0	0	2.90	2.90	2.90	2.00	2.00	1.56	10%	80%
	0	0	0	2.90	2.90	2.90	2.00	2.00	1.56	10%	80%
	0	0	0	2.90	2.90	2.90	2.00	2.00	1.56	10%	80%
	2,997	474	7	2.90	2.90	2.90	2.00	2.00	1.56	10%	80%
UNION EVACUATION AREAS	Units			People			Vehicles			Tourists	
	Permanent Occupied Units	Mobile Home Units	Seasonal Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1	0	0	0	2.90	2.90	2.90	2.00	2.00	1.10	10%	80%
BERKELEY HEIGHTS TWP	0	0	0	2.90	2.90	2.90	2.00	2.00	1.10	10%	80%
	0	0	0	2.90	2.90	2.90	2.00	2.00	1.10	10%	80%
	0	0	0	2.90	2.90	2.90	2.00	2.00	1.10	10%	80%
	3,828	0	33	2.90	2.90	2.90	2.00	2.00	1.10	10%	80%
2	0	0	0	2.60	2.60	2.60	1.90	1.90	1.10	10%	80%
CLARK TWP	0	0	0	2.60	2.60	2.60	1.90	1.90	1.10	10%	80%
	0	0	0	2.60	2.60	2.60	1.90	1.90	1.10	10%	80%
	0	0	0	2.60	2.60	2.60	1.90	1.90	1.10	10%	80%
	5,303	11	13	2.60	2.60	2.60	1.90	1.90	1.10	10%	80%
3	0	0	0	2.60	2.60	2.60	1.90	1.90	1.10	10%	80%
CRANFORD TWP	0	0	0	2.60	2.60	2.60	1.90	1.90	1.10	10%	80%
	0	0	0	2.60	2.60	2.60	1.90	1.90	1.10	10%	80%
	0	0	0	2.60	2.60	2.60	1.90	1.90	1.10	10%	80%
	6,449	2	19	2.60	2.60	2.60	1.90	1.90	1.10	10%	80%
4	1,551	1	0	2.90	2.90	2.90	1.20	1.20	1.10	10%	80%
ELIZABETH CITY	951	1	0	2.90	2.90	2.90	1.20	1.20	1.10	10%	80%
	1,696	1	0	2.90	2.90	2.90	1.20	1.20	1.10	10%	80%
	7,861	10	20	2.90	2.90	2.90	1.20	1.20	1.10	10%	80%
	28,357	20	113	2.90	2.90	2.90	1.20	1.20	1.10	10%	80%
5	0	0	0	2.80	2.80	2.80	2.00	2.00	1.10	10%	80%
FANWOOD BORO	0	0	0	2.80	2.80	2.80	2.00	2.00	1.10	10%	80%
	0	0	0	2.80	2.80	2.80	2.00	2.00	1.10	10%	80%
	0	0	0	2.80	2.80	2.80	2.00	2.00	1.10	10%	80%
	2,574	0	0	2.80	2.80	2.80	2.00	2.00	1.10	10%	80%
6	0	0	0	2.40	2.40	2.40	1.70	1.70	1.10	10%	80%
GARWOOD BORO	0	0	0	2.40	2.40	2.40	1.70	1.70	1.10	10%	80%
	0	0	0	2.40	2.40	2.40	1.70	1.70	1.10	10%	80%
	0	0	0	2.40	2.40	2.40	1.70	1.70	1.10	10%	80%
	1,503	0	3	2.40	2.40	2.40	1.70	1.70	1.10	10%	80%
7	0	0	0	3.00	3.00	3.00	1.70	1.70	1.10	10%	80%
HILLSIDE TWP	0	0	0	3.00	3.00	3.00	1.70	1.70	1.10	10%	80%
	0	0	0	3.00	3.00	3.00	1.70	1.70	1.10	10%	80%
	0	0	0	3.00	3.00	3.00	1.70	1.70	1.10	10%	80%
	6,838	9	16	3.00	3.00	3.00	1.70	1.70	1.10	10%	80%
8	0	0	0	2.70	2.70	2.70	1.90	1.90	1.10	10%	80%
KENILWORTH BORO	0	0	0	2.70	2.70	2.70	1.90	1.90	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.90	1.90	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.90	1.90	1.10	10%	80%
	2,488	8	12	2.70	2.70	2.70	1.90	1.90	1.10	10%	80%
9	451	0	4	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%

LINDEN CITY	360	0	4	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
	412	0	5	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
	2,972	22	9	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
	10,697	22	2	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
10	0	0	0	2.60	2.60	2.60	2.00	2.00	1.10	10%	80%
MOUNTAINSIDE BORO	0	0	0	2.60	2.60	2.60	2.00	2.00	1.10	10%	80%
	0	0	0	2.60	2.60	2.60	2.00	2.00	1.10	10%	80%
	0	0	0	2.60	2.60	2.60	2.00	2.00	1.10	10%	80%
	2,364	0	0	2.60	2.60	2.60	2.00	2.00	1.10	10%	80%
11	0	0	0	2.70	2.70	2.70	1.80	1.80	1.10	10%	80%
NEW PROVIDENCE BORO	0	0	0	2.70	2.70	2.70	1.80	1.80	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.80	1.80	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.80	1.80	1.10	10%	80%
	4,238	0	6	2.70	2.70	2.70	1.80	1.80	1.10	10%	80%
12	0	0	0	3.10	3.10	3.10	1.50	1.50	1.10	10%	80%
PLAINFIELD CITY	0	0	0	3.10	3.10	3.10	1.50	1.50	1.10	10%	80%
	0	0	0	3.10	3.10	3.10	1.50	1.50	1.10	10%	80%
	0	0	0	3.10	3.10	3.10	1.50	1.50	1.10	10%	80%
	11,599	25	20	3.10	3.10	3.10	1.50	1.50	1.10	10%	80%
13	1,693	0	2	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
RAHWAY CITY	403	0	1	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
	685	0	2	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
	2,609	1	6	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
	4,556	10	14	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
14	0	0	0	2.80	2.80	2.80	1.50	1.50	1.10	10%	80%
ROSELLE BORO	0	0	0	2.80	2.80	2.80	1.50	1.50	1.10	10%	80%
	0	0	0	2.80	2.80	2.80	1.50	1.50	1.10	10%	80%
	0	0	0	2.80	2.80	2.80	1.50	1.50	1.10	10%	80%
	6,226	0	7	2.80	2.80	2.80	1.50	1.50	1.10	10%	80%
15	0	0	0	2.60	2.60	2.60	1.60	1.60	1.10	10%	80%
ROSELLE PARK BORO	0	0	0	2.60	2.60	2.60	1.60	1.60	1.10	10%	80%
	0	0	0	2.60	2.60	2.60	1.60	1.60	1.10	10%	80%
	0	0	0	2.60	2.60	2.60	1.60	1.60	1.10	10%	80%
	4,456	0	9	2.60	2.60	2.60	1.60	1.60	1.10	10%	80%
16	0	0	0	2.70	2.70	2.70	1.90	1.90	1.10	10%	80%
SCOTCH PLAINS TWP	0	0	0	2.70	2.70	2.70	1.90	1.90	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.90	1.90	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.90	1.90	1.10	10%	80%
	6,925	6	30	2.70	2.70	2.70	1.90	1.90	1.10	10%	80%
17	0	0	0	2.40	2.40	2.40	1.70	1.70	1.10	10%	80%
SPRINGFIELD TWP	0	0	0	2.40	2.40	2.40	1.70	1.70	1.10	10%	80%
	0	0	0	2.40	2.40	2.40	1.70	1.70	1.10	10%	80%
	0	0	0	2.40	2.40	2.40	1.70	1.70	1.10	10%	80%
	5,043	0	29	2.40	2.40	2.40	1.70	1.70	1.10	10%	80%
18	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
SUMMIT CITY	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
	7,757	9	24	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
19	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
UNION TWP	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
	17,689	69	63	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
20	0	0	0	2.80	2.80	2.80	1.90	1.90	1.10	10%	80%
WESTFIELD TOWN	0	0	0	2.80	2.80	2.80	1.90	1.90	1.10	10%	80%
	0	0	0	2.80	2.80	2.80	1.90	1.90	1.10	10%	80%
	0	0	0	2.80	2.80	2.80	1.90	1.90	1.10	10%	80%
	10,580	7	52	2.80	2.80	2.80	1.90	1.90	1.10	10%	80%

21	0	0	0	2.20	2.20	2.20	1.40	1.40	1.10	10%	80%
WINFIELD TWP	0	0	0	2.20	2.20	2.20	1.40	1.40	1.10	10%	80%
	0	0	0	2.20	2.20	2.20	1.40	1.40	1.10	10%	80%
	0	0	0	2.20	2.20	2.20	1.40	1.40	1.10	10%	80%
	694	0	0	2.20	2.20	2.20	1.40	1.40	1.10	10%	80%
ESSEX EVACUATION AREAS	**Units**			**People**			**Vehicles**			**Tourists**	
	Permanent Occupied Units	Mobile Home Units	Seasonal Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1	142	0	0	2.85	2.85	2.85	1.00	1.00	1.00	10%	80%
NEWARK 1	6,603	28	4	2.85	2.85	2.85	1.00	1.00	1.00	10%	80%
	3,658	5	5	2.85	2.85	2.85	1.00	1.00	1.00	10%	80%
	6,207	2	4	2.85	2.85	2.85	1.00	1.00	1.00	10%	80%
	1,058	1	0	2.85	2.85	2.85	1.00	1.00	1.00	10%	80%
2	0	0	0	2.83	2.83	2.83	0.80	0.80	0.80	10%	80%
NEWARK 2	46	0	0	2.83	2.83	2.83	0.80	0.80	0.80	10%	80%
	14	0	0	2.83	2.83	2.83	0.80	0.80	0.80	10%	80%
	591	0	0	2.83	2.83	2.83	0.80	0.80	0.80	10%	80%
	61,318	69	161	2.83	2.83	2.83	0.80	0.80	0.80	10%	80%
3	0	0	0	2.98	2.98	2.98	1.10	1.10	1.10	10%	80%
NEWARK 3	0	0	0	2.98	2.98	2.98	1.10	1.10	1.10	10%	80%
	0	0	0	2.98	2.98	2.98	1.10	1.10	1.10	10%	80%
	0	0	0	2.98	2.98	2.98	1.10	1.10	1.10	10%	80%
	11,350	11	0	2.98	2.98	2.98	1.10	1.10	1.10	10%	80%
4	0	0	0	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
BELLEVILLE	378	0	1	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
	153	0	2	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
	242	0	2	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
	12,696	10	28	2.60	2.60	2.60	1.50	1.50	1.10	10%	80%
5	0	0	0	2.51	2.51	2.51	1.60	1.60	1.10	10%	80%
NUTLEY TWP	167	0	0	2.51	2.51	2.51	1.60	1.60	1.10	10%	80%
	59	0	0	2.51	2.51	2.51	1.60	1.60	1.10	10%	80%
	134	0	0	2.51	2.51	2.51	1.60	1.60	1.10	10%	80%
	9,869	0	13	2.51	2.51	2.51	1.60	1.60	1.10	10%	80%
6	0	0	0	2.48	2.48	2.48	1.50	1.50	1.10	10%	80%
BLOOMFIELD	0	0	0	2.48	2.48	2.48	1.50	1.50	1.10	10%	80%
	0	0	0	2.48	2.48	2.48	1.50	1.50	1.10	10%	80%
	0	0	0	2.48	2.48	2.48	1.50	1.50	1.10	10%	80%
	17,611	10	23	2.48	2.48	2.48	1.50	1.50	1.10	10%	80%
7	0	0	0	2.95	2.95	2.95	1.90	1.90	1.10	10%	80%
GLEN RIDGE BORO	0	0	0	2.95	2.95	2.95	1.90	1.90	1.10	10%	80%
	0	0	0	2.95	2.95	2.95	1.90	1.90	1.10	10%	80%
	0	0	0	2.95	2.95	2.95	1.90	1.90	1.10	10%	80%
	2,420	0	5	2.95	2.95	2.95	1.90	1.90	1.10	10%	80%
8	0	0	0	2.64	2.64	2.64	0.90	0.90	0.90	10%	80%
EAST ORANGE CITY	0	0	0	2.64	2.64	2.64	0.90	0.90	0.90	10%	80%
	0	0	0	2.64	2.64	2.64	0.90	0.90	0.90	10%	80%
	0	0	0	2.64	2.64	2.64	0.90	0.90	0.90	10%	80%
	25,797	21	69	2.64	2.64	2.64	0.90	0.90	0.90	10%	80%
9	0	0	0	2.73	2.73	2.73	1.00	1.00	1.00	10%	80%
CITY OF ORANGE TWP	0	0	0	2.73	2.73	2.73	1.00	1.00	1.00	10%	80%
	0	0	0	2.73	2.73	2.73	1.00	1.00	1.00	10%	80%
	0	0	0	2.73	2.73	2.73	1.00	1.00	1.00	10%	80%
	10,724	0	46	2.73	2.73	2.73	1.00	1.00	1.00	10%	80%
10	0	0	0	2.74	2.74	2.74	1.10	1.10	1.10	10%	80%
IRVINGTON TWP	0	0	0	2.74	2.74	2.74	1.10	1.10	1.10	10%	80%
	0	0	0	2.74	2.74	2.74	1.10	1.10	1.10	10%	80%
	0	0	0	2.74	2.74	2.74	1.10	1.10	1.10	10%	80%
	21,514	0	44	2.74	2.74	2.74	1.10	1.10	1.10	10%	80%

11	0	0	0	2.82	2.82	2.82	1.60	1.60	1.10	10%	80%
MAPLEWOOD TWP	0	0	0	2.82	2.82	2.82	1.60	1.60	1.10	10%	80%
	0	0	0	2.82	2.82	2.82	1.60	1.60	1.10	10%	80%
	0	0	0	2.82	2.82	2.82	1.60	1.60	1.10	10%	80%
	8,241	0	3	2.82	2.82	2.82	1.60	1.60	1.10	10%	80%
12	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
SOUTH ORANGE VILLAGE TWP	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
	0	0	0	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
	5,409	13	30	2.70	2.70	2.70	1.70	1.70	1.10	10%	80%
13	0	0	0	2.66	2.66	2.66	1.70	1.70	1.10	10%	80%
WEST ORANGE TWP	0	0	0	2.66	2.66	2.66	1.70	1.70	1.10	10%	80%
	0	0	0	2.66	2.66	2.66	1.70	1.70	1.10	10%	80%
	0	0	0	2.66	2.66	2.66	1.70	1.70	1.10	10%	80%
	15,601	6	87	2.66	2.66	2.66	1.70	1.70	1.10	10%	80%
14	0	0	0	2.53	2.53	2.53	1.50	1.50	1.10	10%	80%
MONTCLAIR TWP	0	0	0	2.53	2.53	2.53	1.50	1.50	1.10	10%	80%
	0	0	0	2.53	2.53	2.53	1.50	1.50	1.10	10%	80%
	0	0	0	2.53	2.53	2.53	1.50	1.50	1.10	10%	80%
	14,276	5	43	2.53	2.53	2.53	1.50	1.50	1.10	10%	80%
15	0	0	0	2.42	2.42	2.42	1.60	1.60	1.10	10%	80%
VERONA TWP	0	0	0	2.42	2.42	2.42	1.60	1.60	1.10	10%	80%
	0	0	0	2.42	2.42	2.42	1.60	1.60	1.10	10%	80%
	0	0	0	2.42	2.42	2.42	1.60	1.60	1.10	10%	80%
	5,480	0	66	2.42	2.42	2.42	1.60	1.60	1.10	10%	80%
16	0	0	0	2.57	2.57	2.57	1.80	1.80	1.10	10%	80%
CEDAR GROV	0	0	0	2.57	2.57	2.57	1.80	1.80	1.10	10%	80%
	0	0	0	2.57	2.57	2.57	1.80	1.80	1.10	10%	80%
	0	0	0	2.57	2.57	2.57	1.80	1.80	1.10	10%	80%
	4,364	0	0	2.57	2.57	2.57	1.80	1.80	1.10	10%	80%
17	0	0	0	3.02	3.02	3.02	2.30	2.30	1.10	10%	80%
NORTH CALDWELL BORO	0	0	0	3.02	3.02	3.02	2.30	2.30	1.10	10%	80%
	0	0	0	3.02	3.02	3.02	2.30	2.30	1.10	10%	80%
	0	0	0	3.02	3.02	3.02	2.30	2.30	1.10	10%	80%
	2,046	0	20	3.02	3.02	3.02	2.30	2.30	1.10	10%	80%
18	0	0	0	3.04	3.04	3.04	2.30	2.30	1.10	10%	80%
FAIRFIELD TWP	0	0	0	3.04	3.04	3.04	2.30	2.30	1.10	10%	80%
	0	0	0	3.04	3.04	3.04	2.30	2.30	1.10	10%	80%
	0	0	0	3.04	3.04	3.04	2.30	2.30	1.10	10%	80%
	582	4	0	3.04	3.04	3.04	2.30	2.30	1.10	10%	80%
19	0	0	0	2.74	2.74	2.74	2.10	2.10	1.10	10%	80%
WEST CALDWELL TWP	0	0	0	2.74	2.74	2.74	2.10	2.10	1.10	10%	80%
	0	0	0	2.74	2.74	2.74	2.10	2.10	1.10	10%	80%
	0	0	0	2.74	2.74	2.74	2.10	2.10	1.10	10%	80%
	3,768	0	5	2.74	2.74	2.74	2.10	2.10	1.10	10%	80%
20	0	0	0	2.16	2.16	2.16	1.40	1.40	1.10	10%	80%
CALDWELL	0	0	0	2.16	2.16	2.16	1.40	1.40	1.10	10%	80%
	0	0	0	2.16	2.16	2.16	1.40	1.40	1.10	10%	80%
	0	0	0	2.16	2.16	2.16	1.40	1.40	1.10	10%	80%
	3,306	0	12	2.16	2.16	2.16	1.40	1.40	1.10	10%	80%
21	0	0	0	2.98	2.98	2.98	2.20	2.20	1.10	10%	80%
ESSEX FELLS TWP	0	0	0	2.98	2.98	2.98	2.20	2.20	1.10	10%	80%
	0	0	0	2.98	2.98	2.98	2.20	2.20	1.10	10%	80%
	0	0	0	2.98	2.98	2.98	2.20	2.20	1.10	10%	80%
	760	0	0	2.98	2.98	2.98	2.20	2.20	1.10	10%	80%
22	0	0	0	2.48	2.48	2.48	1.90	1.90	1.10	10%	80%
ROSELAND BORO	0	0	0	2.48	2.48	2.48	1.90	1.90	1.10	10%	80%
	0	0	0	2.48	2.48	2.48	1.90	1.90	1.10	10%	80%
	0	0	0	2.48	2.48	2.48	1.90	1.90	1.10	10%	80%

	2,046	0	28	2.48	2.48	2.48	1.90	1.90	1.10	10%	80%
23	0	0	0	2.93	2.93	2.93	2.10	2.10	1.10	10%	80%
LIVINGSTON TWP	0	0	0	2.93	2.93	2.93	2.10	2.10	1.10	10%	80%
	0	0	0	2.93	2.93	2.93	2.10	2.10	1.10	10%	80%
	0	0	0	2.93	2.93	2.93	2.10	2.10	1.10	10%	80%
	8,810	23	42	2.93	2.93	2.93	2.10	2.10	1.10	10%	80%
24	0	0	0	2.82	2.82	2.82	1.90	1.90	1.10	10%	80%
MILLBURN TWP	0	0	0	2.82	2.82	2.82	1.90	1.90	1.10	10%	80%
	0	0	0	2.82	2.82	2.82	1.90	1.90	1.10	10%	80%
	0	0	0	2.82	2.82	2.82	1.90	1.90	1.10	10%	80%
	6,376	8	35	2.82	2.82	2.82	1.90	1.90	1.10	10%	80%
MIDDLESEX EVACUATION AREAS	**Units**			**People**			**Vehicles**			**Tourists**	
	Permanent Occupied Units	Mobile Home Units	Seasonal Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1	189	0	0	2.88	2.88	2.88	1.60	1.60	1.10	10%	80%
CARTERET BORO	288	1	0	2.88	2.88	2.88	1.60	1.60	1.10	10%	80%
	929	24	1	2.88	2.88	2.88	1.60	1.60	1.10	10%	80%
	2,741	129	7	2.88	2.88	2.88	1.60	1.60	1.10	10%	80%
	2,890	145	4	2.88	2.88	2.88	1.60	1.60	1.10	10%	80%
2	225	1	0	2.71	2.71	2.71	1.80	1.80	1.10	10%	80%
WOODBRIDGE TWP	605	3	0	2.71	2.71	2.71	1.80	1.80	1.10	10%	80%
	3,098	217	33	2.71	2.71	2.71	1.80	1.80	1.10	10%	80%
	1,517	69	17	2.71	2.71	2.71	1.80	1.80	1.10	10%	80%
	28,933	110	115	2.71	2.71	2.71	1.80	1.80	1.10	10%	80%
3	62	0	1	3.20	3.20	3.20	1.20	1.20	1.10	10%	80%
PERTH AMBOY CITY	426	0	3	3.20	3.20	3.20	1.20	1.20	1.10	10%	80%
	392	0	1	3.20	3.20	3.20	1.20	1.20	1.10	10%	80%
	820	0	1	3.20	3.20	3.20	1.20	1.20	1.10	10%	80%
	12,862	8	48	3.20	3.20	3.20	1.20	1.20	1.10	10%	80%
4	103	0	1	2.65	2.65	2.65	1.60	1.60	1.10	10%	80%
SOUTH AMBOY CITY	151	0	1	2.65	2.65	2.65	1.60	1.60	1.10	10%	80%
	85	0	1	2.65	2.65	2.65	1.60	1.60	1.10	10%	80%
	91	0	2	2.65	2.65	2.65	1.60	1.60	1.10	10%	80%
	2,380	0	20	2.65	2.65	2.65	1.60	1.60	1.10	10%	80%
5	223	1	0	2.68	2.68	2.68	1.70	1.70	1.10	10%	80%
SAYREVILLE BORO	1,861	2	5	2.68	2.68	2.68	1.70	1.70	1.10	10%	80%
	620	3	0	2.68	2.68	2.68	1.70	1.70	1.10	10%	80%
	839	4	2	2.68	2.68	2.68	1.70	1.70	1.10	10%	80%
	11,533	8	16	2.68	2.68	2.68	1.70	1.70	1.10	10%	80%
6	174	0	0	2.80	2.80	2.80	1.80	1.80	1.10	10%	80%
OLD BRIDGE TWP	183	0	0	2.80	2.80	2.80	1.80	1.80	1.10	10%	80%
	645	0	1	2.80	2.80	2.80	1.80	1.80	1.10	10%	80%
	1,542	0	0	2.80	2.80	2.80	1.80	1.80	1.10	10%	80%
	18,899	22	24	2.80	2.80	2.80	1.80	1.80	1.10	10%	80%
7	0	0	0	2.57	2.57	2.57	1.70	1.70	1.10	10%	80%
METUCHEN BORO	0	0	0	2.57	2.57	2.57	1.70	1.70	1.10	10%	80%
	0	0	0	2.57	2.57	2.57	1.70	1.70	1.10	10%	80%
	0	0	0	2.57	2.57	2.57	1.70	1.70	1.10	10%	80%
	4,978	0	7	2.57	2.57	2.57	1.70	1.70	1.10	10%	80%
8	170	0	0	2.72	2.72	2.72	1.70	1.70	1.10	10%	80%
EDISON TWP	10	0	0	2.72	2.72	2.72	1.70	1.70	1.10	10%	80%
	5	0	0	2.72	2.72	2.72	1.70	1.70	1.10	10%	80%
	8	0	0	2.72	2.72	2.72	1.70	1.70	1.10	10%	80%
	34,618	209	52	2.72	2.72	2.72	1.70	1.70	1.10	10%	80%
9	0	0	0	2.84	2.84	2.84	1.90	1.90	1.10	10%	80%
EAST BRUNSWICK TWP	65	0	0	2.84	2.84	2.84	1.90	1.90	1.10	10%	80%
	56	0	0	2.84	2.84	2.84	1.90	1.90	1.10	10%	80%
	130	0	0	2.84	2.84	2.84	1.90	1.90	1.10	10%	80%

	16,137	44	28	2.84	2.84	2.84	1.90	1.90	1.10	10%	80%
10	8	0	0	2.72	2.72	2.72	1.80	1.80	1.10	10%	80%
SOUTH RIVER BORO	489	7	0	2.72	2.72	2.72	1.80	1.80	1.10	10%	80%
	912	9	0	2.72	2.72	2.72	1.80	1.80	1.10	10%	80%
	897	5	0	2.72	2.72	2.72	1.80	1.80	1.10	10%	80%
	3,253	8	0	2.72	2.72	2.72	1.80	1.80	1.10	10%	80%
11	6	0	0	2.53	2.53	2.53	1.80	1.80	1.10	10%	80%
SPOTSWOOD BORO	30	0	0	2.53	2.53	2.53	1.80	1.80	1.10	10%	80%
	45	0	0	2.53	2.53	2.53	1.80	1.80	1.10	10%	80%
	408	7	0	2.53	2.53	2.53	1.80	1.80	1.10	10%	80%
	2,560	350	0	2.53	2.53	2.53	1.80	1.80	1.10	10%	80%
12	0	0	0	2.44	2.44	2.44	1.80	1.80	1.10	10%	80%
HELMETTA BORO	0	0	0	2.44	2.44	2.44	1.80	1.80	1.10	10%	80%
	0	0	0	2.44	2.44	2.44	1.80	1.80	1.10	10%	80%
	1	0	0	2.44	2.44	2.44	1.80	1.80	1.10	10%	80%
	742	0	0	2.44	2.44	2.44	1.80	1.80	1.10	10%	80%
13	0	0	0	2.16	2.16	2.16	1.60	1.60	1.10	10%	80%
MONROE TWP	0	0	0	2.16	2.16	2.16	1.60	1.60	1.10	10%	80%
	3	0	0	2.16	2.16	2.16	1.60	1.60	1.10	10%	80%
	163	0	0	2.16	2.16	2.16	1.60	1.60	1.10	10%	80%
	12,442	7	453	2.16	2.16	2.16	1.60	1.60	1.10	10%	80%
14	0	0	0	2.69	2.69	2.69	1.60	1.60	1.10	10%	80%
JAMESBURG BORO	0	0	0	2.69	2.69	2.69	1.60	1.60	1.10	10%	80%
	0	0	0	2.69	2.69	2.69	1.60	1.60	1.10	10%	80%
	0	0	0	2.69	2.69	2.69	1.60	1.60	1.10	10%	80%
	2,100	0	0	2.69	2.69	2.69	1.60	1.60	1.10	10%	80%
15	0	0	0	3.01	3.01	3.01	2.00	2.00	1.10	10%	80%
SOUTH PLAINFIELD BORO	0	0	0	3.01	3.01	3.01	2.00	2.00	1.10	10%	80%
	0	0	0	3.01	3.01	3.01	2.00	2.00	1.10	10%	80%
	0	0	0	3.01	3.01	3.01	2.00	2.00	1.10	10%	80%
	7,149	0	0	3.01	3.01	3.01	2.00	2.00	1.10	10%	80%
16	0	0	0	2.84	2.84	2.84	2.00	2.00	1.10	10%	80%
PISCATAWAY TWP	4	0	0	2.84	2.84	2.84	2.00	2.00	1.10	10%	80%
	23	0	0	2.84	2.84	2.84	2.00	2.00	1.10	10%	80%
	452	0	3	2.84	2.84	2.84	2.00	2.00	1.10	10%	80%
	16,020	17	29	2.84	2.84	2.84	2.00	2.00	1.10	10%	80%
17	22	0	0	2.38	2.38	2.38	1.50	1.50	1.10	10%	80%
HIGHLAND PARK BORO	54	0	1	2.38	2.38	2.38	1.50	1.50	1.10	10%	80%
	55	0	1	2.38	2.38	2.38	1.50	1.50	1.10	10%	80%
	145	0	1	2.38	2.38	2.38	1.50	1.50	1.10	10%	80%
	5,594	0	64	2.38	2.38	2.38	1.50	1.50	1.10	10%	80%
18	7	0	0	3.23	3.23	3.23	1.40	1.40	1.10	10%	80%
NEW BRUNSWICK CITY	119	0	5	3.23	3.23	3.23	1.40	1.40	1.10	10%	80%
	391	0	23	3.23	3.23	3.23	1.40	1.40	1.10	10%	80%
	297	0	2	3.23	3.23	3.23	1.40	1.40	1.10	10%	80%
	12,121	0	19	3.23	3.23	3.23	1.40	1.40	1.10	10%	80%
19	0	0	0	2.58	2.58	2.58	1.70	1.70	1.10	10%	80%
NORTH BRUNSWICK TWP	0	0	0	2.58	2.58	2.58	1.70	1.70	1.10	10%	80%
	0	0	0	2.58	2.58	2.58	1.70	1.70	1.10	10%	80%
	1	0	0	2.58	2.58	2.58	1.70	1.70	1.10	10%	80%
	13,585	477	34	2.58	2.58	2.58	1.70	1.70	1.10	10%	80%
20	0	0	0	2.66	2.66	2.66	1.80	1.80	1.10	10%	80%
MILLTOWN BORO	0	0	0	2.66	2.66	2.66	1.80	1.80	1.10	10%	80%
	0	0	0	2.66	2.66	2.66	1.80	1.80	1.10	10%	80%
	42	0	0	2.66	2.66	2.66	1.80	1.80	1.10	10%	80%
	2,583	0	0	2.66	2.66	2.66	1.80	1.80	1.10	10%	80%
21	0	0	0	2.80	2.80	2.80	1.90	1.90	1.10	10%	80%
SOUTH BRUNSWICK TWP	0	0	0	2.80	2.80	2.80	1.90	1.90	1.10	10%	80%
	0	0	0	2.80	2.80	2.80	1.90	1.90	1.10	10%	80%

	0	0	0	2.80	2.80	2.80	1.90	1.90	1.10	10%	80%
	13,411	456	28	2.80	2.80	2.80	1.90	1.90	1.10	10%	80%
22	0	0	0	2.92	2.92	2.92	2.10	2.10	1.10	10%	80%
CRANBURY TWP	0	0	0	2.92	2.92	2.92	2.10	2.10	1.10	10%	80%
	0	0	0	2.92	2.92	2.92	2.10	2.10	1.10	10%	80%
	0	0	0	2.92	2.92	2.92	2.10	2.10	1.10	10%	80%
	1,091	0	0	2.92	2.92	2.92	2.10	2.10	1.10	10%	80%
23	0	0	0	2.30	2.30	2.30	1.60	1.60	1.10	10%	80%
PLAINSBORO TWP	0	0	0	2.30	2.30	2.30	1.60	1.60	1.10	10%	80%
	0	0	0	2.30	2.30	2.30	1.60	1.60	1.10	10%	80%
	0	0	0	2.30	2.30	2.30	1.60	1.60	1.10	10%	80%
	8,742	0	72	2.30	2.30	2.30	1.60	1.60	1.10	10%	80%
24	0	0	0	2.75	2.75	2.75	1.80	1.80	1.10	10%	80%
DUNELLEN BORO	0	0	0	2.75	2.75	2.75	1.80	1.80	1.10	10%	80%
	0	0	0	2.75	2.75	2.75	1.80	1.80	1.10	10%	80%
	0	0	0	2.75	2.75	2.75	1.80	1.80	1.10	10%	80%
	2,442	0	8	2.75	2.75	2.75	1.80	1.80	1.10	10%	80%
25	0	0	0	2.71	2.71	2.71	1.90	1.90	1.10	10%	80%
MIDDLESEX BORO	0	0	0	2.71	2.71	2.71	1.90	1.90	1.10	10%	80%
	0	0	0	2.71	2.71	2.71	1.90	1.90	1.10	10%	80%
	0	0	0	2.71	2.71	2.71	1.90	1.90	1.10	10%	80%
	5,044	0	0	2.71	2.71	2.71	1.90	1.90	1.10	10%	80%
TOTALS AND AVERAGES	**965,300**	**1,846**	**2,314**								

HUDSON TOTALS AND AVERAGES	**230,551**	**327**	**970**								
SALEM TOTALS AND AVERAGES	**24,189**	**1,069**	**48**								
UNION TOTALS AND AVERAGES	**171,808**	**234**	**518**								
ESSEX TOTALS AND AVERAGES	**273,816**	**216**	**778**								
MIDDLESEX TOTALS AND AVERAGES	**264,936**	**2,343**	**1,134**								

Appendix D

Behavioral Assumptions for Hurricane Evacuation Planning in the Delmarva Peninsula

Prepared by

EARL J. BAKER, PH. D.
HAZARDS MANAGEMENT GROUP, INC.
TALLAHASSEE, FL

For

U.S. Army Corps of Engineers
Philadelphia District

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Introduction

Hurricane evacuation outcomes depend upon many factors, including how the public responds to the threat. The public responses having the greatest impact upon an evacuation are:

1. The number of households which evacuate.
2. How promptly evacuees leave.
3. The number of evacuees who seek refuge in public shelters.
4. The number of evacuees who leave or attempt to leave the local area and where they go.
5. The number of vehicles used.

Deriving Correct Assumptions

There are at least three basic ways to derive behavioral assumptions:

1. Conduct interviews with people in a large number of locations asking what they did in multiple hurricane threats, documenting patterns of behavior under various conditions (general response model).
2. Conduct interviews asking people what they did in one particular evacuation (single event survey).
3. Conduct interviews asking people what they would do during a hurricane threat (intended response survey).

An Integrated Approach

Building a Quantitative General Response Model. A response model can be constructed to indicate quantitative values of specific responses, given a set of circumstances which the planner specifies. For each of the behaviors to be anticipated, the model predicts a value, depending upon specific situations and circumstances of interest. The extent of shadow evacuation in hurricanes, for example, can be forecast by specifying the severity of the storm, hazardousness of the neighborhood, vulnerability perceptions of the public, and actions taken by public officials.

The model is simply a set of empirical patterns observed in actual evacuations in many locations under a variety of circumstances. This is the way science is conducted, and this is the heart of the approach used in this analysis in formulating behavioral assumptions for hurricane evacuation planning for the Delmarva Peninsula.

A concern sometimes expressed about the general response model is that it is based upon responses of people in "other places" and that "our people are different."

Actually the strength of the general model is that it accounts for differences in responses as they vary due to demographic characteristics of the population, actions by emergency management personnel, physical hazardousness of the study area, and so forth. Evidence of the model's validity lies in its history of accurately explaining and forecasting actual response behavior observed in a variety of places. Nevertheless, it is important to be aware of factors that could cause behavior on the Delmarva Peninsula to vary from patterns normally predicted by the general response model.

Single Event Actual Response Data. One way to supplement the general response model is to collect data on what residents on the Delmarva Peninsula have actually done in past hurricane evacuations. It is dangerous to overgeneralize from a single evacuation in a location. Even the same people will respond differently in different circumstances. If an evacuation occurs late at night, for example, and the evacuation is urgent, those circumstances tend to lead to fewer people leaving the local area than normal. Thus, if the single event was a late night, urgent evacuation, it might provide an indication of the "worst case" to expect in that location for certain types of behaviors.

Single events also provide opportunities to validate the use of the general response model for forecasting in a specific location. Actual behavior in a single event can be documented and compared to that which would have been predicted by the general response model. Its "fit" gives a clue to how much the model might need to be adjusted to work best for the specific location and hazard.

Fortunately for residents of the peninsula, but unfortunately for behavioral analysts, hurricane evacuations are uncommon in the region. The only actual response data was collected following hurricane Gloria in 1985 at selected locations. Not only

might the response be particular to the nature of the threat posed by Gloria, it reflects the population, road network, and warning systems in place nearly 20 years ago.

Intended Responses. Although hypothetical response data can rarely be used literally for quantitative forecasts, it does have certain uses. It can also be very misleading, however. There are consistent biases in some sorts of hypothetical response data, for example. People are more likely to say they would evacuate in "low risk" situations than they usually do, more likely to say they would leave early than they usually do, and more likely to say they would use public shelters than they usually do. Hypothetical response data can be adjusted to account for those sorts of known biases. Hypothetical data in one location can be compared with that collected elsewhere for an indication of relative variation between the samples. If more people in one location say they would refuse to leave than in another, they probably really are more likely to refuse. At least more effort will be required to have them move. So, although the magnitude of people saying they wouldn't leave might not be quantitatively valid, it at least gives a relative indication. This can be particularly useful when actual response data is also available in the second location.

A major component of this current behavioral analysis involved a sample survey documenting residents' beliefs about their exposure to hurricanes, their intentions to respond in future hurricane threats, and demographic information which could be related to their behavior.

Delmarva 2002 Sample Survey

In November and December of 2002 almost 700 residents of the Delmarva Peninsula were interviewed by telephone. Respondents were asked how they would

respond to certain hypothetical hurricane threats, how they perceived their vulnerability to hurricanes, and information about other variables often found to be associated with evacuation behavior. The complete questionnaire used in the survey appears as Appendix I.

The sample was structured to provide a certain number of responses in each of several geographical locations, shown in Table 1. The surge vulnerability of respondents in each location was also determined from maps prepared by the Philadelphia District of the U.S. Army Corps of Engineers.

Table 1. Sample size by interview location and risk area

LOCATION	Cat 1	Cat 2	Cat 3	Cat 4	Non-Surge	TOTAL
Delaware Bay, North of Rehobeth	35	32	22	17	0	**106**
Delaware Atlantic Beaches	16	24	17	8	0	**65**
Delaware Atlantic Mainland	20	32	27	10	0	**89**
Ocean City Beaches	12	36	2	0	0	**50**
Ocean City Mainland	17	16	19	2	0	**54**
Southern Peninsula	41	26	12	23	0	**102**
Chesapeake Bay	24	22	22	32	0	**100**
Non-surge Inland	0	0	0	0	112	**112**
TOTAL	**165**	**188**	**121**	**92**	**112**	**678**

The interview locations were defined as follows and are depicted in Figure 1:

- Delaware Bay, North of Rehoboth – surge-prone coastal areas along Delaware Bay north of Cape Henlopen State Park
- Delaware Atlantic Beaches – beaches along the Atlantic Ocean in Delaware, between Cape Henlopen and the Maryland border
- Delaware Atlantic Mainland – surge-prone Atlantic coastal areas in Delaware not part of the beach locations (e.g., along Rehoboth Bay and Indian River Bay)
- Ocean City Beach – Ocean City, Maryland
- Ocean City Mainland – surge-prone areas west of Ocean City, along the bays and intracoastal waterway
- Southern Peninsula – surge-prone coastal areas of Northampton and Accomack Counties, Virginia (along Chespeake Bay and the Atlantic Ocean)
- Chesapeake Bay – surge-prone coastal areas along the eastern shore of Chesapeake Bay, north of Accomack County, Virgina
- Non-surge – areas of the Delmarva peninsula not subject to inundation in category 4 hurricanes

The general sampling scheme was to provide 100 interviews in each of six locations: Delaware Bay, Delaware Atlantic, Ocean City, Southern Peninsula, Chesapeake Bay, non-surge. Delaware Atlantic and Ocean City were apportioned to provide approximately 50 completions in both beach and mainland areas of those locations. Inadvertent oversampling resulted in more than the targeted number of interviews in most locations, most notably in the Delaware Atlantic location.

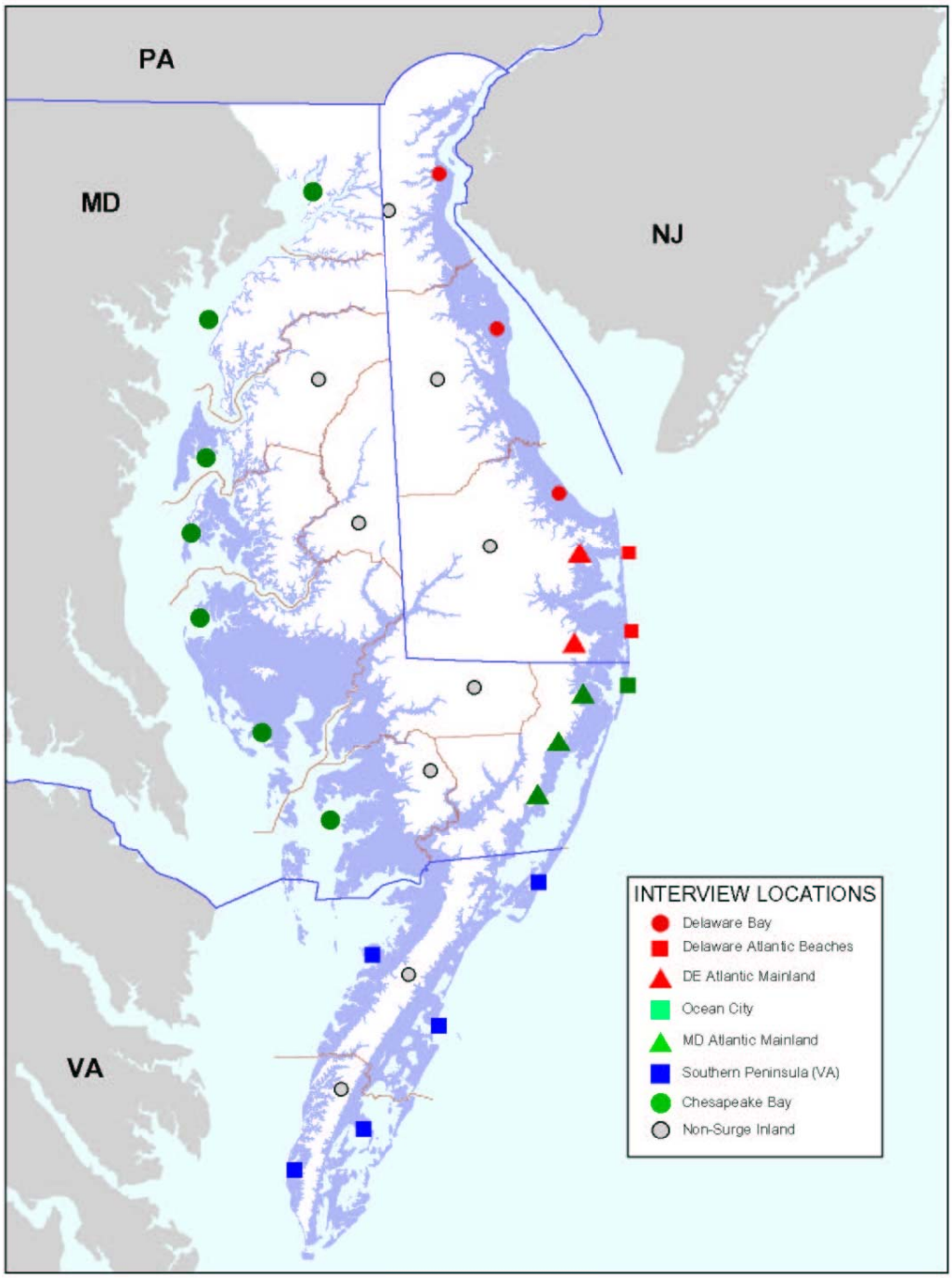

Figure 1. Delmarva interview locations (Philadelphia District, USACE)

Statistical Reliability of Survey Results

Figures reported in the survey cited in this report are based upon samples taken from larger populations. The sample values provide estimates of the values of the larger populations from which they were selected, but are usually not precisely the same as the true population values. In general, the larger the number of people in the sample, the closer the sample value is likely to be to the true population value. A sample of 100 will provide estimates which one can be 90% "confident" are within 5 to 8 percentage points of the true population values. With a sample of 50, one can be 90% "confident" of being within 7 to 11 percentage points of the actual population value. A sample of 25 is 90% "accurate" only within 10 to 17 percentage points.

The ranges (e.g., "10 to 17") stem from the fact that the reliability of an estimate depends not only on the size of the sample but also upon how much agreement there is among the responses. Having 90% of the respondents give a particular answer means almost everyone agreed. By the same reasoning, if only 10% gave a particular response, almost everyone agreed (i.e., 90% disagreed with the 10% but agreed with one another). The maximum disagreement is for the responses to be split 50-50. If 90% (or 10%) of a sample of 100 give a particular response, that estimate will be within 5 percentage points of the true population value 90% of the time. If 75% (or 25%) of a sample of 100 give a particular response, that estimate will be within 7 percentage points 90% of the time. If 50% of a sample of 100 give a particular response, that estimate will be within 8 percentage points 90% of the time. Table 2 summarizes the reliability values for samples of various sizes and response distributions. For example, suppose we interviewed 200 people in the category 1 surge zone of the Delmarva Peninsula and 50% of those 200

people said they believed their home would flood in a hurricane. We can be 90% "confident" that between 44% (50% - 6%) and 56% (50% + 6%) of *all* the people who live in the Delmarva Peninsula category 1 surge zone believe their homes would flood. In order to increase confidence to 95% or 99% the confidence intervals would increase in width.

Table 2. Approximate sample reliabilities for 90% confidence intervals, as a function of sample size and distribution of responses (i.e., variance)

Sample Size	**Percent Giving Response**		
	50%	***25% or 75%***	***10% or 90%***
25	± 17%	± 15%	± 10%
50	± 12%	± 10%	± 7%
75	± 10%	± 8%	± 6%
100	± 8%	± 7%	± 5%
200	± 6%	± 5%	± 4%
700	± 3%	± 2.5%	± 2%

Assessing Differences

Differences of a few percentage points in sample results do not necessarily mean the populations from which the samples were drawn are different. An approximation for comparing results is to add and subtract values in Table 2 to and from of the two values being compared and seeing whether the ranges overlap. If there is overlap in the ranges created by adding and subtracting from the sample estimates, one should be reluctant to conclude that the population values differ. For example, suppose two samples of 100 yielded values of 50% and 40%. From Table 2 we see that the 50% value for the population might actually be as low as 42%, and the 40% value might actually be as high as 48%. The 42% to 50% and 40% to 48% ranges overlap.

A more accurate method of assessing whether sample differences are large enough to imply population differences involves "tests of statistical significance." In general the following guidelines can be used. For samples of 50 in each group, the sample differences must be at least 20% (20 percentage points); samples of 100 must differ by at least 15%; samples of 200 must differ by at least 10%. Those rules-of-thumb apply in cases in which both sample estimates are near 50% (55% vs. 45%, for example). In cases where the estimates are much higher or lower (90% vs. 80% or 10% vs. 20%) slightly smaller sample differences are required to conclude that population differences also exist.

Although sample sizes do not always yield estimates as precise as one might prefer, it is important to remember that the survey data provides only one piece of the puzzle when deriving assumptions about how the public will actually respond. The cornerstone of the predictive methodology is the general response model, which is obtained from analysis of response patterns documented in many actual hurricane evacuations in numerous locations over a period of decades. The survey data is used to apply the model to the study location and to refine the model's predictions.

Aggregation of Risk Areas and Survey Locations

The sample was stratified to ensure inclusion of specified numbers of respondents in each risk area in each location. Therefore the sample over-represents some locations and under-represents others intentionally. This is not a problem when analyzing each subgroup but can lead to erroneous impressions when the subgroups are lumped together if an over-represented subgroup differs in its responses significantly from other

subgroups. A weighting scheme would need to be employed in order to describe the general population accurately with the sample generated for this analysis.

Evacuation Participation Rates

Intention to Evacuate

Residents were presented with three hypothetical hurricane threats and asked whether they would leave their homes to go someplace safer in each. The storms were a category 1 hurricane with 80 MPH winds, a category 2 hurricane with 100 MPH winds, and a category 3 hurricane with winds of 125 MPH. In each instance the category and wind velocity was provided, and it was indicated that a hurricane warning was in effect for the respondent's community and for all of the Delmarva Peninsula. Each time the storm category was given, interviewees were told that the scale has five categories of intensity. For the category 3 storm they were also told that meteorologists referred to that as a major hurricane. Finally, they were told that officials had called for the evacuation of all areas that would be flooded by the respective category of hurricane, plus all mobile homes.

Table 3 summarizes responses to the three hypothetical hurricanes. The percent intending to evacuate increases with the category of storm, from 42% in a category 1 storm, to 68% in a category 3 storm.

Table 3. Percent of Respondents Saying They Would Evacuate in Cat 1, 2, and 3 Storms (N=678)

	In Cat 1 Storm	In Cat 2 Storm	In Cat 3 Storm
Evacuate Home	42	53	68
Stay Home	52	42	26
Don't Know	6	5	6

It's more important that people evacuate from the more vulnerable locations, and Table 4 breaks responses down by risk zone. Cat 1 risk zone, for example, refers to areas that would flood in at least some category 1 hurricanes. Cat 4 risk zones would flood only in some category 4 storms. Non-surge zones would not flood even in category 4 hurricanes. There is some variation in evacuation intentions by risk zone, but not a great deal. For a category 1 hurricane, 48% of the residents living in category 1 surge areas said they would evacuate, compared to 46% living in category 3 surge areas. For a category 3 hurricane, 77% of those in category 1 areas say they would leave, compared to 66% of those in category 4 areas. In general there appears to be under-response in the most dangerous locations and over-response in the safer locations. The problem for the Delmarva Peninsula is comparable to that which has been documented in many places: convincing those who are at greatest risk that they need to go while also coping with the shadow evacuation occurring in areas that have not been told by officials to evacuate.

Table 4. Percent of Respondents Intending to Evacuate in Cat 1, 2, and 3 Storms, by Risk Zone

Category of Storm	From Cat 1 Risk Zone	From Cat 2 Risk Zone	From Cat 3 Risk Zone	From Cat 4 Risk Zone	From Non-Surge Zone
	(N=165)	(N=188)	(N=121)	(N=92)	(N=112)
In Cat 1	48	43	46	38	31
In Cat 2	60	58	53	51	38
In Cat 3	77	73	70	66	47

Table 5 breaks the evacuation intentions down by survey location. Recall, however, that smaller samples are inherently less reliable, and the sample size for each location is provided in Table 5. There are too few respondents to provide a break down of risk zones for each survey location. In general it appears that Atlantic residents are slightly more likely to say they would evacuate than their counterparts on Chesapeake

and Delaware Bays. In strong storms there is little if any difference among beach and mainland responses in Delaware and Ocean City.

Table 5. Intention to Evacuate in Cat 1, 2, and 3 Storms by Survey Site (percent of respondents)

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Evac in Cat 1	43	29	57	54	48	44	36	31
Evac in Cat 2	48	54	66	72	70	52	47	38
Evac in Cat 3	63	75	78	84	80	77	63	47

Perceived Vulnerability

Intention to evacuate is not always a good predictor of how people eventually respond in actual hurricane threats. A generally useful predictor is whether people believe their own home would be safe in a hurricane. Respondents were asked whether they believed their homes would flood in each of three categories of hurricane, but not quite the same three asked about previously. In these questions the storms were category 2 (100 MPH), 3 (125 MPH), and 4 storms (155 MPH). Table 6 displays the percentage of respondents who said their homes would flood. Responses ranged from a low of 25% in category 2 storms to a high of 55% in category 4 storms.

Table 6. Percent of Respondents Saying Their Homes Would Flood by Category of Storm

	In Cat 2 Storm	In Cat 3 Storm	In Cat 4 Storm
Would Flood	25	39	55
Would Not Flood	65	49	34
Don't Know	11	12	11

Of those who expect flooding, a large majority expect the flooding to be severe enough to pose a danger to their safety (Table 7). In a category 4 storm, 90% of those who expect flooding expect that it would be dangerous to their safety. This translates to

about 50% of the entire sample that expects dangerous flooding in a category 4 hurricane (55% from Table 6 x 90% from Table 7).

Table 7. Percent of Respondents Expecting Flooding Who Believe the Flooding Would Be Dangerous to Their Safety in Cat 2, 3, and 4 Storms (N=678)

	In Cat 2 Storm	In Cat 3 Storm	In Cat 4 Storm
Dangerous	71	85	90
Not Dangerous	22	12	8
Don't Know	7	3	2

By risk zone, people in category 1 surge zones appear to believe they are most vulnerable to dangerous flooding, and those in non-surge zones the least (Table 8). However, there are no discernible differences among category 2, category 3, and category 4 areas. Even in the category 1 zone, only 62% of the respondents believe their homes would flood dangerously in a category 4 hurricane.

Table 8. Percent of Respondents Believing their Homes Would Flood Dangerously in Cat 2, 3, and 4 Storms, by Risk Zone

Category of Storm	In Cat 1 Risk Zone	In Cat 2 Risk Zone	In Cat 3 Risk Zone	In Cat 4 Risk Zone	In Non-Surge Zone
	(N=165)	(N=188)	(N=121)	(N=92)	(N=112)
Cat 2 Storm	30	15	17	12	6
Cat 3 Storm	45	33	35	37	14
Cat 4 Storm	62	54	53	48	24

Among survey locations, perceived vulnerability to dangerous flooding is fairly similar, except for non-surge locations, where people see themselves as considerably safer (Table 9).

Table 9. Believe Home Would Flood Dangerously in Cat 2, 3, 4 Storms by Survey Location (percent of respondents)

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Flood in Cat 2	19	17	25	28	13	20	16	6
Flood in Cat 3	32	38	43	44	37	38	34	14
Flood in Cat 4	50	60	62	66	48	53	51	20

Respondents were also asked whether it would be safe to stay in their homes in category 2, 3, and 4 hurricanes, considering both wind and water. Almost half said their homes would be safe in category 2 hurricanes, and 33% said their homes would be safe in a category 4 storm with winds of 155 MPH (Table 10).

Table 10. Percent of Respondents Who Believe It Would Be Safe To Stay in Their Home, Considering Both Wind and Water in Cat 2, 3, and 4 Storms (N=678)

	In Cat 2 Storm	In Cat 3 Storm	In Cat 4 Storm
Safe	47	37	33
Not Safe	42	52	56
Don't Know	11	11	11

There is little variation among risk zones with respect to whether people believe it would be safe to stay in their homes (Table 11). In category 1 surge zones 34% of the respondents believe it would be safe to stay in a strong category 4 storm, compared to 30% in non-surge zones.

Table 11. Percent of Respondents Who Believe It Would Be Safe to Stay in Their Home in Cat 2, 3, and 4 Storms, by Risk Zone

Category of Storm	In Cat 1 Risk Zone	In Cat 2 Risk Zone	In Cat 3 Risk Zone	In Cat 4 Risk Zone	In Non-Surge Zone
	(N=165)	(N=188)	(N=121)	(N=92)	(N=112)
Cat 2 Storm	42	50	50	37	57
Cat 3 Storm	34	39	38	35	39
Cat 4 Storm	34	31	43	28	30

Among survey locations Ocean City beach residents were less likely than most others to believe they would be safe (Table 12). Respondents in non-surge areas were more likely than those in most but not all of the other locations to say they would be safe.

Table 12. Believe Home Would be Safe to Stay in During Cat 2, 3, 4 Storms, Considering Wind and Water, by Survey Location (percent of respondents)

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Safe in Cat 2	51	46	51	28	46	48	40	57
Safe in Cat 3	41	31	48	26	24	39	35	39
Safe in Cat 4	35	29	47	20	22	36	36	30

The importance of perceived safety is depicted in Table 13. It compares intention to evacuate for people who believe their homes would and would not be safe. If people think their home would not be safe in a category 2 hurricane, 71% said they would evacuate in a category 2 hurricane, compared to just 36% who think their home would be safe in that category of storm. The differences are less pronounced for stronger storms. This is consistent with studies conducted following hurricane evacuations in other parts of the United States.

Table 13. Percent of Respondents Intending to Evacuate in Cat 1, 2, and 3 Storms, by Belief Their Home Would be Safe

	Intend to Evacuate in Cat 1 Storm	Intend to Evacuate in Cat 2 Storm	Intend to Evacuate in Cat 3 Storm
If Safe in Cat 2	31	36	59
If Not Safe in Cat 2	55	71	80
If Safe in Cat 3	32	37	51
If Not Safe in Cat 3	52	69	84
If Safe in Cat 4	45	50	64
If Not Safe in Cat 4	44	60	77

Anticipation of Evacuation Orders

Hearing evacuation notices from public officials is usually a strong predictor of whether residents evacuate, but many people living in areas told to evacuate don't seem to comprehend that the evacuation notices apply to them – that is, many people say they didn't hear that they were supposed to evacuate. Interviewees were asked whether officials in their county would issued a mandatory evacuation order requiring that the respondent evacuate his or her home. The question was asked for category 2, 3, and 4 hurricanes. Overall 44% believe they would be told to evacuate in a category 2 storm and 79% in a category 4 storm (Table 14).

Table 14. Percent of Respondents Who Believe They Would be Ordered by Officials to Evacuate in Cat 2, 3, and 4 Storms (N=678)

	In Cat 2 Storm	In Cat 3 Storm	In Cat 4 Storm
Order Expected	44	62	79
No Order Expected	31	17	8
Don't Know	25	21	6

There were variations among risk zones, but the differences were rather small (Table 15). In general too few people in high-risk areas expect to be told to leave, and too many and low risk areas expect to be told.

Table 15. Percent of Respondents Who Believe They Would be Told by Officials to Evacuate in Cat 2, 3, and 4 Storms, by Risk Zone

Category of Storm	In Cat 1 Risk Zone	In Cat 2 Risk Zone	In Cat 3 Risk Zone	In Cat 4 Risk Zone	In Non-Surge Zone
	(N=165)	(N=188)	(N=121)	(N=92)	(N=112)
Cat 2	52	42	48	42	33
Cat 3	72	66	60	53	53
Cat 4	87	80	83	67	69

Among interview locations, respondents living along the Atlantic were more likely to say they expected to be told to evacuate than people living on Chesapeake or Delaware Bay (Table 16). A majority of people in non-surge locations expect to be told to evacuate in category 3 and 4 hurricanes.

Table 16. Expect to Hear Evacuation Order from Officials in Cat 2, 3, 4 Storms, by Survey Location (percent of respondents)

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
Expect:	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Order in Cat 2	32	42	53	64	43	54	43	33
Order in Cat 3	51	65	73	80	67	71	54	53
Order in Cat 4	76	85	88	92	82	86	63	69

The importance of this expectation is shown in Table 17 which crosstabulates intention to evacuate with expectation of hearing evacuation orders from officials. People who expect officials to tell them they must evacuate in a category 3 hurricane are almost 3 times as likely as others to say they would leave in a category 3 storm, for example.

Table 17. Percent of Respondents Intending to Evacuate in Cat 1, 2, and 3 Storms, by Belief Officials Would Tell Them to Evacuate

	Intend to Evacuate in Cat 1 Storm	Intend to Evacuate in Cat 2 Storm	Intend to Evacuate in Cat 3 Storm
If Expect Evac Notice in Cat 2	61	73	84
If Expect No Evac Notice in Cat 2	21	31	52
If Expect Evac Notice in Cat 3	56	69	84
IfExpect No Evac Notice in Cat 3	12	18	31
If Expect Evac Notice in Cat 4	48	60	78
If Expect No Evac Notice in Cat 4	11	9	17

Other Considerations

Approximately half the respondents said they would have some concern about being trapped on roads while attempting to evacuate (Table 18). People in Ocean City beach locations were more likely than others to express the concern (Table 19). However, the concern was not a deterrent to one's intention to evacuate. Those expressing the concern were more likely than others to say they would evacuate.

Table 18. Percent of Respondents Saying They Would Be Concerned about Being Trapped on the Road While Evacuating (N=678)

Concerned	46
Not Concerned	43
Don't Know	12

Table 19. Percent of Respondents Concerned about Being Trapped on Road During Evacuation, by Survey Location

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Concerned	44	43	51	66	44	40	43	43

Those who expressed concern about being trapped on a roadway during an evacuation were asked if they would be more likely to evacuate if officials could monitor evacuating traffic to ensure that they would have sufficient time to reach safety, and 87% replied affirmatively (Table 20). The response was similar in all interview locations.

Table 20. Percent of Respondents Concerned about Being Trapped on Roadway Saying They Would Be More Likely to Evacuate if Officials Could Monitor Traffic (N=312)

Yes, More Likely to Evacuate	87
No, No More Likely to Evacuate	7
Don't Know	6

Interviewees were asked whether they and their families had definite plans for how they would respond in a hurricane threat. Less than half said they did (Table 21). Residents on the southern peninsula were more likely then others to say they had a definite plan (Table 22). However, having a definite plan was generally not related to intentions to evacuate.

Table 21. Percent of Respondents Saying They Have a Definite Plan for Responding to a Hurricane Threat (N=678)

Yes, Have a Defintie Plan	39
No, Have No Definite Plan	55
Not Very Definite	7

Table 22. Percent of Respondents Saying They Have a Definite Plan for Responding to Hurricane Threats, by Survey Location

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Have Plan	29	35	35	40	48	60	32	35

Overall about 20% of the sample indicated they owned a boat that would need tending in a hurricane threat, of which 67% said the boat was at their residence. The largest incidence of homes with boats was on the Cheseapeake (Table 23). Having a boat was not related to intention to evacuate.

Table 23. Percent of Respondents Saying They Have a Boat Needing Attention During a Hurricane Threat, by Survey Location

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Have a Boat	17	15	11	14	17	26	31	23

Three-fourths of the respondents said they had identified the safest place in their homes to ride out a hurricane if they need to do so. There was little variation among survey locations (Table 24).

Table 24. Percent of Respondents Saying They Have Identified Safest Place in Their Home to Ride Out a Storm, by Survey Location

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Identified	87	69	78	74	70	82	78	77

Several demographic variables were measured as tested for their relationship to evacuation intentions:

- People with pets were more likely to say they would leave in weak storms, but there was no difference in strong storms. Slightly more than half the households had pets.
- Blacks were more likely than others to say they would evacuate.
- Residents in mobile homes and in manufactured housing were more likely than others to say they would evacuate.
- Intention to evacuate was *not* related to
    - Children in the home
    - Damage experienced in coastal storms
    - Income
    - Education
    - Years lived on the Delmarva Peninsula (except for those having lived there for more than 40 years being slightly less likely to evacuate).

Type of Refuge

Interviewees were asked what sort of refuge they would seek if they evacuated, and the results are given in Table 25. Intended refuges varied little among storm intensity scenarios. More than a third said they would go to public shelters, with just slightly more saying they would go to the homes of friends and relatives. Only 10% to 12% said they would go to hotels and motels.

Table 25. Percent Intending to Use Various Types of Refuge in Cat 1, 2, and 3 Storms (percent of respondents planning to evacuate)

	Cat 1 Storm	Cat 2 Storm	Cat 3 Storm
	(N=285)	(N=359)	(n=503)
Public Shelter	36	37	36
Friend/Relative	39	37	41
Hotel/Motel	12	12	10
Other	7	7	5
Don't Know	7	8	8

There were variations in intended refuge by interview location (Table 26). Public shelter use was lowest in the Delaware beach area (21%) and highest in non-surge areas (48%).

Table 26. Intended Type of Refuge in a Category 3 Storm, by Survey Location (percent of respondents intending to evacuate)

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=77)	(N=52)	(N=71)	(N=44)	(N=48)	(N=80)	(n=71)	(N=60)
Public Shelter	39	21	32	27	27	41	42	48
Friend/Relative	38	50	44	48	50	39	34	37
Hotel/Motel	4	14	13	11	15	13	10	7
Other	12	4	4	2	0	4	4	3
Don't Know/Depends	8	12	7	11	8	4	10	5

The great majority of people planning to go to a public shelter expect it to be located in their own neighborhood (Table 27). An additional 19% expect it to be elsewhere in their own county. Most evacuees going to the homes of friends and relatives expect the locations to be in their own counties.

Table 27. Anticipated Location of Intended Refuge in a Category 3 Hurricane (percent of respondents going to each type of refuge)

	To Own Neighborhood	To Other Place in Own County	To Other Place on Delmarva	To Place Off Delmarva
Pub Shlt (N=166)	71	19	6	1
Frnd/Rel (N=189)	17	37	19	27
Hotel (N=46)	10	31	26	33
Other (N=23)	17	22	17	44
DK (N=37)	39	11	22	28

All respondents were asked to suppose that officials arranged for public shelter space to be provided for evacuees from the respondent's community in an inland location off the Delmarva Peninsula, in a different location than the respondent would normally prefer to evacuate to. They were asked whether they would be likely to go to that location to take advantage of the shelter being provided. More than half said they would (Table 28). Only among Delaware beach respondents did a minority reply affirmatively (Table 29).

Table 28. Percent of Respondents Saying They Would Be Willing to Use a Public Shelter Off the Delmarva Peninsula (N=678)

Yes, Would Use Shelter Off Delmarva	55
No, Would Not Use Shelter Off Delmarva	32
Don't Know	12

Table 29. Percent of Respondents Being Willing to Use Public Shelter Off Delmarva, by Survey Location

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Willing to Use	62	39	53	54	57	60	55	55

About half the respondents said they know the location of the public shelter closest to their own home (Table 30). The figure was highest in the southern peninsula sample and lowest along Delware Bay (Table 31). Overall, among those who said they would go to a public shelter, 65% said they know the location of the closest one.

Table 30. Percent of Respondents Saying they Know the Closest Public Shelter to Their Home (N=678)

Yes, Know Closest Shelter	48
No, Do Not Know Closest Shelter	47
Unsure	5

Table 31. Percent of Respondents Saying they Know the Closest Public Shelter to Their Home, by Survey Location

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Know Shelter	35	39	49	48	59	69	36	53

Half the people saying they would go to public shelters own pets, and 89% of those people said they would take the pets with them to their destination (Table 32). Over 90% of the people planning to go to friends and relatives say they would take their pets, as would 100% of those going to hotels and motels. Slightly more than half the people planning to go to public shelters said they were aware of the Red Cross policy not allowing pets in public shelters.

Table 32. Plans for Dealing with Pets, by Type of Intended Refuge

	Public Shelter	Friend/Relative	Hotel/Motel
Take to Destination	89	91	100
Leave at Home	4	4	0
Board	1	0	0
Leave Some, Take Some	1	2	0
Don't Know	3	2	0
Refused	0	1	0
Other	1	0	0

Location of Refuge

Most people planning to evacuate don't anticipate going very far from home (Table 33). Roughly 40% said they would go someplace in their own neighborhood, and about 65% said they would stay in their own county. Over 80% said they would go someplace on the Delmarva Peninsula. There was essentially no variation with respect to intensity of storm.

Table 33. Percent Intending to Go to Various Geographical Destinations in Cat 1, 2, and 3 Storms (percent of respondents planning to evacuate)

	In Cat 1 Storm	In Cat 2 Storm	In Cat 3 Storm
	(N=285)	(N=359)	(N=451)
To Place in Own Neighborhood	38	41	38
To Other Place in Own County	27	27	27
Other Place on Delmarva Peninsula	16	14	10
Place Off Delmarva Peninsula	19	18	19

Beach residents were less likely than others to say they would go to locations in their own neighborhoods and more likely than others to say they would go to places off the peninsula (Table 34). Respondents in non-surge areas were most likely to say they would go to destinations in their own neighborhood.

Of those who said they would evacuate off the peninsula, half would go to destinations in Maryland, followed by Pennsylvania and Delaware (Table 35).

Table 34. Intended Destination in a Category 3 Storm, by Survey Location (percent of respondents intending to evacuate, excluding "don't know" responses)

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=72)	(N=41)	(N=61)	(N=42)	(N=44)	(N=76)	(n=64)	(N=51)
Neighborhood	40	23	48	21	31	42	46	64
Other Own County	30	37	24	37	37	29	23	8
Other Delmarva	15	10	16	11	11	20	4	15
Off Delmarva	15	30	12	31	21	9	27	13

Table 35. State Destinations of Respondents Intending to Evacuate in a Cat 3 Storm to Locations Not on the Delmarva Peninsula (N=84)

Delaware	13
Maryland	51
Virginia	4
DC	2
Pennsylvania	19
Other	8
Don't Know	2

Transportation

Evacuating households plan to take 65% of the vehicles available to them, averaging 1.31 vehicles per evacuating household. Seven percent of the evacuating households plan to pull a trailer or take a motor home or camper. Table 36 indicates the variations among interview locations.

Table 36. Vehicles to Be Used by Evacuating Households

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Percent of Avail. Vehicles	60	76	69	78	68	61	61	59
Vehicles per Household	1.34	1.48	1.24	1.27	1.28	1.37	1.24	1.27
Trailers, Motorhomes	12	2	2	2	4	7	5	15

Seven percent of the respondents said someone in their household would require assistance to evacuate. In some of the interview locations the figure was as high as 10%, and in one as low as 2% (Table 37). The type of assistance required was evenly divided between transportation and medical care. In most cases respondents said the assistance would not need to come from government agencies. Twenty-six percent of those saying someone in their household need evacuation assistance said they were aware of special needs evacuation centers in their community.

Table 37. Percent of Households with Someone Needing Assistance in Order to Evacuate

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Need Assist	10	5	10	4	2	7	7	5

Respondents were asked to specify the roads they would take when evacuating, but they were also asked whether they would be willing to take a route other than the one they would normally use in order to avoid congestion, even if the recommended route required them to drive farther than normal. The great majority said they would (Table 38), and responses were essentially the same in all survey locations (Table 39).

Table 38. Percent of Respondents Saying They Would Be Willing to Use an Alternate Evacuation Route if Urged by Officials

Yes, Would Use Alternate Route	88
No, Would Not Use Alternate Route	5
Don't Know	7

Table 39. Percent of Respondents Saying They Would Be Willing to Use Evacuation Routes Urged by Officials

	Del. North	Del Beaches	Del Mainland	O City Bches	O City Mainland	So. Pnsula	Ches. Bay	Non-Surge
	(N=106)	(N=65)	(N=89)	(N=50)	(N=54)	(N=102)	(n=100)	(N=112)
Willing to Use	83	86	83	86	85	81	80	85

Planning Assumptions for Residents

Evacuation Participation Rate

Residents of the Delmarva Peninsula suffer from some of the same misconceptions about vulnerability and evacuation orders as people who live in many other coastal locations. Those misconceptions tend to result in under response from high-risk locations and over-response from low-risk locations. There is little difference among category 2, 3 and 4 surge area residents with respect to their perceptions of vulnerability and evacuation intentions. Tables 40 and 41 indicate the most probable participation rates for three categories of hurricane for each risk zone. *It assumes that officials issue mandatory evacuation orders for areas that would be inundated by the respective storm and for all mobile homes and that the evacuation orders are communicated aggressively.* Participation rates could be lower than average along the Chesapeake and Delaware Bays.

Table 40. Evacuation Participation Rate Planning Assumptions for Residents in Housing Other Than Mobile Homes (percent of residents)

Risk Zone	***Cat 1 Storm***	***Cat 2 Storm***	***Cat 3 Storm***
Non-surge	30	40	45
Cat 2-4	40	50	70
Cat 1	50	60	80

Table 41. Evacuation Participation Rate Planning Assumptions for Residents in Mobile Homes (percent of residents)

Risk Zone	***Cat 1 Storm***	***Cat 2 Storm***	***Cat 3 Storm***
Non-surge	50	60	65
Cat 2-4	60	70	80
Cat 1	65	75	95

Evacuation Timing

Relatively few evacuees (fewer than 20%) typically leave before officials issue an evacuation notice. People do no leave in substantial numbers until someone in a position of authority tells them, and then they will leave as promptly as they believe they must. The urgency of evacuations varies because of the error inherent in hurricane forecasting and the reluctance of public officials to have residents leave unnecessarily. If a storm intensifies, increases forward speed, or changes course unexpectedly, it usually becomes more necessary for evacuees to leave quickly, for example.

Regardless of the proficiency of emergency management officials, circumstances are going to arise sometimes in which very prompt evacuation is necessary. In other cases the notice will be issued earlier, and evacuation can proceed more gradually. For planning, at least three different timing response curves such as those shown in Figure 1 should be evaluated, because eventually the region will experience all three. The flattest of the three curves assumes that evacuation orders were issued at least 24 hours before landfall. In each threat scenario occupants of low risk areas will tend to wait longer to evacuate than those living in more hazardous locations.

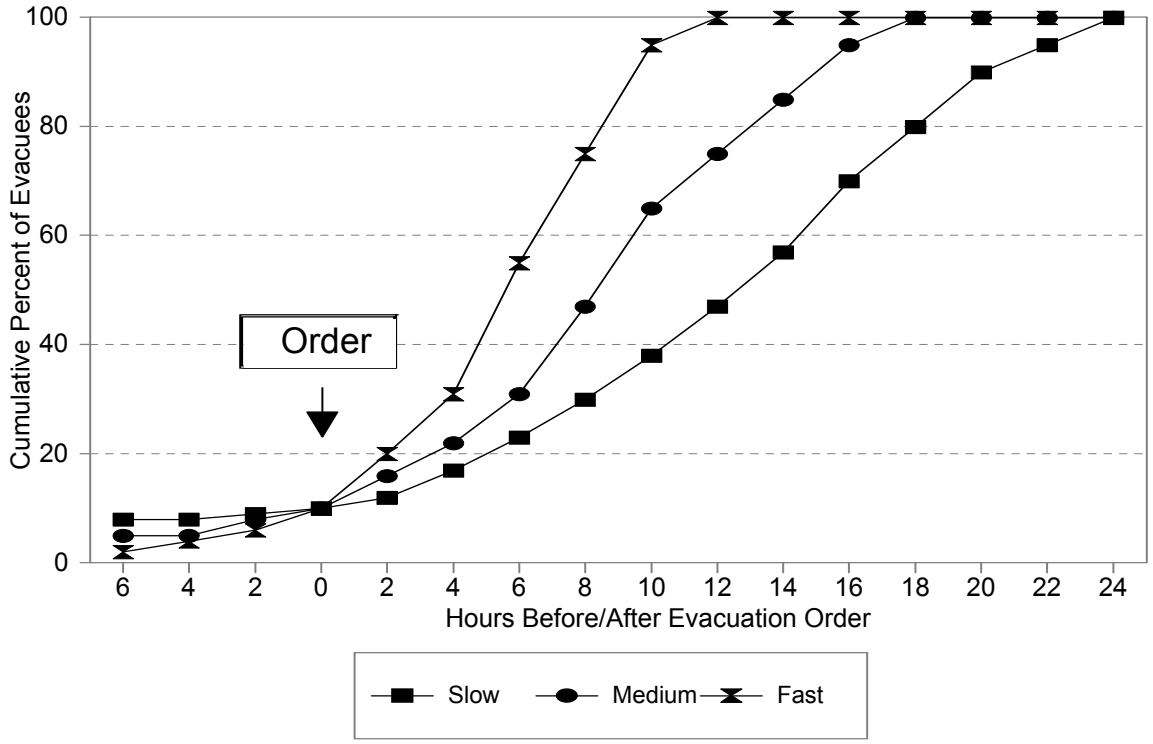

Figure 1. Cumulative evacuation response curves for planning

If officials issue evacuation notices more than 24 hours prior to anticipated landfall, evacuation departures will be distributed over a period longer than 24 hours. Some evacuees will leave shortly after the evacuation notice during daylight hours, then departures will essentially stop on the evening of the first day, and then resume on the morning of the second day.

Type of Refuge

People tend to overstate the likelihood that they will go to public shelters when they evacuate, and the 36% figure in the Delmarva survey is almost certainly too high. In

most instances only half as many people go to shelters as planned. The extent to which people go to public shelters as well as other destinations will depend on the actual availability of those options. If shelters are not opened locally, shelter use will be substantially lower. Reliance on hotels and motels could also depend on the extent to which they are available, particularly on the Peninsula. Although most respondents indicated a willingness to go to public shelters off the Delmarva Peninsula, that would be unusual. Most people who go to public shelters go to shelters in their own community. Table 42 contains average figures to be used for planning. Public shelter use in Atlantic survey locations will be lower than other locations.

Table 42. Type of Refuge to Be Used by Evacuees

Public Shelter	15-20
Friend/Relative	40-50
Hotel/Motel	20-25
Other	15-20

Location of Refuge

Delmarva evacuees don't anticipate going very far when they evacuate. However, if the options they assume will be available nearby don't exist, they will have to travel farther than planned. Local emergency management policies will have a significant effect on how far evacuees travel. The figures in Table 43 project that evacuees will not find some of the options they anticipate being available locally. Residents of non-surge areas will travel less far than evacuees from other locations, and beach evacuees will travel farther. For those evacuees going to destinations off the Peninsula, the breakdown by state in Table 35 should be used for planning.

Table 43. Destinations of Evacuees (percent of evacuees)

Own Neighborhood	20
Other Own County	25
Other Delmarva	25
Off Delmarva	30

Vehicle Use

Between 65% and 70% of the vehicles available to evacuating households will be used in an evacuation, averaging 1.3 vehicles per evacuating household. Seven percent of the evacuating households will pull a trailers or take motor homes or campers.

Vacationer Response

Compared to residents, there is relatively little data documenting how vacationers respond to hurricane threats, and no survey was conducted with vacationers to Delmarva to ascertain their intentions. Behavioral assumptions for tourists are derived from intended-response survey findings with visitors to other locations and from the existing data on how vacationers have responded. Surveys have been conducted with visitors to beach areas in Delaware and Maryland on the Delmarva Peninsula and in Virginia Beach. The following documents provided information about visitor characteristics which helped predict likely response in a hurricane threat.

"1995 Southern Delaware Beach Region Visitor Profile Study," by E. Jacobson, A. Droskoski, and C. Smith, University of Delaware, for the Delaware Tourism Office.

"2000 Ocean City, Maryland Visitor Survey," and "2001 Ocean City, Maryland Visitor Survey,"by Ocean City Public Relations, Marking Office.

"Summer 2001 Virginia Beach Overnight Visitor Profile," by G. R. Yochum, and V. B. Agarwal, Old Dominion University, Bureau of Research, College of Business and Public Administration.

Evacuation Participation Rates

There is no evidence that vacationers are reluctant to evacuate when a hurricane interrupts their visit to a coastal community. Based on observations of vacationer behavior in other locations, surveys in other locations concerning intended responses, and survey data regarding vacationer characteristics on the Delmarva Peninsula, it is reasonable to assume that 90% to 95% of vacationers will evacuate their accommodations *if evacuation orders are issued*.

Evacuation Timing

Tourists leave at least as early as residents. The same curves used for residents should be used for tourists.

Type of Refuge

Officials sometimes report a large number of vacationers in certain shelters, but they represent a very small percentage of the total visitor population. The great majority of vacationers to Delmarva traveled in their own vehicles and live just a few hours away. Fewer than 5% will go to public shelters, and 5% will seek hotels or motels. The remainder will return home.

Destinations

At least 90% of vacationers will return home when they evacuate. Table 44 indicates the percentage of vacationers to Delmarva beaches who come from various states. Virginia Beach visitors are included in Table 44 to account for the impact they might have on evacuees from Delmarva.

Table 44. Destinations of Vacationers Evacuating Home from Delaware, Maryland, and Virginia Beaches

	Delaware	Maryland	Virginia
Pennsylvania	32	30	15
Maryland	28	36	8
Delaware	14	3	
DC/Virginia	10	5	28
New York	4	9	7
New Jersey	3	4	4
Ohio		3	9
North Carolina			3

Vehicle Use

More than 95% of the vacationers to Delmarva drive from homes. They will use their own vehicles when evacuating.

Appendix I

Delmarva Hurricane Questionniare

Delmarva
Response Questionnaire

Hello, my name is _____ and I'm calling on behalf of the U.S. Army Corps of Engineers, the ***[Maryland Emergency Management Agency (or) Delaware Emergency Management Agency (or) Virginia Department of Emergency Management]***, and your county emergency management office. I'm conducting a telephone survey of residents so that we can improve hurricane evacuation plans for people who live on the Delmarva Peninsula. This is a very important issue concerning public safety. May I please speak with the **(ROTATE):**

1. Youngest male over 18
2. Oldest male
3. Youngest female over 18
4. Oldest female in your household?

My questions will only take a few minutes. Your responses are important to us so that we may have accurate information about hurricane preparedness. Before we begin, let me assure you everything you say will remain strictly confidential.

1. Do you live at this residence year-round?

____ Yes **(GO TO Q3)**
____ No
____ Other

2. Do you live here at least part of the time during the summer or fall?

____ Yes

____ No **(THANK & TERMINATE)**
____ Other **(THANK & TERMINATE)**

IF "NO," TERMINATE THE INTERVIEW BY RESPONDING "THANK YOU FOR YOUR TIME, BUT WE ARE LOOKING FOR PEOPLE WHO ARE IN THIS REGION DURING THAT TIME FRAME. THANK YOU AGAIN. GOODBYE."

3. 
How many vehicles would be available in your household that you could use to evacuate?
_____ Number of vehicles **(IF 0, SKIP TO Q6; OTHERWISE GO TO Q4) (33 = DK) (RECORD "0" IF NO VEHICLES ARE AVAILABLE)**

4. How many vehicles would your household take if you evacuated? **(33 = DK) (RECORD "0" IF NO VEHICLES WOULD BE TAKEN)**
_____ Number of vehicles

5. If you evacuated, would you take a motor home or pull a trailer, boat, or camper?
   ____ Yes
   ____ No
   ____ Other, (specify)_____
   ____ Don't know

6. In an evacuation would you or anyone in your household require assistance in evacuating?
   ____ Yes
   ____ No **(SKIP TO Q10)**
   ____ Not sure **(SKIP TO Q10)**

7. Would the person just need transportation, or do they have a disability or medical problem that would require special assistance?
   ____ Transportation only
   ____ Special need (disability or medical problem)
   ____ Both
   ____ Other, (specify)_____
   ____ Don't know

8. Would that assistance be provided by someone within your household, or by an outside agency, or by a friend or relative outside your household?
   ____ Within household
   ____ Friend/relative (outside)
   ____ Outside agency
   ____ Other, (specify)_____
   ____ Don't know

9. Are you aware of any Special Needs Evacuation Centers where people from your community with certain handicaps or medical requirements could go during an evacuation?
   ____ Yes
   ____ No
   ____ Other, (specify)_____
   ____ Don't know

10. In decided whether to evacuate outside your county when a hurricane threatened, would you have any concerns that you might try to evacuate but have the storm arrive while you were caught on the road because of heavy traffic?
   ____ Yes
   ____ No **(SKIP TO Q12a)**
   ____ Don't Know/Depends
   ____ Other
   (Specify)_____

11. If emergency management officials were able to monitor traffic on the roads so that they could reassure you that if you left at a certain time you would still have enough time to reach your destination before the storm arrived, would that make you more likely to leave?
    ___ Yes
    ___ No
    ___ Don't Know/Depends
    ___ Other
    (Specify)_____

I would like to describe three different hurricanes to you and have you tell me whether you think you would be affected by each of them.

12a. First I would like you to consider a hurricane with winds of 100 MPH. That would be a category 2 hurricane on the Saffir-Simpson scale used to rate hurricanes, and the scale has five categories, with five being the strongest. If a category 2 hurricane with 100 MPH winds made landfall near your location, do you believe storm surge or waves from the hurricane would cause water to enter your home?
    ___ Yes (**Go to Q.12b)**
    ___ No (**Skip to Q. 12c**)
    ___ Don't Know/Depends (**Skip to Q.12c**)

12b. In a storm like that, a category 2 storm with winds of 100 MPH, do you believe the storm surge or waves reaching your home would be severe enough to pose a serious danger to your safety?
    ___ Yes
    ___ No
    ___ Don't Know/Depends

12c. Considering both wind and water, do you think it would be safe for you to stay in your home if a category 2 hurricane with 100 MPH winds hit near your location?
    ___ Yes
    ___ No
    ___ Don't Know/Depends

12d. In a category 2 hurricane with winds of 100 MPH, do you believe public safety officials in your county would issue a mandatory evacuation order requiring you to evacuate your home?
    ___ Yes

___ No
___ Don't Know/Depends

13a. Now I would like you to consider a hurricane with winds of 125 MPH. That's a category 3 storm on the Saffir-Simpson hurricane intensity scale, which meteorologists would consider a dangerous, major hurricane. If a strong category 3 storm with winds of 125 MPH made landfall near your location, do you believe storm surge or waves from the hurricane would cause water to enter your home?
___ Yes (**Go to Q.13b**)
___ No (**Skip to Q.13c)**
___ Don't Know/Depends (**Skip to Q.13c**)

13b. In a storm like that, a category 3 storm with winds of 125 MPH, do you believe the storm surge or waves reaching your home would be severe enough to pose a serious danger to your safety?
___ Yes
___ No
___ Don't Know/Depends

13c. Considering both wind and water, do you think it would be safe for you to stay in your home if a category 3 hurricane hit near your location with winds of 125 MPH?
___ Yes
___ No
___ Don't Know/Depends

13d. In a category 3 hurricane with winds of 125 MPH, do you believe public safety officials in your county would issue a mandatory evacuation order requiring you to evacuate your home?
___ Yes
___ No
___ Don't Know/Depends

14a. Finally, I would like you to consider a very strong hurricane with winds of 155 MPH. That would be a category 4 hurricane on the Saffir-Simpson scale, but it would be an extremely dangerous storm, and would almost be a category 5 on the scale. If a storm like that, a strong category 4 hurricane with winds of 155 MPH, made landfall near your location, do you believe storm surge or waves from the hurricane would cause water to enter your home?
___ Yes (**Go to Q.14b**)
___ No (**Skip to Q.14c**)
___ Don't Know/Depends (**Skip to Q.14c**)

14b. In a storm like that, a strong category 4 storm with winds of 155 MPH, do you believe the storm surge or waves reaching your home would be severe enough to pose a serious danger to your safety?

___ Yes
___ No
___ Don't Know/Depends

14c. Considering both wind and water, do you think it would be safe for you to stay in your home if a strong category 4 hurricane with winds of 155 MPH hit near your location?
___ Yes
___ No
___ Don't Know/Depends

14d. In a strong category 4 storm with winds of 155 MPH, do you believe public safety officials in your county would issue a mandatory evacuation order requiring you to evacuate your home?
___ Yes
___ No
___ Don't Know/Depends

I would like for you to consider a possible situation that might exist in the future. With that in mind, please tell me what you would do in the following situations:

15a. Suppose there's a **category 1** hurricane approaching from southeast of here. That's a category 1 storm on a scale that goes up to 5. The storm has **winds of 80 MPH**, and there's a hurricane WARNING in effect for your community and all of the Delmarva Peninsula. Officials have called for evacuation of all areas that would be flooded by a category 1 hurricane and also for all mobile homes. In that situation, do you think you would leave your home to go someplace safer?
_____ Yes
➔ _____ No **(SKIP TO Q16a)**
_____ Depends/Don't Know
_____ Other (specify)_____

15b. If you did evacuate, would you go to a public shelter, the home of a friend or relative, a hotel, or someplace else?
_____ Public shelter
_____ Friend or Relative
_____ Hotel/Motel
_____ Other Place (specify)_____
_____ Depends/Don't Know

15c. Would that be located in your own neighborhood, or someplace else?
➔ _____ Neighborhood **(SKIP TO Q16)**
_____ Somewhere Else
_____ Don't Know **(SKIP TO Q16)**

15d. In what city would that be located? **(If they cannot name a specific city, WRITE "NOT SURE")**

_____

15e. Is that **(ANSWER FROM Q15b)** located in your county?

_____ Yes **(SKIP TO Q16a)**
_____ No
_____ Don't Know

15f. Is it located on the Delmarva Peninsula?

_____ Yes
_____ No
_____ Don't Know

15g. In what state is that located?

_____ Delaware
_____ Maryland
_____ Virginia
_____ D.C.
_____ Pennsylvania
_____ Other (specify)_____
_____ Don't Know

15h. What main highway (s) would you use when you evacuated? **(DO NOT READ, ACCEPT UP TO 3)**

_____
_____
_____
_____ Don't Know

16a. Now suppose there's a strong **category 2** hurricane approaching from southeast of here; that's a category 2 storm on a scale that goes up to 5. The storm has **winds of 100 MPH**, and there's a hurricane WARNING in effect for all your community and all of the Delmarva Peninsula. Officials have called for the evacuation of all areas that would be flooded by a category 2 hurricane and also all mobile homes. In that situation, do you think you would leave your home to go someplace safer?

_____ Yes
_____ No **(SKIP TO Q17a)**
_____ Depends/Don't Know
_____ Other (specify)_____

16b. If you did evacuate, would you go to a public shelter, the home of a friend or relative, a hotel, or someplace else?

_____ Public shelter
_____ Friend or Relative

_____ Hotel/Motel
_____ Other Place (specify)_____
_____ Depends/Don't Know

16c. Would that be located in your own neighborhood, or someplace else?
_____ Neighborhood **(SKIP TO Q17a)**
_____ Somewhere Else
_____ Don't Know **(SKIP TO Q17a)**

16d. In what city would that be located? **(If they cannot name a specific city, WRITE "NOT SURE")**

_____

16e. Is that **(ANSWER FROM Q16a)** located in your county?
_____ Yes **(SKIP TO Q17a)**
_____ No
_____ Don't Know

16f. Is it located on the Delmarva Peninsula?
_____ Yes
_____ No
_____ Don't Know

16g. In what state is that located?
_____ Delaware
_____ Maryland
_____ Virginia
_____ D.C.
_____ Pennsylvania
_____ Other (specify)_____
_____ Don't Know

16h. What main highway (s) would you use when you evacuated? **(ACCEPT UP TO 3)**

_____
_____
_____
_____ Don't Know

17a. What if a **strong category 3** hurricane were approaching from southeast of here. That's a category 3 storm on a scale that goes up to 5. Meteorologists refer to a category 3 hurricane as a **major** hurricane. The storm has **winds of 125 MPH**, and there's a hurricane WARNING in effect for your community and for all of the Delmarva Peninsula. Officials have called for the evacuation of all areas that would be flooded by a category 3 hurricane and also for all mobile homes. In that situation, do you think you would leave your home to go someplace safer?

_____ Yes
➔ _____ No **(SKIP TO Q18)**
_____ Depends/Don't Know
_____ Other (specify)_____

17b. If you did evacuate, would you go to a public shelter, the home of a friend or relative, a hotel, or someplace else?

_____ Public shelter
_____ Friend or Relative
_____ Hotel/Motel
_____ Other Place (specify)_____
_____ Depends/Don't Know

17c. Would that be located in your own neighborhood, or someplace else?

➔ _____ Neighborhood **(SKIP TO Q18)**
_____ Somewhere Else
_____ Don't Know **(SKIP TO Q18)**

17d. In what city would that be located? **(If they cannot name a specific city, WRITE "NOT SURE")**

_____

17e. Is that **(ANSWER FROM Q17a)** located in your county?

➔ _____ Yes **(SKIP TO Q18)**
_____ No
_____ Don't Know

17f. Is it located on the Delmarva Peninsula?

_____ Yes
➔ _____ No
➔ _____ Don't Know

17g. In what state is that located?

_____ Delaware
_____ Maryland
_____ Virginia
_____ D.C.
_____ Pennsylvania
_____ Other (specify)_____

_____ Don't Know

17h. What main highway (s) would you use when you evacuated? **(ACCEPT UP TO 3)**

_____
_____
_____
_____ Don't Know

18. Suppose public safety officials arranged for public shelter space to be provided for evacuees from your community in an inland location off the Delmarva Peninsula, but in a different location than you would normally prefer to evacuate to. Would you be likely to go to that location to take advantage of the shelter being provided?

_____ Yes
_____ No
_____ Don't Know/Depends
_____ Not Applicable – Wouldn't Evacuate
_____ Other (specify)_____

19. Do you know the location of the nearest public shelter to your home, where your household could take shelter in an evacuation **IF** you chose to do that?

_____ Yes
_____ No
_____ Don't Know/Depends/Not Sure
_____ Other (specify)_____

20. Have you identified the safest location in your home to ride out a strong hurricane if you had to?

____ Yes
____ No
____ Don't Know/Not Sure

21. If officials advised you to use an evacuation route other than the one you would normally plan to use, in order to avoid congestion, would you be willing to do that, even if the recommended route required you to drive farther than you would normally drive to reach your destination?

_____ Yes
_____ Plan to do that anyhow
_____ No
_____ Don't Know/Depends
_____ Not Applicable – Wouldn't Evacuate
_____ Other (specify)_____

22. Do you and your family currently have a definite plan for deciding whether to evacuate and where to go if a hurricane threatened?

_____ Yes
_____ No
_____ Not very definite
_____ Don't Know
_____ Other (specify)_____

23. We're interested in how you would get most of your information about a hurricane that could threaten this area - where the storm was; when it was going to hit; how severe it was. I'm going to list a number of different ways you might get information, and I'd like you to tell me whether you would rely upon that source none at all (0), a little (1), a fair amount (2), or a great deal (3). **(READ & ROTATE)**

	None	Little	Fair Amount	Great Deal	
a	0	1	2	3	Local radio stations
b	0	1	2	3	Local television stations
c	0	1	2	3	CNN on cable or satellite
d	0	1	2	3	The Weather Channel on cable or satellite
e	0	1	2	3	Other TV stations on cable or satellite
f	0	1	2	3	The Internet
g	0	1	2	3	Services like America Online (AOL) or Compuserve
h	0	1	2	3	Word of mouth

24. Do you have any kind of window protection such as storm shutters, security film, or plywood sheets designed to protect your windows during a strong hurricane?

_____ Yes
_____ No **(SKIP TO Q27)**
_____ Don't Know/Not Sure **(SKIP TO Q28)**

25. What kind of protection is it? **(ACCEPT UP TO 3 ANSWERS)**

_____ Permanent roll-down metal panels
_____ Removable metal panels
_____ Plywood sheets
_____ Security Film
_____ Impact-resistant glass
_____ Other (specify)_____
_____ Don't Know/Not Sure

26. About what percentage of the total window and sliding glass door area of your home is protected?
_____ Less than half (less than 50%)
_____ About half (50%)
_____ More than half, but not all (51% to 99%)
_____ All (100%)
_____ Other (specify) _____
_____ Don't know

➔ **IF ANSWERING Q26, SKIP TO Q28**

27. If not, why not? **(CATEGORIZE)**
_____ Don't need it
_____ Too expensive
_____ Don't think it works
_____ Don't have enough time to do it
_____ Other (specify) _____
_____ Don't know

28. About how much do you think window protection such as storm shutters would cost per window? **(PAUSE - READ IF NECESSARY)**
_____ Under $10
_____ $10 to $50
_____ $51 to $100
_____ $101 to $200
_____ $201 to $500
_____ Over $500
_____ Don't Know/Not Sure

29. Do you believe window protection like that would mainly just prevent the windows from breaking and reduce the danger of flying glass, or do you believe they would also significantly reduce the total damage your house would suffer in other ways?
_____ Mainly Windows
_____ Total Damage Also
_____ Don't Know/Not Sure

30. Other than window protection, what permanent improvements, if any, have you made to your home to reduce the damage to your property in a hurricane? **(CATEGORIZE) (PROBE UP TO 2)**
a _____Roof/truss Strengthening
b _____Door/Garage Door Protection
c _____Flood proofing/Elevation on Pilings/Stilts
d _____Other (specify)_____
e _____ None
f _____Don't Know/Not Sure

31. Is your home or building elevated on pilings, a special foundation, or fill material to raise it above flood water?
_____ Yes
_____ No
_____ Don't Know/Not Sure

32. How much money have you spent on changes to your home to make it stronger or safer from hurricanes and other coastal storms? **(99999=DK)**
$_____.00

33. If your homeowners insurance company offered to reduce the price of your insurance premium by 15% if you were to make your home stronger by installing permanent window protection such as storm shutters, would you be willing to do it?
(IF NO, PROBE WHY NOT)
_____ Yes
_____ No, already have window protection
_____ No, would cost more than it saved
_____ No, would look unattractive
_____ No, don't need them in this area
_____ No, don't own home
_____ No, other (specify)_____
_____ Depends on Cost/Savings
_____ Don't Know

34. What was the most damage, in dollars, you've ever experienced to your property as the result of a hurricane or other coastal storm?
_____ None
_____ Less than $1,000
_____ $1,000 to $4,999
_____ $5,000 to $9,999
_____ $10,000 to $24,999
_____ $25,000 to $49,999
_____ $50,000 or more
_____ Don't Know/Refused

NOW WE HAVE JUST A FEW MORE QUESTIONS FOR BACKGROUND PURPOSES ONLY.

35. Which of the following types of structures do you live in? Do you live in a: **(READ)**
____ Detached single family home?
____ Duplex, triplex, quadraplex home?
____ Multi-family building -- 4 stories or less? (Apartment/condo)
____ Multi-family building -- more than 4 stories (Apartment/condo)
____ Mobile home
____ Manufactured house
____ Some other type of structure (specify) _____
____ Don't Know
___ Refused

➔ **IF ANSWER IS <u>NOT</u> MOBILE HOME OR MANUFACTURED HOUSE, GO TO Q 36**

35a. In what year did you buy your Mobile Home or Manufactured House? **(2222=Don't Know)**

_____

36. How old were you on your last birthday?
____ Number of years **(111 = DK) (112=REFUSED)**

37. How long have you lived in your present home? **(ROUND UP) (111 = DK) (112=REFUSED)**
____ Number of years

38. How long have you lived on the Delmarva Peninsula? **(ROUND UP) (111 = DK)(112=REFUSED)**
____ Number of years

39. How many people live in your household, including yourself? **(33 = DK) (34=REFUSED)**
____ Number of people **(IF 1, SKIP TO Q41)**

40. How many of these are children, 17 or younger? **(33 = DK) (34=REFUSED)**
____ Number of children

41. Do you own your home or rent?
____ Own
____ Rent
____ Other (specify)_____

42. Do you have any pets?
____ Yes
____ No **(SKIP TO Q43)**
____ Refused **(SKIP TO Q43)**

42a. What would you do with your pets during a hurricane evacuation?
____ Stay behind with them
____ Take them to our destination with us
____ Leave them at home
____ Board them
____ Leave them with a friend
____ Leave some, take some
____ Don't know
____ Refused
____ Other (specify)_____

42b. Are you aware that public shelters don't allow pets inside?
____ Yes
____ No

43. Do you own a boat that you would need to move or secure if a hurricane threatened this area?

____ Yes
____ No **(SKIP TO Q44)**
____ Refused **(SKIP TO Q44)**

43a. Do you keep it on your property where you live or is it stored or docked someplace else?

____ On property
____ Someplace else
____ DK/Refused

44. Which race or ethnic background best describes you? **(READ)**

____ African American or Black
____ Asian
____ Caucasian or White
____ Hispanic
____ American Indian
____ Other (specify)_____
____ Refused

45. Which of the following ranges best describes your total household income for the year 2001? **(READ)**

____ Less than $12,000
____ $12,000 to $24,999
____ $25,000 to $39,999
____ $40,000 to $79,999
____ Over $80,000
____ Refused

46. Which category best describes your education level?

____ Some high school
____ High school graduate
____ Some college
____ College graduate
____ Post graduate
____ Refused

Thank you so much. In case my supervisor would like to check on my work, may I get your first name only?

47. _____

RECORD INTERVIEW INFORMATION ON RESPONDENT DISPOSITION SHEET

48. Sex of respondent _____ Male _____ Female

49. Interviewer Name _____
50. Date of survey _____
51. Phone number _____
52. Risk Zone _____ 1= Cat 1
    2= Cat 2
    3= Cat 3
    4= Cat 4
    5=Non-surge
53. State
    1=Delaware
    2=Maryland
    3=Virginia

54. Survey Location
    1=Delaware Bay, N. of Rehoboth B.
    2=Delaware Atlantic Beaches
    3=Delaware Atlantic Mainland
    4=Ocean City Beaches
    5=Ocean City Mainland
    6=Southern Peninsula (Crisfield to Chincoteague, south)
    7=Chesapeake Bay (N. of Crisfield)
    8=Non-surge

Interviewer please record gender, risk zone, state, survey location, your name, & date completed on back.

Appendix E

CAPE MAY COUNTY
BEHAVIORAL DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND

EVACUATION AREAS	Participation Rates												Permanent Resident Destination Percentages								Vehicle Usage		Tourist Destination Percentages							
	Cat 1 Part. Rate Perm. Units	Cat 1 Part. Rate MH Units	Cat 1 Part. Rate Tour. Units	Cat 2 Part. Rate Perm. Units	Cat 2 Part. Rate MH Units	Cat 2 Part. Rate Tour. Units	Cat 3 Part. Rate Perm. Units	Cat 3 Part. Rate MH Units	Cat 3 Part. Rate Tour. Units	Cat 4 Part. Rate Perm. Units	Cat 4 Part. Rate MH Units	Cat 4 Part. Rate Tour. Units	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County	Vehicle Usage % Perm. & MH	Vehicle Usage % Tourist	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
OC-NORTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
OC-CENTRAL	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
OC-SOUTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
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	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
UPPER TWP-MEADOWS	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
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5	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
STRATHMERE	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
6	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
SEA ISLE-NORTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
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7	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
SEA ISLE-SOUTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
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	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
8	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
DENNIS TWP-MEADOWS	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
9	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
AVALON	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
10	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLE TWP-MEADOWS-NORTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
11	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
STONE HARBOR	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
12	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLE TWP-MEADOWS-CENTRAL	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
13	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLE TWP-CMCH_PKWY_EAST	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
14	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLE TWP-MEADOWS-SOUTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
15	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
NORTH WILDWOOD	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
16	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
WILDWOOD	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
17	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
WILDWOOD CREST	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
18	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
WEST WILDWOOD	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
19	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
LOWER TWP-SHAWCREST	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
20	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
LOWER TWP-BEACH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
21	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
LOWER TWP-MEADOWS	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
22	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
CAPE MAY	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
WEST CAPE MAY	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
24	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
CAPE MAY POINT AREA	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
25	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
LOWER TWP-SOUTH CANAL	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
26	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
LOWER TWP-INLAND	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
27	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
LOWER TWP-DELAWARE BAY	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
28	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLE TWP-INLAND-SOUTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%

	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
29	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLE TWP-DEL BAY-SOUTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
30	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLE TWP-INLAND-CENTRAL	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
31	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLE TWP-DEL BAY-CENTRAL	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
32	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLE TWP-INLAND-NORTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
33	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLE TWP-DEL BAY-NORTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
34	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
DENNIS TWP-EAST	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
35	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
WOODBINE AREA	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	90%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
36	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
DENNIS TWP-WEST	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
37	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
UPPER TWP-NE	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
38	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
UPPER TWP-NORTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%

ATLANTIC COUNTY
BEHAVIORAL DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND

EVACUATION AREAS	Participation Rates												Permanent Resident Destination Percentages								Vehicle Usage		Tourist Destination Percentages							
	Cat 1 Part. Rate Perm. Units	Cat 1 Part. Rate MH Units	Cat 1 Part. Rate Tour. Units	Cat 2 Part. Rate Perm. Units	Cat 2 Part. Rate MH Units	Cat 2 Part. Rate Tour. Units	Cat 3 Part. Rate Perm. Units	Cat 3 Part. Rate MH Units	Cat 3 Part. Rate Tour. Units	Cat 4 Part. Rate Perm. Units	Cat 4 Part. Rate MH Units	Cat 4 Part. Rate Tour. Units	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County	Vehicle Usage % Perm. & MH	Vehicle Usage % Tourist	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Galloway Twp-East	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Brigantine City	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Absecon Bay	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Atlantic City	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
5	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Ventnor	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
6	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Margate	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
7	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Longport	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
8	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Egg Harbor Twp-Meadows	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
9	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Somers Point	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
10	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Linwood	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
11	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Northfield	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
12	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Pleasantville	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
13	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
EH Twp-Pleasantville Ar	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
14	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Absecon City	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
15	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Galloway Twp-Central	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
16	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Port Republic Area	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
17	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Galloway Twp-West	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
18	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Egg Harbor City	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
19	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Mullica Twp	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
20	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Hammonton	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
21	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Egg Harbor Twp	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
22	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Corbin City	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Estell Manor	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
24	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Weymouth Twp-West	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
25	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Weymouth Twp-East	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
26	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Hamilton Twp-SW	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
27	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Hamilton Twp-SE	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
28	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Hamilton Twp-North	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%

	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
29	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	60%	80%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Buena Vista	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
30	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	60%	80%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Buena	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
31	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	60%	80%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Folsom	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%

OCEAN COUNTY BEHAVIORAL DATA New Jersey Hurricane Evacuation ReStudy 2006	LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND																															
	Participation Rates												Permanent Resident Destination Percentages								Vehicle Usage		Tourist Destination Percentages							
EVACUATION AREAS	Cat 1 Part. Rate Perm. Units	Cat 1 Part. Rate MH Units	Cat 1 Part. Rate Tour. Units	Cat 2 Part. Rate Perm. Units	Cat 2 Part. Rate MH Units	Cat 2 Part. Rate Tour. Units	Cat 3 Part. Rate Perm. Units	Cat 3 Part. Rate MH Units	Cat 3 Part. Rate Tour. Units	Cat 4 Part. Rate Perm. Units	Cat 4 Part. Rate MH Units	Cat 4 Part. Rate Tour. Units	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County	Vehicle Usage % Perm. & MH	Vehicle Usage % Tourist	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Long Beach township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Beach Haven borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Long Beach township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Ship Bottom borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
5	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Surf City borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
6	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Long Beach township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
7	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Harvey Cedars borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
8	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Long Beach township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
9	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Barnegat Light borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
10	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Berkeley township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
11	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Seaside Park borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
12	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Seaside Heights borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
13	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Berkeley township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
14	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Dover township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
15	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Lavallette borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
16	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Dover township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
17	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Brick township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
18	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Mantoloking borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
19	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Bay Head borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
20	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Point Pleasant Beach borou	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
21	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Point Pleasant Beach borou	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
22	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Point Pleasant borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Brick township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
24	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Brick township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
25	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Lakewood township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
26	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Dover township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
27	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Dover township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
28	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Island Heights borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%

	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
29	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
South Toms River borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
30	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Beachwood borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
31	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Pine Beach borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
32	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Ocean Gate borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
33	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Berkeley township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
34	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Berkeley township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
35	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Lacey township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
36	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Lacey township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
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	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
37	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Ocean township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
38	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Ocean township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
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	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
39	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Barnegat township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
40	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Barnegat township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
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	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
41	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Stafford township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
42	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Stafford township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
43	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Eagleswood township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
44	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Eagleswood township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
45	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Little Egg Harbor township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
46	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Little Egg Harbor township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
47	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Tuckerton borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
48	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Manchester township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
49	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Lakehurst borough	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
50	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Plumsted township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
51	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	90%	1%	1%	0%	0%	99%	99%	100%	100%
Jackson township	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	90%	1%	1%	0%	0%	99%	99%	100%	100%

MONMOUTH COUNTY
BEHAVIORAL DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND

EVACUATION AREAS	Participation Rates												Permanent Resident Destination Percentages								Vehicle Usage		Tourist Destination Percentages							
	Cat 1 Part. Rate Perm. Units	Cat 1 Part. Rate MH Units	Cat 1 Part. Rate Tour. Units	Cat 2 Part. Rate Perm. Units	Cat 2 Part. Rate MH Units	Cat 2 Part. Rate Tour. Units	Cat 3 Part. Rate Perm. Units	Cat 3 Part. Rate MH Units	Cat 3 Part. Rate Tour. Units	Cat 4 Part. Rate Perm. Units	Cat 4 Part. Rate MH Units	Cat 4 Part. Rate Tour. Units	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County	Vehicle Usage % Perm. & MH	Vehicle Usage % Tourist	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MATAWAN BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ABERDEEN TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
KEYPORT BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
UNION BEACH BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
5	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
HAZLET TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
6	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
KEANSBURG BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
7	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MIDDLETOWN TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
8	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ATLANTIC HIGHLANDS BO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
9	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
HIGHLANDS BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
10	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
RED BANK BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
11	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
FAIR HAVEN BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
12	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
RUMSON BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
13	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
GATEWAY NAT'L REC AREA	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
14	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SEA BRIGHT BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
15	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SHREWSBURY TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
16	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SHREWSBURY BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
17	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
LITTLE SILVER BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
18	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MONMOUTH BEACH BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
19	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
EATONTOWN BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
20	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
OCEANPORT BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
21	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
WEST LONG BRANCH BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
22	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
LONG BRANCH CITY	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
OCEAN TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
24	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
DEAL BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
25	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ALLENHURST BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
26	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
INTERLAKEN BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
27	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
LOCH ARBOUR VILLAGE	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
28	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ASBURY PARK CITY	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%

	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
29	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
NEPTUNE TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
30	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
NEPTUNE CITY BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
31	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
BRADLEY BEACH BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
32	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
AVON-BY-THE-SEA BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
33	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
BELMAR BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
34	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SOUTH BELMAR BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
35	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SPRING LAKE BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
36	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SPRING LAKE HEIGHTS B	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
37	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SEA GIRT BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
38	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MANASQUAN BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
39	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
BRIELLE BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
40	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
WALL TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
41	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
TINTON FALLS BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
42	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
HOWELL TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
43	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
FARMINGDALE BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
44	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
COLTS NECK TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
45	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
HOLMDEL TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
46	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MARLBORO TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
47	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
FREEHOLD TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
48	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
FREEHOLD BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
49	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MANALAPAN TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
50	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ENGLISHTOWN BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
51	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MILLSTONE TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
52	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ROOSEVELT BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
53	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
UPPER FREEHOLD TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%

CUMBERLAND COUNTY
BEHAVIORAL DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND

EVACUATION AREAS	Participation Rates												Permanent Resident Destination Percentages								Vehicle Usage		Tourist Destination Percentages							
	Cat 1 Part. Rate Perm. Units	Cat 1 Part. Rate MH Units	Cat 1 Part. Rate Tour. Units	Cat 2 Part. Rate Perm. Units	Cat 2 Part. Rate MH Units	Cat 2 Part. Rate Tour. Units	Cat 3 Part. Rate Perm. Units	Cat 3 Part. Rate MH Units	Cat 3 Part. Rate Tour. Units	Cat 4 Part. Rate Perm. Units	Cat 4 Part. Rate MH Units	Cat 4 Part. Rate Tour. Units	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County	Vehicle Usage % Perm. & MH	Vehicle Usage % Tourist	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
MAURICE RIVER TWP-South	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
BAYSIDE-SOUTHERN STATE	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
MAURICE RIVER TWP-Central	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
MR TWP-PORT ELIZ-MANUMUSKIN	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
5	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
MAURICE RIVER TWP-NE	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
6	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
COMMERCIAL TWP-SOUTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
7	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
COMMERCIAL TWP-SOUTH-CENTRAL	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
8	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
COMMERCIAL TWP-NORTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
9	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
MILLVILLE CITY-SOUTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
10	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
MILLVILLE CITY-NORTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
11	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
VINELAND CITY	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
12	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
DOWNE TWP-SOUTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
13	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
DOWNE TWP-CENTRAL	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
14	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
DOWNE TWP-NORTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
15	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
LAWRENCE TWP-SW	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
16	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
LAWRENCE TWP-NE	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
17	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
FAIRFIELD TWP-SW	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
18	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
FAIRFIELD TWP-NE	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
19	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
DEERFIELD TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
20	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
BRIDGETON CITY	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
21	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
UPPER DEERFIELD TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
22	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
HOPEWELL TWP-SOUTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
HOPEWELL TWP-CENTRAL	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
24	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
HOPEWELL TWP-NORTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
25	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
SHILOH BORO	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
26	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
GREENWICH TWP-SOUTH	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
27	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
STOW CREEK TWP-SW	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
28	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	40%	50%	60%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
STOW CREEK TWP-CENTRAL	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%

	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
29	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	60%	50%	40%	30%	20%	60%	60%	60%	95%	1%	1%	0%	0%	99%	99%	100%	100%
STOW CREEK TWP-NORTH	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	75%	65%	55%	45%	25%	35%	45%	55%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	80%	70%	60%	50%	20%	30%	40%	50%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	85%	80%	70%	60%	15%	20%	30%	40%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%

NORTH JERSEY COUNTIES
BEHAVIORAL DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND

HUDSON EVACUATION AREAS	Participation Rates												Permanent Resident Destination Percentages								Vehicle Usage		Tourist Destination Percentages							
	Cat 1 Part. Rate Perm. Units	Cat 1 Part. Rate MH Units	Cat 1 Part. Rate Tour. Units	Cat 2 Part. Rate Perm. Units	Cat 2 Part. Rate MH Units	Cat 2 Part. Rate Tour. Units	Cat 3 Part. Rate Perm. Units	Cat 3 Part. Rate MH Units	Cat 3 Part. Rate Tour. Units	Cat 4 Part. Rate Perm. Units	Cat 4 Part. Rate MH Units	Cat 4 Part. Rate Tour. Units	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County	Vehicle Usage % Perm. & MH	Vehicle Usage % Tourist	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Bayonne South	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Bayonne East	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Bayonne West	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Jersey City East	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
5	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Jersey City Central	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
6	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Jersey City West	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
7	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Hoboken City	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
8	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Weehawken Hudson	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
9	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Weehawken Central	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
10	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Union City	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
11	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
West New York Hudson	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
12	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
West New York Central	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
13	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Guttenberg Hudson	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
14	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Guttenberg Central	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
15	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
North Bergen Hudson	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
16	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
North Bergen Central	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
17	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
North Bergen Bay	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
18	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Secaucus Town	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
19	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Kearny Town	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
20	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
Harrison Town	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
21	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
East Newark Boro	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%

SALEM EVACUATION AREAS	Participation Rates												Permanent Resident Destination Percentages								Vehicle Usage		Tourist Destination Percentages							
	Cat 1 Part. Rate Perm. Units	Cat 1 Part. Rate MH Units	Cat 1 Part. Rate Tour. Units	Cat 2 Part. Rate Perm. Units	Cat 2 Part. Rate MH Units	Cat 2 Part. Rate Tour. Units	Cat 3 Part. Rate Perm. Units	Cat 3 Part. Rate MH Units	Cat 3 Part. Rate Tour. Units	Cat 4 Part. Rate Perm. Units	Cat 4 Part. Rate MH Units	Cat 4 Part. Rate Tour. Units	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County	Vehicle Usage % Perm. & MH	Vehicle Usage % Tourist	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
OLDMANS TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
CARNEYS POINT TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
PENNS GROVE BORO	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
PENNSVILLE TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
5	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
MANNINGTON TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
6	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
SALEM CITY	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%

	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
7	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
ELSINBORO TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
8	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
LOWER ALLOWAYS CREEK TW	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
9	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
QUINTON TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
10	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
ALLOWAY TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
11	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
PILESGROVE TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
12	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
WOODSTOWN BORO	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
13	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
UPPER PITTSGROVE TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
14	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
ELMER BORO	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
15	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	95%	1%	1%	0%	0%	99%	99%	100%	100%
PITTSGROVE TWP	2%	70%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	5%	70%	47%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	33%	1%	70%	47%	2%	100%	50%	5%	100%	50%	99%	99%	99%	95%	1%	1%	1%	5%	70%	95%	1%	1%	0%	0%	99%	99%	100%	100%

UNION EVACUATION AREAS	Participation Rates												Permanent Resident Destination Percentages								Vehicle Usage		Tourist Destination Percentages							
	Cat 1 Part. Rate Perm. Units	Cat 1 Part. Rate MH Units	Cat 1 Part. Rate Tour. Units	Cat 2 Part. Rate Perm. Units	Cat 2 Part. Rate MH Units	Cat 2 Part. Rate Tour. Units	Cat 3 Part. Rate Perm. Units	Cat 3 Part. Rate MH Units	Cat 3 Part. Rate Tour. Units	Cat 4 Part. Rate Perm. Units	Cat 4 Part. Rate MH Units	Cat 4 Part. Rate Tour. Units	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County	Vehicle Usage % Perm. & MH	Vehicle Usage % Tourist	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
BERKELEY HEIGHTS TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
CLARK TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
CRANFORD TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ELIZABETH CITY	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
5	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
FANWOOD BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
6	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
GARWOOD BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
7	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
HILLSIDE TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
8	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
KENILWORTH BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
9	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
LINDEN CITY	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
10	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MOUNTAINSIDE BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
11	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
NEW PROVIDENCE BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
12	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
PLAINFIELD CITY	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
13	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
RAHWAY CITY	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
14	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ROSELLE BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
15	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ROSELLE PARK BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
16	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SCOTCH PLAINS TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
17	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SPRINGFIELD TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
18	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SUMMIT CITY	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
19	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
UNION TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%

	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
20	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
WESTFIELD TOWN	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
21	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
WINFIELD TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%

ESSEX EVACUATION AREAS	Participation Rates												Permanent Resident Destination Percentages								Vehicle Usage		Tourist Destination Percentages							
	Cat 1 Part. Rate Perm. Units	Cat 1 Part. Rate MH Units	Cat 1 Part. Rate Tour. Units	Cat 2 Part. Rate Perm. Units	Cat 2 Part. Rate MH Units	Cat 2 Part. Rate Tour. Units	Cat 3 Part. Rate Perm. Units	Cat 3 Part. Rate MH Units	Cat 3 Part. Rate Tour. Units	Cat 4 Part. Rate Perm. Units	Cat 4 Part. Rate MH Units	Cat 4 Part. Rate Tour. Units	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County	Vehicle Usage % Perm. & MH	Vehicle Usage % Tourist	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
NEWARK 1	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
NEWARK 2	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
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	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
NEWARK 3	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
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4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
BELLEVILLE	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
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5	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
NUTLEY TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
6	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
BLOOMFIELD	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
7	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
GLEN RIDGE BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
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8	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
EAST ORANGE CITY	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
9	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
CITY OF ORANGE TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
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10	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
IRVINGTON TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
11	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MAPLEWOOD TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
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	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
12	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
SOUTH ORANGE VILLAGE TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
13	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
WEST ORANGE TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
14	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MONTCLAIR TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
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	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
15	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
VERONA TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
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	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
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16	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
CEDAR GROV	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
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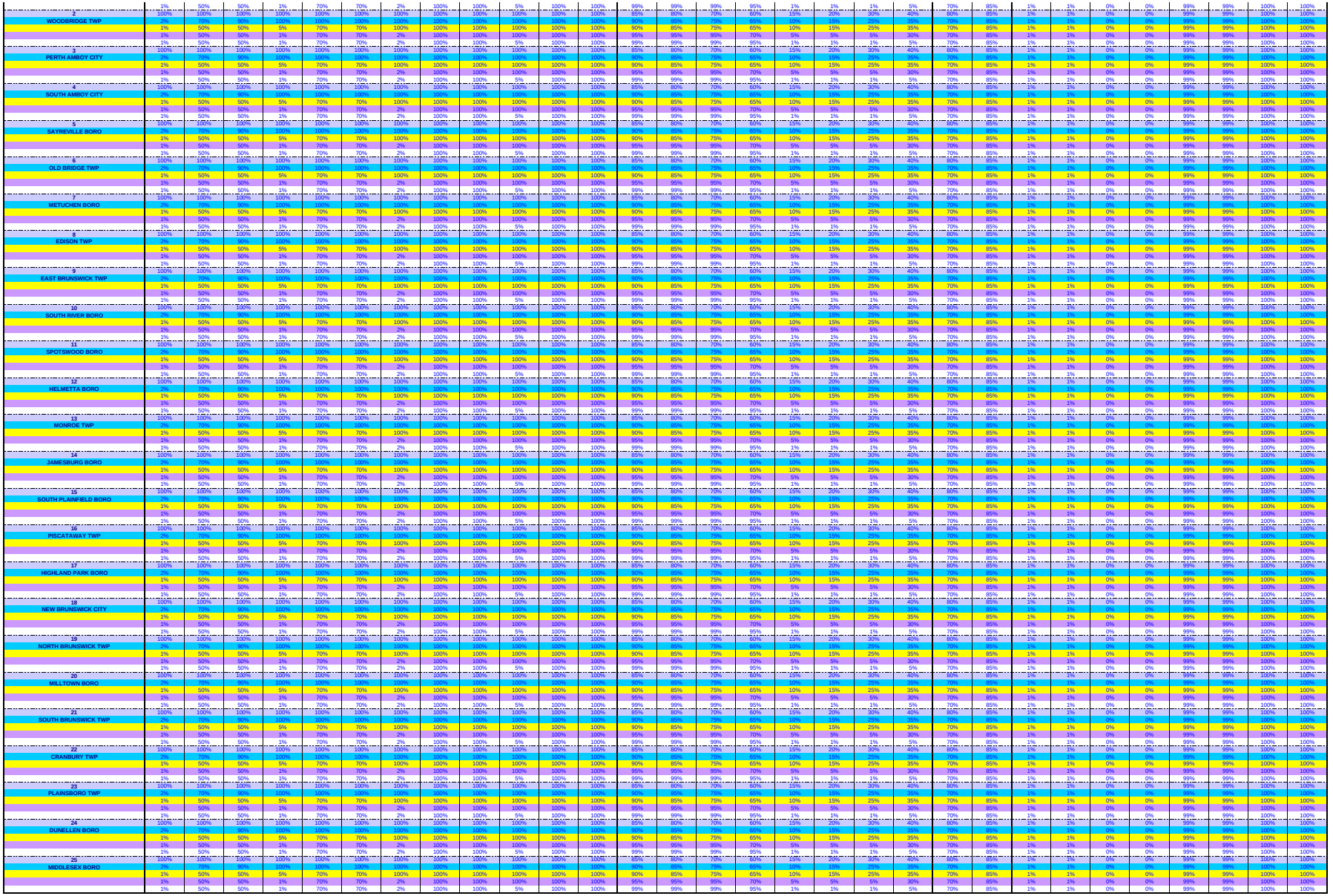
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
17	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
NORTH CALDWELL BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
18	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
FAIRFIELD TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
19	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
WEST CALDWELL TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
20	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
CALDWELL	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
21	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ESSEX FELLS TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
22	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
ROSELAND BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
LIVINGSTON TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
24	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
MILLBURN TWP	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	5%	100%	100%	99%	99%	99%	95%	1%	1%	1%	5%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%

MIDDLESEX EVACUATION AREAS	Participation Rates												Permanent Resident Destination Percentages								Vehicle Usage		Tourist Destination Percentages							
	Cat 1 Part. Rate Perm. Units	Cat 1 Part. Rate MH Units	Cat 1 Part. Rate Tour. Units	Cat 2 Part. Rate Perm. Units	Cat 2 Part. Rate MH Units	Cat 2 Part. Rate Tour. Units	Cat 3 Part. Rate Perm. Units	Cat 3 Part. Rate MH Units	Cat 3 Part. Rate Tour. Units	Cat 4 Part. Rate Perm. Units	Cat 4 Part. Rate MH Units	Cat 4 Part. Rate Tour. Units	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County	Vehicle Usage % Perm. & MH	Vehicle Usage % Tourist	Cat 1 Percent to Local Dest	Cat 2 Percent to Local Dest	Cat 3 Percent to Local Dest	Cat 4 Percent to Local Dest	Cat 1 Percent Out of County	Cat 2 Percent Out of County	Cat 3 Percent Out of County	Cat 4 Percent Out of County
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	80%	70%	60%	15%	20%	30%	40%	80%	85%	1%	1%	0%	0%	99%	99%	100%	100%
CARTERET BORO	2%	70%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	5%	70%	70%	100%	100%	100%	100%	100%	100%	90%	85%	75%	65%	10%	15%	25%	35%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%
	1%	50%	50%	1%	70%	70%	2%	100%	100%	100%	100%	100%	95%	95%	95%	70%	5%	5%	5%	30%	70%	85%	1%	1%	0%	0%	99%	99%	100%	100%



Appendix F

CAPE MAY COUNTY
EVACUATION STATISTICS DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND

EVACUATION AREAS	Evacuating People								Evacuating Vehicles							
	Cat 1 Evac Pop Low Occ	Cat 1 Evac Pop High Occ	Cat 2 Evac Pop Low Occ	Cat 2 Evac Pop High Occ	Cat 3 Evac Pop Low Occ	Cat 3 Evac Pop High Occ	Cat 4 Evac Pop Low Occ	Cat 4 Evac Pop High Occ	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
1	6,848	10,795	6,848	10,795	6,848	10,795	6,848	10,795	3,775	6,414	3,775	6,414	3,775	6,414	3,775	6,414
OC-NORTH	35	152	421	616	421	616	421	616	22	100	206	336	206	336	206	336
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	6,172	10,323	6,172	10,323	6,172	10,323	6,172	10,323	3,665	6,639	3,665	6,639	3,665	6,639	3,665	6,639
OC-CENTRAL	150	739	748	1,729	748	1,729	748	1,729	105	526	423	1,126	423	1,126	423	1,126
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2,572	5,145	2,572	5,145	2,572	5,145	2,572	5,145	1,620	3,445	1,620	3,445	1,620	3,445	1,620	3,445
OC-SOUTH	467	2,401	1,801	5,024	1,801	5,024	1,801	5,024	328	1,699	1,088	3,373	1,088	3,373	1,088	3,373
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	271	1,314	271	1,314	271	1,314	271	1,314	149	716	149	716	149	716	149	716
UPPER TWP-MEADOWS	0	0	3	3	3	3	3	3	0	0	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	446	1,621	446	1,621	446	1,621	446	1,621	307	1,184	307	1,184	307	1,184	307	1,184
STRATHMERE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	944	2,559	944	2,559	944	2,559	944	2,559	546	1,611	546	1,611	546	1,611	546	1,611
SEA ISLE-NORTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	2,600	6,208	2,600	6,208	2,600	6,208	2,600	6,208	1,605	4,076	1,605	4,076	1,605	4,076	1,605	4,076
SEA ISLE-SOUTH	212	1,090	830	2,293	830	2,293	830	2,293	144	745	483	1,485	483	1,485	483	1,485
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	381	2,030	381	2,030	381	2,030	381	2,030
DENNIS TWP-MEADOWS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1,945	4,644	1,945	4,644	1,945	4,644	1,945	4,644	1,201	3,049	1,201	3,049	1,201	3,049	1,201	3,049
AVALON	332	1,699	1,344	3,622	1,344	3,622	1,344	3,622	224	1,161	779	2,340	779	2,340	779	2,340
	1	6	2	9	7	22	7	22	1	4	1	6	4	14	4	14
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	315	1,010	315	1,010	315	1,010	315	1,010	208	650	208	650	208	650	208	650
MIDDLE TWP-MEADOWS-NORTH	1	2	14	17	14	17	14	17	0	2	8	10	8	10	8	10
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1,280	3,343	1,280	3,343	1,280	3,343	1,280	3,343	864	2,397	864	2,397	864	2,397	864	2,397
STONE HARBOR	154	791	568	1,631	568	1,631	568	1,631	113	587	362	1,151	362	1,151	362	1,151
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	195	812	195	812	195	812	195	812	134	543	134	543	134	543	134	543
MIDDLE TWP-MEADOWS-CENTRAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	346	1,118	346	1,118	346	1,118	346	1,118	174	580	174	580	174	580	174	580
MIDDLE TWP-CMCH_PKWY_EAST	107	154	488	566	488	566	488	566	46	71	207	248	207	248	207	248
	8	12	14	19	83	93	83	93	3	5	6	8	35	40	35	40
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	89	477	89	477	89	477	89	477
MIDDLE TWP-MEADOWS-SOUTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	5,538	11,018	5,538	11,018	5,538	11,018	5,538	11,018	2,907	6,502	2,907	6,502	2,907	6,502	2,907	6,502
NORTH WILDWOOD	149	735	893	1,871	893	1,871	893	1,871	95	479	432	1,074	432	1,074	432	1,074
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	5,693	10,249	5,693	10,249	5,693	10,249	5,693	10,249	2,256	5,037	2,256	5,037	2,256	5,037	2,256	5,037
WILDWOOD	102	483	871	1,505	871	1,505	871	1,505	58	290	310	697	310	697	310	697
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	3,224	5,662	3,224	5,662	3,224	5,662	3,224	5,662	1,943	3,528	1,943	3,528	1,943	3,528	1,943	3,528
WILDWOOD CREST	230	1,118	1,631	3,109	1,631	3,109	1,631	3,109	146	723	890	1,851	890	1,851	890	1,851
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	799	2,321	799	2,321	799	2,321	799	2,321	464	1,426	464	1,426	464	1,426	464	1,426
WEST WILDWOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	357	829	357	829	357	829	357	829	222	564	222	564	222	564	222	564
LOWER TWP-SHAWCREST	4	16	18	37	18	37	18	37	3	11	10	24	10	24	10	24
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	721	2,709	721	2,709	721	2,709	721	2,709	428	1,703	428	1,703	428	1,703	428	1,703
LOWER TWP-BEACH	26	90	34	142	34	142	34	142	14	56	20	89	20	89	20	89
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	153	730	153	730	153	730	153	730	139	680	139	680	139	680	139	680
LOWER TWP-MEADOWS	0	1	0	2	0	2	0	2	0	1	0	2	0	2	0	2
	0	0	0	1	0	1	0	1	0	0	0	1	0	1	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1,379	2,487	1,379	2,487	1,379	2,487	1,379	2,487	756	1,526	756	1,526	756	1,526	756	1,526
CAPE MAY	213	960	2,225	3,471	2,225	3,471	2,225	3,471	138	658	1,073	1,939	1,073	1,939	1,073	1,939
	43	194	85	301	791	1,250	791	1,250	28	133	51	201	382	702	382	702
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	459	1,016	459	1,016	459	1,016	459	1,016	255	617	255	617	255	617	255	617
WEST CAPE MAY	64	251	668	980	668	980	668	980	37	159	317	520	317	520	317	520
	10	29	20	46	173	229	173	229	5	17	10	27	81	117	81	117
	0	1	0	1	0	1	9	10	0	0	0	1	0	1	4	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	180	375	180	375	180	375	180	375	126	273	126	273	126	273	126	273
CAPE MAY POINT AREA	37	172	220	445	220	445	220	445	27	128	140	309	140	309	140	309
	1	5	2	8	16	28	16	28	1	4	1	6	10	19	10	19
	0	2	1	3	1	3	1	6	0	1	0	2	0	2	1	4
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	313	1,266	313	1,266	313	1,266	313	1,266	166	669	166	669	166	669	166	669
LOWER TWP-SOUTH CANAL	14	28	168	192	168	192	168	192	7	14	80	93	80	93	80	93
	15	28	30	49	286	326	286	326	7	14	15	24	136	157	136	157
	17	33	23	45	33	56	325	371	8	16	11	23	16	28	154	179
	2	5	3	6	4	8	6	9	1	2	1	3	2	4	3	5
26	517	1,442	517	1,442	517	1,442	517	1,442	279	789	279	789	279	789	279	789
LOWER TWP-INLAND	55	102	1,074	1,154	1,074	1,154	1,074	1,154	26	53	503	547	503	547	503	547
	49	77	113	152	1,307	1,390	1,307	1,390	23	39	54	75	611	657	611	657
	71	118	90	158	136	208	2,384	2,529	34	60	43	81	65	105	1,116	1,195
	37	65	47	86	71	114	114	156	18	33	23	44	34	57	54	77
27	248	1,112	248	1,112	248	1,112	248	1,112	139	645	139	645	139	645	139	645
LOWER TWP-DELAWARE BAY	436	1,525	7,434	9,250	7,434	9,250	7,434	9,250	222	860	3,110	4,172	3,110	4,172	3,110	4,172
	96	356	249	619	3,328	4,116	3,328	4,116	50	202	117	333	1,391	1,852	1,391	1,852
	71	270	90	374	119	421	2,475	3,078	37	153	49	215	61	237	1,035	1,388
	68	271	88	377	114	421	179	486	36	155	48	217	59	239	85	265
28	178	856	178	856	178	856	178	856	100	489	100	489	100	489	100	489
MIDDLE TWP-INLAND-SOUTH	283	367	880	1,020	880	1,020	880	1,020	124	172	382	462	382	462	382	462

EVACUATION AREAS	Evac Vehicles to Local Destinations								Evac Vehicles to Out of County							
	Local Dest Veh Cat 1 Low Occ	Local Dest Veh Cat 1 High Occ	Local Dest Veh Cat 2 Low Occ	Local Dest Veh Cat 2 High Occ	Local Dest Veh Cat 3 Low Occ	Local Dest Veh Cat 3 High Occ	Local Dest Veh Cat 4 Low Occ	Local Dest Veh Cat 4 High Occ	OutofCounty Veh Cat 1 Low Occ	OutofCounty Veh Cat 1 High Occ	OutofCounty Veh Cat 2 Low Occ	OutofCounty Veh Cat 2 High Occ	OutofCounty Veh Cat 3 Low Occ	OutofCounty Veh Cat 3 High Occ	OutofCounty Veh Cat 4 Low Occ	OutofCounty Veh Cat 4 High Occ
1	2,222	2,249	1,906	1,932	1,583	1,583	1,266	1,266	1,553	4,165	1,869	4,482	2,192	4,831	2,509	5,148
OC-NORTH	3	4	115	116	97	96	79	79	19	96	91	220	109	240	127	257
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2,092	2,122	1,794	1,824	1,489	1,489	1,191	1,191	1,573	4,517	1,871	4,815	2,176	5,150	2,474	5,448
OC-CENTRAL	7	10	171	179	144	144	117	118	98	516	252	947	279	982	306	1,008
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	843	862	724	742	599	600	480	480	777	2,583	896	2,703	1,021	2,845	1,140	2,965
OC-SOUTH	12	26	370	392	308	308	252	252	316	1,673	718	2,981	780	3,065	836	3,121
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	14	19	12	18	9	9	7	7	135	697	137	698	140	707	142	709
UPPER TWP-MEADOWS	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	75	84	65	73	52	52	42	42	232	1,100	242	1,111	255	1,132	265	1,142
STRATHMERE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	213	223	183	193	150	150	120	120	333	1,388	363	1,418	396	1,461	426	1,491
SEA ISLE-NORTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	730	755	627	651	518	517	414	414	875	3,321	978	3,425	1,087	3,559	1,191	3,662
SEA ISLE-SOUTH	5	11	166	176	138	138	113	113	139	734	317	1,309	345	1,347	370	1,372
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	4	20	4	20	0	0	0	0	377	2,010	377	2,010	381	2,030	381	2,030
DENNIS TWP-MEADOWS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	547	565	469	487	387	387	310	310	654	2,484	732	2,562	814	2,662	891	2,739
AVALON	8	18	276	292	230	231	188	189	216	1,143	503	2,048	549	2,109	591	2,151
	0	0	0	0	1	1	1	0	1	4	1	6	3	13	3	14
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	75	80	65	70	53	54	42	43	133	570	143	580	155	596	166	607
MIDDLE TWP-MEADOWS-NORTH	0	1	5	5	4	4	3	3	0	1	3	5	4	6	5	7
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	361	376	310	325	255	255	204	204	503	2,021	554	2,072	609	2,142	660	2,193
STONE HARBOR	4	9	119	126	99	99	81	81	109	578	243	1,025	263	1,052	281	1,070
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	29	33	25	29	20	20	16	16	105	510	109	514	114	523	118	527
MIDDLE TWP-MEADOWS-CENTRAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	57	61	49	53	40	40	32	32	117	519	125	527	134	540	142	548
MIDDLE TWP-CMCH_PKWY_EAST	30	31	129	129	109	109	89	89	16	40	78	119	98	139	118	159
	2	2	4	3	19	18	15	15	1	3	2	5	16	22	20	25
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	5	0	5	0	0	0	0	89	472	89	472	89	477	89	477
MIDDLE TWP-MEADOWS-SOUTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1,463	1,498	1,255	1,291	1,039	1,039	831	831	1,444	5,004	1,652	5,211	1,868	5,463	2,076	5,671
NORTH WILDWOOD	6	9	186	193	156	157	128	128	89	470	246	881	276	917	304	946
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1,136	1,164	975	1,003	807	807	646	646	1,120	3,873	1,281	4,034	1,449	4,230	1,610	4,391
WILDWOOD	4	6	144	148	121	122	99	99	54	284	166	549	189	575	211	598
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1,108	1,124	950	966	789	789	631	631	835	2,404	993	2,562	1,154	2,739	1,312	2,897
WILDWOOD CREST	11	17	436	446	367	367	300	301	135	706	454	1,405	523	1,484	590	1,550
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	171	181	147	157	121	121	97	97	293	1,245	317	1,269	343	1,305	367	1,329
WEST WILDWOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	101	105	87	91	72	72	57	58	121	459	135	473	150	492	165	506
LOWER TWP-SHAWCREST	1	1	4	5	4	4	3	3	2	10	6	19	6	20	7	21
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	97	110	83	97	67	68	53	54	331	1,593	345	1,606	361	1,635	375	1,649
LOWER TWP-BEACH	3	4	3	3	2	2	2	1	11	52	17	86	18	87	18	88
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	11	17	10	16	7	8	6	6	128	663	129	664	132	672	133	674
LOWER TWP-MEADOWS	0	0	0	0	0	0	0	0	0	1	0	2	0	2	0	2
	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	407	414	349	356	289	289	231	231	349	1,112	407	1,170	467	1,237	525	1,295
CAPE MAY	15	20	570	578	480	480	393	393	123	638	503	1,361	593	1,459	680	1,546
	3	4	11	12	169	170	139	139	25	129	40	189	213	532	243	563
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	121	124	104	107	86	85	69	68	134	493	151	510	169	532	186	549
WEST CAPE MAY	7	9	176	178	149	149	121	122	30	150	141	342	168	371	196	398
	2	2	4	4	40	39	33	32	3	15	6	23	41	78	48	85
	0	0	0	0	0	0	2	2	0	0	0	1	0	1	2	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	65	66	56	57	46	46	37	37	61	207	70	216	80	227	89	236
CAPE MAY POINT AREA	3	4	66	68	56	56	46	46	24	124	74	241	84	253	94	263
	0	0	0	1	4	4	4	3	1	4	1	5	6	15	6	16
	0	0	0	0	0	0	0	0	0	1	0	2	0	2	1	4
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	36	41	31	36	25	25	20	20	130	628	135	633	141	644	146	649
LOWER TWP-SOUTH CANAL	4	3	50	51	42	43	35	35	3	11	30	42	38	50	45	58
	4	4	8	8	72	72	59	59	3	10	7	16	64	85	77	98
	5	5	6	6	8	8	74	74	3	11	5	17	8	20	80	105
	1	0	0	1	1	1	2	2	0	2	1	2	1	3	1	3
26	114	120	98	104	81	81	64	65	165	669	181	685	198	708	215	724
LOWER TWP-INLAND	15	16	321	321	271	271	222	222	11	37	182	226	232	276	281	325
	15	16	32	32	330	330	270	270	8	23	22	43	281	327	341	387
	22	22	24	25	34	34	549	549	12	38	19	56	31	71	567	646
	12	12	15	14	20	20	29	29	6	21	8	30	14	37	25	48
27	17	22	14	20	11	11	9	9	122	623	125	625	128	634	130	636
LOWER TWP-DELAWARE BAY	58	65	1,865	1,875	1,576	1,576	1,289	1,289	164	795	1,245	2,297	1,534	2,596	1,821	2,883
	12	13	44	46	706	707	578	578	38	189	73	287	685	1,145	813	1,274
	8	9	8	10	12	12	477	477	29	144	41	205	49	225	558	911
	8	9	8	9	12	12	26	26	28	146	40	208	47	227	59	239
28	8	12	7	11	5	6	4	4	92	477	93	478	95	483	96	485
MIDDLE TWP-INLAND-SOUTH	85	85	236	237	200	200	164	163	39	87	146	225	182	262	218	299

	315	389	467	571	1,340	1,561	1,340	1,561	138	179	204	263	582	708	582	708	96	96	124	124	304	303	249	248	42	83	80	139	278	405	333	460
	256	329	352	497	902	814	2,041	2,264	112	154	154	214	219	293	882	1,010	82	82	98	99	123	123	426	426	30	72	56	115	96	160	456	504
	13	21	16	28	25	38	43	56	6	11	7	14	11	18	19	26	4	4	4	5	6	6	10	10	2	7	3	9	5	12	9	16
29	219	933	219	933	219	933	219	933	117	506	117	506	117	506	117	506	20	20	18	21	14	14	11	11	97	481	99	484	103	491	106	494
MIDDLE TWP-DEL BAY-SOUTH	71	165	1,556	1,712	1,556	1,712	1,556	1,712	33	84	679	764	679	764	679	764	16	17	429	430	363	363	297	297	17	67	250	334	316	401	382	467
	2	7	8	15	140	153	140	153	1	4	4	7	61	68	61	68	0	1	2	2	33	32	27	26	1	3	2	5	28	36	34	42
	0	0	0	0	0	0	5	5	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	238	970	238	970	238	970	238	970	127	517	127	517	127	517	127	517	22	23	20	28	18	19	15	15	100	496	104	499	109	498	112	502
MIDDLE TWP-INLAND-CENTRAL	74	117	695	767	695	767	695	767	36	59	333	371	333	371	333	371	23	23	211	211	178	178	146	146	13	36	122	160	155	193	187	225
	73	112	130	186	901	1,020	901	1,020	36	56	63	92	432	495	432	495	24	23	37	36	230	230	188	188	12	33	26	56	202	265	244	307
	114	160	154	219	223	292	1,711	1,850	55	79	74	109	107	144	818	892	40	39	46	47	59	59	400	400	15	40	28	62	48	85	418	492
	22	30	29	41	42	55	49	62	10	15	14	21	20	27	24	31	8	8	10	11	13	13	14	14	2	7	4	10	7	14	10	17
31	191	947	191	947	191	947	191	947	99	486	99	486	99	486	99	486	9	11	7	10	5	5	4	4	91	475	92	476	94	481	96	482
MIDDLE TWP-DEL BAY-CENTRAL	23	37	151	174	151	174	151	174	11	18	73	85	73	85	73	85	7	7	46	46	39	39	31	32	4	11	27	39	34	46	42	53
	2	3	3	5	20	24	20	24	1	1	2	2	10	12	10	12	1	0	1	0	5	6	4	5	0	1	1	2	5	6	6	7
	4	5	5	7	7	9	42	48	2	3	2	4	3	5	21	23	1	2	1	2	1	2	10	10	1	1	1	2	2	3	11	13
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	264	1,004	264	1,004	264	1,004	264	1,004	140	527	140	527	140	527	140	527	36	40	31	35	26	26	20	20	104	497	109	492	115	502	120	507
MIDDLE TWP-INLAND-NORTH	56	103	1,189	1,268	1,189	1,268	1,189	1,268	27	52	560	601	560	601	560	601	16	17	358	358	303	303	248	248	11	35	202	243	257	298	312	353
	37	84	103	170	1,482	1,624	1,482	1,624	18	42	49	84	699	773	699	773	9	9	27	27	375	375	307	307	9	33	22	57	324	398	392	466
	32	73	41	100	59	122	1,080	1,205	15	37	20	51	29	61	509	575	8	8	9	10	13	12	247	247	7	29	11	41	16	49	262	328
	6	18	8	25	11	29	17	35	3	9	4	13	5	15	8	18	1	1	2	2	2	2	3	4	2	8	2	11	3	13	5	14
33	308	1,083	308	1,083	308	1,083	308	1,083	163	558	163	558	163	558	163	558	51	54	44	47	38	39	29	28	112	504	119	511	127	523	134	530
MIDDLE TWP-DEL BAY-NORTH	22	35	126	147	126	147	126	147	11	17	61	72	61	72	61	72	7	7	38	38	32	32	26	26	4	10	23	34	29	40	35	46
	4	5	6	9	42	48	42	48	2	3	3	4	21	23	21	23	1	2	2	1	11	11	9	9	1	1	1	3	10	12	12	14
	3	4	4	6	6	8	20	24	2	2	2	3	3	4	10	12	2	1	1	1	2	2	5	5	0	1	1	2	1	2	5	7
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	859	4,246	859	4,246	859	4,246	859	4,246	422	2,073	422	2,073	422	2,073	422	2,073	32	49	28	45	20	20	16	16	390	2,024	394	2,028	402	2,063	406	2,067
DENNIS TWP-EAST	8	17	323	338	323	338	323	338	4	8	149	157	149	157	149	157	2	2	96	96	61	62	66	67	2	8	53	61	68	75	83	90
	14	30	59	81	1,077	1,126	1,077	1,126	7	15	27	38	498	521	498	521	4	4	16	16	271	270	222	221	3	11	11	22	227	251	276	300
	20	42	22	53	37	70	1,458	1,526	9	20	10	26	17	34	674	707	5	5	4	5	8	8	333	333	4	15	6	21	9	26	341	374
	18	37	19	48	33	63	72	102	8	18	9	23	15	30	33	48	5	5	5	5	8	8	18	18	3	13	4	18	7	22	15	30
35	266	1,259	266	1,259	266	1,259	266	1,259	131	622	131	622	131	622	131	622	14	18	12	17	9	9	7	7	117	604	119	609	122	613	124	619
WOODBINE AREA	7	8	316	318	316	318	316	318	3	3	132	133	132	133	132	133	2	2	86	86	72	72	59	59	1	1	46	47	60	61	73	74
	4	4	17	18	344	346	344	346	2	2	7	8	144	145	144	145	2	1	4	5	79	79	65	65	0	1	3	3	65	66	79	80
	2	3	2	4	3	5	151	155	1	1	1	2	1	2	63	65	1	0	1	1	0	0	31	31	0	1	0	1	1	2	32	34
	122	283	163	392	226	469	288	532	54	133	72	186	99	219	125	245	31	31	37	39	50	49	58	58	23	102	35	147	49	170	67	187
36	900	4,354	900	4,354	900	4,354	900	4,354	439	2,089	439	2,089	439	2,089	439	2,089	45	62	39	56	29	30	23	24	394	2,027	400	2,033	410	2,059	416	2,065
DENNIS TWP-WEST	4	5	194	196	194	196	194	196	2	3	97	98	97	98	97	98	1	2	63	63	53	53	43	44	1	1	34	35	44	45	54	54
	1	1	7	7	147	147	147	147	1	1	4	4	74	74	74	74	1	1	3	3	41	41	34	34	0	0	1	1	33	33	40	40
	0	0	0	0	1	1	38	38	0	0	0	0	0	0	19	19	0	0	0	0	0	0	9	9	0	0	0	0	0	0	10	10
	7	9	7	9	14	16	35	38	4	4	4	4	7	8	17	18	3	3	3	2	5	5	10	10	1	1	1	2	2	3	7	8
37	511	1,669	511	1,669	511	1,669	511	1,669	273	851	273	851	273	851	273	851	99	105	85	91	70	70	56	56	174	746	188	760	203	781	217	795
UPPER TWP-NE	117	211	699	856	699	856	699	856	58	106	349	427	349	427	349	427	35	37	215	216	182	182	149	149	23	69	134	211	167	245	200	278
	58	123	111	203	936	1,131	936	1,131	29	61	56	101	466	564	466	564	16	16	30	29	244	244	199	200	13	45	26	72	222	320	267	364
	148	244	196	333	285	431	3,122	3,414	74	122	98	166	142	215	1,555	1,702	50	51	58	58	75	75	760	761	24	71	40	108	67	140	795	841
	192	408	255	562	361	688	481	808	96	204	127	281	180	343	240	403	61	62	74	76	100	99	121	121	35	142	53	205	80	244	119	282
38	319	1,531	319	1,531	319	1,531	319	1,531	152	715	152	715	152	715	152	715	17	22	15	20	11	11	9	8	135	693	137	695	141	704	143	707
UPPER TWP-NORTH	3	5	161	162	161	162	161	162	2	2	78	79	78	79	78	79	1	1	51	51	43	43	35	35	1	1	1	27	28	36	43	44
	4	6	21	22	403	406	403	406	2	3	10	11	196	198	196	198	1	2	6	7	108	108	88	88	1	1	4	4	88	90	108	110
	5	6	5	7	9	11	439	443	2	3	2	3	4	5	214	215	1	2	1	1	2	2	107	106	1	1	1	2	2	3	107	109
	19	24	19	27	37	45	91	99	9	12	9	13	18	22	44	48	7	8	6	7	12	12	26	26	2	4	3	6	6	10	18	22
CAPE MAY TOTALS	**53,209**	**126,470**	**78,597**	**159,436**	**90,693**	**172,816**	**105,010**	**187,965**	**29,978**	**76,081**	**41,764**	**94,852**	**47,246**	**101,086**	**53,858**	**108,155**	**13,416**	**13,897**	**18,479**	**19,010**	**18,344**	**18,348**	**18,132**	**18,136**	**16,562**	**64,184**	**23,285**	**75,842**	**28,902**	**82,738**	**35,726**	**90,019**

ATLANTIC COUNTY
EVACUATION STATISTICS DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND

EVACUATION AREAS	Evacuating People								Evacuating Vehicles							
	Cat 1 Evac Pop Low Occ	Cat 1 Evac Pop High Occ	Cat 2 Evac Pop Low Occ	Cat 2 Evac Pop High Occ	Cat 3 Evac Pop Low Occ	Cat 3 Evac Pop High Occ	Cat 4 Evac Pop Low Occ	Cat 4 Evac Pop High Occ	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
1	395	403	395	403	395	403	395	403	197	201	197	201	197	201	197	201
Galloway Twp-East	3	3	131	131	131	131	131	131	1	1	57	57	57	57	57	57
	2	2	8	9	152	154	152	154	1	1	3	4	66	67	66	67
	1	2	1	2	2	3	88	89	0	1	0	1	1	1	38	39
	32	53	36	66	61	94	130	163	14	25	16	32	27	44	57	74
2	5,965	7,712	5,965	7,712	5,965	7,712	5,965	7,712	2,941	3,948	2,941	3,948	2,941	3,948	2,941	3,948
Brigantine City	532	2,236	7,567	10,408	7,567	10,408	7,567	10,408	286	1,268	3,323	4,960	3,323	4,960	3,323	4,960
	12	59	21	89	150	294	150	294	7	34	11	50	69	152	69	152
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2
Absecon Bay	0	0	3	3	3	3	3	3	0	0	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	20,829	22,460	20,829	22,460	20,829	22,460	20,829	22,460	4,859	5,738	4,859	5,738	4,859	5,738	4,859	5,738
Atlantic City	649	1,686	18,821	20,548	18,821	20,548	18,821	20,548	211	769	3,884	4,815	3,884	4,815	3,884	4,815
	1	3	6	8	109	114	109	114	0	1	1	3	22	25	22	25
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	7,080	8,257	7,080	8,257	7,080	8,257	7,080	8,257	3,166	3,831	3,166	3,831	3,166	3,831	3,166	3,831
Ventnor	376	1,463	6,486	8,299	6,486	8,299	6,486	8,299	190	804	2,586	3,609	2,586	3,609	2,586	3,609
	0	1	0	1	3	4	3	4	0	0	0	1	1	2	1	2
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	6,766	9,708	6,766	9,708	6,766	9,708	6,766	9,708	3,983	5,877	3,983	5,877	3,983	5,877	3,983	5,877
Margate	120	458	2,250	2,812	2,250	2,812	2,250	2,812	72	289	1,164	1,526	1,164	1,526	1,164	1,526
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1,346	2,607	1,346	2,607	1,346	2,607	1,346	2,607	895	1,757	895	1,757	895	1,757	895	1,757
Longport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	193	236	193	236	193	236	193	236	165	194	165	194	165	194	165	194
Egg Harbor Twp-Meadows	1	2	18	21	18	21	18	21	1	2	14	15	14	15	14	15
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	524	581	524	581	524	581	524	581	272	304	272	304	272	304	272	304
Somers Point	50	125	1,600	1,725	1,600	1,725	1,600	1,725	25	68	727	799	727	799	727	799
	55	90	235	286	4,437	4,544	4,437	4,544	26	46	108	137	2,011	2,072	2,011	2,072
	17	33	19	41	33	56	1,382	1,429	8	17	9	22	15	29	627	653
	49	102	55	130	92	173	199	279	24	54	27	70	44	90	92	138
10	440	452	440	452	440	452	440	452	239	245	239	245	239	245	239	245
Linwood	11	19	485	497	485	497	485	497	5	9	231	237	231	237	231	237
	18	30	72	89	1,309	1,346	1,309	1,346	9	15	35	43	623	641	623	641
	28	36	30	42	54	67	2,184	2,210	13	17	14	20	26	32	1,039	1,052
	30	48	32	57	59	85	137	164	14	23	15	28	28	41	65	79
11	149	151	149	151	149	151	149	151	81	82	81	82	81	82	81	82
Northfield	7	10	328	334	328	334	328	334	3	5	156	158	156	158	156	158
	2	2	8	9	157	159	157	159	1	1	4	4	75	75	75	75
	21	27	22	29	42	50	2,025	2,041	10	13	10	14	20	24	959	967
	51	63	53	70	101	119	247	265	24	30	25	33	48	57	117	126
12	683	691	683	691	683	691	683	691	245	249	245	249	245	249	245	249
Pleasantville	38	43	1,556	1,564	1,556	1,564	1,556	1,564	12	14	489	492	489	492	489	492
	27	32	101	107	1,769	1,782	1,769	1,782	9	11	32	35	556	562	556	562
	35	38	40	44	70	75	2,302	2,311	11	13	13	15	22	24	723	727
	245	284	295	350	486	545	847	906	78	96	95	120	154	181	268	294
13	452	465	452	465	452	465	452	465	171	177	171	177	171	177	171	177
EH Twp-Pleasantville Ar	0	0	18	18	18	18	18	18	0	0	6	6	6	6	6	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	743	755	743	755	743	755	743	755	397	403	397	403	397	403	397	403
Absecon City	23	32	1,042	1,058	1,042	1,058	1,042	1,058	11	15	488	496	488	496	488	496
	10	14	45	51	869	883	869	883	5	7	21	24	407	414	407	414
	9	12	9	13	18	22	873	880	4	5	4	6	9	10	409	412
	42	53	43	59	83	99	201	218	20	25	20	28	39	47	94	102
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galloway Twp-Central	2	3	91	93	91	93	91	93	1	1	41	42	41	42	41	42
	2	3	11	12	225	226	225	226	1	1	5	5	100	101	100	101
	13	15	16	18	25	28	591	596	6	7	7	8	11	13	264	266
	279	356	327	438	548	666	1,022	1,140	125	164	147	202	246	304	457	515
16	146	150	146	150	146	150	146	150	72	74	72	74	72	74	72	74
Port Republic Area	7	11	306	313	306	313	306	313	3	5	133	136	133	136	133	136
	4	7	20	24	380	389	380	389	2	3	9	11	165	170	165	170
	1	2	1	2	2	3	96	98	0	1	1	1	1	1	42	43
	6	10	6	12	12	18	27	33	3	5	3	6	5	8	12	15
17	23	23	23	23	23	23	23	23	12	12	12	12	12	12	12	12
Galloway Twp-West	0	0	8	8	8	8	8	8	0	0	4	4	4	4	4	4
	0	0	1	1	14	14	14	14	0	0	0	0	6	6	6	6
	2	2	2	2	3	3	31	31	1	1	1	1	2	2	14	14
	185	200	226	248	368	391	616	639	82	90	101	111	164	175	274	285
18	8	8	8	8	8	8	8	8	4	4	4	4	4	4	4	4
Egg Harbor City	0	0	5	5	5	5	5	5	0	0	2	2	2	2	2	2
	0	0	0	0	5	5	5	5	0	0	0	0	2	2	2	2
	0	0	0	0	1	1	46	46	0	0	0	0	0	0	18	18
	43	43	43	43	86	86	214	214	17	17	17	17	33	33	83	83
19	135	137	135	137	135	137	135	137	75	76	75	76	75	76	75	76
Mullica Twp	14	15	190	192	190	192	190	192	7	7	93	93	93	93	93	93
	11	13	35	37	532	538	532	538	6	6	17	18	260	262	260	262
	26	28	35	38	52	55	469	475	13	14	17	18	25	27	229	231
	174	192	228	253	346	373	463	490	85	93	111	123	168	181	226	238
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hammonton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	11	11	0	0	0	0	0	0	5	5
	150	162	164	181	299	317	641	659	71	77	78	87	142	151	305	314
21	566	611	566	611	566	611	566	611	296	317	296	317	296	317	296	317
Egg Harbor Twp	36	58	605	643	605	643	605	643	17	27	278	296	278	296	278	296
	26	35	73	86	1,059	1,086	1,059	1,086	12	16	34	40	486	498	486	498
	48	59	57	73	94	111	2,483	2,517	22	27	26	34	43	51	1,138	1,154
	2,401	2,485	3,278	3,398	4,792	4,920	5,418	5,546	1,100	1,141	1,503	1,560	2,196	2,258	2,483	2,545
22	85	86	85	86	85	86	85	86	40	41	40	41	40	41	40	41
Corbin City	6	8	101	105	101	105	101	105	3	4	42	44	42	44	42	44
	2	3	5	5	52	54	52	54	1	1	2	2	21	22	21	22
	2	3	3	3	4	5	47	48	1	1	1	1	2	2	19	20
	9	11	12	14	18	20	23	25	4	5	5	6	7	9	9	11
23	12	12	12	12	12	12	12	12	6	6	6	6	6	6	6	6
Estell Manor	0	0	12	12	12	12	12	12	0	0	5	5	5	5	5	5
	0	0	1	1	12	12	12	12	0	0	0	0	5	5	5	5
	2	2	2	2	3	3	24	24	1	1	1	1	2	2	11	11
	111	116	151	157	222	229	260	267	50	52	68	71	100	103	117	120
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weymouth Twp-West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	127	133	172	180	254	262	296	304	64	66	86	90	127	131	148	152
25	73	75	73	75	73	75	73	75	36	37	36	37	36	37	36	37
Weymouth Twp-East	3	4	50	51	50	51	50	51	1	2	21	22	21	22	21	22
	20	24	44	49	484	496	484	496	9	11	19	22	210	216	210	216
	0	0	0	0	0	0	5	5	0	0	0	0	0	0	2	2
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	83	83	83	83	83	83	83	83	40	40	40	40	40	40	40	40
Hamilton Twp-SW	1	1	68	68	68	68	68	68	1	1	29	29	29	29	29	29
	3	3	11	11	178	178	178	178	1	1	5	5	76	76	76	76
	20	24	22	27	40	46	1,663	1,674	9	10	9	12	17	20	706	711
	58	62	64	69	116	122	248	254	25	26	27	30	49	52	105	108
27	64	66	64	66	64	66	64	66	34	35	34	35	34	35	34	35
Hamilton Twp-SE	2	3	82	84	82	84	82	84	1	1	38	39	38	39	38	39
	7	9	22	25	337	342	337	342	4	4	10	12	156	159	156	159
	18	23	21	29	35	43	1,010	1,027	8	11	10	14	16	20	470	478
	147	174	170	209	291	332	559	601	69	83	80	100	136	157	260	282
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hamilton Twp-North	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EVACUATION AREAS	Evac Vehicles to Local Destinations								Evac Vehicles to Out of County							
	Local Dest Veh Cat 1 Low Occ	Local Dest Veh Cat 1 High Occ	Local Dest Veh Cat 2 Low Occ	Local Dest Veh Cat 2 High Occ	Local Dest Veh Cat 3 Low Occ	Local Dest Veh Cat 3 High Occ	Local Dest Veh Cat 4 Low Occ	Local Dest Veh Cat 4 High Occ	OutofCounty Veh Cat 1 Low Occ	OutofCounty Veh Cat 1 High Occ	OutofCounty Veh Cat 2 Low Occ	OutofCounty Veh Cat 2 High Occ	OutofCounty Veh Cat 3 Low Occ	OutofCounty Veh Cat 3 High Occ	OutofCounty Veh Cat 4 Low Occ	OutofCounty Veh Cat 4 High Occ
1	137	137	118	117	98	98	79	78	60	64	79	84	99	103	118	123
Galloway Twp-East	1	1	37	37	31	31	26	26	0	0	20	20	26	26	31	31
	1	0	2	2	36	36	29	30	0	1	1	2	30	31	37	37
	0	1	0	0	1	0	19	19	0	0	0	1	0	1	19	20
	10	10	10	10	16	16	32	32	4	15	6	22	11	28	25	42
2	1,898	1,908	1,628	1,637	1,354	1,354	1,084	1,083	1,043	2,040	1,313	2,311	1,587	2,594	1,857	2,865
Brigantine City	47	56	1,918	1,934	1,620	1,619	1,325	1,325	239	1,212	1,405	3,026	1,703	3,341	1,998	3,635
	1	1	1	2	27	28	22	23	6	33	10	48	42	124	47	129
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Absecon Bay	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	3,261	3,270	2,796	2,804	2,328	2,328	1,863	1,862	1,598	2,468	2,063	2,934	2,531	3,410	2,996	3,876
Atlantic City	63	68	2,387	2,396	2,018	2,018	1,651	1,651	148	701	1,497	2,419	1,866	2,797	2,233	3,164
	0	0	0	1	12	12	10	10	0	1	1	2	10	13	12	15
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	2,110	2,117	1,809	1,816	1,506	1,507	1,205	1,205	1,056	1,714	1,357	2,015	1,660	2,324	1,961	2,626
Ventnor	38	44	1,530	1,540	1,293	1,293	1,058	1,058	152	760	1,056	2,069	1,293	2,316	1,528	2,551
	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	2
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	2,487	2,506	2,132	2,151	1,773	1,773	1,418	1,419	1,496	3,371	1,851	3,726	2,210	4,104	2,565	4,458
Margate	17	19	703	707	594	594	486	486	55	270	461	819	570	932	678	1,040
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	489	498	420	428	348	348	278	278	406	1,259	475	1,329	547	1,409	617	1,479
Longport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	111	111	95	95	79	79	63	63	54	83	70	99	86	115	102	131
Egg Harbor Twp-Meadows	1	1	9	8	8	7	6	6	0	1	5	7	6	8	8	9
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	185	185	159	158	132	132	106	105	87	119	113	146	140	172	166	199
Somers Point	11	12	462	463	391	391	320	320	14	56	265	336	336	408	407	479
	16	16	66	67	1,098	1,098	898	898	10	30	42	70	913	974	1,113	1,174
	5	5	4	5	7	8	311	310	3	12	5	17	8	21	316	343
	15	14	14	14	23	23	49	49	9	40	13	56	21	67	43	89
10	166	166	143	143	119	119	95	95	73	79	96	102	120	126	144	150
Linwood	3	3	149	149	126	126	103	103	2	6	82	88	105	111	128	134
	6	6	22	21	340	340	279	278	3	9	13	22	283	301	344	363
	10	9	9	9	15	14	518	518	3	8	5	11	11	18	521	534
	10	10	10	10	17	17	37	38	4	13	5	18	11	24	28	41
11	57	57	49	49	40	41	32	33	24	25	32	33	41	41	49	49
Northfield	2	2	101	101	86	85	70	70	1	3	55	57	70	73	86	88
	1	0	3	2	41	40	34	33	0	1	1	2	34	35	41	42
	7	8	6	7	11	12	478	479	3	5	4	7	9	12	481	488
	19	19	18	18	32	32	69	69	5	11	7	15	16	25	48	57
12	171	171	146	147	122	123	98	98	74	78	99	102	123	126	147	151
Pleasantville	9	9	317	317	269	268	220	219	3	5	172	175	220	224	269	273
	6	7	20	21	305	305	250	250	3	4	12	14	251	257	306	312
	9	9	9	9	13	13	361	361	2	4	4	6	9	11	362	366
	63	63	72	72	103	104	157	156	15	33	23	48	51	77	111	138
13	119	118	102	101	85	84	68	67	52	59	69	76	86	93	103	110
EH Twp-Pleasantville Ar	0	0	4	4	3	3	3	3	0	0	2	2	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	277	277	237	237	198	198	158	158	120	126	160	166	199	205	239	245
Absecon City	8	7	316	316	267	268	219	219	3	8	172	180	221	228	269	277
	3	3	13	13	223	223	182	182	2	4	8	11	184	191	225	232
	3	3	2	3	5	5	204	204	1	2	2	3	4	5	205	208
	16	16	15	15	26	26	55	55	4	9	5	13	13	21	39	47
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galloway Twp-Central	1	0	27	27	23	23	19	19	0	1	14	15	18	19	22	23
	1	0	3	3	55	55	45	45	0	1	2	2	45	46	55	56
	5	5	5	4	6	7	132	131	1	2	2	4	5	6	132	135
	99	99	108	108	163	162	266	266	26	65	39	94	83	142	191	249
16	50	50	43	43	36	36	28	29	22	24	29	31	36	38	44	45
Port Republic Area	2	2	86	86	73	72	60	59	1	3	47	50	60	64	73	77
	1	1	6	6	90	91	74	74	1	2	3	5	75	79	91	96
	0	1	1	0	1	0	21	21	0	0	0	1	0	1	21	22
	2	2	2	2	3	3	7	7	1	3	1	4	2	5	5	8
17	9	9	7	7	6	6	5	5	3	3	5	5	6	6	7	7
Galloway Twp-West	0	0	3	3	2	2	2	2	0	0	1	1	2	2	2	2
	0	0	0	0	3	3	3	3	0	0	0	0	3	3	3	3
	1	1	1	1	1	1	7	7	0	0	0	0	1	1	7	7
	68	69	79	79	113	113	163	163	14	21	22	32	51	62	111	122
18	3	3	3	3	2	2	2	2	1	1	1	1	2	2	2	2
Egg Harbor City	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1
	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1
	0	0	0	0	0	0	9	9	0	0	0	0	0	0	9	9
	15	15	14	14	23	23	50	50	2	2	3	3	10	10	33	33
19	52	52	45	45	37	37	30	30	23	24	30	31	38	39	45	46
Mullica Twp	5	5	60	60	51	50	42	41	2	2	33	33	42	43	51	52
	4	4	11	11	143	142	117	116	2	2	6	7	117	120	143	146
	10	10	12	11	15	15	114	114	3	4	5	7	10	12	115	117
	71	71	87	87	115	116	134	133	14	22	24	36	53	65	92	105
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hammonton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	2	2	0	0	0	0	0	0	3	3
	59	59	61	61	98	98	182	182	12	18	17	26	44	53	123	132
21	204	203	175	174	146	145	116	116	92	114	121	143	150	172	180	201
Egg Harbor Twp	11	10	178	178	151	151	123	123	6	17	100	118	127	145	155	173
	8	8	21	21	266	265	218	217	4	8	13	19	220	233	268	281
	17	16	17	17	25	24	567	567	5	11	9	17	18	27	571	587
	927	928	1,192	1,192	1,527	1,528	1,481	1,482	173	213	311	368	669	730	1,002	1,063
22	28	28	24	24	20	20	16	16	12	13	16	17	20	21	24	25
Corbin City	2	2	27	27	23	23	19	19	1	2	15	17	19	21	23	25
	1	0	1	1	11	11	9	9	0	1	1	1	10	11	12	13
	1	1	1	0	1	1	9	9	0	0	0	1	1	1	10	11
	3	3	4	4	5	5	5	6	1	2	1	2	2	4	4	5
23	4	4	4	4	3	3	2	2	2	2	2	2	3	3	4	4
Estell Manor	0	0	3	3	3	3	2	2	0	0	2	2	2	2	3	3
	0	0	0	0	3	3	2	2	0	0	0	0	2	2	3	3
	1	1	1	1	1	1	6	6	0	0	0	0	1	1	5	5
	42	42	54	54	70	70	70	70	8	10	14	17	30	33	47	50
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weymouth Twp-West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	54	53	68	68	88	88	88	88	10	13	18	22	39	43	60	64
25	25	25	21	22	18	18	14	14	11	12	15	15	18	19	22	23
Weymouth Twp-East	1	1	13	14	11	11	9	9	0	1	8	8	10	11	12	13
	7	7	12	12	115	115	94	94	2	4	7	10	95	101	116	122
	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	28	28	24	24	20	20	16	16	12	12	16	16	20	20	24	24
Hamilton Twp-SW	1	1	19	19	16	16	13	13	0	0	10	10	13	13	16	16
	1	1	3	3	42	42	34	34	0	0	2	2	34	34	42	42
	7	6	6	6	10	10	353	352	2	4	3	6	7	10	353	359
	21	20	21	22	34	34	63	63	4	6	6	8	15	18	42	45
27	24	24	20	20	17	17	13	14	10	11	14	15	17	18	21	21
Hamilton Twp-SE	1	0	24	25	21	21	17	17	0	1	14	14	17	18	21	22
	3	2	6	7	85	86	70	70	1	2	4	5	71	73	86	89
	6	6	6	6	9	9	234	234	2	5	4	8	7	11	236	244
	56	56	60	60	92	91	153	153	13	27	20	40	44	66	107	129
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hamilton Twp-North	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	20	18	23	33	38	73	78	8	9	9	11	16	18	34	36	7	6	7	7	11	11	20	20	1	3	2	4	5	7	14	16
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	626	637	853	868	1,251	1,267	1,426	1,442	285	290	388	395	569	577	649	656	241	241	309	309	397	397	388	388	44	49	79	86	172	180	261	268
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	64	64	75	75	128	128	241	241	25	25	30	30	51	51	96	96	21	21	24	24	36	36	58	58	4	4	6	6	15	15	38	38
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Folsom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	16	15	16	29	31	71	73	7	8	7	8	14	15	36	37	6	6	5	6	10	10	22	22	1	2	2	2	4	5	14	15
ATLANTIC TOTALS	**53,952**	**67,835**	**95,904**	**112,908**	**110,975**	**128,233**	**129,511**	**146,860**	**21,474**	**29,644**	**35,337**	**45,275**	**41,932**	**52,001**	**50,057**	**60,169**	**14,087**	**14,152**	**21,080**	**21,174**	**21,589**	**21,586**	**21,851**	**21,844**	**7,387**	**15,492**	**14,257**	**24,101**	**20,343**	**30,415**	**28,206**	**38,325**

OCEAN COUNTY
EVACUATION STATISTICS DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : - CAT 1 - CAT 2 - CAT 3 - CAT 4 - INLAND

EVACUATION AREAS	Evacuating People								Evacuating Vehicles							
	Cat 1 Evac Pop Low Occ	Cat 1 Evac Pop High Occ	Cat 2 Evac Pop Low Occ	Cat 2 Evac Pop High Occ	Cat 3 Evac Pop Low Occ	Cat 3 Evac Pop High Occ	Cat 4 Evac Pop Low Occ	Cat 4 Evac Pop High Occ	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
1	331	1,489	331	1,489	331	1,489	331	1,489	236	1,101	236	1,101	236	1,101	236	1,101
Long Beach township	16	126	42	164	42	164	42	164	12	94	28	119	28	119	28	119
	1	8	1	11	4	17	4	17	1	6	1	8	3	12	3	12
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1,363	3,326	1,363	3,326	1,363	3,326	1,363	3,326	860	2,130	860	2,130	860	2,130	860	2,130
Beach Haven borough	63	477	239	700	239	700	239	700	40	308	138	436	138	436	138	436
	5	43	8	60	26	100	26	100	4	28	5	39	15	63	15	63
	1	4	1	6	1	9	3	11	0	3	1	4	1	6	2	7
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2,434	6,116	2,434	6,116	2,434	6,116	2,434	6,116	1,582	4,154	1,582	4,154	1,582	4,154	1,582	4,154
Long Beach township	169	1,279	612	1,846	612	1,846	612	1,846	116	892	366	1,228	366	1,228	366	1,228
	25	188	38	267	131	457	131	457	17	131	26	185	80	308	80	308
	2	19	3	26	5	37	9	41	2	13	2	18	3	26	5	28
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1,540	3,149	1,540	3,149	1,540	3,149	1,540	3,149	962	2,048	962	2,048	962	2,048	962	2,048
Ship Bottom borough	26	203	82	279	82	279	82	279	18	137	48	181	48	181	48	181
	4	29	6	42	24	75	24	75	3	20	4	28	14	48	14	48
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1,610	3,658	1,610	3,658	1,610	3,658	1,610	3,658	977	2,386	977	2,386	977	2,386	977	2,386
Surf City borough	38	290	142	422	142	422	142	422	26	199	80	273	80	273	80	273
	6	45	9	64	32	110	32	110	4	31	6	44	18	72	18	72
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	204	626	204	626	204	626	204	626	146	431	146	431	146	431	146	431
Long Beach township	28	215	86	294	86	294	86	294	19	145	56	197	56	197	56	197
	2	15	3	21	8	34	8	34	1	10	2	14	5	23	5	23
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	433	1,404	433	1,404	433	1,404	433	1,404	288	922	288	922	288	922	288	922
Harvey Cedars borough	47	365	104	458	104	458	104	458	30	238	64	295	64	295	64	295
	5	40	7	57	14	85	14	85	3	26	5	37	9	55	9	55
	4	33	6	46	8	65	15	72	3	21	4	30	5	43	9	46
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	587	1,741	587	1,741	587	1,741	587	1,741	407	1,225	407	1,225	407	1,225	407	1,225
Long Beach township	42	328	115	432	115	432	115	432	30	232	74	299	74	299	74	299
	7	58	11	82	28	129	28	129	5	41	8	58	19	90	19	90
	0	2	0	2	0	3	2	5	0	1	0	2	0	2	1	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	445	909	445	909	445	909	445	909	297	614	297	614	297	614	297	614
Barnegat Light borough	81	600	406	983	406	983	406	983	55	410	244	640	244	640	244	640
	10	80	17	114	75	214	75	214	7	55	11	78	46	141	46	141
	1	6	1	8	2	12	6	16	1	4	1	6	1	8	3	10
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	613	1,409	613	1,409	613	1,409	613	1,409	328	901	328	901	328	901	328	901
Berkeley township	36	272	158	420	158	420	158	420	25	195	79	268	79	268	79	268
	7	55	11	78	43	138	43	138	5	39	8	56	22	91	22	91
	4	28	5	39	7	56	23	72	3	20	4	28	5	41	12	47
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1,530	2,365	1,530	2,365	1,530	2,365	1,530	2,365	982	1,565	982	1,565	982	1,565	982	1,565
Seaside Park borough	107	736	948	1,647	948	1,647	948	1,647	72	512	542	1,031	542	1,031	542	1,031
	0	2	1	3	6	9	6	9	0	1	0	2	4	6	4	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	1,381	1,693	1,381	1,693	1,381	1,693	1,381	1,693	620	822	620	822	620	822	620	822
Seaside Heights borough	121	699	1,693	2,336	1,693	2,336	1,693	2,336	68	442	679	1,095	679	1,095	679	1,095
	4	22	10	35	125	161	125	161	2	14	5	21	50	73	50	73
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	312	444	312	444	312	444	312	444	174	260	174	260	174	260	174	260
Berkeley township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	432	811	432	811	432	811	432	811	261	540	261	540	261	540	261	540
Dover township	219	1,566	1,560	3,056	1,560	3,056	1,560	3,056	155	1,145	848	1,948	848	1,948	848	1,948
	20	142	35	206	239	484	239	484	14	104	23	149	131	310	131	310
	5	33	6	46	9	65	69	125	3	24	4	33	7	48	37	79
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	482	817	482	817	482	817	482	817	286	514	286	514	286	514	286	514
Lavallette borough	141	987	1,150	2,090	1,150	2,090	1,150	2,090	93	669	609	1,250	609	1,250	609	1,250
	25	184	46	268	328	645	328	645	17	125	29	180	175	391	175	391
	6	47	9	65	13	94	80	160	4	32	6	44	9	64	43	98
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1,463	3,285	1,463	3,285	1,463	3,285	1,463	3,285	967	2,335	967	2,335	967	2,335	967	2,335
Dover township	104	779	492	1,242	492	1,242	492	1,242	77	584	297	860	297	860	297	860
	46	349	73	497	335	941	335	941	34	261	52	371	205	660	205	660
	26	199	36	278	52	398	188	533	19	149	27	208	39	298	115	374
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	181	383	181	383	181	383	181	383	128	267	128	267	128	267	128	267
Brick township	51	355	337	675	337	675	337	675	35	245	212	446	212	446	212	446
	43	302	73	435	419	936	419	936	30	208	49	299	265	623	265	623
	37	265	51	371	74	530	226	682	25	183	35	256	51	366	145	460
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	240	428	240	428	240	428	240	428	178	308	178	308	178	308	178	308
Mantoloking borough	17	119	142	256	142	256	142	256	12	83	94	172	94	172	94	172
	3	21	5	30	36	71	36	71	2	14	3	21	23	48	23	48
	5	40	7	56	11	81	57	126	4	28	5	39	7	56	37	86
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1,013	1,452	1,013	1,452	1,013	1,452	1,013	1,452	651	942	651	942	651	942	651	942
Bay Head borough	23	151	256	398	256	398	256	398	15	100	146	240	146	240	146	240
	3	22	6	32	43	81	43	81	2	14	4	21	25	50	25	50
	2	15	3	22	4	31	23	50	1	10	2	14	3	20	13	31
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	2,973	3,891	2,973	3,891	2,973	3,891	2,973	3,891	1,597	2,170	1,597	2,170	1,597	2,170	1,597	2,170
Point Pleasant Beach borou	71	393	1,313	1,671	1,313	1,671	1,313	1,671	40	241	621	844	621	844	621	844
	23	122	65	204	928	1,127	928	1,127	13	75	33	120	438	562	438	562
	4	17	5	22	8	33	224	249	2	10	3	14	4	20	105	121
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	435	497	435	497	435	497	435	497	241	274	241	274	241	274	241	274
Point Pleasant Beach borou	23	51	966	997	966	997	966	997	11	27	469	485	469	485	469	485
	19	44	84	118	1,583	1,632	1,583	1,632	10	23	41	59	767	794	767	794
	25	60	27	76	50	119	2,033	2,102	12	31	14	40	25	62	986	1,023
	7	18	8	23	15	36	32	54	4	10	4	12	7	19	16	27
22	2,404	2,722	2,404	2,722	2,404	2,722	2,404	2,722	1,331	1,503	1,331	1,503	1,331	1,503	1,331	1,503
Point Pleasant borough	69	210	2,482	2,638	2,482	2,638	2,482	2,638	35	111	1,204	1,289	1,204	1,289	1,204	1,289
	45	114	192	287	3,579	3,715	3,579	3,715	23	59	94	145	1,735	1,809	1,735	1,809
	42	82	44	100	84	164	3,620	3,700	21	42	22	52	41	84	1,755	1,798
	25	52	26	65	50	104	113	168	12	27	13	34	25	54	55	85
23	780	848	780	848	780	848	780	848	440	478	440	478	440	478	440	478
Brick township	34	66	1,038	1,074	1,038	1,074	1,038	1,074	17	35	513	533	513	533	513	533
	45	91	155	220	2,591	2,684	2,591	2,684	23	48	77	113	1,281	1,332	1,281	1,332
	83	126	100	160	167	252	4,102	4,188	41	65	50	83	83	130	2,028	2,075
	566	808	648	987	1,133	1,616	2,219	2,703	282	415	323	509	563	830	1,100	1,367
24	2,567	2,858	2,567	2,858	2,567	2,858	2,567	2,858	1,432	1,591	1,432	1,591	1,432	1,591	1,432	1,591
Brick township	112	431	3,379	3,733	3,379	3,733	3,379	3,733	57	231	1,653	1,846	1,653	1,846	1,653	1,846
	61	200	232	426	4,116	4,394	4,116	4,394	31	106	115	221	2,012	2,164	2,012	2,164
	106	278	116	357	212	557	8,181	8,526	53	147	58	190	106	294	3,998	4,186
	130	247	136	301	259	494	598	833	64	128	68	157	129	256	294	422
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lakewood township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	3	3	3	3	0	0	0	0	1	1	1	1
	1	1	1	1	1	1	65	65	0	0	0	0	0	0	20	20
	628	941	652	1,090	1,256	1,882	2,958	3,583	202	351	212	422	404	703	930	1,229
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dover township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	10	24	25	313	315	313	315	4	5	11	12	149	150	149	150
	2	2	2	2	3	3	50	50	1	1	1	1	2	2	24	24
	1,458	1,605	1,963	2,169	2,915	3,209	3,493	3,787	696	778	937	1,053	1,391	1,556	1,666	1,831
27	6,716	7,613	6,716	7,613	6,716	7,613	6,716	7,613	3,748	4,210	3,748	4,210	3,748	4,210	3,748	4,210
Dover township	180	682	5,128	5,686	5,128	5,686	5,128	5,686	90	349	2,510	2,798	2,510	2,798	2,510	2,798
	108	350	401	740	7,021	7,505	7,021	7,505	54	179	198	372	3,435	3,685	3,435	3,685
	63	135	68	170	126	271	5,023	5,167	31	68	34	86	62	137	2,457	2,531
	409	584	420	666	818	1,168	1,957	2,307	201	291	207	333	401	582	958	1,139
28	205	231	205	231	205	231	205	231	125	140	125	140	125	140	125	140
Island Heights borough	4	15	111	123	111	123	111	123	2	8	60	66	60	66	60	66

EVACUATION AREAS	Evac Vehicles to Local Destinations								Evac Vehicles to Out of County							
	Local Dest Veh Cat 1 Low Occ	Local Dest Veh Cat 1 High Occ	Local Dest Veh Cat 2 Low Occ	Local Dest Veh Cat 2 High Occ	Local Dest Veh Cat 3 Low Occ	Local Dest Veh Cat 3 High Occ	Local Dest Veh Cat 4 Low Occ	Local Dest Veh Cat 4 High Occ	OutofCounty Veh Cat 1 Low Occ	OutofCounty Veh Cat 1 High Occ	OutofCounty Veh Cat 2 Low Occ	OutofCounty Veh Cat 2 High Occ	OutofCounty Veh Cat 3 Low Occ	OutofCounty Veh Cat 3 High Occ	OutofCounty Veh Cat 4 Low Occ	OutofCounty Veh Cat 4 High Occ
1	80	89	69	77	56	56	45	45	156	1,012	167	1,024	180	1,045	191	1,056
Long Beach township	0	1	10	10	8	8	7	7	12	93	18	109	20	111	21	112
	0	0	0	0	1	0	1	0	1	6	1	8	2	12	2	12
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	477	490	409	422	339	340	271	272	383	1,640	451	1,708	521	1,790	589	1,858
Beach Haven borough	2	4	63	66	53	53	43	43	38	304	75	370	85	383	95	393
	1	1	0	1	4	4	4	3	3	27	5	38	11	59	11	60
	0	0	1	0	0	0	1	1	0	3	0	4	1	6	1	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	854	880	732	758	607	607	486	486	728	3,274	850	3,396	975	3,547	1,096	3,668
Long Beach township	5	13	159	168	134	134	109	109	111	879	207	1,060	232	1,094	257	1,119
	1	2	2	3	26	26	22	22	16	129	24	182	54	282	58	286
	0	0	0	0	0	0	1	1	2	13	2	18	3	26	4	27
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	566	577	486	497	404	404	323	323	396	1,471	476	1,551	558	1,644	639	1,725
Ship Bottom borough	1	2	19	21	16	16	13	13	17	135	29	160	32	165	35	168
	1	1	0	1	5	5	4	4	2	19	4	27	9	43	10	44
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	545	559	468	481	388	388	311	310	432	1,827	509	1,905	589	1,998	666	2,076
Surf City borough	1	3	34	37	29	29	24	24	25	196	46	236	51	244	56	249
	0	0	0	1	6	5	5	4	4	31	6	43	12	67	13	68
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	74	77	64	67	53	53	42	42	72	354	82	364	93	378	104	389
Long Beach township	1	2	24	25	20	20	16	17	18	143	32	172	36	177	40	180
	0	0	0	0	1	2	1	1	1	10	2	14	4	21	4	22
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	139	146	119	126	99	99	79	79	149	776	169	796	189	823	209	843
Harvey Cedars borough	0	3	20	23	17	17	14	14	30	235	44	272	47	278	50	281
	0	0	0	0	1	1	1	1	3	26	5	37	8	54	8	54
	0	0	0	0	0	0	2	1	3	21	4	30	5	43	7	45
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	204	212	175	183	145	145	116	116	203	1,013	232	1,042	262	1,080	291	1,109
Long Beach township	1	3	28	30	23	23	19	19	29	229	46	269	51	276	55	280
	0	0	1	1	5	4	4	3	5	41	7	57	14	86	15	87
	0	0	0	0	0	0	0	0	0	1	0	2	0	2	1	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	177	179	151	154	126	125	101	100	120	435	146	460	171	489	196	514
Barnegat Light borough	4	7	122	127	103	104	84	85	51	403	122	513	141	536	160	555
	0	1	1	2	18	18	15	14	7	54	10	76	28	123	31	127
	1	0	0	1	0	0	1	1	0	4	1	5	1	8	2	9
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	173	179	149	154	123	123	99	99	155	722	179	747	205	778	229	802
Berkeley township	1	3	34	36	29	29	23	24	24	192	45	232	50	239	56	244
	0	0	1	1	7	7	5	5	5	39	7	55	15	84	17	86
	0	0	0	0	0	1	4	3	3	20	4	28	5	40	8	44
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	630	636	540	546	449	450	360	360	352	929	442	1,019	533	1,115	622	1,205
Seaside Park borough	7	12	307	313	260	260	212	213	65	500	235	718	282	771	330	818
	0	0	0	0	2	2	2	2	0	1	0	2	2	4	2	4
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	414	417	355	358	296	296	236	237	206	405	265	464	324	526	384	585
Seaside Heights borough	11	15	403	408	341	341	279	279	57	427	276	687	338	754	400	816
	0	1	2	2	26	25	21	21	2	13	3	19	24	48	29	52
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	113	115	97	98	81	81	65	65	61	145	77	162	93	179	109	195
Berkeley township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	155	159	133	137	110	111	88	89	106	381	128	403	151	429	173	451
Dover township	12	22	451	462	380	380	311	311	143	1,123	397	1,486	468	1,568	537	1,637
	1	2	3	5	58	57	48	47	13	102	20	144	73	253	83	263
	0	1	0	0	1	1	15	16	3	23	4	33	6	47	22	63
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	178	180	152	155	127	127	102	101	108	334	134	359	159	387	184	413
Lavallette borough	9	14	337	344	285	285	233	233	84	655	272	906	324	965	376	1,017
	1	2	5	6	79	79	65	65	16	123	24	174	96	312	110	326
	0	1	0	0	1	1	18	18	4	31	6	44	8	63	25	80
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	542	556	465	479	386	386	309	309	425	1,779	502	1,856	581	1,949	658	2,026
Dover township	4	9	142	147	119	119	98	97	73	575	155	713	178	741	199	763
	1	3	5	8	77	77	63	63	33	258	47	363	128	583	142	597
	0	2	1	2	1	1	39	39	19	147	26	206	38	297	76	335
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	76	77	65	66	54	54	43	43	52	190	63	201	74	213	85	224
Brick township	4	6	116	119	98	98	80	80	31	239	96	327	114	348	132	366
	4	5	9	11	118	118	96	96	26	203	40	288	147	505	169	527
	2	4	3	5	4	3	50	50	23	179	32	251	47	363	95	410
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	112	113	96	97	80	80	64	64	66	195	82	211	98	228	114	244
Mantoloking borough	2	3	54	54	46	45	37	37	10	80	40	118	48	127	57	135
	0	0	0	1	11	11	9	9	2	14	3	20	12	37	14	39
	1	1	0	1	0	1	15	16	3	27	5	38	7	55	22	70
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	427	430	366	369	305	305	244	244	224	512	285	573	346	637	407	698
Bay Head borough	2	3	86	87	73	73	60	60	13	97	60	153	73	167	86	180
	0	0	1	1	12	12	10	10	2	14	3	20	13	38	15	40
	0	0	0	0	0	0	5	5	1	10	2	14	3	20	8	26
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1,061	1,067	910	915	757	757	606	606	536	1,103	687	1,255	840	1,413	991	1,564
Point Pleasant Beach borou	9	11	383	385	324	324	265	265	31	230	238	459	297	520	356	579
	3	4	13	15	231	231	189	189	10	71	20	105	207	331	249	373
	1	1	1	1	1	1	51	52	1	9	2	13	3	19	54	69
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	165	165	142	142	118	118	95	94	76	109	99	132	123	156	146	180
Point Pleasant Beach borou	7	8	303	303	257	256	210	209	4	19	166	182	212	229	259	276
	6	6	25	25	420	420	343	344	4	17	16	34	347	374	424	450
	7	8	7	7	12	11	491	490	5	23	7	33	13	51	495	533
	3	3	2	2	4	4	9	8	1	7	2	10	3	15	7	19
22	915	917	784	786	653	653	523	523	416	586	547	717	678	850	808	980
Point Pleasant borough	18	19	775	776	656	656	536	537	17	92	429	513	548	633	668	752
	13	13	57	56	948	949	776	776	10	46	37	89	787	860	959	1,033
	14	14	12	13	21	21	874	874	7	28	10	39	20	63	881	924
	8	9	8	9	15	14	30	31	4	18	5	25	10	40	25	54
23	304	305	261	262	217	218	174	174	136	173	179	216	223	260	266	304
Brick township	11	11	332	332	281	281	230	230	6	24	181	201	232	252	283	303
	15	14	47	47	700	700	573	573	8	34	30	66	581	632	708	759
	30	31	32	32	46	46	1,011	1,011	11	34	18	51	37	84	1,017	1,064
	224	225	237	239	367	368	637	638	58	190	86	270	196	462	463	729
24	987	989	846	848	705	705	564	564	445	602	586	743	727	886	868	1,027
Brick township	24	27	1,057	1,059	894	894	732	732	33	204	596	787	759	952	921	1,114
	15	15	65	66	1,095	1,095	895	896	16	91	50	155	917	1,069	1,117	1,268
	32	33	28	29	47	48	1,985	1,986	21	114	30	161	59	246	2,013	2,200
	47	47	44	45	78	77	165	166	17	81	24	112	51	179	129	256
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lakewood township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
	0	0	0	0	0	0	10	10	0	0	0	0	0	0	10	10
	154	155	146	149	253	253	532	532	48	196	66	273	151	450	398	697
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dover township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	7	7	82	82	67	67	1	2	4	5	67	68	82	83
	1	1	1	1	1	1	12	12	0	0	0	0	1	1	12	12
	582	582	737	738	957	957	985	985	114	196	200	315	434	599	681	846
27	2,578	2,582	2,210	2,214	1,841	1,840	1,473	1,472	1,170	1,628	1,538	1,996	1,907	2,370	2,275	2,738
Dover township	40	43	1,605	1,608	1,358	1,358	1,111	1,111	50	306	905	1,190	1,152	1,440	1,399	1,687
	27	29	113	114	1,870	1,870	1,530	1,530	27	150	85	258	1,565	1,815	1,905	2,155
	21	21	19	19	31	31	1,223	1,223	10	47	15	67	31	106	1,234	1,308
	160	161	151	152	263	263	559	559	41	130	56	181	138	319	399	580
28	86	86	74	74	61	62	49	49	39	54	51	66	64	78	76	91
Island Heights borough	1	1	39	38	33	32	27	26	1	7	21	28	27	34	33	40

	5	16	17	33	303	326	303	326	3	9	9	18	163	176	163	176	2	1	5	5	89	89	73	73	1	8	4	13	74	87	90	103
	5	17	6	23	11	35	361	385	3	10	3	13	6	20	193	207	2	2	1	2	3	3	95	96	1	8	2	11	3	17	98	111
	19	54	23	71	38	108	69	139	10	30	12	40	21	60	38	77	6	7	6	7	11	11	20	19	4	23	6	33	10	49	18	58
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Toms River borough	0	0	3	3	3	3	3	3	0	0	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1
	2	2	8	8	167	167	167	167	1	1	3	3	65	65	65	65	1	1	2	2	36	36	29	29	0	0	1	1	29	29	36	36
	1	1	1	1	2	2	95	95	0	0	0	0	1	1	37	37	0	0	0	0	1	1	18	18	0	0	0	0	0	0	19	19
	35	42	35	45	69	84	171	185	14	17	14	18	27	33	67	73	12	12	11	11	18	18	40	40	2	5	3	7	9	15	27	33
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Beachwood borough	0	0	18	18	18	18	18	18	0	0	8	8	8	8	8	8	0	0	5	5	4	4	3	3	0	0	3	3	4	4	5	5
	1	2	3	5	66	68	66	68	0	1	2	2	31	32	31	32	0	0	1	1	17	17	14	14	0	1	1	1	14	15	17	18
	4	10	5	12	9	19	371	381	2	5	2	6	4	9	174	179	1	2	1	2	2	2	86	87	1	3	1	4	2	7	88	92
	101	119	102	127	202	238	499	534	48	56	48	60	95	112	234	251	40	40	37	37	65	65	139	139	8	16	11	23	30	47	95	112
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pine Beach borough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	23	22	45	369	403	369	403	3	13	11	24	193	212	193	212	1	2	6	6	105	105	86	86	2	11	5	18	88	107	107	126
	14	44	16	58	27	88	802	862	7	24	8	32	14	48	418	452	4	4	3	4	5	6	206	207	3	20	5	28	9	42	212	245
	11	29	13	38	22	58	45	80	6	16	7	21	12	32	23	43	4	4	4	4	6	7	12	12	2	12	3	17	6	25	11	31
32	85	116	85	116	85	116	85	116	43	61	43	61	43	61	43	61	28	29	24	25	20	20	16	16	15	32	19	36	23	41	27	45
Ocean Gate borough	56	316	994	1,283	994	1,283	994	1,283	29	175	450	612	450	612	450	612	6	8	278	279	235	235	192	192	23	167	172	333	215	377	258	420
	21	98	67	175	1,062	1,216	1,062	1,216	11	54	32	92	478	565	478	565	4	4	15	15	256	256	209	210	7	50	17	77	222	309	269	355
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Berkeley township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	1	13	13	13	13	0	0	0	0	6	6	6	6	0	0	0	0	3	3	3	3	0	0	0	0	3	3	3	3
	0	0	0	0	0	0	16	16	0	0	0	0	0	0	7	7	0	0	0	0	0	0	3	3	0	0	0	0	0	0	4	4
	218	299	223	337	436	598	1,053	1,215	99	170	103	202	199	339	465	606	76	77	71	73	125	125	267	267	23	93	32	129	74	214	198	339
34	2,255	2,737	2,255	2,737	2,255	2,737	2,255	2,737	1,248	1,495	1,248	1,495	1,248	1,495	1,248	1,495	849	852	728	731	606	607	485	485	399	643	520	764	642	888	763	1,010
Berkeley township	72	291	1,862	2,106	1,862	2,106	1,862	2,106	36	148	905	1,030	905	1,030	905	1,030	15	16	577	578	488	488	399	399	21	132	328	452	417	542	506	631
	43	116	157	259	2,722	2,868	2,722	2,868	21	58	76	129	1,322	1,397	1,322	1,397	12	12	44	46	721	722	590	590	9	46	32	83	601	675	732	807
	20	56	23	74	39	112	1,186	1,259	10	28	11	37	19	57	576	613	6	5	5	5	8	9	285	285	4	23	6	32	11	48	291	328
	123	216	134	264	245	431	528	714	60	108	65	132	120	215	257	352	45	46	44	45	75	74	146	146	15	62	21	87	45	141	111	206
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lacey township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	9	9	23	23	3	3	3	3	6	6	15	15	3	3	2	2	4	4	9	9	0	0	1	1	2	2	6	6
36	4,023	4,737	4,023	4,737	4,023	4,737	4,023	4,737	2,252	2,622	2,252	2,622	2,252	2,622	2,252	2,622	1,540	1,544	1,320	1,324	1,099	1,100	880	880	712	1,078	932	1,298	1,153	1,522	1,372	1,742
Lacey township	149	668	3,809	4,385	3,809	4,385	3,809	4,385	75	344	1,871	2,170	1,871	2,170	1,871	2,170	28	31	1,189	1,192	1,005	1,006	823	823	47	313	682	978	866	1,164	1,048	1,347
	71	232	273	498	4,854	5,176	4,854	5,176	36	119	135	252	2,383	2,550	2,383	2,550	18	19	77	78	1,297	1,297	1,061	1,061	18	100	58	174	1,086	1,253	1,322	1,489
	32	68	34	84	63	136	2,666	2,738	16	34	17	43	31	69	1,309	1,346	11	10	9	10	15	16	652	652	5	24	8	33	16	53	657	694
	116	263	125	331	233	527	518	812	58	134	62	169	115	268	256	408	40	41	38	39	65	66	141	140	18	93	24	130	50	202	115	268
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ocean township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	3	3	7	7	0	0	0	0	1	1	2	2	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1
38	2,737	3,166	2,737	3,166	2,737	3,166	2,737	3,166	1,515	1,747	1,515	1,747	1,515	1,747	1,515	1,747	1,038	1,040	889	892	741	741	593	593	477	707	626	855	774	1,006	922	1,154
Ocean township	22	98	587	670	587	670	587	670	11	52	285	330	285	330	285	330	4	5	181	181	153	153	125	125	7	47	104	149	132	177	160	205
	36	158	118	289	1,909	2,153	1,909	2,153	18	84	59	151	927	1,059	927	1,059	6	7	30	31	499	500	409	409	12	77	29	120	428	559	518	650
	12	46	14	61	24	91	735	802	6	24	7	33	12	49	357	393	3	3	2	3	4	5	176	176	3	21	5	30	8	44	181	217
	5	8	5	9	10	16	25	30	3	4	3	5	5	8	12	15	2	2	2	2	3	3	7	7	1	2	1	3	2	5	5	8
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnegat township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	526	590	727	817	1,051	1,179	1,115	1,243	244	286	337	396	487	572	516	601	202	203	263	263	332	333	302	303	42	83	74	133	155	239	214	298
40	652	805	652	805	652	805	652	805	329	401	329	401	329	401	329	401	223	224	191	192	159	159	127	127	106	177	138	209	170	242	202	274
Barnegat township	14	69	324	385	324	385	324	385	6	32	144	172	144	172	144	172	2	2	91	91	77	77	63	63	4	30	53	81	67	95	81	109
	24	107	73	189	1,110	1,276	1,110	1,276	11	50	33	87	493	570	493	570	4	5	17	17	265	265	217	216	7	45	16	70	228	305	276	354
	9	39	10	53	17	78	441	502	4	18	5	25	8	36	196	224	2	1	2	2	2	2	96	96	2	17	3	23	6	34	100	128
	145	244	165	305	289	489	567	767	64	111	74	139	129	222	252	346	49	50	52	52	81	81	143	144	15	61	22	87	48	141	109	202
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stafford township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	161	255	173	304	322	509	720	907	77	123	82	148	153	247	341	435	60	60	58	59	98	98	196	197	17	63	24	89	55	149	145	238
42	3,984	6,964	3,984	6,964	3,984	6,964	3,984	6,964	2,313	4,094	2,313	4,094	2,313	4,094	2,313	4,094	1,443	1,461	1,238	1,255	1,029	1,029	823	823	870	2,633	1,075	2,839	1,284	3,065	1,490	3,271
Stafford township	165	1,003	1,820	2,751	1,820	2,751	1,820	2,751	94	595	934	1,490	934	1,490	934	1,490	18	23	556	562	470	470	385	384	76	572	378	928	464	1,020	549	1,106
	11	34	25	57	296	342	296	342	6	20	13	32	150	178	150	178	3	3	7	7	80	81	66	66	3	17	6	25	70	97	84	112
	4	11	6	15	9	22	124	137	2	6	3	9	5	13	63	71	1	1	2	2	2	3	31	31	1	5	1	7	3	10	32	40
	180	266	239	359	360	531	454	625	92	143	123	194	184	287	232	334	72	72	90	91	118	119	130	130	20	71	33	103	66	168	102	204
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eagleswood township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	273	338	273	338	273	338	273	338	141	175	141	175	141	175	141	175	95	95	82	82	68	68	54	54	46	80	59	93	73	107	87	121
Eagleswood township	33	68	320	359	320	359	320	359	15	34	145	165	145	165	145	165	9	10	93	92	78	78	64	64	6	24	52	73	67	87	81	101
	18	36	34	59	280	315	280	315	8	18	16	29	126	145	126	145	5	6	9	9	68	68	55	56	3	12	7	20	58	77	71	89
	16	30	21	41	32	59	223	251	7	15	10	20	15	29	101	116	5	5	6	6	8	7	50	50	2	10	4	14	7	22	51	66
	25	49	34	68	51	99	61	109	12	24	16	34	23	49	28	53	9	8	11	11	13	14	15	14	3	16	5	23	10	35	13	39
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Little Egg Harbor township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	1	2	1	4	3	5	0	1	0	1	1	2	2	3	0	0	0	0	1	1	1	1	0	1	0	1	0	1	1	2
46	5,846	8,033	5,846	8,033	5,846	8,033	5,846	8,033	3,123	4,327	3,123	4,327	3,123	4,327	3,123	4,327	2,067	2,079	1,772	1,784	1,475	1,475	1,180	1,180	1,056	2,248	1,351	2,543	1,648	2,852	1,943	3,147
Little Egg Harbor township	78	274	2,525	2,743	2,525	2,743	2,525	2,743	39	147	1,181	1,301	1,181	1,301	1,181	1,301	18	19	757	758	640	640	524	524	21	128	424	543	541	661	657	777
	25	60	108	157	2,035	2,104	2,035	2,104	12	31	51	78	950	989	950	989	7	7	31	31	519	520	425	426	5	24	20	47	431	469	525	563
	22	45	24	55	44	89	1,911	1,956	11	23	11	29	21	46	892	917	7	7	6	7	10	11	444	444	4	16	5	22	11	35	448	473
	43	87	45	107	86	173	196	284	21	45	22	56	41	89	93	141	15	15	14	14	24	24	52	52	6	30	8	42	17	65	41	89
47	1,187	1,832	1,187	1,832	1,187	1,832	1,187	1,832	680	1,060	680	1,060	680	1,060	680	1,060	439	442	376	379	313	313	250	250	241	618	304	681	367	747	430	810
Tuckerton borough	61	76	766	783	766	783	766	783	31	40	383	393	383	393	383	393	22	23	248	248	210	210	172	172	9	17	135	145	173	183	211	221
	63	73	123	137	1,060	1,080	1,060	1,080	32	38	62	70	530	542	530	542	23	24	40	40	291	291	238	238	9	14	22	30	239	251	292	304
	39	41	52	56	77	82	558	563	19	21	26	28	39	42	279	282	15	16	18	18	23	23	139	139	4	5	8	10	16	19	140	143
	8	9	11	12	16	18	18	20	4	5	5	6	8	9	9	10	3	4	4	4	5	5	5	5	1	1	1	2	3	4	4	5
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manchester township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1,643	2,042	2,161	2,720	3,286	4,085	4,329	5,127	768	1,072	1,011	1,438	1,535	2,144	2,011	2,620	616	619	761	765	1,014	1,013	1,154	1,154	152	453	250	673	521	1,131	857	1,466
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lakehurst borough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	105	109	138	144	210	218	280	288	46	48	60	63	91	95	122	126	39	39	48	48	63	63	73	73	7	9	12	15	28	32	49	53
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plumsted township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	339	365	451	487	679	730	860	911	172	184	229	246	344	369	436	460	145	145	181	181	238	239	260	259	27	39	48	65	106	130	176	201
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jackson township	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1,966	2,058	2,599	2,728	3,931	4,116	5,080	5,264	920	964	1,217	1,277	1,841	1,927	2,379	2,465	777	778	967	967	1,280	1,280	1,420	1,420	143	186	250	310	561	647	959	1,045
OCEAN TOTALS	66,636	113,811	104,233	155,201	147,207	201,894	189,500	244,179	37,340	67,735	55,774	88,535	76,560	111,583	96,779	131,798	23,791	24,104	32,607	32,937	39,163	39,177	42,562	42,564	13,549	43,631	23,167	55,598	37,397	72,406	54,217	89,234

MONMOUTH COUNTY
EVACUATION STATISTICS DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : (lavender) - CAT 1 (cyan) - CAT 2 (yellow) - CAT 3 (purple) - CAT 4 (white) - INLAND

EVACUATION AREAS	Evacuating People								Evacuating Vehicles							
	Cat 1 Evac Pop Low Occ	Cat 1 Evac Pop High Occ	Cat 2 Evac Pop Low Occ	Cat 2 Evac Pop High Occ	Cat 3 Evac Pop Low Occ	Cat 3 Evac Pop High Occ	Cat 4 Evac Pop Low Occ	Cat 4 Evac Pop High Occ	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
1	65	65	65	65	65	65	65	65	35	35	35	35	35	35	35	35
MATAWAN BORO	1	1	30	30	30	30	30	30	0	0	14	14	14	14	14	14
	0	0	1	1	28	28	28	28	0	0	1	1	13	13	13	13
	0	0	0	0	1	1	25	25	0	0	0	0	0	0	12	12
	87	87	87	87	174	174	435	435	41	41	41	41	83	83	206	206
2	239	239	239	239	239	239	239	239	128	128	128	128	128	128	128	128
ABERDEEN TWP	6	6	301	301	301	301	301	301	3	3	141	141	141	141	141	141
	3	3	17	17	350	350	350	350	2	2	8	8	164	164	164	164
	3	3	3	3	5	5	269	269	1	1	1	1	3	3	126	126
	157	159	157	161	313	319	782	788	73	75	73	75	147	150	366	369
3	576	583	576	583	576	583	576	583	259	263	259	263	259	263	259	263
KEYPORT BORO	27	36	967	977	967	977	967	977	11	16	381	387	381	387	381	387
	55	68	188	205	3,113	3,137	3,113	3,137	22	29	74	84	1,227	1,241	1,227	1,241
	12	16	13	19	24	33	939	947	5	7	5	9	10	14	370	375
	26	32	29	36	52	63	110	121	10	14	11	16	21	27	44	50
4	4,530	4,530	4,530	4,530	4,530	4,530	4,530	4,530	2,228	2,228	2,228	2,228	2,228	2,228	2,228	2,228
UNION BEACH BORO	37	37	1,842	1,842	1,842	1,842	1,842	1,842	16	16	793	793	793	793	793	793
	2	2	12	12	244	244	244	244	1	1	5	5	105	105	105	105
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	2,176	2,201	2,176	2,201	2,176	2,201	2,176	2,201	1,132	1,144	1,132	1,144	1,132	1,144	1,132	1,144
HAZLET TWP	177	186	1,826	1,837	1,826	1,837	1,826	1,837	81	85	832	837	832	837	832	837
	305	310	521	527	3,161	3,169	3,161	3,169	139	141	237	240	1,440	1,443	1,440	1,443
	86	87	114	115	173	175	1,901	1,903	39	40	52	53	79	80	866	867
	431	448	559	582	863	895	1,199	1,232	196	204	255	265	393	408	546	561
6	9,106	9,219	9,106	9,219	9,106	9,219	9,106	9,219	3,764	3,820	3,764	3,820	3,764	3,820	3,764	3,820
KEANSBURG BORO	28	33	1,372	1,378	1,372	1,378	1,372	1,378	10	13	496	499	496	499	496	499
	0	0	1	1	14	14	14	14	0	0	0	0	5	5	5	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	8,295	8,345	8,295	8,345	8,295	8,345	8,295	8,345	4,656	4,679	4,656	4,679	4,656	4,679	4,656	4,679
MIDDLETOWN TWP	65	68	3,019	3,023	3,019	3,023	3,019	3,023	32	33	1,483	1,485	1,483	1,485	1,483	1,485
	38	40	181	184	3,537	3,541	3,537	3,541	19	20	89	90	1,738	1,740	1,738	1,740
	30	33	31	35	59	65	2,640	2,646	15	16	15	17	29	32	1,297	1,300
	520	640	537	705	1,040	1,280	2,472	2,712	255	311	263	341	510	621	1,214	1,325
8	297	301	297	301	297	301	297	301	174	176	174	176	174	176	174	176
Monmouth HIGHLANDS BO	7	9	307	310	307	310	307	310	3	5	157	159	157	159	157	159
	5	5	19	20	339	341	339	341	2	3	10	10	174	175	174	175
	9	9	10	11	17	19	617	619	4	5	5	6	9	10	317	318
	42	62	45	73	84	123	184	223	22	33	24	39	43	66	95	117
9	3,036	3,245	3,036	3,245	3,036	3,245	3,036	3,245	1,637	1,771	1,637	1,771	1,637	1,771	1,637	1,771
HIGHLANDS BORO	11	20	264	274	264	274	264	274	5	11	124	131	124	131	124	131
	1	2	3	5	54	57	54	57	0	1	1	3	26	28	26	28
	1	1	2	2	2	2	15	15	1	1	1	1	1	1	7	7
	69	103	90	137	138	205	188	255	33	55	44	73	67	109	90	133
10	185	187	185	187	185	187	185	187	87	88	87	88	87	88	87	88
RED BANK BORO	4	6	211	213	211	213	211	213	2	3	87	88	87	88	87	88
	1	1	7	7	143	143	143	143	1	1	3	3	59	59	59	59
	3	3	3	3	6	6	284	284	1	1	1	1	2	2	117	117
	110	137	111	149	220	273	537	591	46	62	47	70	92	125	224	256
11	98	98	98	98	98	98	98	98	53	53	53	53	53	53	53	53
FAIR HAVEN BORO	3	3	137	137	137	137	137	137	1	1	64	64	64	64	64	64
	3	3	14	14	282	282	282	282	1	1	7	7	133	133	133	133
	16	17	16	17	32	34	1,563	1,565	7	8	7	8	15	16	737	737
	40	46	40	49	79	92	195	208	19	21	19	23	37	43	92	98
12	1,074	1,115	1,074	1,115	1,074	1,115	1,074	1,115	619	638	619	638	619	638	619	638
RUMSON BORO	45	113	1,480	1,556	1,480	1,556	1,480	1,556	22	53	747	782	747	782	747	782
	13	33	51	79	919	958	919	958	7	15	26	38	464	482	464	482
	13	28	14	36	26	56	936	966	6	13	7	17	13	27	472	486
	31	55	32	66	62	111	144	193	15	27	16	32	31	53	72	95
13	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0
GATEWAY NAT'L REC AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	966	1,077	966	1,077	966	1,077	966	1,077	634	715	634	715	634	715	634	715
SEA BRIGHT BORO	13	54	356	402	356	402	356	402	8	38	205	239	205	239	205	239
	1	3	2	5	33	37	33	37	0	2	1	3	19	22	19	22
	7	28	8	38	14	57	416	458	5	20	5	27	9	40	240	270
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHREWSBURY TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	11	11	11	22	22	55	55	5	5	5	5	9	9	24	24
16	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
SHREWSBURY BORO	1	1	59	59	59	59	59	59	1	1	28	28	28	28	28	28
	2	2	9	9	178	178	178	178	1	1	4	4	84	84	84	84
	3	3	3	3	5	5	266	266	1	1	1	1	3	3	126	126
	33	48	34	55	65	97	157	188	15	22	16	26	31	45	74	88
17	146	146	146	146	146	146	146	146	85	85	85	85	85	85	85	85
LITTLE SILVER BORO	23	23	1,165	1,165	1,165	1,165	1,165	1,165	12	12	591	591	591	591	591	591
	8	8	41	41	814	814	814	814	4	4	21	21	413	413	413	413
	9	9	9	9	17	17	867	867	4	4	4	4	9	9	440	440
	31	31	31	31	62	62	156	156	16	16	16	16	32	32	79	79
18	1,897	2,181	1,897	2,181	1,897	2,181	1,897	2,181	1,240	1,411	1,240	1,411	1,240	1,411	1,240	1,411
MONMOUTH BEACH BORO	54	212	1,583	1,758	1,583	1,758	1,583	1,758	31	127	907	1,013	907	1,013	907	1,013
	3	13	13	25	216	235	216	235	2	8	7	15	124	135	124	135
	0	2	1	3	1	4	20	23	0	1	0	2	0	2	12	13
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
EATONTOWN BORO	0	0	14	14	14	14	14	14	0	0	7	7	7	7	7	7
	1	1	6	6	122	122	122	122	1	1	3	3	58	58	58	58
	3	3	3	3	6	6	282	282	1	1	1	1	3	3	134	134
	438	475	568	619	877	949	1,221	1,294	209	230	271	300	419	460	583	624
20	381	385	381	385	381	385	381	385	237	239	237	239	237	239	237	239
OCEANPORT BORO	62	84	2,596	2,620	2,596	2,620	2,596	2,620	34	45	1,413	1,425	1,413	1,425	1,413	1,425
	12	18	47	55	858	869	858	869	6	9	26	30	467	472	467	472
	9	13	10	17	17	27	525	535	5	7	5	9	9	14	286	290
	13	16	14	18	27	33	62	68	7	9	8	10	15	17	34	36
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST LONG BRANCH BORO	0	0	19	19	19	19	19	19	0	0	9	9	9	9	9	9
	1	2	5	6	89	91	89	91	0	1	2	3	43	44	43	44
	7	12	8	14	15	24	669	679	4	6	4	7	7	12	321	326
	67	120	70	145	134	241	313	420	32	58	34	69	64	116	150	201
22	844	873	844	873	844	873	844	873	383	399	383	399	383	399	383	399
LONG BRANCH CITY	145	232	6,238	6,335	6,238	6,335	6,238	6,335	59	106	2,477	2,529	2,477	2,529	2,477	2,529
	53	109	232	310	4,393	4,505	4,393	4,505	22	52	93	136	1,745	1,806	1,745	1,806
	44	97	47	121	88	194	3,681	3,786	19	47	20	60	37	94	1,462	1,519
	241	809	273	1,068	481	1,617	960	2,096	107	412	124	551	214	824	404	1,013
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCEAN TWP	2	2	76	76	76	76	76	76	1	1	37	37	37	37	37	37
	2	3	11	12	220	222	220	222	1	2	5	6	106	107	106	107
	6	10	7	12	13	20	596	603	3	5	3	6	6	10	287	290
	279	494	297	597	559	988	1,265	1,694	135	244	144	296	270	487	610	827
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEAL BORO	2	15	14	28	14	28	14	28	1	8	7	14	7	14	7	14
	3	21	5	31	37	74	37	74	2	11	3	16	18	38	18	38
	6	44	8	62	12	89	85	162	3	24	4	33	7	47	42	82
	62	428	83	596	124	857	153	885	33	228	44	318	65	457	79	471
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALLENHURST BORO	0	0	3	3	3	3	3	3	0	0	1	1	1	1	1	1
	2	9	6	16	92	106	92	106	1	5	3	8	49	56	49	56
	5	25	6	35	11	51	243	284	3	13	3	18	6	27	129	151
	9	46	11	63	18	91	29	103	5	24	6	33	10	48	15	54
26	12	12	12	12	12	12	12	12	8	8	8	8	8	8	8	8
INTERLAKEN BORO	1	1	65	65	65	65	65	65	1	1	37	37	37	37	37	37
	2	2	8	8	161	161	161	161	1	1	5	5	92	92	92	92
	2	2	2	2	5	5	226	226	1	1	1	1	3	3	129	129
	4	5	5	6	9	11	22	24	3	3	3	3	5	6	13	13
27	7	9	7	9	7	9	7	9	5	6	5	6	5	6	5	6
LOCH ARBOUR VILLAGE	5	17	88	101	88	101	88	101	3	10	55	63	55	63	55	63
	5	15	13	26	154	174	154	174	3	9	8	16	97	108	97	108
	0	1	0	1	1	2	17	18	0	1	0	1	0	1	10	11
	0	2	1	3	1	4	2	5	0	1	0	2	1	2	1	3
28	27	27	27	27	27	27	27	27	8	8	8	8	8	8	8	8
ASBURY PARK CITY	33	39	1,610	1,617	1,610	1,617	1,610	1,617	9	12	413	416	413	416	413	416

EVACUATION AREAS	Evac Vehicles to Local Destinations								Evac Vehicles to Out of County							
	Local Dest Veh Cat 1 Low Occ	Local Dest Veh Cat 1 High Occ	Local Dest Veh Cat 2 Low Occ	Local Dest Veh Cat 2 High Occ	Local Dest Veh Cat 3 Low Occ	Local Dest Veh Cat 3 High Occ	Local Dest Veh Cat 4 Low Occ	Local Dest Veh Cat 4 High Occ	OutofCounty Veh Cat 1 Low Occ	OutofCounty Veh Cat 1 High Occ	OutofCounty Veh Cat 2 Low Occ	OutofCounty Veh Cat 2 High Occ	OutofCounty Veh Cat 3 Low Occ	OutofCounty Veh Cat 3 High Occ	OutofCounty Veh Cat 4 Low Occ	OutofCounty Veh Cat 4 High Occ
1	24	24	21	21	17	17	14	14	11	11	14	14	18	18	21	21
MATAWAN BORO	0	0	9	9	8	8	6	6	0	0	5	5	6	6	8	8
	0	0	1	1	7	7	6	6	0	0	0	0	6	6	7	7
	0	0	0	0	0	0	6	6	0	0	0	0	0	0	6	6
	35	35	33	33	58	58	123	123	6	6	8	8	25	25	83	83
2	90	90	77	77	64	64	51	51	38	38	51	51	64	64	77	77
ABERDEEN TWP	2	2	92	92	77	77	63	63	1	1	49	49	64	64	78	78
	2	2	5	5	90	90	74	74	0	0	3	3	74	74	90	90
	1	1	1	1	2	2	63	63	0	0	0	0	1	1	63	63
	62	62	58	58	103	103	219	219	11	13	15	17	44	47	147	150
3	181	181	155	155	129	129	103	103	78	82	104	108	130	134	156	160
KEYPORT BORO	8	8	247	248	209	209	171	171	3	8	134	139	172	178	210	216
	16	16	47	47	674	674	551	551	6	13	27	37	553	567	676	690
	4	3	3	4	6	5	185	185	1	4	2	5	4	9	185	190
	8	9	8	9	14	14	26	26	2	5	3	7	7	13	18	24
4	1,560	1,560	1,337	1,337	1,114	1,114	891	891	668	668	891	891	1,114	1,114	1,337	1,337
UNION BEACH BORO	12	12	516	516	436	436	357	357	4	4	277	277	357	357	436	436
	1	1	3	3	58	58	47	47	0	0	2	2	47	47	58	58
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	791	792	678	679	565	566	452	453	341	352	454	465	567	578	680	691
HAZLET TWP	60	60	540	541	457	458	374	375	21	25	292	296	375	379	458	462
	104	104	154	154	792	791	648	647	35	37	83	86	648	652	792	796
	31	32	36	37	47	48	433	433	8	8	16	16	32	32	433	434
	166	166	203	203	274	274	326	326	30	38	52	62	119	134	220	235
6	2,629	2,630	2,254	2,254	1,878	1,878	1,502	1,502	1,135	1,190	1,510	1,566	1,886	1,942	2,262	2,318
KEANSBURG BORO	7	8	322	322	272	273	223	223	3	5	174	177	224	226	273	276
	0	0	0	0	3	3	2	2	0	0	0	0	2	2	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	3,257	3,257	2,792	2,792	2,326	2,326	1,861	1,861	1,399	1,422	1,864	1,887	2,330	2,353	2,795	2,818
MIDDLETOWN TWP	24	23	964	964	816	816	667	667	8	10	519	521	667	669	816	818
	14	14	58	57	956	956	782	782	5	6	31	33	782	784	956	958
	12	12	10	10	17	17	648	649	3	4	5	7	12	15	649	651
	210	211	202	202	346	345	719	719	45	100	61	139	164	276	495	606
8	122	122	104	104	87	87	69	69	52	54	70	72	87	89	105	107
Monmouth HIGHLANDS BO	2	2	102	102	86	86	70	70	1	3	55	57	71	73	87	89
	1	2	7	6	96	96	78	78	1	1	3	4	78	79	96	97
	3	4	3	4	5	5	159	159	1	1	2	2	4	5	158	159
	17	17	18	17	28	28	55	55	5	16	6	22	15	38	40	62
9	1,133	1,134	971	972	809	809	647	647	504	637	666	799	828	962	990	1,124
HIGHLANDS BORO	3	3	80	80	68	68	55	56	2	8	44	51	56	63	69	75
	0	0	0	1	14	14	12	12	0	1	1	2	12	14	14	16
	1	1	1	1	1	1	4	4	0	0	0	0	0	0	3	3
	25	26	32	31	43	42	50	51	8	29	12	42	24	67	40	82
10	61	61	52	52	43	43	34	35	26	27	35	36	44	45	53	53
RED BANK BORO	1	2	56	56	48	48	39	39	1	1	31	32	39	40	48	49
	1	1	2	2	32	32	26	26	0	0	1	1	27	27	33	33
	1	1	1	1	1	1	58	58	0	0	0	0	1	1	59	59
	37	37	35	36	61	62	132	131	9	25	12	34	31	63	92	125
11	37	37	32	32	27	27	21	21	16	16	21	21	26	26	32	32
FAIR HAVEN BORO	1	1	41	41	35	35	29	29	0	0	23	23	29	29	35	35
	1	1	5	5	73	73	60	60	0	0	2	2	60	60	73	73
	5	6	5	5	9	9	369	368	2	2	2	3	6	7	368	369
	16	15	15	15	25	26	55	55	3	6	4	8	12	17	37	43
12	431	432	370	370	308	309	246	247	188	206	249	268	311	329	373	391
RUMSON BORO	13	14	482	483	408	409	334	334	9	39	265	299	339	373	413	448
	4	4	16	16	254	254	208	208	3	11	10	22	210	228	256	274
	4	4	4	4	7	7	235	235	2	9	3	13	6	20	237	251
	11	12	11	12	20	19	41	42	4	15	5	20	11	34	31	53
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GATEWAY NAT'L REC AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	436	437	373	375	311	311	249	249	198	278	261	340	323	404	385	466
SEA BRIGHT BORO	3	3	130	131	110	111	90	91	5	35	75	108	95	128	115	148
	0	0	0	0	10	10	8	8	0	2	1	3	9	12	11	14
	2	2	1	2	3	3	118	117	3	18	4	25	6	37	122	153
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHREWSBURY TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	6	6	15	15	1	1	1	1	3	3	9	9
16	2	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1
SHREWSBURY BORO	1	1	18	18	15	15	13	13	0	0	10	10	13	13	15	15
	1	1	3	3	46	46	38	38	0	0	1	1	38	38	46	46
	1	1	1	1	2	2	63	63	0	0	0	0	1	1	63	63
	12	12	12	12	20	20	43	43	3	10	4	14	11	25	31	45
17	60	60	51	51	43	43	34	34	25	25	34	34	42	42	51	51
LITTLE SILVER BORO	9	9	384	384	325	325	266	266	3	3	207	207	266	266	325	325
	3	3	14	14	227	227	186	186	1	1	7	7	186	186	227	227
	3	3	3	3	5	5	220	220	1	1	1	1	4	4	220	220
	14	14	13	13	22	22	47	47	2	2	3	3	10	10	32	32
18	851	853	730	732	608	608	486	487	389	558	510	679	632	803	754	924
MONMOUTH BEACH BORO	13	15	580	581	490	491	401	401	18	112	327	432	417	522	506	612
	1	1	4	4	67	67	55	55	1	7	3	11	57	68	69	80
	0	0	0	0	0	0	6	5	0	1	0	2	0	2	6	8
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
EATONTOWN BORO	0	0	5	5	4	4	3	3	0	0	2	2	3	3	4	4
	1	1	2	2	32	32	26	26	0	0	1	1	26	26	32	32
	1	1	1	1	2	2	67	67	0	0	0	0	1	1	67	67
	175	176	214	214	289	289	346	346	34	54	57	86	130	171	237	278
20	166	166	142	142	118	118	95	95	71	73	95	97	119	121	142	144
OCEANPORT BORO	24	25	917	917	776	776	635	635	10	20	496	508	637	649	778	790
	4	4	17	17	257	256	210	209	2	5	9	13	210	216	257	263
	4	4	3	4	5	5	143	142	1	3	2	5	4	9	143	148
	6	6	6	6	10	10	20	19	1	3	2	4	5	7	14	17
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST LONG BRANCH BORO	0	0	6	6	5	5	4	4	0	0	3	3	4	4	5	5
	0	0	1	2	24	24	19	20	0	1	1	1	19	20	24	24
	3	3	3	2	4	4	160	160	1	3	1	5	3	8	161	166
	24	25	23	23	40	40	86	85	8	33	11	46	24	76	64	116
22	267	267	228	229	190	191	152	152	116	132	155	170	193	208	231	247
LONG BRANCH CITY	39	40	1,605	1,606	1,358	1,358	1,111	1,111	20	66	872	923	1,119	1,171	1,366	1,418
	13	13	56	58	955	956	781	782	9	39	37	78	790	850	964	1,024
	12	12	10	11	17	18	727	727	7	35	10	49	20	76	735	792
	54	58	51	55	89	89	190	189	53	354	73	496	125	735	214	824
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCEAN TWP	1	1	24	24	21	21	17	17	0	0	13	13	16	16	20	20
	1	1	3	3	58	58	48	48	0	1	2	3	48	49	58	59
	2	2	2	2	3	3	143	143	1	3	1	4	3	7	144	147
	102	103	98	100	167	167	347	347	33	141	46	196	103	320	263	480
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEAL BORO	0	0	4	4	3	3	3	2	1	8	3	10	4	11	4	12
	1	0	1	0	8	9	7	7	1	11	2	16	10	29	11	31
	0	1	0	1	1	0	18	17	3	23	4	32	6	47	24	65
	5	6	4	7	6	7	14	14	28	222	40	311	59	450	65	457
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALLENHURST BORO	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1
	0	1	1	1	26	26	22	21	1	4	2	7	23	30	27	35
	1	1	1	1	2	2	63	63	2	12	2	17	4	25	66	88
	2	2	2	2	3	2	5	6	3	22	4	31	7	46	10	48
26	6	6	5	5	4	4	3	3	2	2	3	3	4	4	5	5
INTERLAKEN BORO	1	1	24	24	20	20	17	17	0	0	13	13	17	17	20	20
	1	1	3	3	51	51	42	42	0	0	2	2	41	41	50	50
	1	1	1	1	2	2	64	64	0	0	0	0	1	1	65	65
	3	2	2	2	3	3	8	7	0	1	1	1	2	3	5	6
27	3	3	3	3	2	2	2	2	2	3	2	3	3	4	3	4
LOCH ARBOUR VILLAGE	2	2	35	36	29	30	24	25	1	8	20	27	26	33	31	38
	2	2	5	5	52	52	43	43	1	7	3	11	45	56	54	65
	0	0	0	0	0	0	5	5	0	1	0	1	0	1	5	6
	0	0	0	1	1	0	0	1	0	1	0	1	0	2	1	2
28	6	6	5	5	4	4	3	3	2	2	3	3	4	4	5	5
ASBURY PARK CITY	6	6	268	268	227	226	186	185	3	6	145	148	186	190	227	231

	52	64	253	270	5,019	5,043	5,019	5,043	14	20	66	75	1,286	1,299	1,286	1,299	10	9	42	42	706	706	578	578	4	11	24	33	580	593	708	721
	40	48	40	52	79	97	3,852	3,870	11	15	11	17	21	30	987	997	8	8	7	7	12	12	493	493	3	7	4	10	9	18	494	504
	64	81	65	89	128	163	313	347	17	26	18	31	34	53	82	100	13	13	13	13	22	22	48	47	4	13	5	18	12	31	34	53
29	558	589	558	589	558	589	558	589	272	289	272	289	272	289	272	289	189	189	162	162	135	135	108	108	83	100	110	127	137	154	164	181
NEPTUNE TWP	34	127	991	1,095	991	1,095	991	1,095	16	66	425	480	425	480	425	480	7	7	271	271	229	229	188	187	9	59	154	209	196	251	237	293
	60	198	183	377	2,817	3,094	2,817	3,094	28	102	81	186	1,207	1,356	1,207	1,356	13	13	43	45	652	652	534	533	15	89	38	141	555	704	673	823
	88	279	109	376	176	558	3,698	4,080	41	144	51	195	81	287	1,584	1,791	21	22	22	23	31	31	777	778	20	122	29	172	50	256	807	1,013
	289	500	330	625	579	999	1,139	1,560	127	240	146	304	254	480	493	720	94	95	99	100	155	155	276	277	33	145	47	204	99	325	217	443
30	30	30	30	30	30	30	30	30	16	16	16	16	16	16	16	16	11	11	10	10	8	8	7	7	5	5	6	6	8	8	9	9
NEPTUNE CITY BORO	7	8	264	265	264	265	264	265	3	4	121	122	121	122	121	122	2	2	79	79	67	67	54	55	1	2	42	43	54	55	67	67
	13	20	51	60	913	926	913	926	6	10	24	29	419	426	419	426	4	4	15	15	230	229	188	188	2	6	9	14	189	197	231	238
	14	19	17	23	28	38	778	787	7	9	8	12	13	19	357	362	5	5	5	5	7	8	178	178	2	4	3	7	6	11	179	184
	104	118	134	153	208	235	294	321	48	56	62	73	96	112	135	151	40	40	48	48	66	66	80	80	8	16	14	25	30	46	55	71
31	43	54	43	54	43	54	43	54	23	30	23	30	23	30	23	30	15	16	13	14	11	11	9	9	8	14	10	16	12	19	14	21
BRADLEY BEACH BORO	20	104	396	489	396	489	396	489	11	65	188	247	188	247	188	247	3	4	117	117	99	98	81	80	8	61	71	130	89	149	107	167
	48	255	132	422	1,873	2,287	1,873	2,287	27	159	69	253	888	1,151	888	1,151	6	8	28	30	468	468	383	383	21	151	41	223	420	683	505	768
	32	159	40	217	65	318	1,466	1,719	18	98	23	135	36	197	693	854	5	6	5	6	8	8	335	335	13	92	18	129	28	189	358	519
	14	27	14	33	27	53	62	88	7	15	7	19	13	30	30	46	5	5	4	5	7	8	17	16	2	10	3	14	6	22	13	30
32	146	181	146	181	146	181	146	181	77	98	77	98	77	98	77	98	52	52	44	44	37	37	30	29	25	46	33	54	40	61	47	69
AVON-BY-THE-SEA BORO	27	135	584	704	584	704	584	704	15	82	270	345	270	345	270	345	4	5	169	170	143	143	117	117	11	77	101	175	127	202	153	228
	26	134	72	224	1,035	1,252	1,035	1,252	14	82	36	131	479	613	479	613	3	5	15	16	253	252	207	206	11	77	21	115	226	361	272	407
	7	36	9	49	15	72	331	388	4	22	5	30	8	43	153	188	1	2	1	2	2	2	74	74	3	20	4	28	6	41	79	114
	3	14	4	20	7	29	11	34	2	9	2	12	3	17	6	20	1	1	0	1	1	1	3	3	1	8	2	11	2	16	3	17
33	367	440	367	440	367	440	367	440	216	263	216	263	216	263	216	263	147	147	126	126	105	104	84	84	69	116	90	137	111	159	132	179
BELMAR BORO	78	353	1,891	2,196	1,891	2,196	1,891	2,196	45	223	974	1,172	974	1,172	974	1,172	15	17	615	617	520	520	425	426	30	206	359	555	454	652	549	746
	69	332	200	568	2,947	3,472	2,947	3,472	41	210	110	347	1,520	1,859	1,520	1,859	13	14	50	51	809	809	662	662	28	196	60	296	711	1,050	858	1,197
	15	69	18	95	30	139	620	729	9	44	11	60	17	88	320	390	3	3	3	3	4	4	155	155	6	41	8	57	13	84	165	235
	10	46	12	62	19	91	30	102	6	29	7	40	11	58	17	63	2	2	2	3	3	4	6	6	4	27	5	37	8	54	11	57
34	27	35	27	35	27	35	27	35	14	19	14	19	14	19	14	19	9	10	8	8	7	7	5	6	5	9	6	11	7	12	9	13
SOUTH BELMAR BORO	8	37	182	214	182	214	182	214	4	22	82	102	82	102	82	102	1	2	51	52	43	44	36	36	3	20	31	50	39	58	46	66
	12	66	32	107	440	548	440	548	7	39	16	61	199	264	199	264	2	2	6	6	104	104	85	85	5	37	10	55	95	160	114	179
	11	60	14	83	22	121	437	535	6	36	8	49	12	72	198	257	1	2	2	1	2	3	95	95	5	34	6	48	10	69	103	162
	15	69	18	93	30	138	53	160	8	40	10	55	16	81	26	91	3	3	3	3	5	5	10	10	5	37	7	52	11	76	16	81
35	111	136	111	136	111	136	111	136	65	79	65	79	65	79	65	79	44	44	38	38	31	31	25	25	21	35	27	41	34	48	40	54
SPRING LAKE BORO	24	116	476	578	476	578	476	578	13	63	247	303	247	303	247	303	5	5	155	156	131	132	107	108	8	58	92	147	116	171	140	195
	10	48	27	80	378	452	378	452	5	26	14	43	196	237	196	237	1	2	6	7	105	105	86	86	4	24	8	36	91	132	110	151
	10	44	12	60	19	87	365	433	5	24	6	32	10	47	189	226	2	3	2	2	3	3	92	92	3	21	4	30	7	44	97	134
	55	243	69	332	111	487	178	554	29	132	37	180	59	264	94	299	12	14	13	14	21	21	39	39	17	118	24	166	38	243	55	260
36	8	8	8	8	8	8	8	8	4	4	4	4	4	4	4	4	3	3	2	2	2	2	1	1	1	1	2	2	2	2	3	3
SPRING LAKE HEIGHTS B	3	16	84	98	84	98	84	98	2	10	41	50	41	50	41	50	1	0	26	26	22	22	18	18	1	10	15	24	19	28	23	32
	6	22	19	42	325	358	325	358	3	14	10	25	157	178	157	178	1	2	5	5	85	84	69	69	2	12	5	20	72	94	88	109
	6	26	7	34	13	51	369	407	4	16	4	22	7	32	178	203	2	1	1	2	2	2	87	87	2	15	3	20	5	30	91	116
	70	259	81	345	141	518	271	648	38	161	45	217	77	322	140	385	18	19	17	19	29	29	63	63	20	142	28	198	48	293	77	322
37	3	4	3	4	3	4	3	4	1	2	1	2	1	2	1	2	0	1	0	0	0	0	0	0	1	1	1	2	1	2	1	2
SEA GIRT BORO	13	75	240	309	240	309	240	309	8	43	126	166	126	166	126	166	2	2	78	79	66	66	54	54	6	41	48	87	60	100	72	112
	16	91	41	146	544	694	544	694	9	53	22	83	285	372	285	372	2	3	9	9	150	150	123	122	7	50	13	74	135	222	162	250
	12	62	15	85	24	124	475	575	7	36	8	49	13	72	249	307	2	2	1	2	3	3	120	120	5	34	7	47	10	69	129	187
	19	88	23	119	38	176	66	203	11	50	13	69	21	101	36	116	5	4	4	5	7	7	15	15	6	46	9	64	14	94	21	101
38	2,133	2,836	2,133	2,836	2,133	2,836	2,133	2,836	1,197	1,583	1,197	1,583	1,197	1,583	1,197	1,583	800	804	686	690	571	572	457	457	397	779	511	893	626	1,011	740	1,126
MANASQUAN BORO	48	229	1,135	1,336	1,135	1,336	1,135	1,336	25	124	560	670	560	670	560	670	8	9	354	355	299	299	245	245	17	115	206	315	261	371	315	425
	22	117	58	192	814	1,005	814	1,005	11	64	30	103	402	507	402	507	3	4	13	13	213	213	174	174	8	60	17	90	189	294	228	333
	11	51	14	69	23	102	580	660	6	28	7	38	12	55	286	330	2	3	2	3	4	3	140	140	4	25	5	35	8	52	146	190
	17	22	17	24	34	44	82	92	8	11	9	12	17	22	41	46	6	7	7	6	11	11	24	24	2	4	2	6	6	11	17	22
39	309	335	309	335	309	335	309	335	176	190	176	190	176	190	176	190	122	122	104	105	87	87	69	70	54	68	72	85	89	103	107	120
BRIELLE BORO	21	68	701	753	701	753	701	753	11	36	350	378	350	378	350	378	6	6	225	225	190	190	155	156	5	30	125	153	160	188	195	222
	8	22	29	49	500	529	500	529	4	12	15	25	250	265	250	265	2	3	9	9	136	136	111	112	2	9	6	16	114	129	139	153
	4	9	5	11	9	17	246	255	2	4	3	6	4	9	123	128	1	1	2	2	2	2	61	62	1	3	1	4	2	7	62	66
	60	100	72	127	120	200	216	295	30	51	36	65	60	102	108	150	23	23	26	26	38	38	61	61	7	28	10	39	22	64	47	89
40	74	78	74	78	74	78	74	78	43	45	43	45	43	45	43	45	30	30	26	26	21	22	17	17	13	15	17	19	22	23	26	28
WALL TWP	2	5	80	83	80	83	80	83	1	3	40	42	40	42	40	42	1	1	26	26	22	22	18	18	0	2	14	16	18	20	22	24
	4	7	11	15	138	144	138	144	2	4	5	7	70	72	70	72	1	2	3	3	38	38	32	31	1	2	2	4	32	34	38	41
	8	16	10	21	16	31	329	344	4	8	5	10	8	16	166	173	3	3	3	3	4	5	82	82	1	5	2	7	4	11	84	91
	475	770	571	985	949	1,541	1,653	2,244	239	388	287	495	478	775	832	1,129	185	187	206	208	305	305	474	474	54	201	81	287	173	470	358	655
41	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2
TINTON FALLS BORO	0	0	5	5	5	5	5	5	0	0	2	2	2	2	2	2	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1
	0	0	0	0	8	8	8	8	0	0	0	0	4	4	4	4	0	0	0	0	2	2	2	2	0	0	0	0	2	2	2	2
	0	0	0	0	0	0	13	13	0	0	0	0	0	0	6	6	0	0	0	0	0	0	3	3	0	0	0	0	0	0	3	3
	148	168	149	176	296	335	733	771	70	81	71	85	141	161	348	368	58	59	55	55	97	96	207	207	12	22	16	30	44	65	141	161
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOWELL TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1,471	1,549	1,875	1,984	2,943	3,098	4,327	4,482	677	711	863	911	1,355	1,422	1,992	2,060	571	572	685	686	942	941	1,189	1,190	106	139	178	225	413	481	803	870
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMINGDALE BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	14	14	14	29	29	72	72	7	7	7	7	14	14	36	36	6	6	6	6	10	10	22	22	1	1	1	1	4	4	14	14
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLTS NECK TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	124	170	131	196	248	341	566	659	60	79	63	90	119	158	274	313	49	48	47	47	79	79	161	161	11	31	16	43	40	79	113	152
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOLMDEL TWP	0	0	9	9	9	9	9	9	0	0	4	4	4	4	4	4	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	2
	0	0	2	2	46	46	46	46	0	0	1	1	22	22	22	22	0	0	1	1	12	12	10	10	0	0	0	0	10	10	12	12
	4	6	5	6	9	11	433	435	2	3	2	3	4	5	206	207	2	2	1	2	2	2	103	103	0	1	1	1	2	3	103	104
	306	375	371	468	612	750	1,041	1,180	145	175	176	217	290	350	495	554	120	120	136	136	197	198	292	292	25	55	40	81	93	152	203	262
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARLBORO TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	688	744	823	902	1,375	1,488	2,421	2,534	320	344	384	417	641	688	1,129	1,177	269	270	304	304	444	444	673	674	51	74	80	113	197	244	456	503
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FREEHOLD TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	779	794	978	998	1,558	1,587	2,407	2,436	375	382	471	481	751	765	1,160	1,174	318	318	376	376	524	524	695	695	57	64	95	105	227	241	465	479
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FREEHOLD BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	110	112	110	113	219	223	547	552	42	42	42	43	83	85	207	209	36	35	34	33	58	58	124	124	6	7	8	10	25	27	83	85
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MANALAPAN TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	403	526	435	607	806	1,052	1,776	2,023	182	235	196	270	364	470	804	910	148	149	148	149	244	244	473	474	34	86	48	121	120	226	331	436
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENGLISHTOWN BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	16	16	17	31	33	77	79	6	7	6	7	13	14	32	32	5	6	5	5	9	9	19	18	1	1	1	2	4	5	13	14
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILLSTONE TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	86	90	86	92	172	181	427	436	42	44	42	45	84	88	210	213	35	36	33	34	58	59	126	125	7	8	9	11	26	29	84	88
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROOSEVELT BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	15	10	17	20	30	48	58	5	7	5	8	10	15	24	29	4	4	4	3	7	7	14	14	1	3	1	5	3	8	10	15
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPPER FREEHOLD TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	42	42	42	42	84	84	209	209	23	23	23	23	45	45	114	114	20	20	18	18	31	31	69	69	3	3	5	5	14	14	45	45
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALLENTOWN BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18	18	18	18	36	36	89	89	9	9	9	9	18	18	45	45	8	8	7	7	13	13	27	27	1	1	2	2	5	5	18	18
MONMOUTH TOTALS	48,329	56,650	83,167	93,676	125,108	138,671	168,629	182,192	24,455	29,133	40,357	46,244	58,797	66,358	78,224	85,776	17,250	17,314	25,367	25,435	31,865	31,874	36,437	36,439	7,205	11,819	14,990	20,809	26,932	34,484	41,787	49,337

CUMBERLAND COUNTY
EVACUATION STATISTICS DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : (light lavender) - CAT 1 · (cyan) - CAT 2 · (yellow) - CAT 3 · (purple) - CAT 4 · (white) - INLAND

EVACUATION AREAS	Legend	Evacuating People: Cat 1 Evac Pop Low Occ	Cat 1 Evac Pop High Occ	Cat 2 Evac Pop Low Occ	Cat 2 Evac Pop High Occ	Cat 3 Evac Pop Low Occ	Cat 3 Evac Pop High Occ	Cat 4 Evac Pop Low Occ	Cat 4 Evac Pop High Occ	Evacuating Vehicles: Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ
1	CAT 1	549	571	549	571	549	571	549	571	267	278	267	278	267	278	267	278
MAURICE RIVER TWP-South	CAT 2	47	57	391	407	391	407	391	407	20	25	167	175	167	175	167	175
	CAT 3	7	8	12	14	90	94	90	94	3	3	5	6	38	40	38	40
	CAT 4	5	5	7	7	10	11	65	67	2	2	3	3	4	5	28	29
	INLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	CAT 1	15	15	15	15	15	15	15	15	10	10	10	10	10	10	10	10
BAYSIDE-SOUTHERN STATE	CAT 2	8	10	71	73	71	73	71	73	5	5	39	40	39	40	39	40
	CAT 3	6	6	10	11	66	68	66	68	3	3	6	6	37	38	37	38
	CAT 4	1	1	2	2	3	3	23	23	1	1	1	1	2	2	13	13
	INLAND	3	3	4	4	6	6	6	6	2	2	2	2	3	3	4	4
3	CAT 1	91	92	91	92	91	92	91	92	52	53	52	53	52	53	52	53
MAURICE RIVER TWP-Central	CAT 2	22	24	211	215	211	215	211	215	11	12	106	108	106	108	106	108
	CAT 3	19	21	36	38	282	287	282	287	10	11	18	19	142	145	142	145
	CAT 4	29	33	39	45	58	64	388	401	15	17	20	23	29	33	195	202
	INLAND	6	6	8	9	12	12	14	14	3	3	4	4	6	6	7	7
4	CAT 1	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3	3
MR TWP-PORT ELIZ-MANUMUSKIN	CAT 2	2	2	31	31	31	31	31	31	1	1	16	16	16	16	16	16
	CAT 3	17	17	32	32	256	258	256	258	9	9	16	17	130	132	130	132
	CAT 4	8	8	10	10	16	16	136	136	4	4	5	5	8	8	69	69
	INLAND	13	13	17	18	25	26	31	32	6	7	9	9	13	13	16	16
5	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAURICE RIVER TWP-NE	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	32	33	42	44	63	65	78	80	14	15	19	20	29	30	35	36
6	CAT 1	449	460	449	460	449	460	449	460	224	229	224	229	224	229	224	229
COMMERCIAL TWP-SOUTH	CAT 2	13	19	418	428	418	428	418	428	6	9	182	187	182	187	182	187
	CAT 3	6	6	10	10	40	40	40	40	3	3	4	4	18	18	18	18
	CAT 4	9	9	13	13	18	18	66	66	4	4	6	6	8	8	29	29
	INLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CAT 1	235	240	235	240	235	240	235	240	123	125	123	125	123	125	123	125
COMMERCIAL TWP-SOUTH-CENTRAL	CAT 2	30	37	541	553	541	553	541	553	14	17	248	254	248	254	248	254
	CAT 3	11	11	18	18	93	93	93	93	5	5	8	8	43	43	43	43
	CAT 4	3	3	4	4	6	6	32	32	1	1	2	2	3	3	15	15
	INLAND	6	6	9	9	12	12	14	14	3	3	4	4	6	6	6	6
8	CAT 1	11	11	11	11	11	11	11	11	5	5	5	5	5	5	5	5
COMMERCIAL TWP-NORTH	CAT 2	12	12	61	61	61	61	61	61	5	5	25	25	25	25	25	25
	CAT 3	16	16	26	26	121	121	121	121	7	7	10	10	49	49	49	49
	CAT 4	56	58	79	81	113	116	229	235	23	24	32	34	46	48	93	97
	INLAND	705	760	981	1,059	1,405	1,489	1,449	1,533	288	318	401	443	574	619	592	637
9	CAT 1	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1
MILLVILLE CITY-SOUTH	CAT 2	2	2	27	27	27	27	27	27	1	1	11	11	11	11	11	11
	CAT 3	89	91	180	183	1,688	1,694	1,688	1,694	37	38	76	77	708	711	708	711
	CAT 4	45	50	56	63	90	98	1,842	1,857	19	22	24	28	38	42	773	781
	INLAND	355	366	465	481	709	726	948	964	149	155	195	204	298	307	398	407
10	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILLVILLE CITY-NORTH	CAT 2	0	0	3	3	3	3	3	3	0	0	1	1	1	1	1	1
	CAT 3	3	3	13	13	257	257	257	257	1	1	5	5	96	96	96	96
	CAT 4	3	3	3	3	5	5	254	254	1	1	1	1	2	2	95	95
	INLAND	153	166	162	180	306	325	697	716	58	65	61	71	115	126	261	272
11	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINELAND CITY	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	2,187	2,269	2,871	2,986	4,369	4,492	5,810	5,933	853	897	1,119	1,182	1,702	1,769	2,262	2,330
12	CAT 1	756	1,270	756	1,270	756	1,270	756	1,270	422	749	422	749	422	749	422	749
DOWNE TWP-SOUTH	CAT 2	32	91	298	398	298	398	298	398	17	55	146	209	146	209	146	209
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	CAT 1	202	208	202	208	202	208	202	208	107	110	107	110	107	110	107	110
DOWNE TWP-CENTRAL	CAT 2	19	22	281	287	281	287	281	287	9	11	130	133	130	133	130	133
	CAT 3	0	0	1	1	14	14	14	14	0	0	0	0	6	6	6	6
	CAT 4	0	0	0	0	0	0	8	8	0	0	0	0	0	0	4	4
	INLAND	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
14	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOWNE TWP-NORTH	CAT 2	0	0	2	2	2	2	2	2	0	0	1	1	1	1	1	1
	CAT 3	0	0	0	0	2	2	2	2	0	0	0	0	1	1	1	1
	CAT 4	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1
	INLAND	3	4	4	5	6	7	8	9	2	2	2	3	3	4	4	4
15	CAT 1	285	322	285	322	285	322	285	322	132	152	132	152	132	152	132	152
LAWRENCE TWP-SW	CAT 2	9	29	224	257	224	257	224	257	4	15	91	109	91	109	91	109
	CAT 3	1	4	5	9	90	98	90	98	1	2	2	4	36	41	36	41
	CAT 4	1	2	1	2	1	3	42	46	0	1	0	1	0	2	17	19
	INLAND	1	4	1	5	2	6	5	9	1	2	1	3	1	3	2	4
16	CAT 1	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1
LAWRENCE TWP-NE	CAT 2	0	0	9	9	9	9	9	9	0	0	4	4	4	4	4	4
	CAT 3	1	2	3	5	63	67	63	67	0	1	1	2	27	29	27	29
	CAT 4	1	1	1	2	1	2	42	44	0	1	0	1	0	1	18	19
	INLAND	30	45	34	55	58	81	114	137	13	20	15	26	25	37	49	60
17	CAT 1	137	154	137	154	137	154	137	154	73	83	73	83	73	83	73	83
FAIRFIELD TWP-SW	CAT 2	3	5	57	60	57	60	57	60	2	3	26	29	26	29	26	29
	CAT 3	2	2	3	4	23	25	23	25	1	1	1	2	11	12	11	12
	CAT 4	0	1	0	1	0	1	8	10	0	0	0	1	0	1	4	5
	INLAND	2	3	2	4	4	5	5	6	1	2	1	2	2	3	2	3
18	CAT 1	20	22	20	22	20	22	20	22	10	11	10	11	10	11	10	11
FAIRFIELD TWP-NE	CAT 2	3	6	59	63	59	63	59	63	1	3	25	27	25	27	25	27
	CAT 3	2	3	5	7	65	69	65	69	1	2	2	3	28	30	28	30
	CAT 4	5	7	7	10	11	14	104	110	2	3	3	5	5	6	44	48
	INLAND	444	477	608	654	886	935	992	1,041	190	207	260	284	379	405	424	450
19	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEERFIELD TWP	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	50	60	59	73	99	114	181	196	22	27	26	34	44	52	80	88
20	CAT 1	9	9	9	9	9	9	9	9	3	3	3	3	3	3	3	3
BRIDGETON CITY	CAT 2	6	6	287	287	287	287	287	287	2	2	81	81	81	81	81	81
	CAT 3	2	2	12	12	243	243	243	243	1	1	3	3	69	69	69	69
	CAT 4	4	4	4	4	7	7	361	361	1	1	1	1	2	2	102	102
	INLAND	182	188	187	196	364	373	877	887	52	55	53	58	104	108	249	254
21	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPPER DEERFIELD TWP	CAT 2	0	0	5	5	5	5	5	5	0	0	2	2	2	2	2	2
	CAT 3	0	0	0	0	5	5	5	5	0	0	0	0	2	2	2	2
	CAT 4	0	0	0	0	0	0	11	11	0	0	0	0	0	0	5	5
	INLAND	109	115	124	132	218	227	437	446	48	51	54	58	95	100	191	195
22	CAT 1	50	50	50	50	50	50	50	50	26	26	26	26	26	26	26	26
HOPEWELL TWP-SOUTH	CAT 2	1	1	36	36	36	36	36	36	0	0	16	16	16	16	16	16
	CAT 3	0	0	1	1	25	25	25	25	0	0	1	1	11	11	11	11
	CAT 4	0	0	0	0	1	1	30	30	0	0	0	0	0	0	14	14
	INLAND	2	2	2	2	3	3	8	8	1	1	1	1	2	2	4	4
23	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOPEWELL TWP-CENTRAL	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	3	3	3	3	0	0	0	0	1	1	1	1
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	7	7	7	7	14	14	34	34	3	3	3	3	6	6	15	15
24	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOPEWELL TWP-NORTH	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	3	3	3	3	0	0	0	0	1	1	1	1
	CAT 4	0	0	0	0	0	0	3	3	0	0	0	0	0	0	1	1
	INLAND	42	47	46	53	83	91	175	183	22	25	24	29	43	48	92	96
25	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHILOH BORO	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	11	13	13	16	22	25	38	40	6	7	7	9	12	14	21	23
26	CAT 1	115	116	115	116	115	116	115	116	71	72	71	72	71	72	71	72
GREENWICH TWP-SOUTH	CAT 2	9	13	334	341	334	341	334	341	5	7	180	184	180	184	180	184
	CAT 3	1	1	3	3	60	60	60	60	0	0	2	2	32	32	32	32
	CAT 4	1	2	1	2	2	3	91	93	1	1	1	1	1	2	49	50
	INLAND	4	6	5	7	8	11	15	18	2	3	3	4	4	6	8	10
27	CAT 1	30	30	30	30	30	30	30	30	20	20	20	20	20	20	20	20
STOW CREEK TWP-SW	CAT 2	0	0	10	10	10	10	10	10	0	0	6	6	6	6	6	6
	CAT 3	1	1	2	2	15	15	15	15	1	1	1	1	9	9	9	9
	CAT 4	1	1	2	2	3	3	13	13	1	1	1	1	2	2	7	7
	INLAND	4	4	6	6	9	9	10	10	3	3	3	3	5	5	6	6
28	CAT 1	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3	3
STOW CREEK TWP-CENTRAL	CAT 2	0	0	8	8	8	8	8	8	0	0	4	4	4	4	4	4

EVACUATION AREAS	Legend	Evac Vehicles to Local Destinations: Local Dest Veh Cat 1 Low Occ	Local Dest Veh Cat 1 High Occ	Local Dest Veh Cat 2 Low Occ	Local Dest Veh Cat 2 High Occ	Local Dest Veh Cat 3 Low Occ	Local Dest Veh Cat 3 High Occ	Local Dest Veh Cat 4 Low Occ	Local Dest Veh Cat 4 High Occ	Evac Vehicles to Out of County: OutofCounty Veh Cat 1 Low Occ	OutofCounty Veh Cat 1 High Occ	OutofCounty Veh Cat 2 Low Occ	OutofCounty Veh Cat 2 High Occ	OutofCounty Veh Cat 3 Low Occ	OutofCounty Veh Cat 3 High Occ	OutofCounty Veh Cat 4 Low Occ	OutofCounty Veh Cat 4 High Occ
1	CAT 1	186	186	159	159	133	132	106	106	81	92	108	119	134	146	161	172
MAURICE RIVER TWP-South	CAT 2	14	14	108	108	91	91	75	75	6	11	59	67	76	84	92	100
	CAT 3	2	2	3	3	21	20	17	17	1	1	2	3	17	20	21	23
	CAT 4	2	1	2	2	2	3	14	14	0	1	1	1	2	2	14	15
	INLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	CAT 1	7	7	6	6	5	5	4	4	3	3	4	4	5	5	6	6
BAYSIDE-SOUTHERN STATE	CAT 2	4	3	25	25	21	21	17	17	1	2	14	15	18	19	22	23
	CAT 3	2	2	4	4	20	20	17	17	1	1	2	2	17	18	20	21
	CAT 4	1	1	1	1	1	1	7	7	0	0	0	0	1	1	6	6
	INLAND	2	2	2	2	2	2	3	3	0	0	0	0	1	1	1	1
3	CAT 1	36	36	31	31	26	26	21	21	16	17	21	22	26	27	31	32
MAURICE RIVER TWP-Central	CAT 2	8	8	69	69	58	58	47	47	3	4	37	39	48	50	59	61
	CAT 3	7	7	12	11	78	78	64	64	3	4	6	8	64	67	78	81
	CAT 4	12	11	14	13	17	17	97	97	3	6	6	10	12	16	98	105
	INLAND	3	2	3	3	4	4	4	4	0	1	1	1	2	2	3	3
4	CAT 1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2
MR TWP-PORT ELIZ-MANUMUSKIN	CAT 2	1	1	10	10	9	9	7	7	0	0	6	6	7	7	9	9
	CAT 3	7	6	10	11	71	72	58	59	2	3	6	6	59	60	72	73
	CAT 4	3	3	3	3	5	5	34	34	1	1	2	2	3	3	35	35
	INLAND	5	6	7	7	9	9	10	9	1	1	2	2	4	4	6	7
5	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAURICE RIVER TWP-NE	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	12	12	15	15	20	20	21	21	2	3	4	5	9	10	14	15
6	CAT 1	156	156	134	134	112	111	89	89	68	73	90	95	112	118	135	140
COMMERCIAL TWP-SOUTH	CAT 2	4	4	118	118	100	99	81	81	2	5	64	69	82	88	101	106
	CAT 3	2	2	3	3	10	10	8	8	1	1	1	1	8	8	10	10
	CAT 4	3	3	4	4	5	5	15	15	1	1	2	2	3	3	14	14
	INLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CAT 1	86	86	73	73	61	61	49	49	37	39	50	52	62	64	74	76
COMMERCIAL TWP-SOUTH-CENTRAL	CAT 2	10	10	161	160	136	136	111	111	4	7	87	94	112	118	137	143
	CAT 3	4	4	5	5	24	24	20	20	1	1	3	3	19	19	23	23
	CAT 4	1	1	1	1	2	2	8	8	0	0	1	1	1	1	7	7
	INLAND	3	3	3	3	4	4	3	3	0	0	1	1	2	2	3	3
8	CAT 1	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3
COMMERCIAL TWP-NORTH	CAT 2	4	4	16	16	14	14	11	11	1	1	9	9	11	11	14	14
	CAT 3	5	5	6	6	27	27	22	22	2	2	4	4	22	22	27	27
	CAT 4	18	18	22	23	27	28	46	47	5	6	10	11	19	20	47	50
	INLAND	241	242	316	316	397	397	351	351	47	76	85	127	177	222	241	286
9	CAT 1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
MILLVILLE CITY-SOUTH	CAT 2	1	1	7	7	6	6	5	5	0	0	4	4	5	5	6	6
	CAT 3	28	28	49	49	389	389	318	318	9	10	27	28	319	322	390	393
	CAT 4	15	15	16	17	22	22	386	386	4	7	8	11	16	20	387	395
	INLAND	126	126	155	155	208	207	238	238	23	29	40	49	90	100	160	169
10	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILLVILLE CITY-NORTH	CAT 2	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1
	CAT 3	1	1	3	3	53	53	43	43	0	0	2	2	43	43	53	53
	CAT 4	1	1	1	1	1	1	47	47	0	0	0	0	1	1	48	48
	INLAND	48	48	48	47	79	80	156	156	10	17	13	24	36	46	105	116
11	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINELAND CITY	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	720	720	888	888	1,185	1,184	1,351	1,352	133	177	231	294	517	585	911	978
12	CAT 1	263	267	226	229	188	188	150	151	159	482	196	520	234	561	272	598
DOWNE TWP-SOUTH	CAT 2	9	9	89	90	75	75	62	62	8	46	57	119	71	134	84	147
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	CAT 1	75	75	64	64	53	53	43	43	32	35	43	46	54	57	64	67
DOWNE TWP-CENTRAL	CAT 2	7	7	84	84	71	71	58	58	2	4	46	49	59	62	72	75
	CAT 3	0	0	0	0	3	3	3	3	0	0	0	0	3	3	3	3
	CAT 4	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	2
	INLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOWNE TWP-NORTH	CAT 2	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	INLAND	2	1	2	2	2	2	2	2	0	1	0	1	1	2	2	2
15	CAT 1	90	91	78	78	65	65	52	52	42	61	54	74	67	87	80	100
LAWRENCE TWP-SW	CAT 2	2	2	58	58	49	49	40	40	2	13	33	51	42	60	51	69
	CAT 3	1	0	1	1	19	20	16	17	0	2	1	3	17	21	20	24
	CAT 4	0	0	0	0	0	1	8	8	0	1	0	1	0	1	9	11
	INLAND	1	0	1	1	0	0	1	1	0	2	0	2	1	3	1	3
16	CAT 1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
LAWRENCE TWP-NE	CAT 2	0	0	3	3	2	2	2	2	0	0	1	1	2	2	2	2
	CAT 3	0	0	0	0	15	15	12	12	0	1	1	2	12	14	15	17
	CAT 4	0	1	0	0	0	0	9	9	0	0	0	1	0	1	9	10
	INLAND	10	10	11	11	16	17	28	28	3	10	4	15	9	20	21	32
17	CAT 1	50	51	43	44	36	36	28	29	23	32	30	39	37	47	45	54
FAIRFIELD TWP-SW	CAT 2	1	1	17	17	14	15	11	12	1	2	9	12	12	14	15	17
	CAT 3	1	0	0	1	6	6	5	5	0	1	1	1	5	6	6	7
	CAT 4	0	0	0	0	0	0	2	2	0	0	0	1	0	1	2	3
	INLAND	1	1	1	1	1	1	1	1	0	1	0	1	1	2	1	2
18	CAT 1	7	7	6	6	5	5	4	4	3	4	4	5	5	6	6	7
FAIRFIELD TWP-NE	CAT 2	0	1	16	16	13	13	11	11	1	2	9	11	12	14	14	16
	CAT 3	1	1	1	1	15	15	13	13	0	1	1	2	13	15	15	17
	CAT 4	1	1	2	2	3	2	22	22	1	2	1	3	2	4	22	26
	INLAND	159	159	205	205	263	263	252	252	31	48	55	79	116	142	172	198
19	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEERFIELD TWP	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	18	18	20	21	30	30	47	48	4	9	6	13	14	22	33	40
20	CAT 1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2
BRIDGETON CITY	CAT 2	2	2	52	52	44	44	36	36	0	0	29	29	37	37	45	45
	CAT 3	1	1	2	2	38	38	31	31	0	0	1	1	31	31	38	38
	CAT 4	1	1	1	1	1	1	51	51	0	0	0	0	1	1	51	51
	INLAND	44	44	42	43	72	72	149	149	8	11	11	15	32	36	100	105
21	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPPER DEERFIELD TWP	CAT 2	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1
	CAT 3	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1
	CAT 4	0	0	0	0	0	0	3	3	0	0	0	0	0	0	2	2
	INLAND	40	40	43	42	66	66	114	114	8	11	11	16	29	34	77	81
22	CAT 1	18	18	16	16	13	13	10	10	8	8	10	10	13	13	16	16
HOPEWELL TWP-SOUTH	CAT 2	0	0	10	10	9	9	7	7	0	0	6	6	7	7	9	9
	CAT 3	0	0	1	1	6	6	5	5	0	0	0	0	5	5	6	6
	CAT 4	0	0	0	0	0	0	7	7	0	0	0	0	0	0	7	7
	INLAND	1	1	1	1	2	2	2	2	0	0	0	0	0	0	2	2
23	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOPEWELL TWP-CENTRAL	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	3	3	2	2	4	4	9	9	0	0	1	1	2	2	6	6
24	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOPEWELL TWP-NORTH	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	INLAND	18	18	19	19	30	30	55	54	4	7	5	10	13	18	37	42
25	CAT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHILOH BORO	CAT 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INLAND	5	5	5	6	8	9	12	13	1	2	2	3	4	5	9	10
26	CAT 1	50	50	43	43	36	36	29	29	21	22	28	29	35	36	42	43
GREENWICH TWP-SOUTH	CAT 2	4	3	117	117	99	99	81	81	1	4	63	67	81	85	99	103
	CAT 3	0	0	1	1	18	18	14	14	0	0	1	1	14	14	18	18
	CAT 4	1	1	1	0	1	1	24	24	0	0	0	1	0	1	25	26
	INLAND	2	2	2	2	3	3	5	5	0	1	1	2	1	3	3	5
27	CAT 1	14	14	12	12	10	10	8	8	6	6	8	8	10	10	12	12
STOW CREEK TWP-SW	CAT 2	0	0	4	4	3	3	3	3	0	0	2	2	3	3	3	3
	CAT 3	1	1	1	1	5	5	4	4	0	0	0	0	4	4	5	5
	CAT 4	1	1	1	1	1	1	3	3	0	0	0	0	1	1	4	4
	INLAND	3	3	2	2	3	3	4	4	0	0	1	1	2	2	2	2
28	CAT 1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2
STOW CREEK TWP-CENTRAL	CAT 2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	2

	0	0	0	0	8	8	8	8	0	0	0	0	4	4	4	4	0	0	0	0	2	2	2	2	0	0	0	0	2	2	2	2
	0	0	0	0	0	0	5	5	0	0	0	0	0	0	3	3	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1
	25	26	34	35	50	52	61	63	14	15	19	20	28	29	34	35	12	12	15	15	20	19	20	20	2	3	4	5	8	10	14	15
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STOW CREEK TWP-NORTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	3	3	3	3	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	0	0	0	0	0	0	3	3	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	49	52	65	69	97	102	119	124	26	28	35	38	53	55	65	67	22	22	28	28	37	36	39	38	4	6	7	10	16	19	26	29
CUMBERLAND TOTALS	**7,969**	**8,979**	**12,691**	**13,896**	**19,024**	**20,278**	**25,734**	**27,013**	**3,596**	**4,193**	**5,642**	**6,354**	**8,262**	**9,000**	**10,967**	**11,715**	**2,744**	**2,744**	**3,876**	**3,882**	**4,941**	**4,941**	**5,603**	**5,609**	**852**	**1,449**	**1,766**	**2,472**	**3,321**	**4,059**	**5,364**	**6,106**

NORTH JERSEY COUNTIES
EVACUATION STATISTICS DATA
New Jersey Hurricane Evacuation ReStudy 2006

LEGEND : [light lavender] - CAT 1 [cyan] - CAT 2 [yellow] - CAT 3 [purple] - CAT 4 [white] - INLAND

HUDSON EVACUATION AREAS	Evacuating People								Evacuating Vehicles								Evac Vehicles to Local Destinations								Evac Vehicles to Out of County							
	Cat 1 Evac Pop Low Occ	Cat 1 Evac Pop High Occ	Cat 2 Evac Pop Low Occ	Cat 2 Evac Pop High Occ	Cat 3 Evac Pop Low Occ	Cat 3 Evac Pop High Occ	Cat 4 Evac Pop Low Occ	Cat 4 Evac Pop High Occ	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ	Local Dest Veh Cat 1 Low Occ	Local Dest Veh Cat 1 High Occ	Local Dest Veh Cat 2 Low Occ	Local Dest Veh Cat 2 High Occ	Local Dest Veh Cat 3 Low Occ	Local Dest Veh Cat 3 High Occ	Local Dest Veh Cat 4 Low Occ	Local Dest Veh Cat 4 High Occ	OutofCounty Veh Cat 1 Low Occ	OutofCounty Veh Cat 1 High Occ	OutofCounty Veh Cat 2 Low Occ	OutofCounty Veh Cat 2 High Occ	OutofCounty Veh Cat 3 Low Occ	OutofCounty Veh Cat 3 High Occ	OutofCounty Veh Cat 4 Low Occ	OutofCounty Veh Cat 4 High Occ
1	2,501	2,506	2,501	2,506	2,501	2,506	2,501	2,506	887	889	887	889	887	889	887	889	754	754	709	709	621	621	532	532	133	135	178	180	266	268	355	357
Bayonne South	32	40	1,564	1,572	1,564	1,572	1,564	1,572	10	13	486	489	486	489	486	489	9	9	413	413	364	364	316	315	1	4	73	76	122	125	170	174
	70	73	347	352	6,925	6,932	6,925	6,932	22	23	108	110	2,150	2,153	2,150	2,153	20	19	92	92	1,612	1,613	1,397	1,398	2	4	16	18	538	540	753	755
	33	36	35	38	67	72	3,059	3,064	10	11	11	12	21	23	950	952	9	9	10	10	20	20	665	665	1	2	1	2	1	3	285	287
	149	180	155	199	298	361	698	761	47	58	49	65	93	117	217	241	45	44	46	46	89	89	203	203	2	14	3	19	4	28	14	38
2	516	517	516	517	516	517	516	517	188	188	188	188	188	188	188	188	160	159	150	150	132	131	113	112	28	29	38	38	56	57	75	76
Bayonne East	19	22	833	836	833	836	833	836	6	7	265	266	265	266	265	266	5	5	225	225	199	198	172	172	1	2	40	41	66	68	93	94
	41	43	151	154	2,643	2,647	2,643	2,647	13	14	48	49	841	842	841	842	12	12	41	41	631	630	547	546	1	2	7	8	210	212	294	296
	21	22	25	26	42	44	1,147	1,149	7	7	8	8	13	14	365	366	7	6	8	7	12	13	255	256	0	1	0	1	1	1	110	110
	228	247	235	261	456	494	1,089	1,126	73	80	75	85	146	160	347	361	71	71	73	73	143	142	328	327	2	9	2	12	3	18	19	34
3	349	349	349	349	349	349	349	349	126	126	126	126	126	126	126	126	107	107	101	101	88	88	76	76	19	19	25	25	38	38	50	50
Bayonne West	6	6	78	78	78	78	78	78	2	2	25	25	25	25	25	25	2	2	21	21	19	19	16	16	0	0	4	4	6	6	9	9
	10	10	20	20	200	200	200	200	3	3	6	6	63	63	63	63	3	3	5	5	47	47	41	41	0	0	1	1	16	16	22	22
	42	42	54	54	85	85	1,296	1,296	13	13	17	17	27	27	409	409	12	12	16	16	26	26	286	286	1	1	1	1	1	1	123	123
	91	91	103	103	182	182	365	365	29	29	32	32	57	57	115	115	29	29	32	32	56	56	109	109	0	0	0	0	1	1	6	6
4	31,552	31,894	31,552	31,894	31,552	31,894	31,552	31,894	7,889	7,980	7,889	7,980	7,889	7,980	7,889	7,980	6,695	6,696	6,301	6,302	5,513	5,513	4,726	4,726	1,194	1,284	1,588	1,678	2,376	2,467	3,163	3,254
Jersey City East	223	287	10,713	10,783	10,713	10,783	10,713	10,783	49	66	2,344	2,363	2,344	2,363	2,344	2,363	42	42	1,990	1,991	1,756	1,756	1,522	1,522	7	24	354	372	588	607	822	841
	32	36	111	116	1,856	1,864	1,856	1,864	7	8	24	26	406	408	406	408	6	6	20	21	304	304	264	264	1	2	4	5	102	104	142	144
	0	0	0	0	1	1	31	31	0	0	0	0	0	0	7	7	0	0	0	0	0	0	5	5	0	0	0	0	0	0	2	2
	3	3	3	3	5	5	14	14	1	1	1	1	1	1	3	3	1	1	1	1	1	1	3	3	0	0	0	0	0	0	0	0
5	11	11	11	11	11	11	11	11	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	0	0	1	1	1	1	1	1
Jersey City Central	1	1	47	47	47	47	47	47	0	0	10	10	10	10	10	10	0	0	9	9	8	8	7	7	0	0	1	1	2	2	3	3
	3	3	15	15	306	306	306	306	1	1	3	3	62	62	62	62	1	1	3	3	47	47	40	40	0	0	0	0	15	15	22	22
	6	6	6	6	12	12	592	592	1	1	1	1	2	2	119	119	1	1	1	1	2	2	83	83	0	0	0	0	0	0	36	36
	1,616	1,772	1,631	1,851	3,231	3,545	7,961	8,274	326	365	330	384	653	729	1,606	1,682	317	318	319	320	636	635	1,515	1,515	9	47	11	64	17	94	91	167
6	5,181	5,181	5,181	5,181	5,181	5,181	5,181	5,181	1,583	1,583	1,583	1,583	1,583	1,583	1,583	1,583	1,346	1,346	1,266	1,266	1,108	1,108	950	950	237	237	317	317	475	475	633	633
Jersey City West	34	34	1,716	1,716	1,716	1,716	1,716	1,716	9	9	459	459	459	459	459	459	8	8	390	390	344	344	298	298	1	1	69	69	115	115	161	161
	32	32	160	160	3,191	3,191	3,191	3,191	9	9	43	43	853	853	853	853	8	8	37	37	640	640	554	554	1	1	6	6	213	213	299	299
	64	66	64	67	128	132	6,357	6,361	17	18	17	18	34	35	1,700	1,701	16	16	16	16	32	32	1,190	1,190	1	2	1	2	2	3	510	511
	177	197	178	206	354	395	877	917	48	54	48	57	95	108	235	248	47	46	46	46	92	92	221	221	1	8	2	11	3	16	14	27
7	25,164	25,212	25,164	25,212	25,164	25,212	25,164	25,212	8,388	8,405	8,388	8,405	8,388	8,405	8,388	8,405	7,128	7,128	6,708	6,709	5,870	5,870	5,031	5,032	1,260	1,277	1,680	1,696	2,518	2,535	3,357	3,373
Hoboken City	165	173	8,167	8,177	8,167	8,177	8,167	8,177	48	51	2,382	2,385	2,382	2,385	2,382	2,385	43	43	2,024	2,024	1,786	1,786	1,548	1,548	5	8	358	361	596	599	834	837
	31	32	154	156	3,082	3,085	3,082	3,085	9	10	45	46	899	900	899	900	8	9	38	39	674	674	584	584	1	1	7	7	225	226	315	316
	7	8	7	8	14	15	682	683	2	2	2	2	4	5	199	199	2	2	2	2	4	4	139	139	0	0	0	0	0	1	60	60
	2	2	2	2	4	4	10	10	1	1	1	1	1	1	3	3	1	1	1	1	1	1	3	3	0	0	0	0	0	0	0	0
8	577	602	577	602	577	602	577	602	264	275	264	275	264	275	264	275	223	223	210	210	184	184	158	157	41	52	54	65	80	91	106	118
Weehawken Hudson	1	2	28	29	28	29	28	29	0	1	11	12	11	12	11	12	0	0	9	10	8	9	7	7	0	1	2	2	3	3	4	5
	0	1	1	2	19	21	19	21	0	0	0	1	8	8	8	8	0	0	0	0	6	5	5	5	0	0	0	1	2	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	10	9	10	18	20	46	47	4	4	4	4	7	8	18	19	4	4	4	3	7	7	17	17	0	0	0	1	0	1	1	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weehawken Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	119	123	119	125	237	245	592	600	36	38	37	39	73	76	182	185	35	36	36	36	72	72	173	173	1	2	1	3	1	4	9	12
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Union City	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	680	753	692	794	1,359	1,506	3,311	3,457	115	130	117	138	230	260	558	588	112	112	113	113	223	223	526	526	3	18	4	25	7	37	32	62
11	72	73	72	73	72	73	72	73	37	38	37	38	37	38	37	38	31	32	30	30	26	26	22	22	6	6	7	8	11	12	15	16
West New York Hudson	1	1	26	26	26	26	26	26	0	0	12	12	12	12	12	12	0	0	10	10	9	9	8	8	0	0	2	2	3	3	4	4
	1	2	5	6	96	97	96	97	0	1	2	3	43	44	43	44	0	1	2	2	32	32	28	28	0	0	0	1	11	12	15	16
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	26	31	27	33	53	62	130	140	12	15	12	16	24	29	59	64	12	12	11	12	23	23	55	55	0	3	1	4	1	6	4	9
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West New York Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	452	537	461	580	904	1,074	2,195	2,365	89	110	91	120	179	219	432	473	85	86	86	87	171	171	405	405	4	24	5	33	8	48	27	68
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guttenberg Hudson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	2	2	2	2	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guttenberg Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	111	136	112	147	222	272	543	593	30	38	30	41	59	75	144	160	29	29	28	28	56	56	135	135	1	9	2	13	3	19	9	25
15	81	82	81	82	81	82	81	82	41	41	41	41	41	41	41	41	35	34	33	32	29	28	25	24	6	7	8	9	12	13	16	17
North Bergen Hudson	0	0	16	16	16	16	16	16	0	0	7	7	7	7	7	7	0	0	6	6	5	5	5	5	0	0	1	1	2	2	2	2
	0	0	1	1	21	21	21	21	0	0	0	0	9	9	9	9	0	0	0	0	7	7	6	6	0	0	0	0	2	2	3	3
	0	0	0	0	0	0	3	3	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	19	26	19	29	38	52	91	105	8	12	9	14	17	25	40	48	7	8	8	8	16	16	37	37	1	4	1	6	1	9	3	11
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Bergen Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	3	3	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	744	808	816	906	1,488	1,616	3,179	3,308	207	228	227	257	413	456	882	925	202	202	220	221	403	403	832	832	5	26	7	36	10	53	50	93
17	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
North Bergen Bay	0	0	7	7	7	7	7	7	0	0	2	2	2	2	2	2	0	0	2	2	2	2	1	1	0	0	0	0	0	0	1	1
	2	2	4	4	30	30	30	30	0	0	1	1	7	7	7	7	0	0	1	1	5	5	5	5	0	0	0	0	2	2	2	2
	12	12	16	16	24	24	213	213	3	3	4	4	6	6	50	50	3	3	4	4	6	6	35	35	0	0	0	0	0	0	15	15
	18	18	24	24	36	36	46	46	4	4	6	6	8	8	11	11	4	4	6	6	8	8	10	10	0	0	0	0	0	0	1	1
18	2,342	2,357	2,342	2,357	2,342	2,357	2,342	2,357	1,088	1,094	1,088	1,094	1,088	1,094	1,088	1,094	924	924	870	870	761	761	652	652	164	170	218	224	327	333	436	442
Secaucus Town	48	74	2,139	2,168	2,139	2,168	2,139	2,168	19	29	870	881	870	881	870	881	16	16	738	738	651	651	565	564	3	13	132	143	219	230	305	317
	19	31	86	103	1,645	1,668	1,645	1,668	8	12	35	41	669	678	669	678	7	6	29	29	501	501	434	434	1	6	6	12	168	177	235	244
	94	110	104	125	189	219	7,104	7,135	38	44	42	50	77	88	2,889	2,901	35	35	39	39	72	71	2,021	2,021	3	9	3	11	5	17	868	880
	20	28	21	33	40	57	93	110	8	11	9	13	16	23	38	44	7	7	8	8	15	15	35	35	1	4	1	5	1	8	3	9
19	249	249	249	249	249	249	249	249	107	107	107	107	107	107	107	107	91	91	86	86	75	75	64	64	16	16	21	21	32	32	43	43
Kearny Town	3	3	157	157	157	157	157	157	1	1	59	59	59	59	59	59	1	1	50	50	44	44	38	38	0	0	9	9	15	15	21	21
	2	2	8	8	165	165	165	165	1	1	3	3	62	62	62	62	1	1	3	3	47	47	40	40	0	0	0	0	15	15	22	22
	27	27	27	27	53	53	2,657	2,657	10	10	10	10	20	20	996	996	10	10	10	10	19	19	697	697	0	0	0	0	1	1	299	299
	356	372	361	383	713	744	1,750	1,782	134	139	135	142	267	278	656	667	132	132	133	132	263	263	622	622	2	7	2	10	4	15	34	45
20	511	511	511	511	511	511	511	511	160	160	160	160	160	160	160	160	136	136	128	128	112	112	96	96	24	24	32	32	48	48	64	64
Harrison Town	5	5	261	261	261	261	261	261	1	1	72	72	72	72	72	72	1	1	61	61	54	54	47	47	0	0	11	11	18	18	25	25
	3	3	16	16	320	320	320	320	1	1	4	4	88	88	88	88	1	1	3	3	66	66	57	57	0	0	1	1	22	22	31	31
	45	45	45	45	91	91	4,530	4,530	12	12	12	12	25	25	1,241	1,241	11	11	11	11	24	24	869	869	1	1	1	1	1	1	372	372
	89	89	89	89	178	178	445	445	24	24	24	24	49	49	122	122	24	24	24	24	49	49	116	116	0	0	0	0	0	0	6	6
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Newark Boro	3	4	112	114	112	114	112	114	1	1	30	31	30	31	30	31	1	0	25	26	22	23	19	20	0	1	5	5	8	8	11	11
	5	8	21	26	407	414	407	414	1	2	6	7	110	112	110	112	1	1	5	5	82	82	71	71	0	1	1	2	28	30	39	41
	3	5	3	6	6	10	246	250	1	1	1	2	2	3	67	68	1	0	1	1	2	1	47	47	0	1	0	1	0	2	20	21
	17	20	17	21	33	40	82	88	5	5	5	6	9	11	22	24	5	4	5	4	9	9	21	21	0	1	0	2	0	2	1	3

SALEM EVACUATION AREAS	Evacuating People								Evacuating Vehicles								Evac Vehicles to Local Destinations								Evac Vehicles to Out of County							
	Cat 1 Evac Pop Low Occ	Cat 1 Evac Pop High Occ	Cat 2 Evac Pop Low Occ	Cat 2 Evac Pop High Occ	Cat 3 Evac Pop Low Occ	Cat 3 Evac Pop High Occ	Cat 4 Evac Pop Low Occ	Cat 4 Evac Pop High Occ	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ	Local Dest Veh Cat 1 Low Occ	Local Dest Veh Cat 1 High Occ	Local Dest Veh Cat 2 Low Occ	Local Dest Veh Cat 2 High Occ	Local Dest Veh Cat 3 Low Occ	Local Dest Veh Cat 3 High Occ	Local Dest Veh Cat 4 Low Occ	Local Dest Veh Cat 4 High Occ	OutofCounty Veh Cat 1 Low Occ	OutofCounty Veh Cat 1 High Occ	OutofCounty Veh Cat 2 Low Occ	OutofCounty Veh Cat 2 High Occ	OutofCounty Veh Cat 3 Low Occ	OutofCounty Veh Cat 3 High Occ	OutofCounty Veh Cat 4 Low Occ	OutofCounty Veh Cat 4 High Occ
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLDMANS TWP	0	0	5	5	5	5	5	5	0	0	3	3	3	3	3	3	0	0	3	3	2	2	2	2	0	0	0	0	1	1	1	1
	4	4	18	18	356	356	356	356	2	2	9	9	182	182	182	182	2	2	8	8	136	136	118	118	0	0	1	1	46	46	64	64
	4	4	4	4	7	7	370	370	2	2	2	2	4	4	189	189	2	2	2	2	4	4	132	132	0	0	0	0	0	0	57	57
	11	11	11	11	21	21	53	53	5	5	5	5	11	11	27	27	5	5	5	5	11	11	26	26	0	0	0	0	0	0	1	1
2	605	605	605	605	605	605	605	605	320	320	320	320	320	320	320	320	272	272	256	256	224	224	192	192	48	48	64	64	96	96	128	128
CARNEYS POINT TWP	11	11	559	559	559	559	559	559	5	5	259	259	259	259	259	259	4	4	220	220	194	194	168	168	1	1	39	39	65	65	91	91
	71	71	233	233	3,782	3,782	3,782	3,782	33	33	108	108	1,751	1,751	1,751	1,751	30	30	92	92	1,313	1,313	1,138	1,138	3	3	16	16	438	438	613	613
	64	65	84	85	128	130	1,653	1,657	30	30	39	40	59	60	765	767	28	28	37	37	56	56	535	535	2	2	2	3	3	4	230	232
	52	54	69	71	104	106	131	134	24	25	32	33	48	50	61	62	24	24	31	31	47	48	58	57	0	1	1	2	1	2	3	5
3	625	625	625	625	625	625	625	625	225	225	225	225	225	225	225	225	191	191	180	180	158	158	135	135	34	34	45	45	67	67	90	90
PENNS GROVE BORO	14	14	539	539	539	539	539	539	5	5	170	170	170	170	170	170	5	5	145	145	128	128	111	111	0	0	25	25	42	42	59	59
	58	58	206	206	3,538	3,538	3,538	3,538	18	18	65	65	1,113	1,113	1,113	1,113	16	16	55	55	835	835	723	723	2	2	10	10	278	278	390	390
	1	1	1	1	3	3	125	125	0	0	0	0	1	1	39	39	0	0	0	0	1	1	27	27	0	0	0	0	0	0	12	12
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4,678	4,678	4,678	4,678	4,678	4,678	4,678	4,678	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,318	2,318	2,182	2,182	1,909	1,909	1,636	1,636	409	409	545	545	818	818	1,091	1,091
PENNSVILLE TWP	154	154	4,337	4,337	4,337	4,337	4,337	4,337	79	79	2,213	2,213	2,213	2,213	2,213	2,213	71	71	1,881	1,881	1,660	1,660	1,439	1,439	8	8	332	332	553	553	774	774
	148	148	340	340	3,900	3,900	3,900	3,900	75	75	173	173	1,990	1,990	1,990	1,990	67	67	147	147	1,493	1,493	1,294	1,294	8	8	26	26	497	497	696	696
	11	11	15	15	22	22	262	262	6	6	7	7	11	11	134	134	6	6	7	7	10	10	94	94	0	0	0	0	1	1	40	40
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	34	34	34	34	34	34	34	34	20	20	20	20	20	20	20	20	17	17	16	16	14	14	12	12	3	3	4	4	6	6	8	8
MANNINGTON TWP	3	3	126	126	126	126	126	126	1	1	64	64	64	64	64	64	1	1	54	54	48	48	42	42	0	0	10	10	16	16	22	22
	2	2	8	8	153	153	153	153	1	1	4	4	77	77	77	77	1	1	3	3	58	58	50	50	0	0	1	1	19	19	27	27
	3	3	3	3	5	5	263	263	1	1	1	1	3	3	133	133	1	1	1	1	3	3	93	93	0	0	0	0	0	0	40	40
	8	8	8	8	17	17	42	42	4	4	4	4	8	8	21	21	4	4	4	4	8	8	20	20	0	0	0	0	0	0	1	1
6	292	292	292	292	292	292	292	292	106	106	106	106	106	106	106	106	90	90	85	85	74	74	64	64	16	16	21	21	32	32	42	42
SALEM CITY	115	115	5,502	5,502	5,502	5,502	5,502	5,502	36	36	1,743	1,743	1,743	1,743	1,743	1,743	32	32	1,482	1,482	1,307	1,307	1,133	1,133	4	4	261	261	436	436	610	610
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	532	555	532	555	532	555	532	555	329	343	329	343	329	343	329	343	278	278	262	261	229	228	196	196	51	65	67	82	100	115	133	147
ELSINBORO TWP	11	23	466	486	466	486	466	486	6	14	253	265	253	265	253	265	4	5	214	213	189	188	163	163	2	9	39	52	64	77	90	102
	1	3	5	7	89	94	89	94	1	2	3	4	48	51	48	51	1	1	2	2	36	35	31	31	0	1	1	2	12	16	17	20
	0	0	0	0	0	0	16	16	0	0	0	0	0	0	9	9	0	0	0	0	0	0	6	6	0	0	0	0	0	0	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	342	344	342	344	342	344	342	344	205	206	205	206	205	206	205	206	174	174	164	164	143	143	123	123	31	32	41	42	62	63	82	83
LOWER ALLOWAYS CREEK TW	13	14	649	651	649	651	649	651	7	8	340	341	340	341	340	341	6	7	289	289	255	255	221	221	1	1	51	52	85	86	119	120
	3	3	13	14	262	264	262	264	1	2	7	7	137	138	137	138	1	1	6	5	103	103	89	89	0	1	1	2	34	35	48	49
	2	2	2	2	5	5	243	243	1	1	1	1	3	3	127	127	1	1	1	1	3	3	89	89	0	0	0	0	0	0	38	38
	4	4	4	4	7	7	18	18	2	2	2	2	4	4	9	9	2	2	2	2	4	4	9	9	0	0	0	0	0	0	0	0
9	15	15	15	15	15	15	15	15	9	9	9	9	9	9	9	9	8	8	7	7	6	6	5	5	1	1	2	2	3	3	4	4
QUINTON TWP	163	163	666	666	666	666	666	666	85	85	346	346	346	346	346	346	77	77	294	294	260	260	225	225	8	8	52	52	86	86	121	121
	33	33	54	54	284	284	284	284	17	17	28	28	148	148	148	148	15	15	24	24	111	111	96	96	2	2	4	4	37	37	52	52
	24	24	32	32	47	47	366	366	12	12	17	17	25	25	190	190	11	11	16	16	24	24	133	133	1	1	1	1	1	1	57	57
	22	22	25	25	44	44	87	87	11	11	13	13	23	23	45	45	11	11	13	13	23	23	43	43	0	0	0	0	0	0	2	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALLOWAY TWP	1	1	34	34	34	34	34	34	0	0	18	18	18	18	18	18	0	0	15	15	14	14	12	12	0	0	3	3	4	4	6	6
	0	0	1	1	17	17	17	17	0	0	0	0	9	9	9	9	0	0	0	0	7	7	6	6	0	0	0	0	2	2	3	3
	1	1	1	1	1	1	70	70	0	0	0	0	1	1	37	37	0	0	0	0	1	1	26	26	0	0	0	0	0	0	11	11
	25	25	25	25	50	50	124	124	13	13	13	13	26	26	65	65	13	13	13	13	26	26	62	62	0	0	0	0	0	0	3	3
11	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	0	1	1	1	1
PILESGROVE TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	1	17	17	17	17	0	0	0	0	9	9	9	9	0	0	0	0	7	7	6	6	0	0	0	0	2	2	3	3
	1	1	1	1	2	2	79	79	0	0	0	0	1	1	40	40	0	0	0	0	1	1	28	28	0	0	0	0	0	0	12	12
	37	39	38	41	74	77	175	178	19	20	19	21	37	39	88	90	19	19	19	19	36	37	83	84	0	1	0	2	1	2	5	6
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODSTOWN BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	7	7	0	0	0	0	0	0	3	3	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1
	30	30	30	30	61	61	152	152	14	14	14	14	29	29	71	71	14	14	14	14	29	29	67	67	0	0	0	0	0	0	4	4
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPPER PITTSGROVE TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	209	210	281	282	418	419	507	508	110	110	147	148	219	220	266	267	109	109	145	146	217	217	253	253	1	1	2	2	2	3	13	14
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELMER BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	20	24	24	41	41	79	79	10	10	11	11	20	20	38	38	10	10	11	11	20	20	36	36	0	0	0	0	0	0	2	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PITTSGROVE TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	761	766	1,036	1,043	1,522	1,529	1,741	1,749	367	370	500	504	735	738	841	844	363	364	495	495	727	727	798	798	4	6	5	9	8	11	43	46
UNION EVACUATION AREAS	Evacuating People								Evacuating Vehicles								Evac Vehicles to Local Destinations								Evac Vehicles to Out of County							
	Cat 1 Evac Pop Low Occ	Cat 1 Evac Pop High Occ	Cat 2 Evac Pop Low Occ	Cat 2 Evac Pop High Occ	Cat 3 Evac Pop Low Occ	Cat 3 Evac Pop High Occ	Cat 4 Evac Pop Low Occ	Cat 4 Evac Pop High Occ	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ	Local Dest Veh Cat 1 Low Occ	Local Dest Veh Cat 1 High Occ	Local Dest Veh Cat 2 Low Occ	Local Dest Veh Cat 2 High Occ	Local Dest Veh Cat 3 Low Occ	Local Dest Veh Cat 3 High Occ	Local Dest Veh Cat 4 Low Occ	Local Dest Veh Cat 4 High Occ	OutofCounty Veh Cat 1 Low Occ	OutofCounty Veh Cat 1 High Occ	OutofCounty Veh Cat 2 Low Occ	OutofCounty Veh Cat 2 High Occ	OutofCounty Veh Cat 3 Low Occ	OutofCounty Veh Cat 3 High Occ	OutofCounty Veh Cat 4 Low Occ	OutofCounty Veh Cat 4 High Occ
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BERKELEY HEIGHTS TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	116	149	118	165	232	299	565	632	55	66	56	71	110	132	271	293	53	53	53	53	106	106	255	255	2	13	3	18	4	26	16	38
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLARK TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	154	165	160	177	307	331	720	744	78	83	81	87	157	165	368	376	77	77	79	79	154	154	348	348	1	6	2	8	3	11	20	28
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRANFORD TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	173	190	175	199	345	380	848	883	88	94	89	98	176	188	433	446	86	86	87	87	172	172	410	410	2	8	2	11	4	16	23	36
4	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498	1,489	1,489	1,489	1,489	1,489	1,489	1,489	1,489	1,266	1,266	1,191	1,191	1,042	1,042	893	893	223	223	298	298	447	447	596	596
ELIZABETH CITY	57	57	2,758	2,758	2,758	2,758	2,758	2,758	17	17	799	799	799	799	799	799	15	15	679	679	599	599	519	519	2	2	120	120	200	200	280	280
	51	51	248	248	4,918	4,918	4,918	4,918	15	15	72	72	1,425	1,425	1,425	1,425	14	14	61	61	1,069	1,069	926	926	1	1	11	11	356	356	499	499
	245	265	252	280	490	531	22,803	22,843	71	78	73	82	142	155	6,605	6,618	67	67	68	68	133	133	4,622	4,622	4	11	5	14	9	22	1,983	1,996
	867	982	885	1,046	1,734	1,964	4,200	4,429	252	289	257	309	503	577	1,218	1,291	244	245	247	248	488	488	1,147	1,146	8	44	10	61	15	89	71	145
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FANWOOD BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	72	72	72	72	144	144	360	360	36	36	36	36	72	72	180	180	36	36	36	36	71	71	171	171	0	0	0	0	1	1	9	9
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GARWOOD BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	36	39	37	40	73	78	181	186	18	19	18	19	36	38	90	92	18	18	18	17	35	35	85	85	0	1	0	2	1	3	5	7
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HILLSIDE TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	221	238	227	251	442	475	1,056	1,090	87	93	90	97	175	185	419	429	85	86	88	88	172	171	397	396	2	7	2	9	3	14	22	33
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENILWORTH BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	79	91	84	100	159	181	360	382	39	43	41	47	78	86	177	185	38	38	40	40	76	76	167	167	1	5	1	7	2	10	10	18
9	1,174	1,181	1,174	1,181	1,174	1,181	1,174	1,181	542	544	542	544	542	544	542	544	460	460	433	433	379	379	325	325	82	84	109	111	163	165	217	219
LINDEN CITY	20	26	937	944	937	944	937	944	8	10	378	381	378	381	378	381	7	7	321	321	283	284	245	246	1	3	57	60	95	97	133	135
	11	16	54	61	1,073	1,082	1,073	1,082	5	6	22	24	433	436	433	436	4	4	18	18	324	324	281	281	1	2	4	6	109	112	152	155
	106	115	118	130	213	229	7,730	7,746	43	46	48	52	86	92	3,121	3,127	40	41	45	45	81	81	2,184	2,184	3	5	3	7	5	11	937	943
	306	308	318	321	613	616	1,445	1,449	124	124	128	129	247	249	584	585	123	122	127	127	244	245	555	554	1	2	1	2	3	4	29	31
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOUNTAINSIDE BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	61	61	61	61	123	123	307	307	33	33	33	33	66	66	165	165	33	33	33	33	65	65	157	157	0	0	0	0	1	1	8	8
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW PROVIDENCE BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	115	121	116	123	230	242	574	585	54	56	54	57	107	111	268	271	53	53	53	53	105	105	254	253	1	3	1	4	2	6	14	18
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLAINFIELD CITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	401	422	417	448	801	845	1,878	1,921	136	142	141	150	271	284	636	649	134	133	138	138	266	266	602	602	2	9	3	12	5	18	34	47
13	4,402	4,406	4,402	4,406	4,402	4,406	4,402	4,406	2,032	2,033	2,032	2,033	2,032	2,033	2,032	2,033	1,727	1,727	1,625	1,625	1,422	1,422	1,219	1,219	305	306	407	408	610	611	813	814
RAHWAY CITY	21	23	1,048	1,050	1,048	1,050	1,048	1,050	9	9	423	424	423	424	423	424	8	7	359	360	317	317	275	275	1	2	64	64	106	107	148	149
	18	20	89	92	1,782	1,785	1,782	1,785	7	8	36	37	719	721	719	721	6	7	30	31	539	540	467	468	1	1	6	6	180	181	252	253
	70	75	71	78	140	151	6,785	6,796	28	30	29	31	56	60	2,740	2,744	26	26	27	26	53	53	1,918	1,918	2	4	2	5	3	7	822	826
	133	146	139	157	266	292	621	646	54	58	56	62	107	116	250	260	53	52	55	54	105	104	236	237	1	6	1	8	2	12	14	23
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSELLE BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	175	182	176	185	351	364	874	887	66	68	66	69	131	136	328	332	65	65	65	65	129	129	311	310	1	3	1	4	2	7	17	22
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSELLE PARK BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	117	125	117	129	234	250	582	598	50	53	50	55	101	107	250	256	49	49	49	50	99	99	237	237	1	4	1	5	2	8	13	19
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCOTCH PLAINS TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	199	227	204	244	398	455	958	1,015	97	107	100	113	195	214	471	491	95	95	97	96	190	190	445	445	2	12	3	17	5	24	26	46
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPRINGFIELD TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125	149	126	160	249	298	612	661	61	71	62	75	123	142	303	322	59	60	60	59	119	119	285	285	2	11	2	16	4	23	18	37
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUMMIT CITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	225	247	231	262	449	495	1,077	1,122	99	107	101	112	197	213	474	490	97	97	98	99	193	193	448	448	2	10	3	13	4	20	26	42
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNION TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	577	637	618	701	1,155	1,274	2,582	2,701	254	274	271	300	507	549	1,136	1,178	249	248	264	265	496	497	1,074	1,074	5	26	7	35	11	52	62	104
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTFIELD TOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	313	364	320	391	626	728	1,514	1,616	148	165	151	174	295	329	717	751	144	144	146	146	287	287	677	676	4	21	5	28	8	42	40	75
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WINFIELD TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15	15	15	15	31	31	76	76	7	7	7	7	14	14	34	34	7	7	7	7	14	14	32	32	0	0	0	0	0	0	0	2

ESSEX EVACUATION AREAS	Evacuating People								Evacuating Vehicles								Evac Vehicles to Local Destinations								Evac Vehicles to Out of County							
	Cat 1 Evac Pop Low Occ	Cat 1 Evac Pop High Occ	Cat 2 Evac Pop Low Occ	Cat 2 Evac Pop High Occ	Cat 3 Evac Pop Low Occ	Cat 3 Evac Pop High Occ	Cat 4 Evac Pop Low Occ	Cat 4 Evac Pop High Occ	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ	Local Dest Veh Cat 1 Low Occ	Local Dest Veh Cat 1 High Occ	Local Dest Veh Cat 2 Low Occ	Local Dest Veh Cat 2 High Occ	Local Dest Veh Cat 3 Low Occ	Local Dest Veh Cat 3 High Occ	Local Dest Veh Cat 4 Low Occ	Local Dest Veh Cat 4 High Occ	OutofCounty Veh Cat 1 Low Occ	OutofCounty Veh Cat 1 High Occ	OutofCounty Veh Cat 2 Low Occ	OutofCounty Veh Cat 2 High Occ	OutofCounty Veh Cat 3 Low Occ	OutofCounty Veh Cat 3 High Occ	OutofCounty Veh Cat 4 Low Occ	OutofCounty Veh Cat 4 High Occ
1	405	405	405	405	405	405	405	405	114	114	114	114	114	114	114	114	97	97	91	91	80	80	69	69	17	17	23	23	34	34	45	45
NEWARK 1	432	439	18,820	18,828	18,820	18,828	18,820	18,828	106	108	4,622	4,625	4,622	4,625	4,622	4,625	95	95	3,928	3,929	3,466	3,467	3,004	3,005	11	13	694	696	1,156	1,158	1,618	1,620
	112	117	532	539	10,427	10,437	10,427	10,437	28	29	131	133	2,561	2,564	2,561	2,564	25	25	111	111	1,920	1,920	1,664	1,664	3	4	20	22	641	644	897	900
	180	184	182	187	361	369	17,691	17,699	44	45	45	46	89	91	4,345	4,348	42	41	43	42	84	84	3,041	3,042	2	4	2	4	5	7	1,304	1,306
	32	32	32	32	63	63	153	153	8	8	8	8	15	15	38	38	8	8	8	8	15	15	36	36	0	0	0	0	0	0	2	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWARK 2	3	3	130	130	130	130	130	130	1	1	26	26	26	26	26	26	1	1	22	22	20	20	17	17	0	0	4	4	6	6	9	9
	0	0	2	2	40	40	40	40	0	0	0	0	8	8	8	8	0	0	0	0	6	6	5	5	0	0	0	0	2	2	3	3
	17	17	17	17	33	33	1,673	1,673	3	3	3	3	7	7	331	331	3	3	3	3	7	7	232	232	0	0	0	0	0	0	99	99
	1,854	2,013	1,902	2,125	3,708	4,026	8,908	9,227	368	406	378	431	736	812	1,765	1,841	359	359	367	367	718	717	1,666	1,666	9	47	11	64	18	95	99	175
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWARK 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	354	354	361	361	709	709	1,722	1,722	92	92	93	93	183	183	445	445	91	91	92	92	181	181	423	423	1	1	1	1	2	2	22	22
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELLEVILLE	20	22	983	985	983	985	983	985	8	9	397	398	397	398	397	398	7	8	337	338	298	298	258	258	1	1	60	60	99	100	139	140
	4	6	20	23	398	402	398	402	2	2	8	9	161	162	161	162	2	1	7	7	121	120	105	104	0	1	1	2	40	42	56	58
	7	8	7	9	13	17	630	633	3	3	3	4	5	7	254	256	3	2	3	3	5	5	178	178	0	1	0	1	0	2	76	78
	346	372	353	389	693	744	1,682	1,733	140	149	142	155	280	298	679	697	137	137	139	139	275	274	643	642	3	12	3	16	5	24	36	55
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NUTLEY TWP	8	8	419	419	419	419	419	419	4	4	187	187	187	187	187	187	4	4	159	159	140	140	122	122	0	0	28	28	47	47	65	65
	1	1	7	7	148	148	148	148	1	1	3	3	66	66	66	66	1	1	3	3	49	49	43	43	0	0	0	0	17	17	23	23
	3	3	3	3	7	7	336	336	2	2	2	2	3	3	150	150	2	2	2	2	3	3	105	105	0	0	0	0	0	0	45	45
	249	261	250	266	499	522	1,242	1,265	111	115	111	117	222	231	554	562	109	109	109	109	219	219	525	525	2	6	2	8	3	12	29	37
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLOOMFIELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	452	472	458	486	904	943	2,213	2,253	191	199	194	204	382	397	937	952	188	189	191	190	376	376	888	888	3	10	3	14	6	21	49	64
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GLEN RIDGE BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	72	77	72	80	144	155	358	369	32	34	33	35	65	68	161	165	31	32	32	32	64	64	152	153	1	2	1	3	1	4	9	12
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST ORANGE CITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	717	781	732	821	1,435	1,562	3,476	3,604	172	190	175	201	343	380	830	867	168	167	170	170	334	334	783	784	4	23	5	31	9	46	47	83
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF ORANGE TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	299	343	302	363	598	686	1,476	1,564	77	91	78	97	154	181	379	407	74	75	75	75	149	148	356	357	3	16	3	22	5	33	23	50
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRVINGTON TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	596	638	598	657	1,191	1,275	2,959	3,044	168	182	169	189	335	364	832	861	164	164	164	165	328	328	786	787	4	18	5	24	7	36	46	74
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAPLEWOOD TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	233	236	233	237	466	472	1,163	1,169	92	93	92	94	185	187	462	464	91	91	91	92	183	183	439	439	1	2	1	2	2	4	23	25
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH ORANGE VILLAGE TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	167	196	176	216	335	391	772	828	73	83	77	91	147	166	339	359	71	71	74	75	143	142	319	320	2	12	3	16	4	24	20	39
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST ORANGE TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	434	515	442	556	869	1,031	2,113	2,275	193	222	196	236	386	443	943	1,000	187	188	188	189	374	374	888	888	6	34	8	47	12	69	55	112
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTCLAIR TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	373	411	378	431	746	822	1,829	1,905	154	169	156	176	309	337	758	787	150	152	152	152	302	302	716	717	4	17	4	24	7	35	42	70
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VERONA TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	141	197	144	222	281	393	679	791	64	86	66	96	129	172	313	356	60	61	61	61	122	121	291	291	4	25	5	35	7	51	22	65
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEDAR GROV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	112	112	112	112	224	224	561	561	55	55	55	55	110	110	275	275	54	54	54	54	109	109	261	261	1	1	1	1	1	1	14	14
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH CALDWELL BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	65	86	66	96	130	172	315	357	34	40	34	43	68	81	167	180	33	32	32	32	65	65	157	157	1	8	2	11	3	16	10	23
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAIRFIELD TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	24	24	26	26	47	47	100	100	13	13	14	14	25	25	53	53	13	13	14	14	25	25	50	50	0	0	0	0	0	0	3	3
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST CALDWELL TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	104	109	104	111	208	217	518	527	56	57	56	58	111	115	277	281	55	55	55	55	109	110	263	263	1	2	1	3	2	5	14	18
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALDWELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	73	82	73	86	145	164	360	378	33	37	33	39	66	74	163	171	32	32	32	32	64	64	154	154	1	5	1	7	2	10	9	17
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESSEX FELLS TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	23	23	23	45	45	113	113	12	12	12	12	23	23	59	59	12	12	12	12	23	23	56	56	0	0	0	0	0	0	3	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSELAND BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	54	79	56	90	108	157	261	309	29	38	29	42	57	75	139	157	27	27	27	27	54	54	130	129	2	11	2	15	3	21	9	28
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LIVINGSTON TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	297	340	313	374	595	681	1,367	1,453	148	162	156	175	296	324	684	711	145	145	152	152	289	290	646	646	3	17	4	23	7	34	38	65
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILLBURN TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	196	230	202	251	392	461	930	999	92	103	94	110	183	206	437	460	89	89	91	91	178	178	412	412	3	14	3	19	5	28	25	48

MIDDLESEX EVACUATION AREAS	Evacuating People								Evacuating Vehicles								Evac Vehicles to Local Destinations								Evac Vehicles to Out of County							
	Cat 1 Evac Pop Low Occ	Cat 1 Evac Pop High Occ	Cat 2 Evac Pop Low Occ	Cat 2 Evac Pop High Occ	Cat 3 Evac Pop Low Occ	Cat 3 Evac Pop High Occ	Cat 4 Evac Pop Low Occ	Cat 4 Evac Pop High Occ	Cat 1 Evac Veh Low Occ	Cat 1 Evac Veh High Occ	Cat 2 Evac Veh Low Occ	Cat 2 Evac Veh High Occ	Cat 3 Evac Veh Low Occ	Cat 3 Evac Veh High Occ	Cat 4 Evac Veh Low Occ	Cat 4 Evac Veh High Occ	Local Dest Veh Cat 1 Low Occ	Local Dest Veh Cat 1 High Occ	Local Dest Veh Cat 2 Low Occ	Local Dest Veh Cat 2 High Occ	Local Dest Veh Cat 3 Low Occ	Local Dest Veh Cat 3 High Occ	Local Dest Veh Cat 4 Low Occ	Local Dest Veh Cat 4 High Occ	OutofCounty Veh Cat 1 Low Occ	OutofCounty Veh Cat 1 High Occ	OutofCounty Veh Cat 2 Low Occ	OutofCounty Veh Cat 2 High Occ	OutofCounty Veh Cat 3 Low Occ	OutofCounty Veh Cat 3 High Occ	OutofCounty Veh Cat 4 Low Occ	OutofCounty Veh Cat 4 High Occ
1	544	544	544	544	544	544	544	544	242	242	242	242	242	242	242	242	206	206	194	194	169	169	145	145	36	36	48	48	73	73	97	97
CARTERET BORO	19	19	829	829	829	829	829	829	7	7	323	323	323	323	323	323	6	6	275	275	242	242	210	210	1	1	48	48	81	81	113	113
	61	62	179	180	2,676	2,678	2,676	2,678	24	24	70	70	1,041	1,041	1,041	1,041	22	21	60	59	781	780	677	676	2	3	10	11	260	261	364	365
	262	269	337	347	524	538	7,896	7,910	102	104	131	134	204	208	3,071	3,075	97	96	124	124	193	193	2,149	2,149	5	8	7	10	11	15	922	926
	288	292	372	378	577	585	814	822	112	113	145	147	224	227	316	319	111	110	143	143	221	222	300	300	1	3	2	4	3	5	16	19

2	610	610	610	610	610	610	610	610	324	324	324	324	324	324	324	324	275	275	259	259	227	227	194	194	49	49	65	65	97	97	130	130
WOODBRIDGE TWP	38	38	1,640	1,640	1,640	1,640	1,640	1,640	18	18	762	762	762	762	762	762	16	16	648	648	571	571	495	495	2	2	114	114	191	191	267	267
	377	408	808	852	8,405	8,467	8,405	8,467	175	185	375	390	3,907	3,928	3,907	3,928	156	155	317	317	2,928	2,927	2,538	2,537	19	30	58	73	979	1,001	1,369	1,391
	135	151	173	196	270	302	4,116	4,148	63	68	80	88	125	136	1,913	1,924	59	59	75	75	117	117	1,338	1,338	4	9	5	13	8	19	575	586
	946	1,055	1,012	1,164	1,891	2,110	4,235	4,453	438	475	468	520	876	951	1,965	2,040	428	428	456	456	857	856	1,857	1,856	10	47	12	64	19	95	108	184
3	199	201	199	201	199	201	199	201	60	60	60	60	60	60	60	60	51	50	48	47	42	41	36	35	9	10	12	13	18	19	24	25
PERTH AMBOY CITY	28	34	1,364	1,371	1,364	1,371	1,364	1,371	7	9	358	360	358	360	358	360	6	6	304	304	268	268	232	233	1	3	54	56	90	92	126	127
	13	14	63	65	1,255	1,257	1,255	1,257	3	4	17	17	329	330	329	330	3	3	14	14	247	247	214	214	0	1	3	3	82	83	115	116
	26	28	26	28	53	55	2,624	2,627	7	7	7	7	14	15	689	690	7	6	7	6	13	14	482	483	0	1	0	1	1	1	207	207
	432	486	440	515	864	971	2,098	2,205	114	129	116	138	227	259	551	582	111	110	112	112	220	221	519	519	3	19	4	26	7	38	32	63
4	273	275	273	275	273	275	273	275	132	133	132	133	132	133	132	133	112	112	106	106	92	93	79	80	20	21	26	27	40	40	53	53
SOUTH AMBOY CITY	8	10	400	402	400	402	400	402	3	4	169	170	169	170	169	170	3	3	144	144	127	127	110	110	0	1	25	26	42	43	59	60
	2	3	11	13	226	227	226	227	1	1	5	5	95	96	95	96	1	1	4	4	71	71	62	62	0	0	1	1	24	25	33	34
	3	5	3	5	5	9	242	245	1	2	1	2	2	4	102	103	1	1	1	1	2	2	71	71	0	1	0	1	0	2	31	32
	66	84	67	93	131	169	321	358	28	34	28	37	55	68	135	148	27	26	26	26	53	53	126	126	1	8	2	11	2	15	9	22
5	598	598	598	598	598	598	598	598	303	303	303	303	303	303	303	303	258	258	242	242	212	212	182	182	45	45	61	61	91	91	121	121
SAYREVILLE BORO	105	113	4,989	4,998	4,989	4,998	4,989	4,998	46	49	2,215	2,218	2,215	2,218	2,215	2,218	41	41	1,882	1,882	1,661	1,661	1,439	1,439	5	8	333	336	554	557	776	779
	21	21	88	88	1,662	1,662	1,662	1,662	9	9	39	39	738	738	738	738	8	8	33	33	554	554	480	480	1	1	6	6	184	184	258	258
	28	30	30	33	56	60	2,249	2,253	12	13	13	14	25	26	999	1,000	11	12	12	12	24	23	699	699	1	1	1	2	1	3	300	301
	322	337	327	348	643	673	1,570	1,600	143	148	145	152	285	296	697	707	141	141	143	142	281	281	661	660	2	7	2	10	4	15	36	47
6	487	487	487	487	487	487	487	487	251	251	251	251	251	251	251	251	213	213	201	201	176	176	151	151	38	38	50	50	75	75	100	100
OLD BRIDGE TWP	10	10	512	512	512	512	512	512	5	5	231	231	231	231	231	231	5	5	196	196	173	173	150	150	0	0	35	35	58	58	81	81
	18	19	90	92	1,806	1,808	1,806	1,808	8	9	41	41	813	813	813	813	7	8	35	34	610	609	528	528	1	1	6	7	203	204	285	285
	43	43	43	43	86	86	4,318	4,318	19	19	19	19	39	39	1,943	1,943	18	18	18	18	37	37	1,360	1,360	1	1	1	1	2	2	583	583
	563	586	576	609	1,125	1,172	2,711	2,758	253	261	259	270	506	521	1,219	1,235	249	250	255	255	499	498	1,156	1,156	4	11	4	15	7	23	63	79
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
METUCHEN BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	129	135	129	138	258	270	641	654	60	62	60	63	119	124	297	301	59	59	59	59	117	118	282	281	1	3	1	4	2	6	15	20
8	462	462	462	462	462	462	462	462	231	231	231	231	231	231	231	231	196	196	185	185	162	162	139	139	35	35	46	46	69	69	92	92
EDISON TWP	1	1	27	27	27	27	27	27	0	0	12	12	12	12	12	12	0	0	10	10	9	9	8	8	0	0	2	2	3	3	4	4
	0	0	1	1	14	14	14	14	0	0	0	0	6	6	6	6	0	0	0	0	5	5	4	4	0	0	0	0	1	1	2	2
	0	0	0	0	0	0	22	22	0	0	0	0	0	0	10	10	0	0	0	0	0	0	7	7	0	0	0	0	0	0	3	3
	1,227	1,277	1,344	1,413	2,454	2,553	5,262	5,361	536	553	587	611	1,073	1,107	2,301	2,335	528	528	578	578	1,057	1,057	2,181	2,181	8	25	9	33	16	50	120	154
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST BRUNSWICK TWP	4	4	185	185	185	185	185	185	2	2	86	86	86	86	86	86	2	2	73	73	64	64	56	56	0	0	13	13	22	22	30	30
	2	2	8	8	159	159	159	159	1	1	4	4	74	74	74	74	1	1	3	3	55	55	48	48	0	0	1	1	19	19	26	26
	4	4	4	4	7	7	369	369	2	2	2	2	3	3	173	173	2	2	2	2	3	3	121	121	0	0	0	0	0	0	52	52
	523	551	550	589	1,047	1,103	2,418	2,474	245	254	257	270	489	508	1,131	1,150	241	241	253	253	482	482	1,072	1,073	4	13	4	17	7	26	59	77
10	22	22	22	22	22	22	22	22	12	12	12	12	12	12	12	12	10	10	10	10	9	9	7	7	2	2	2	2	3	3	5	5
SOUTH RIVER BORO	40	40	1,330	1,330	1,330	1,330	1,330	1,330	18	18	616	616	616	616	616	616	16	16	524	524	462	462	400	400	2	2	92	92	154	154	216	216
	37	37	140	140	2,481	2,481	2,481	2,481	17	17	65	65	1,149	1,149	1,149	1,149	15	15	55	55	862	862	747	747	2	2	10	10	287	287	402	402
	31	31	34	34	62	62	2,440	2,440	14	14	16	16	29	29	1,130	1,130	13	13	15	15	28	28	791	791	1	1	1	1	1	1	339	339
	99	99	103	103	198	198	463	463	46	46	48	48	92	92	215	215	46	46	48	48	91	91	204	204	0	0	0	0	1	1	11	11
11	15	15	15	15	15	15	15	15	9	9	9	9	9	9	9	9	8	8	7	7	6	6	6	6	1	1	2	2	3	3	3	3
SPOTSWOOD BORO	2	2	76	76	76	76	76	76	1	1	38	38	38	38	38	38	1	1	32	32	29	29	25	25	0	0	6	6	9	9	13	13
	1	1	6	6	114	114	114	114	1	1	3	3	57	57	57	57	1	1	3	3	43	43	37	37	0	0	0	0	14	14	20	20
	19	19	23	23	38	38	1,032	1,032	9	9	11	11	19	19	514	514	9	9	10	10	18	18	360	360	0	0	1	1	1	1	154	154
	499	499	676	676	997	997	1,165	1,165	248	248	337	337	497	497	580	580	246	246	334	334	492	492	551	551	2	2	3	3	5	5	29	29
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HELMETTA BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	18	18	18	18	36	36	91	91	9	9	9	9	19	19	47	47	9	9	9	9	19	19	45	45	0	0	0	0	0	0	2	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONROE TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	6	6	6	6	0	0	0	0	3	3	3	3	0	0	0	0	2	2	2	2	0	0	0	0	1	1	1	1
	4	4	4	4	7	7	352	352	2	2	2	2	4	4	183	183	2	2	2	2	4	4	128	128	0	0	0	0	0	0	55	55
	325	668	348	827	650	1,335	1,456	2,141	164	313	174	382	329	625	747	1,043	142	144	143	146	284	283	669	669	22	169	31	236	45	342	78	374
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JAMESBURG BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	56	56	56	56	113	113	282	282	24	24	24	24	47	47	118	118	24	24	24	24	47	47	112	112	0	0	0	0	0	0	6	6
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH PLAINFIELD BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	215	215	215	215	430	430	1,076	1,076	100	100	100	100	200	200	500	500	99	99	99	99	198	198	475	475	1	1	1	1	2	2	25	25
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PISCATAWAY TWP	0	0	11	11	11	11	11	11	0	0	6	6	6	6	6	6	0	0	5	5	5	5	4	4	0	0	1	1	1	1	2	2
	1	1	3	3	65	65	65	65	0	0	2	2	32	32	32	32	0	0	2	2	24	24	21	21	0	0	0	0	8	8	11	11
	13	16	13	18	27	32	1,285	1,290	6	7	7	8	13	15	633	635	6	6	6	6	12	12	443	443	0	1	1	2	1	3	190	192
	483	512	494	534	965	1,023	2,329	2,387	237	247	243	256	475	494	1,147	1,166	233	234	239	239	468	468	1,087	1,087	4	13	4	17	7	26	60	79
17	52	52	52	52	52	52	52	52	26	26	26	26	26	26	26	26	22	22	21	21	18	18	15	15	4	4	5	5	8	8	11	11
HIGHLAND PARK BORO	3	4	129	130	129	130	129	130	1	2	57	57	57	57	57	57	1	1	48	48	43	42	37	36	0	1	9	9	14	15	20	21
	1	2	7	8	131	133	131	133	1	1	3	3	58	58	58	58	1	1	3	2	43	43	38	37	0	0	0	1	15	15	20	21
	4	4	4	5	7	9	345	347	2	2	2	2	3	4	152	153	2	2	2	1	3	3	106	107	0	0	0	1	0	1	46	46
	141	194	144	218	282	388	681	788	62	83	63	92	123	165	300	342	58	59	58	58	116	116	279	279	4	24	5	34	7	49	21	63
18	23	23	23	23	23	23	23	23	8	8	8	8	8	8	8	8	7	7	6	6	6	6	5	5	1	1	2	2	2	2	3	3
NEW BRUNSWICK CITY	9	19	386	397	386	397	386	397	3	6	117	120	117	120	117	120	2	2	99	99	87	87	76	75	1	4	18	21	30	33	41	45
	16	42	68	105	1,270	1,322	1,270	1,322	5	12	21	31	385	400	385	400	4	3	17	16	287	287	249	249	1	9	4	15	98	113	136	151
	10	12	10	13	20	24	960	964	3	4	3	4	6	7	291	293	3	3	3	3	6	5	203	204	0	1	0	1	0	2	88	89
	395	416	396	426	789	832	1,964	2,007	120	126	120	129	239	252	596	608	118	118	118	118	235	235	565	564	2	8	2	11	4	17	31	44
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH BRUNSWICK TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	3	3	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	958	989	1,206	1,249	1,916	1,977	2,930	2,992	441	453	556	571	883	905	1,351	1,373	435	436	548	548	871	871	1,280	1,280	6	17	8	23	12	34	71	93
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILLTOWN BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	2	2	112	112	1	1	1	1	1	1	53	53	1	1	1	1	1	1	37	37	0	0	0	0	0	0	16	16
	69	69	69	69	137	137	344	344	33	33	33	33	65	65	163	163	33	33	33	33	64	64	155	155	0	0	0	0	1	1	8	8
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH BRUNSWICK TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1,005	1,033	1,262	1,300	2,010	2,065	3,098	3,153	477	486	599	611	954	972	1,471	1,489	471	471	591	591	942	942	1,395	1,395	6	15	8	20	12	30	76	94
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRANBURY TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	32	32	32	32	64	64	159	159	16	16	16	16	32	32	80	80	16	16	16	16	32	32	76	76	0	0	0	0	0	0	4	4
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLAINSBORO TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	209	267	213	294	419	535	1,022	1,138	101	125	103	136	203	250	496	543	97	97	97	98	194	194	465	465	4	28	6	38	9	56	31	78
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DUNELLEN BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	68	76	69	79	137	152	338	353	31	34	31	35	62	68	155	160	30	31	30	31	61	61	147	146	1	3	1	4	1	7	8	14
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MIDDLESEX BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	68	76	69	79	137	152	338	353	31	34	31	35	62	68	155	160	30	31	30	31	61	61	147	146	1	3	1	4	1	7	8	14
NORTH JERSEY TOTALS	**108,014**	**110,430**	**173,315**	**176,474**	**240,542**	**244,778**	**374,959**	**379,194**	**36,069**	**36,831**	**55,890**	**56,890**	**78,027**	**79,373**	**121,155**	**122,503**	**31,480**	**31,484**	**46,857**	**46,866**	**59,937**	**59,930**	**86,853**	**86,852**	**4,589**	**5,347**	**9,033**	**10,024**	**18,090**	**19,443**	**34,302**	**35,651**

HUDSON TOTALS AND AVERAGES	75,181	76,299	101,533	102,890	126,442	128,143	167,321	169,020	22,298	22,624	29,491	29,887	36,695	37,191	48,752	49,248	19,106	19,104	24,165	24,171	27,047	27,042	32,752	32,749	3,192	3,520	5,326	5,716	9,648	10,149	16,000	16,499
SALEM TOTALS AND AVERAGES	9,221	9,272	22,582	22,646	34,986	35,055	38,970	39,043	4,946	4,977	10,576	10,614	16,084	16,125	18,014	18,055	4,306	4,309	8,904	8,902	12,165	12,164	12,051	12,051	640	668	1,672	1,712	3,919	3,961	5,963	6,004
UNION TOTALS AND AVERAGES	15,153	15,663	20,265	20,973	32,395	33,398	81,298	82,297	6,102	6,273	7,831	8,068	12,192	12,532	29,478	29,817	5,438	5,438	6,697	6,698	9,827	9,829	22,167	22,164	664	835	1,134	1,370	2,365	2,703	7,311	7,653
ESSEX TOTALS AND AVERAGES	8,459	9,196	28,935	29,965	46,719	48,182	87,370	88,834	2,723	2,957	7,992	8,321	13,056	13,525	24,911	25,383	2,630	2,633	7,091	7,095	10,898	10,895	19,883	19,888	93	324	901	1,226	2,158	2,630	5,028	5,495
MIDDLESEX TOTALS AND AVERAGES	13,821	14,834	27,527	28,934	54,867	56,861	101,606	103,601	6,266	6,644	12,080	12,600	23,898	24,645	43,866	44,608	5,889	5,890	10,785	10,783	19,795	19,790	33,949	33,943	377	754	1,295	1,817	4,103	4,855	9,917	10,665

Appendix G

Atlantic County

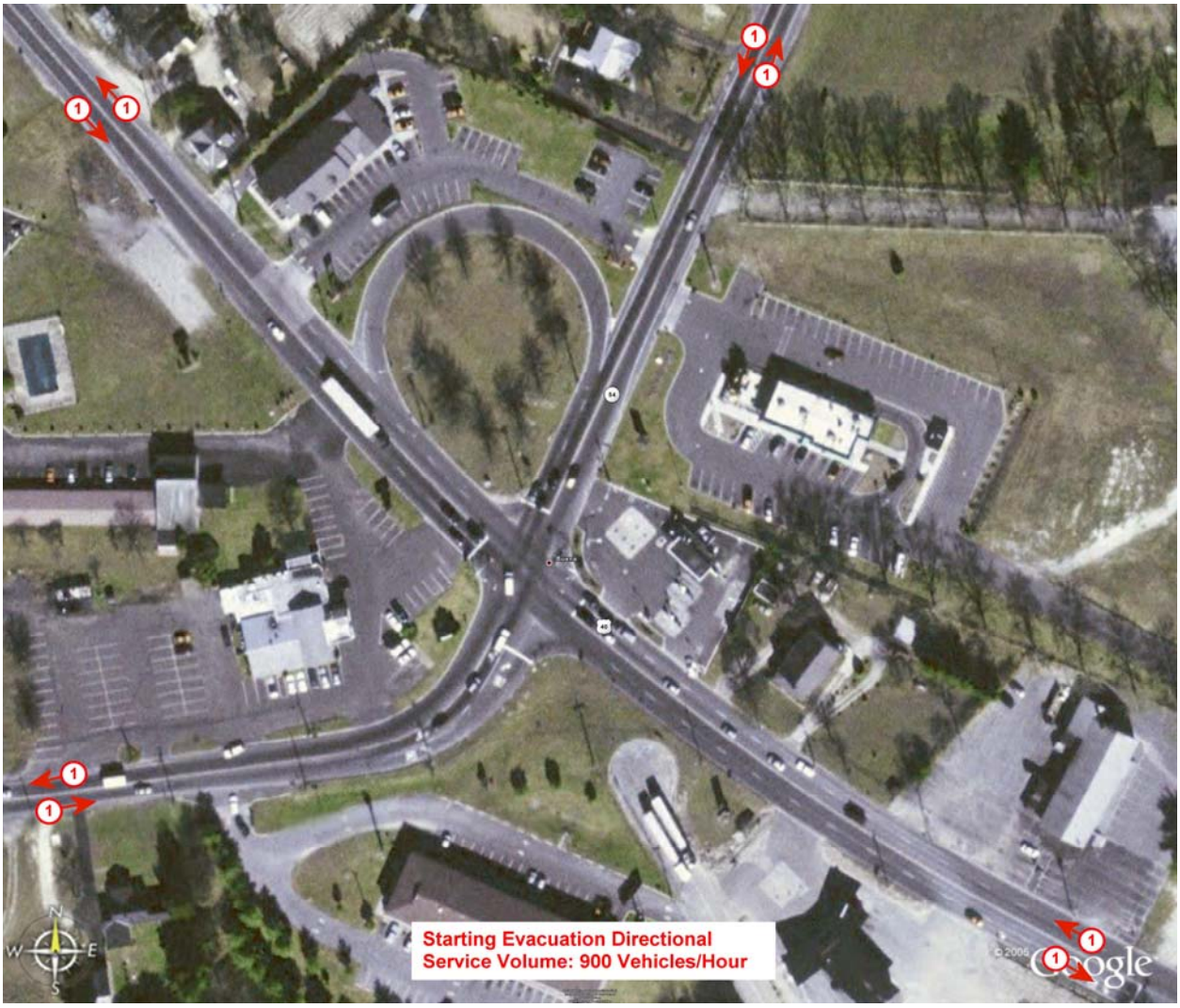
GSP Exit 48 AC-OC Boundary

Atlantic County

Route 30 at Route 50 - Egg Harbor

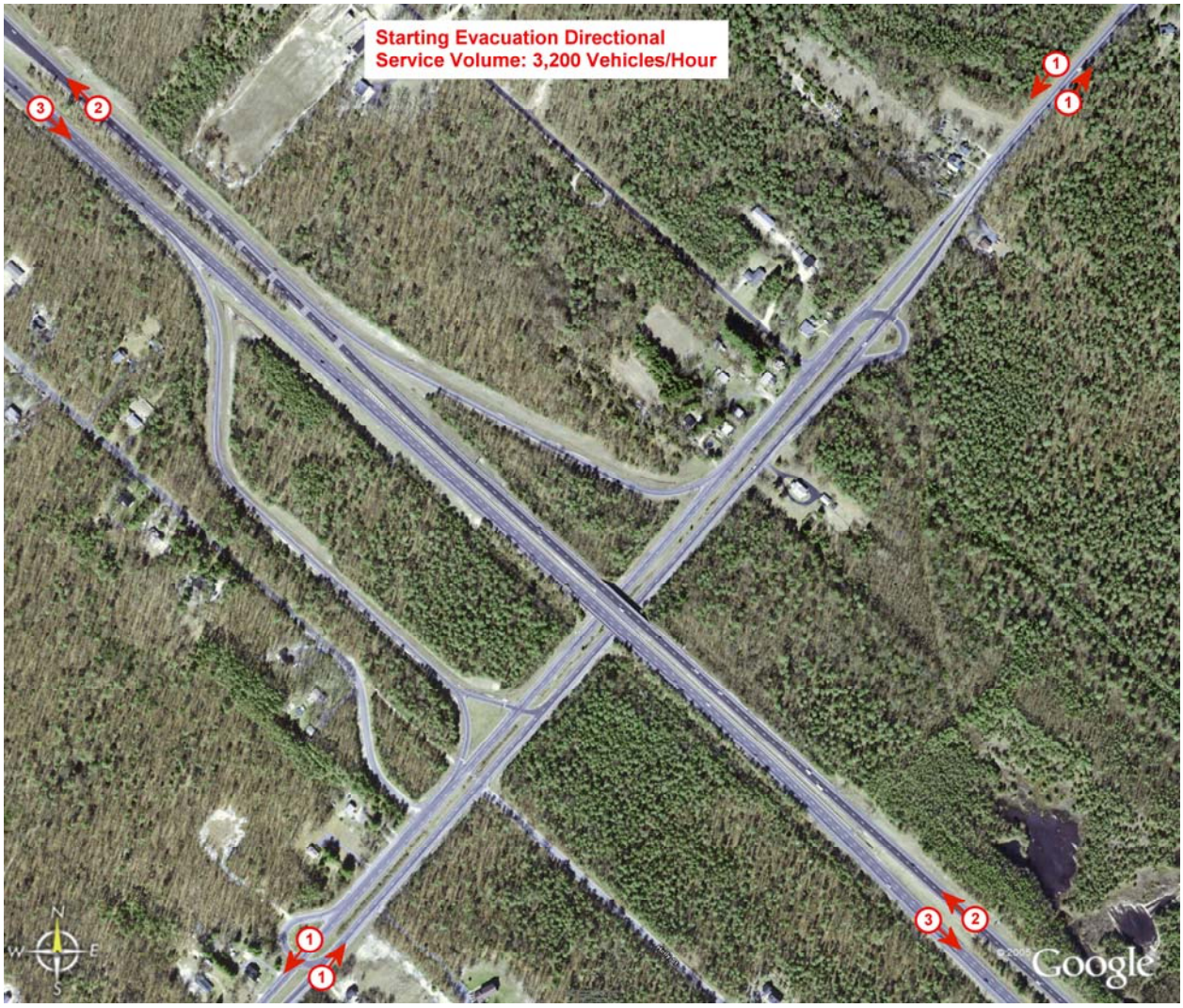
Atlantic County

Route 40 - Buena



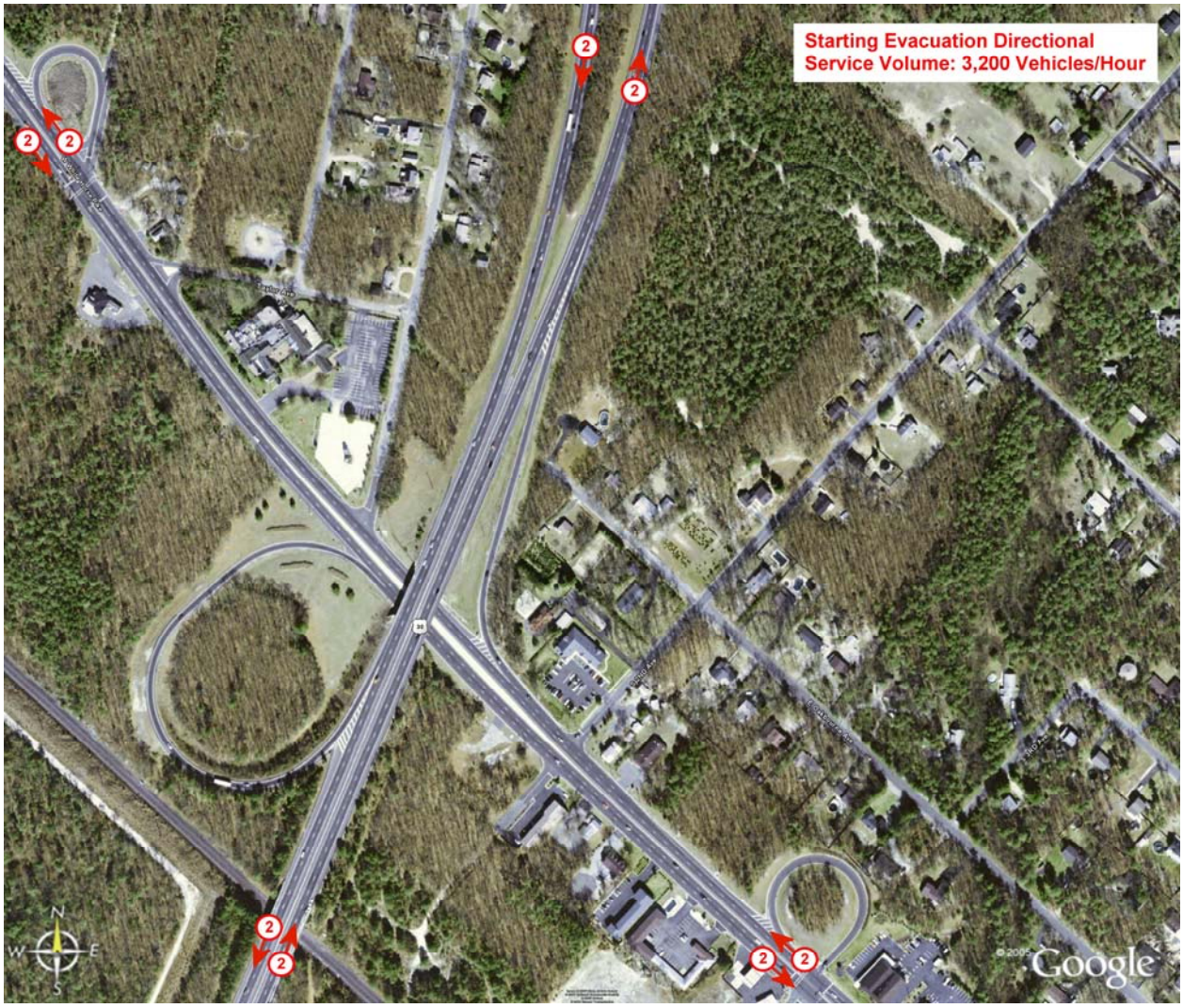
Atlantic County

ACE Exit 17



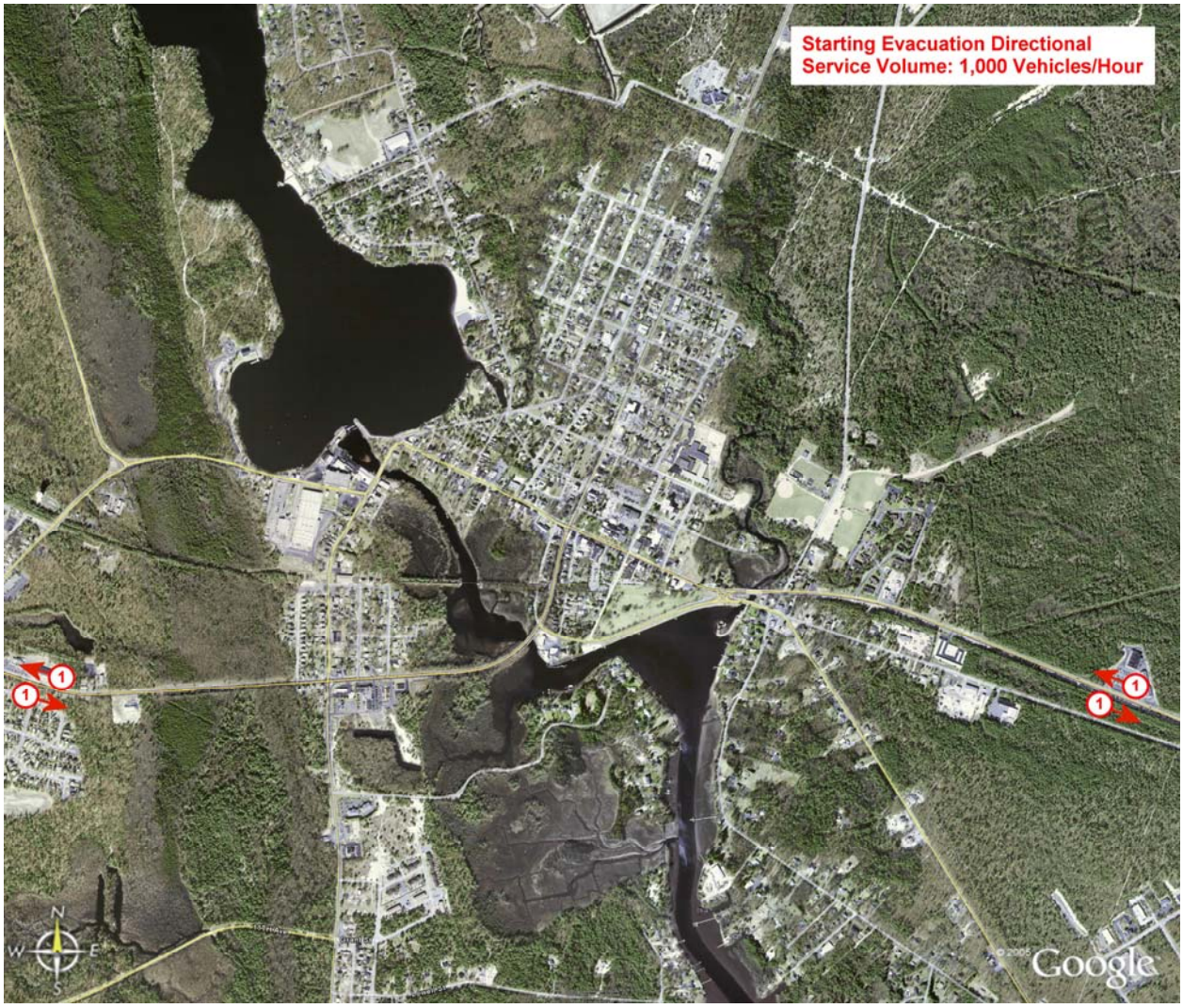
Atlantic County

GSP Exit 40



Atlantic County

Route 40 at Route 50 - Mays Landing

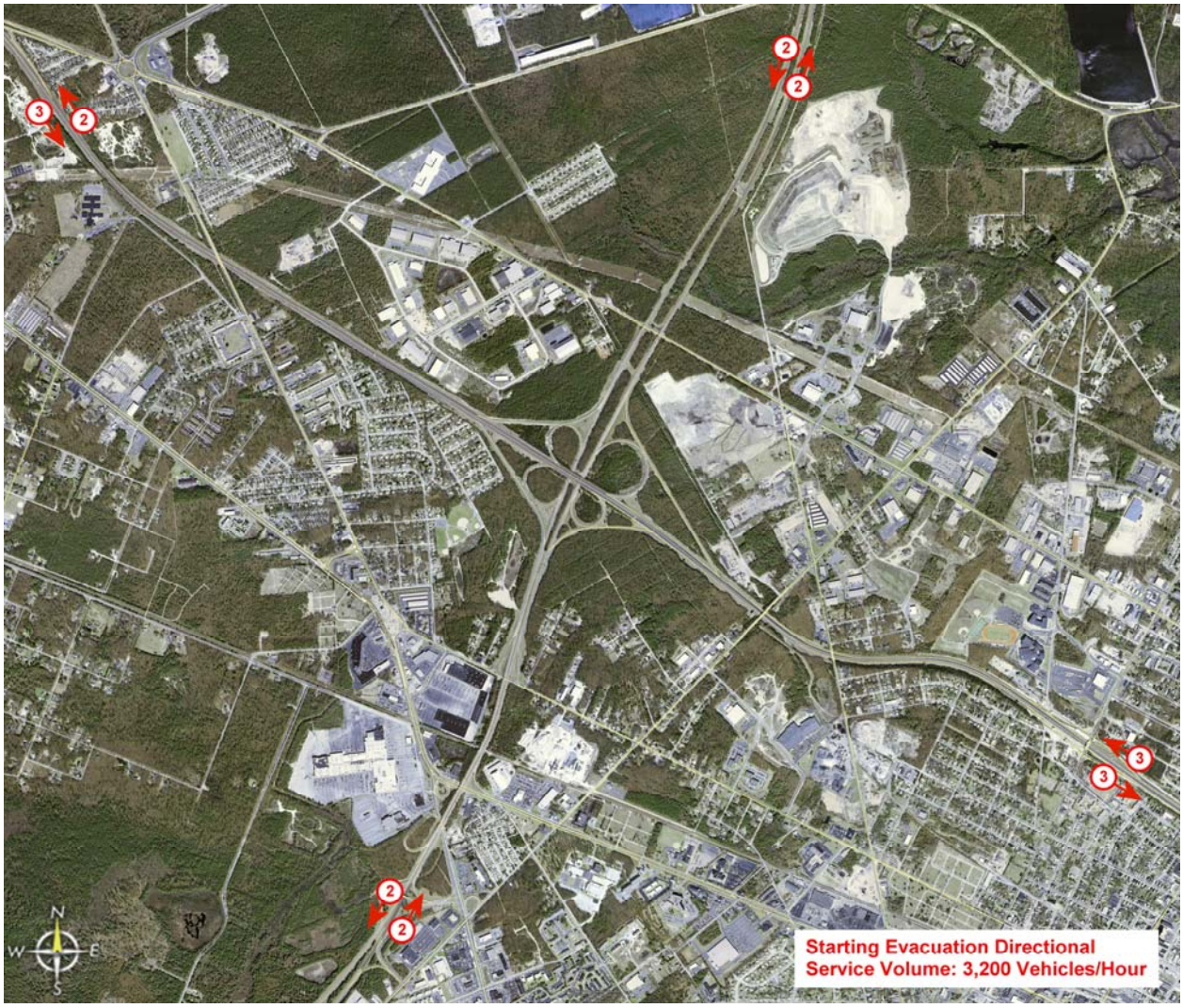


Atlantic County

Route 40 at Route 50 - Mays Landing - Closeup

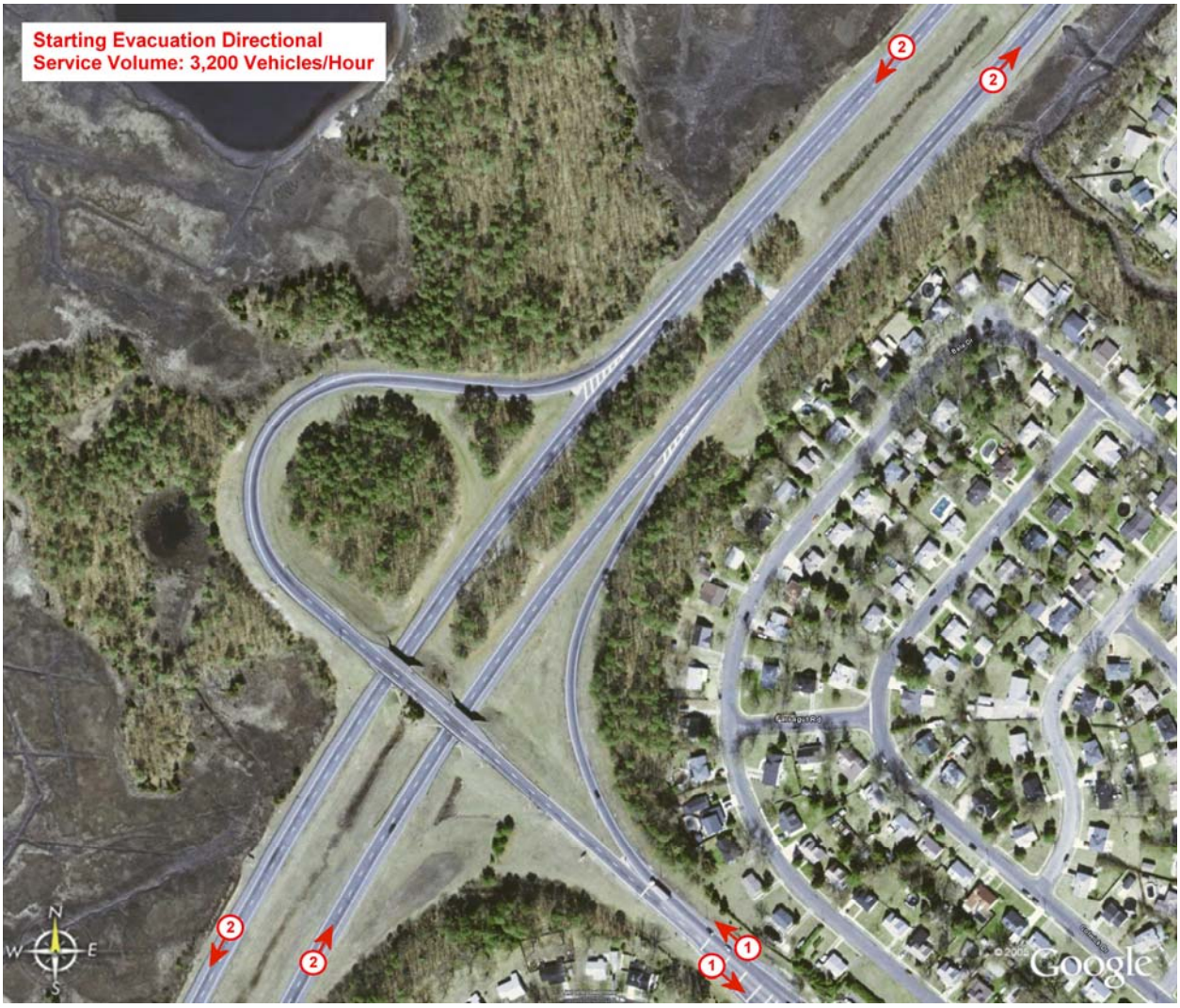
Atlantic County

Consequence - GSP-ACE



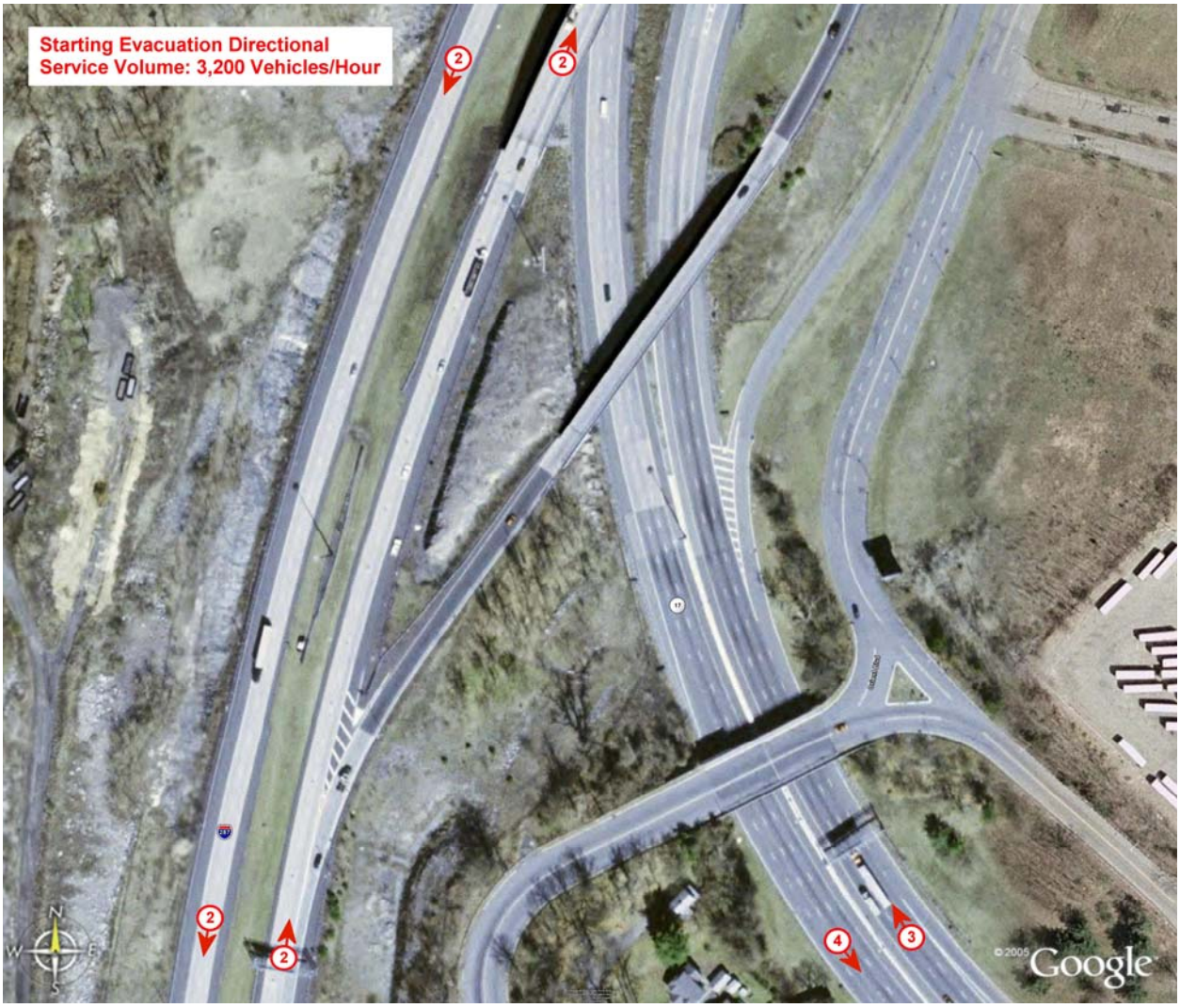
Atlantic County

GSP Exit 30



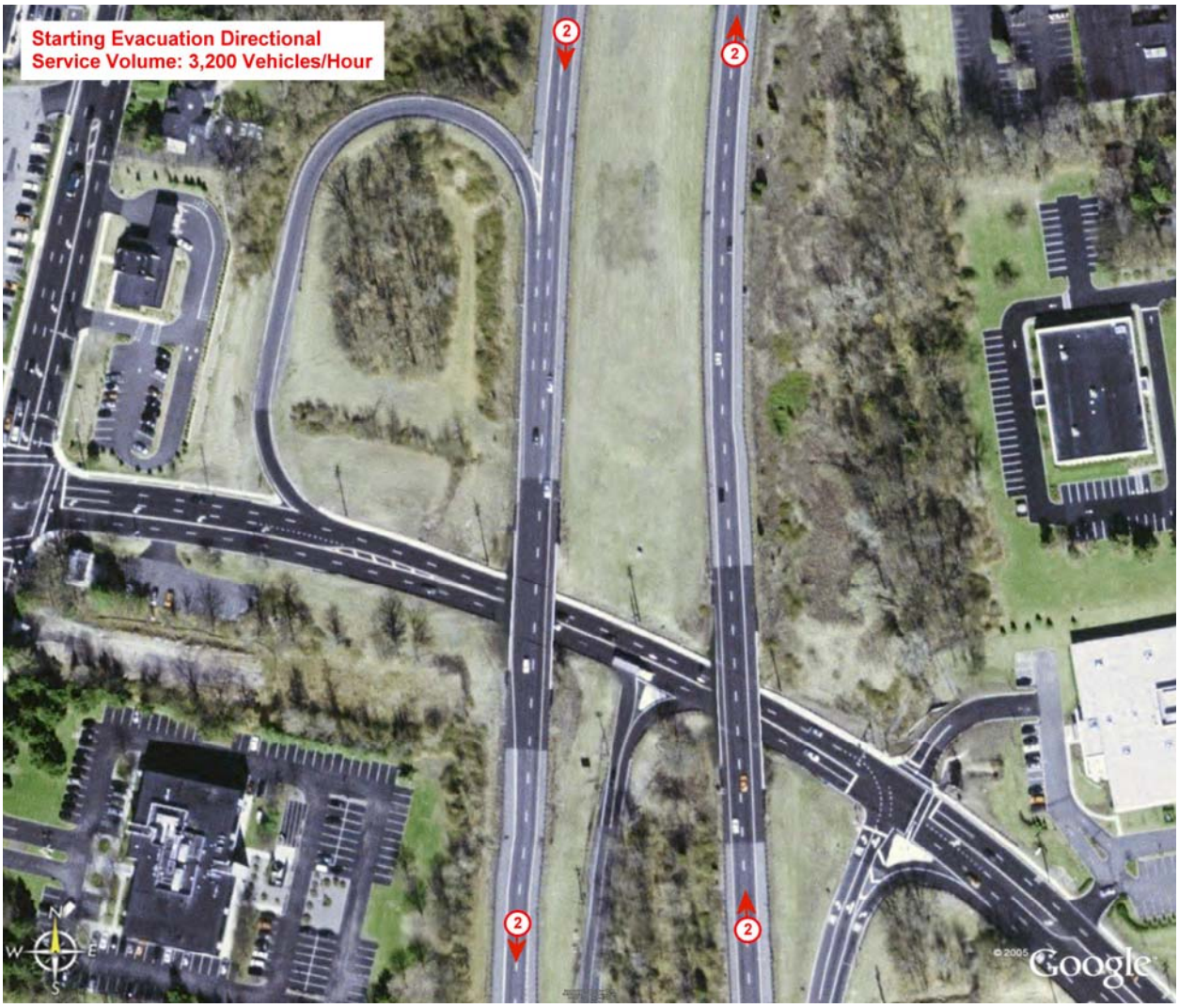
Bergen County

I-287 Exit 66



Bergen County

GSP Exit 172

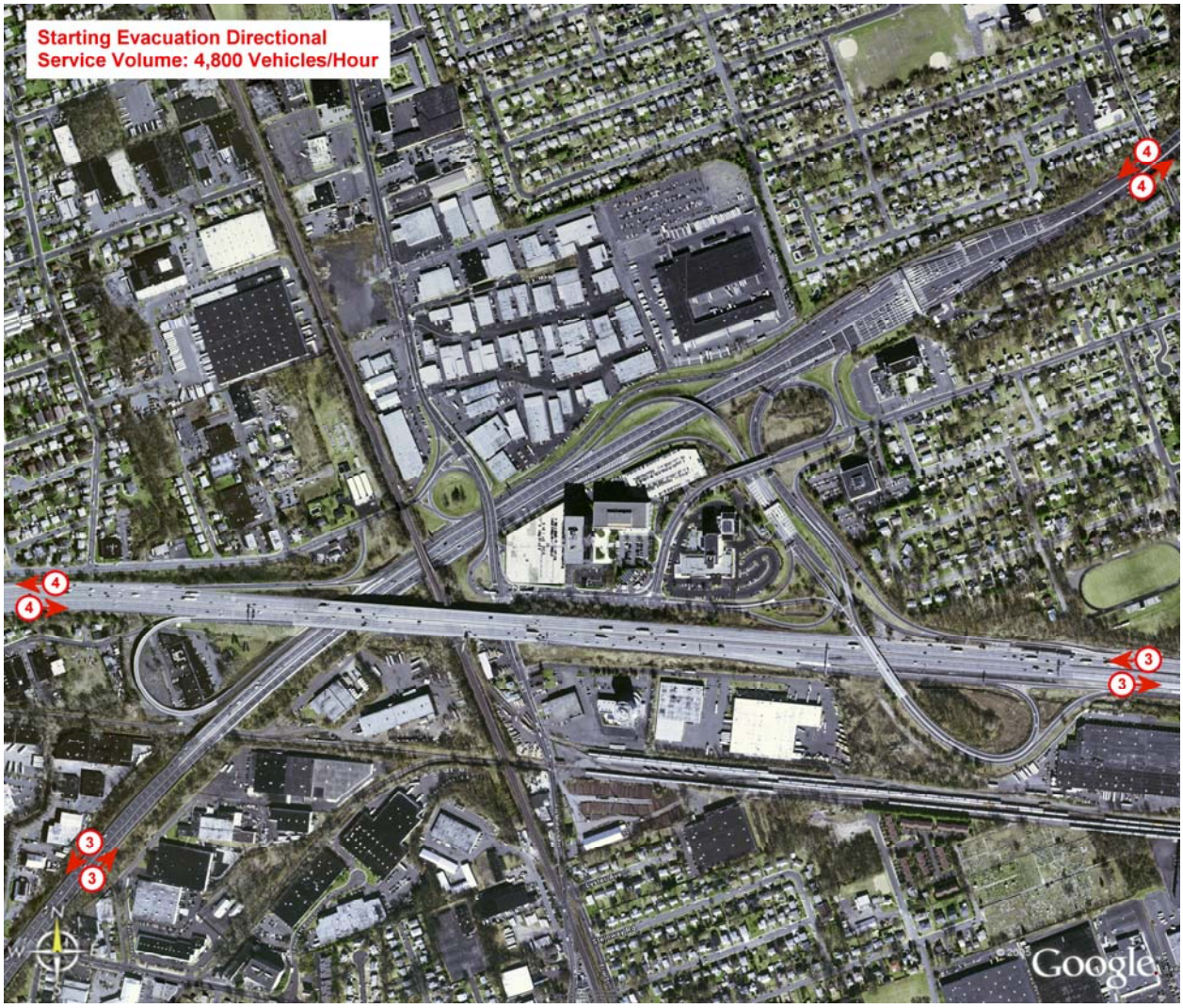


Bergen County

Palisades Pkwy at US 9W

Bergen County

GSP at I-80



Burlington County

Route 70 at Route 530

Burlington County

Consequence - Route 70 at Route 72

Camden County

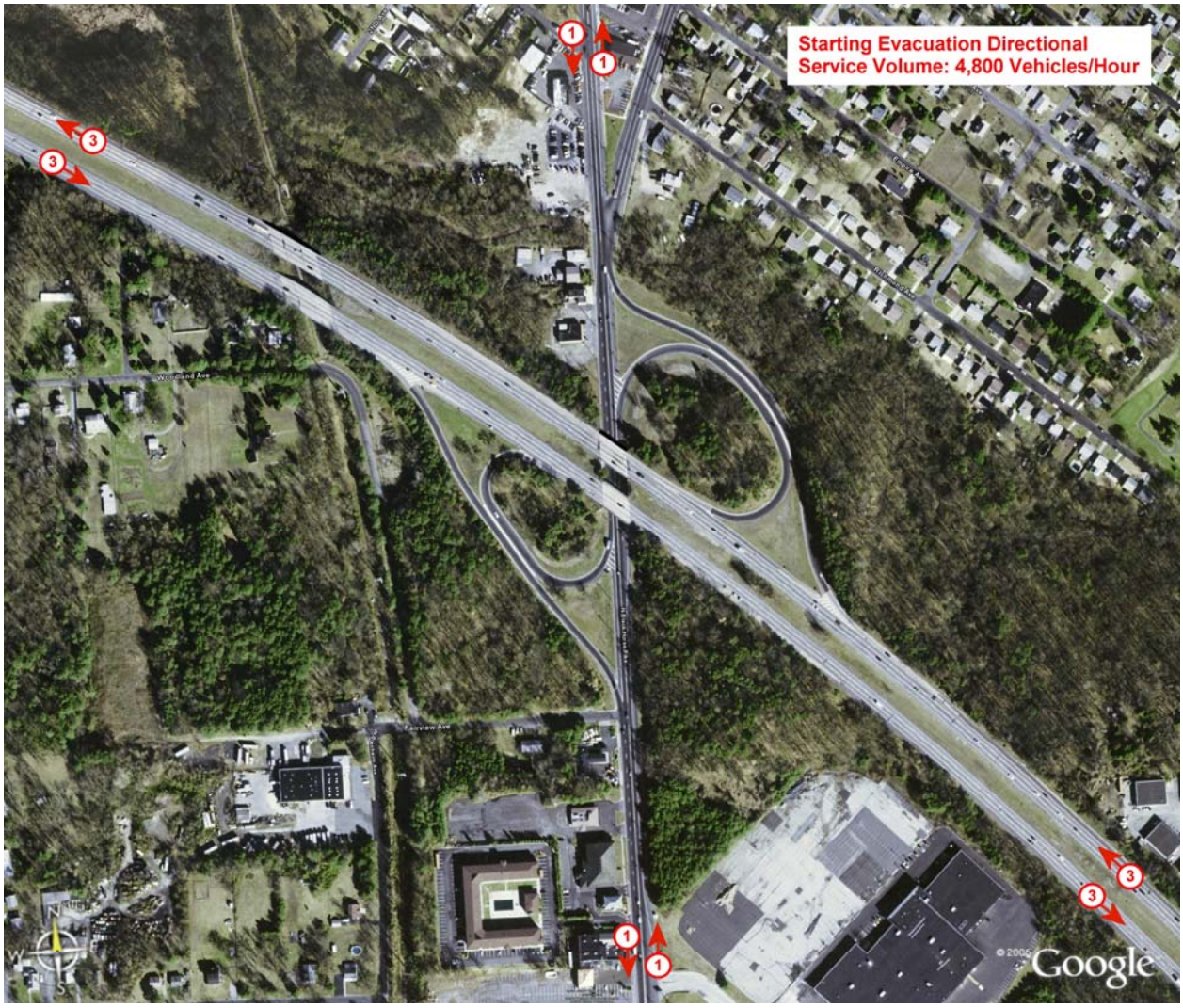
I-295 Exits 26 and 27

Camden County

Consequence - Route 55 at Route 42

Camden County

Route 42 at Route 168

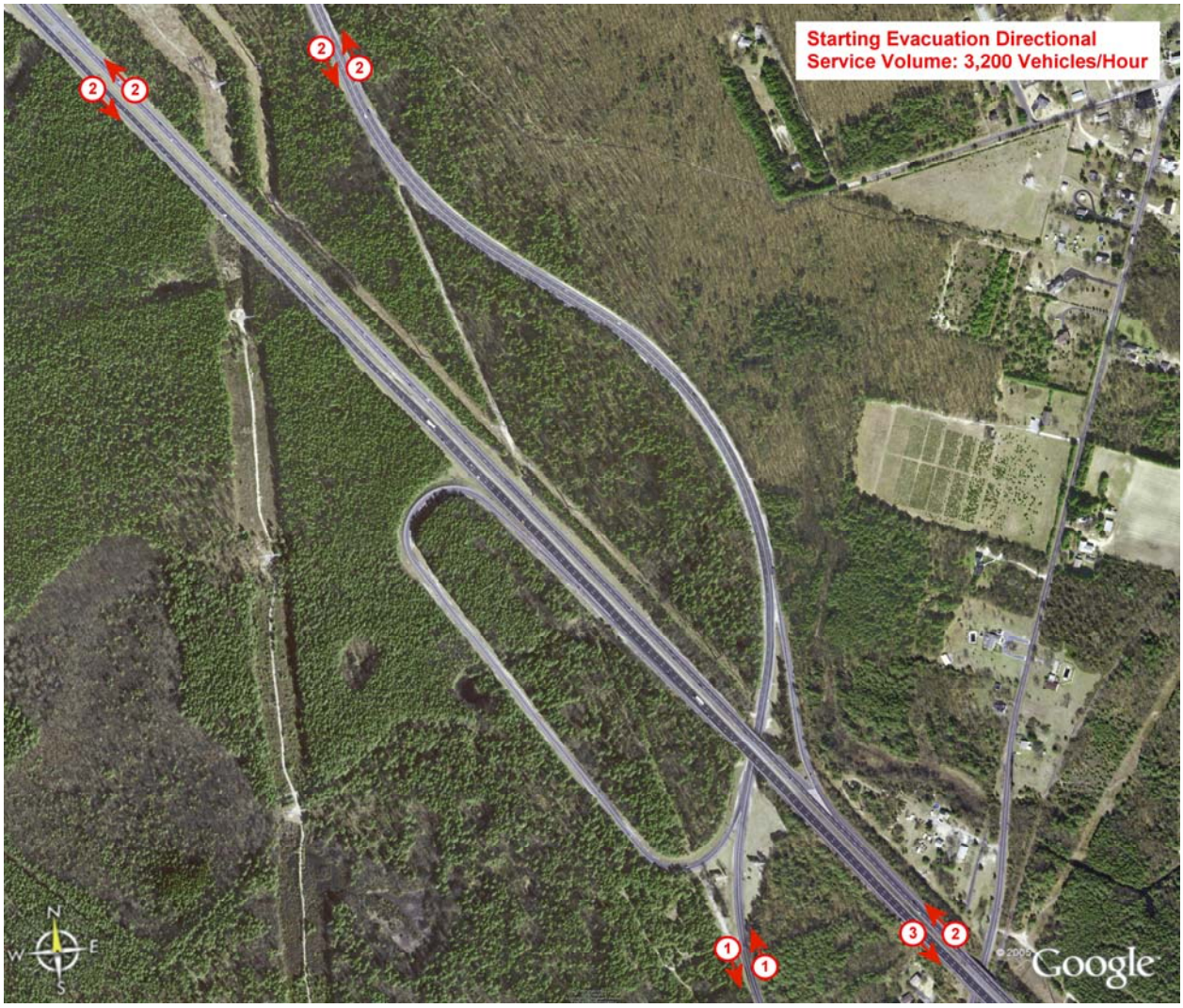


Camden County

ACE Exit 32

Camden County

ACE Exit 31



Cape May County

GSP CMC-AC Boundary

Cape May County

GSP CMC-AC Boundary-Closeup

Cape May County

GSP Exit 25

Cape May County

GSP Exit 17

Cape May County

GSP Exit 13

Cape May County

GSP Exit 10

Cape May County

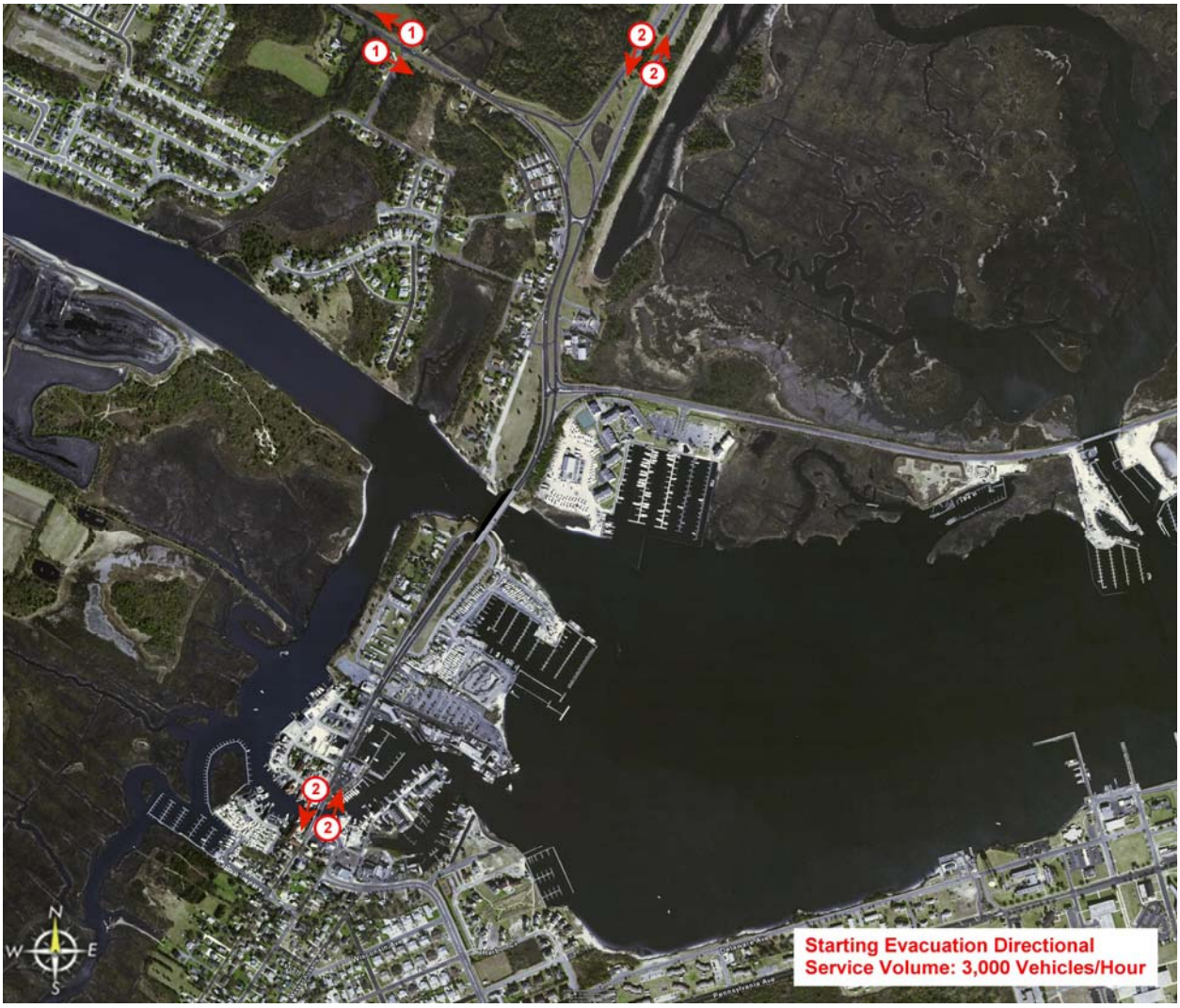
GSP Exit 06

Cape May County

GSP Exit 04

Cape May County

Route 109 at GSP Start

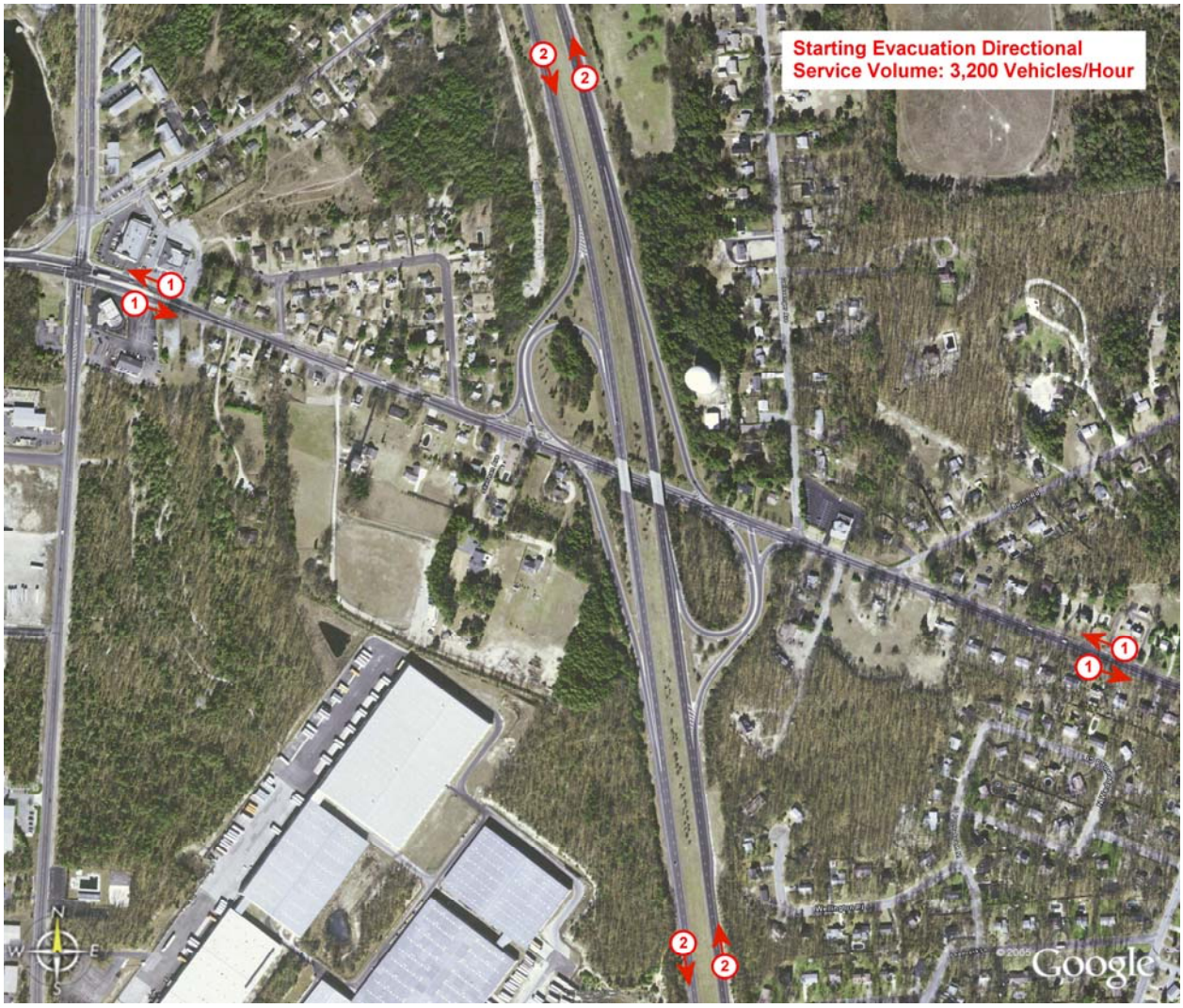


Cape May County

Route 109 at GSP Start - Closeup

Cumberland County

Route 55 Exit 24

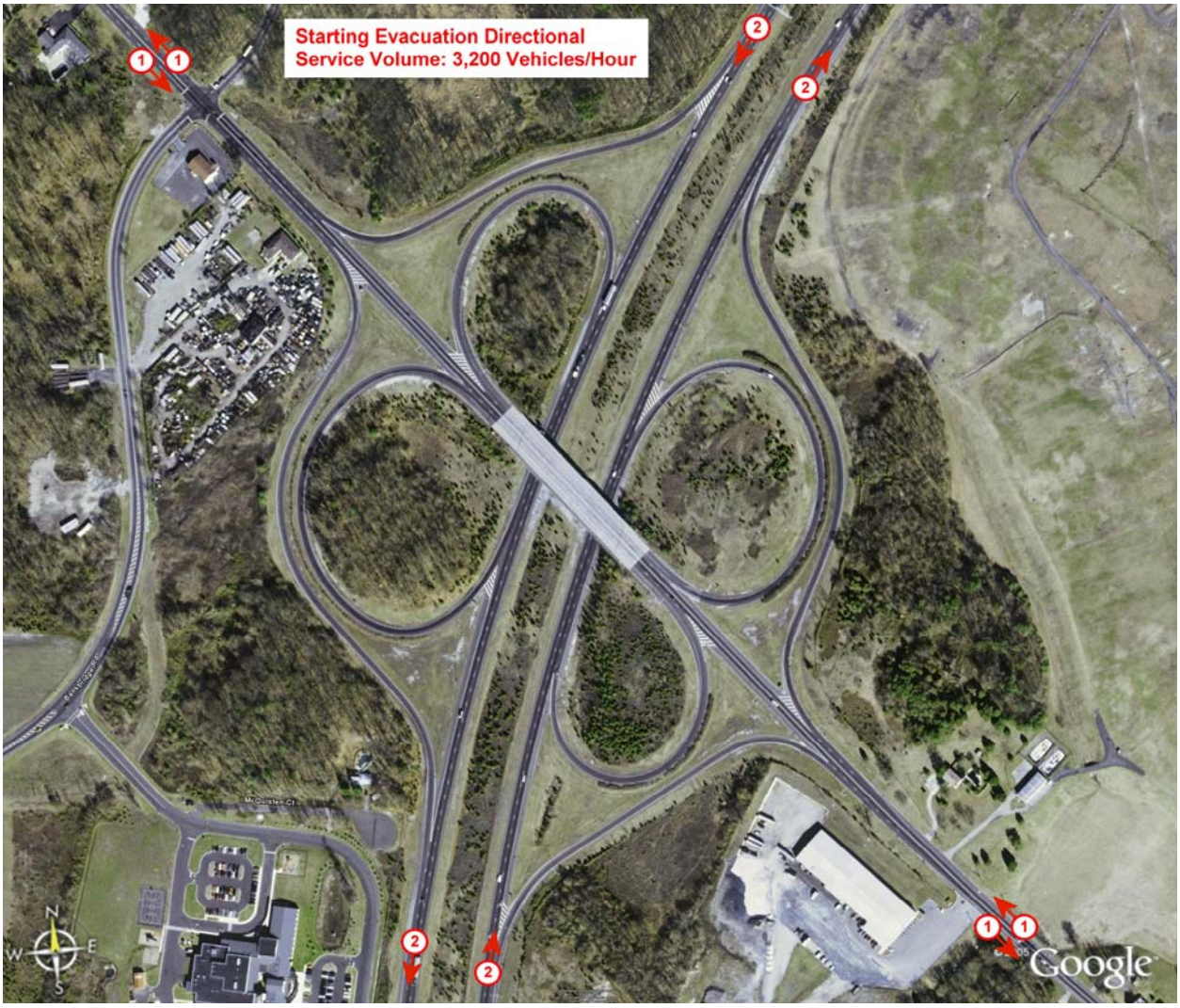


Cumberland County

Consequence - Route 47 - Port Elizabeth

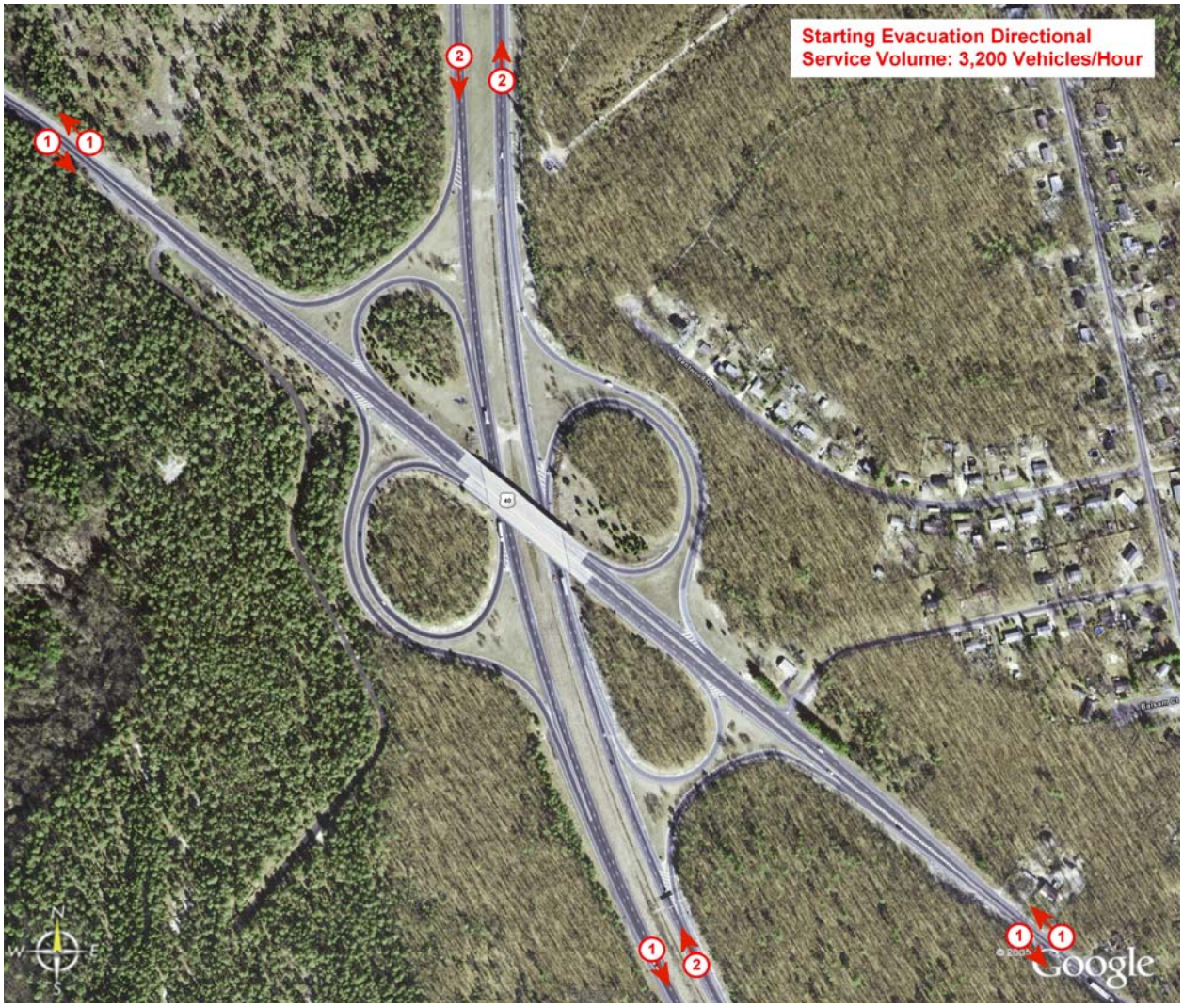
Gloucester County

Route 55 Exit 56



Gloucester County

Route 55 Exit 39

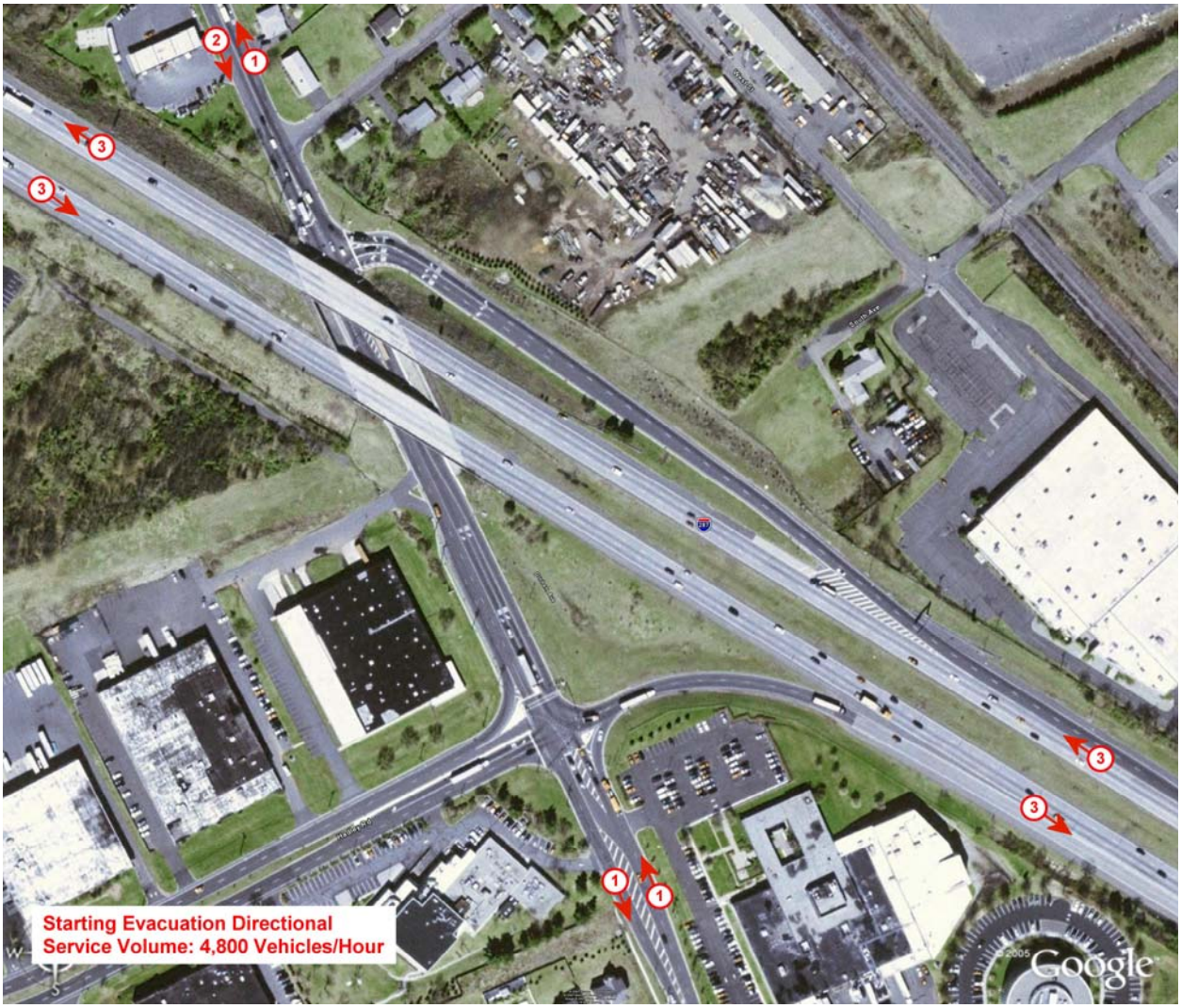


Mercer County

NJTP Exit 8

Middlesex County

I-287 Exit 3

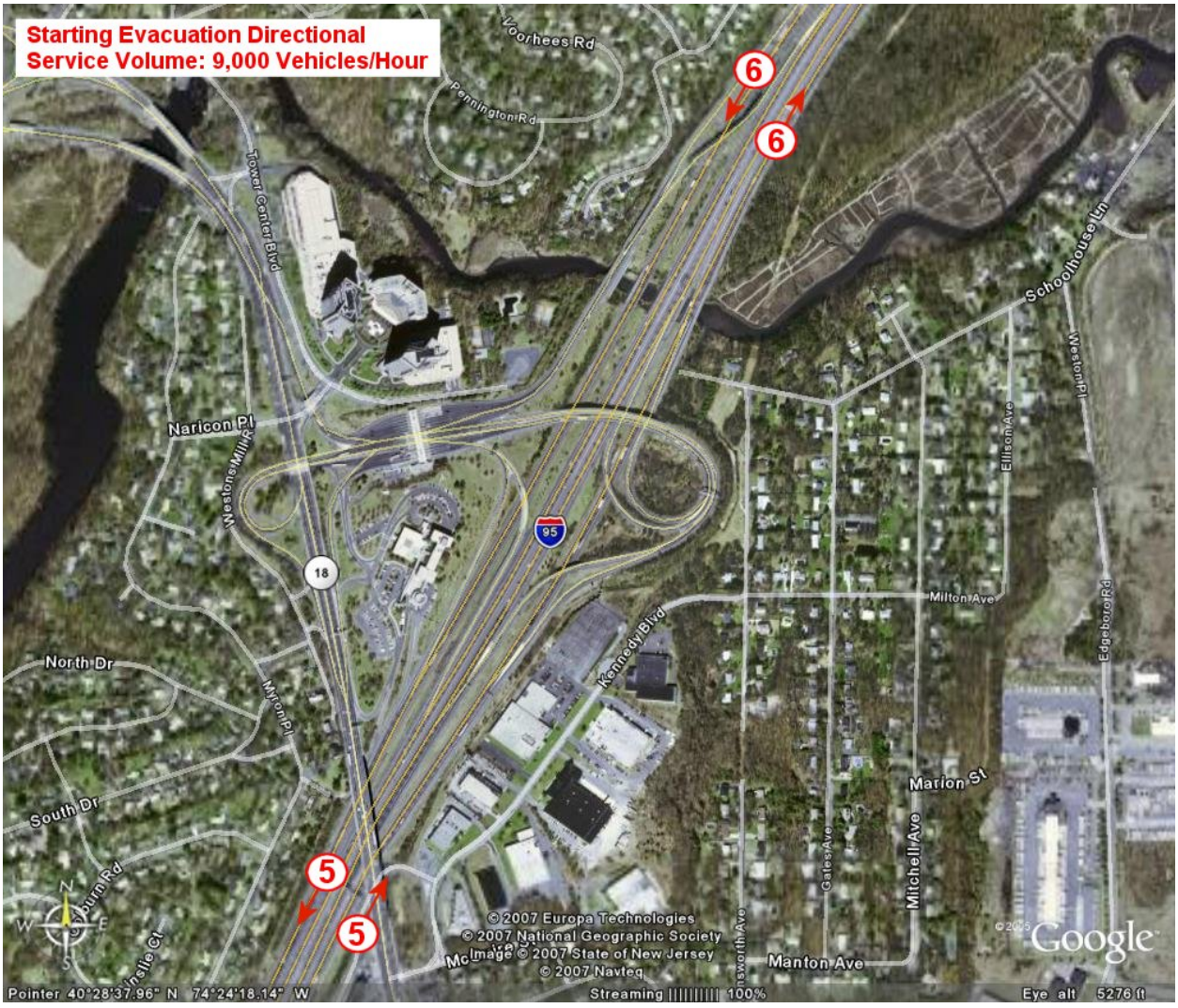


Middlesex County

GSP Exit 127

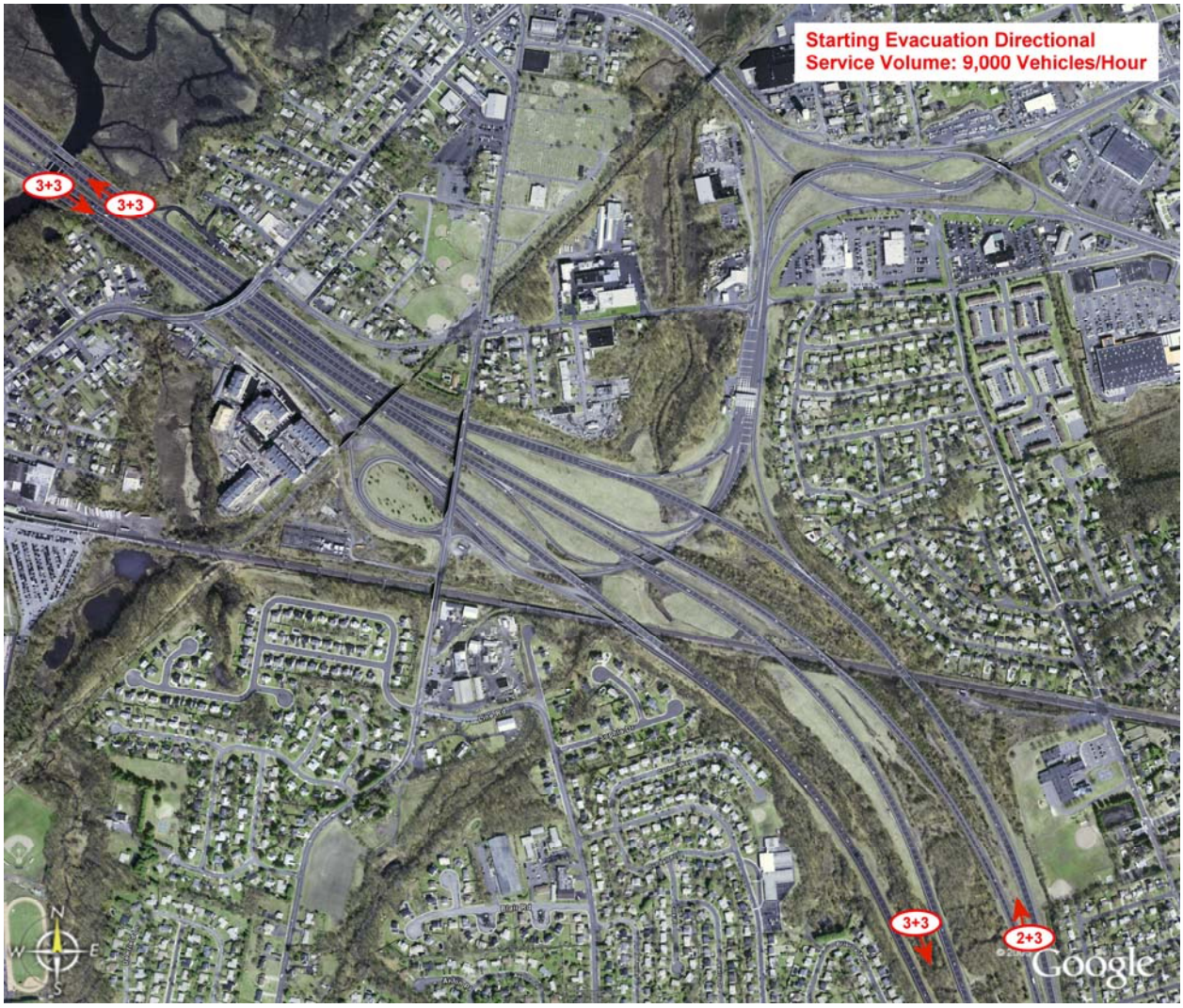
Middlesex County

NJTP Exit 9



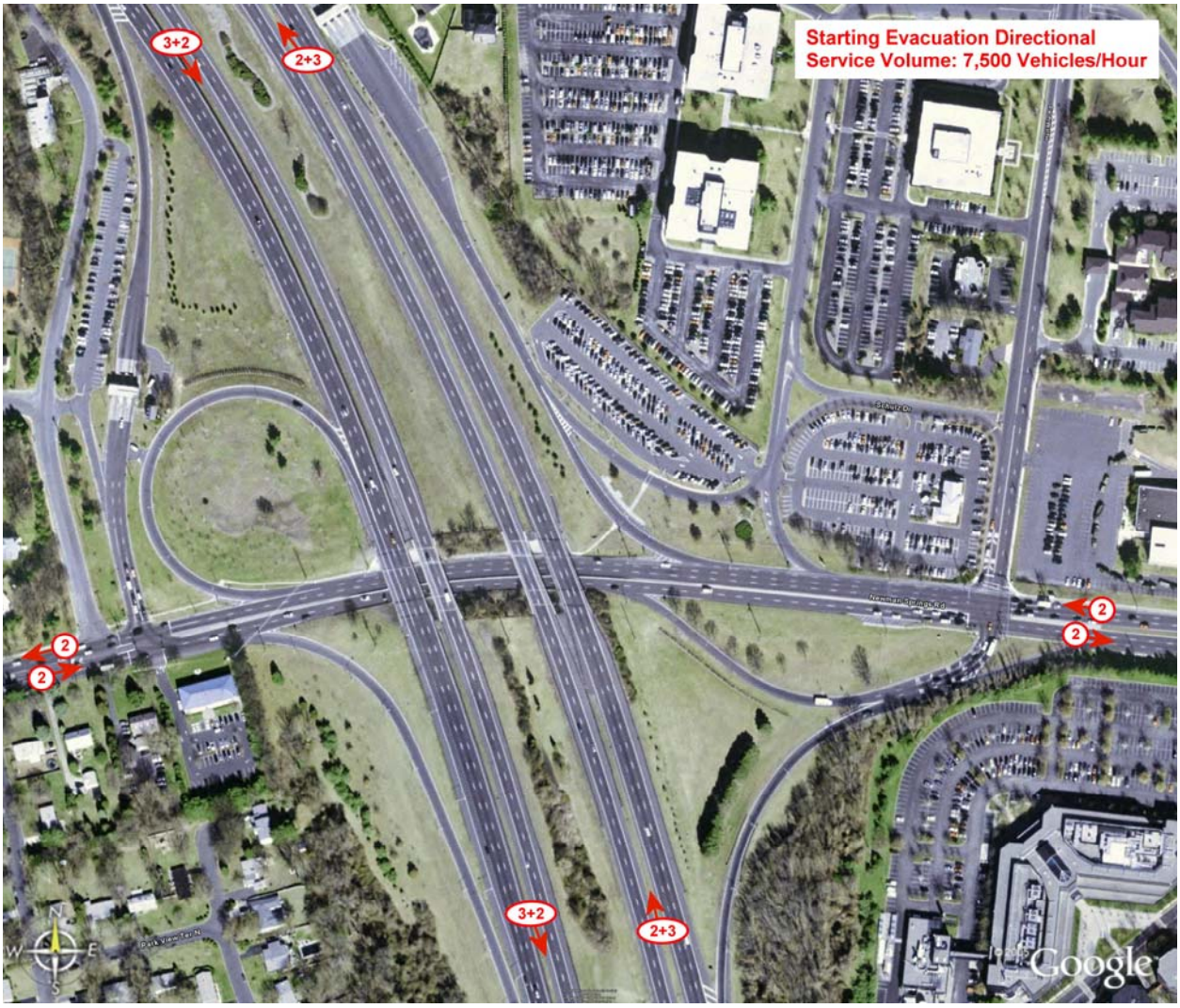
Monmouth County

GSP Exit 117



Monmouth County

GSP Exit 109



Monmouth County

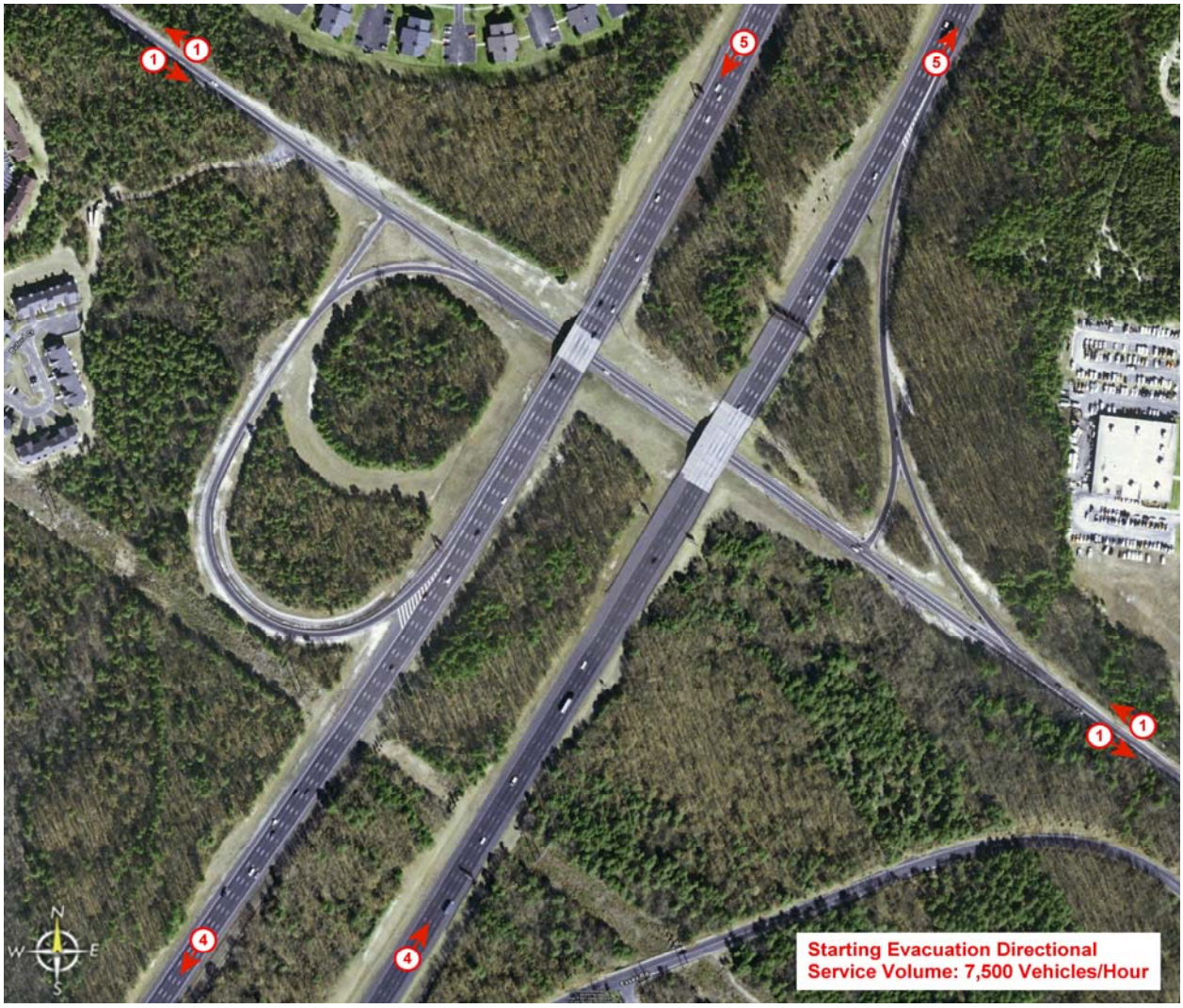
GSP Exit 105

Monmouth County

I-195 Exit 8 MoC - MeC Boundary

Monmouth County

GSP Exit 102



Monmouth County

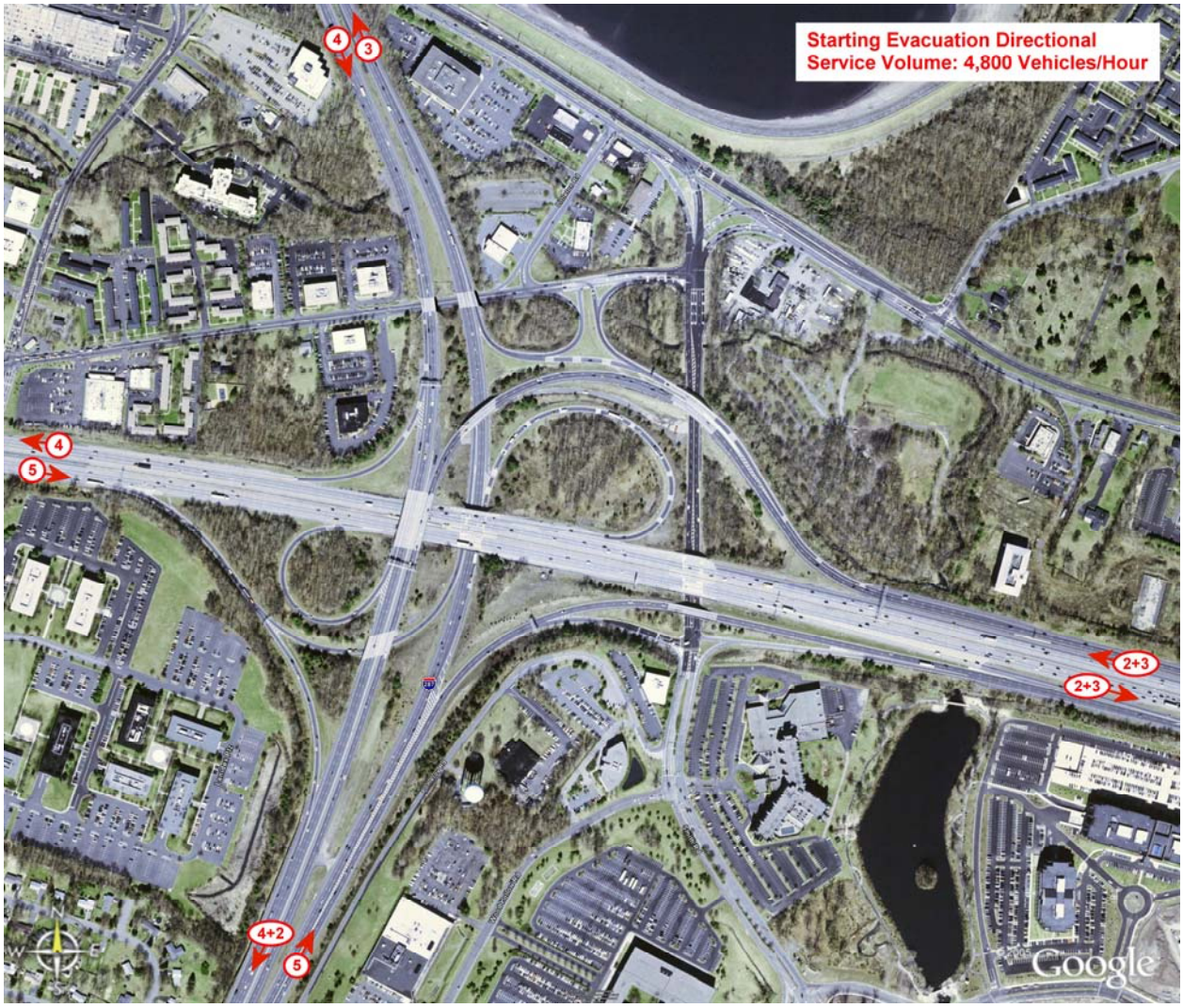
GSP Exit 100 a - b

Monmouth County

GSP Exit 96

Morris County

I-287 Exit 41 at I-80

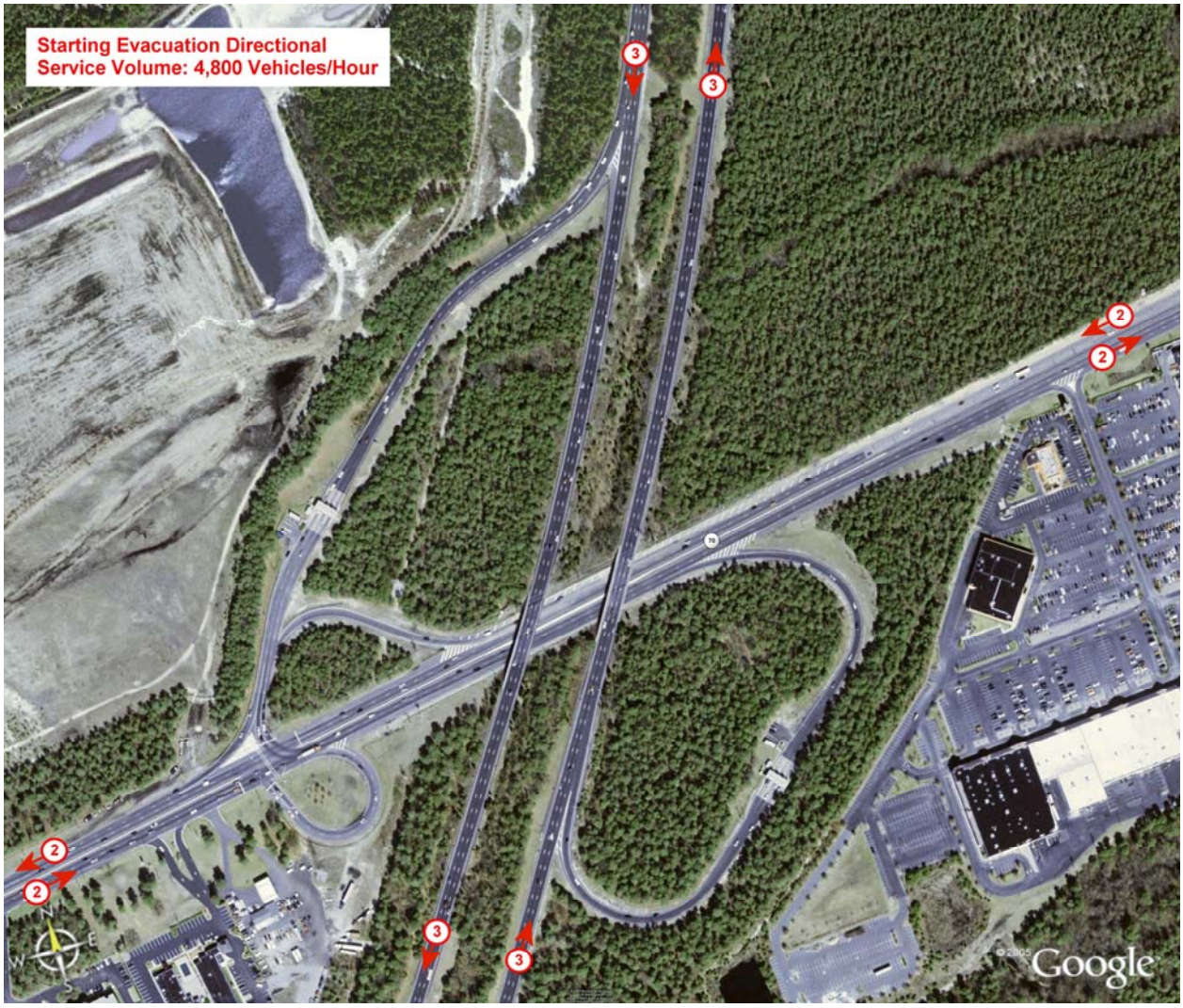


Ocean County

GSP OC - MoC Boundary

Ocean County

GSP Exit 88

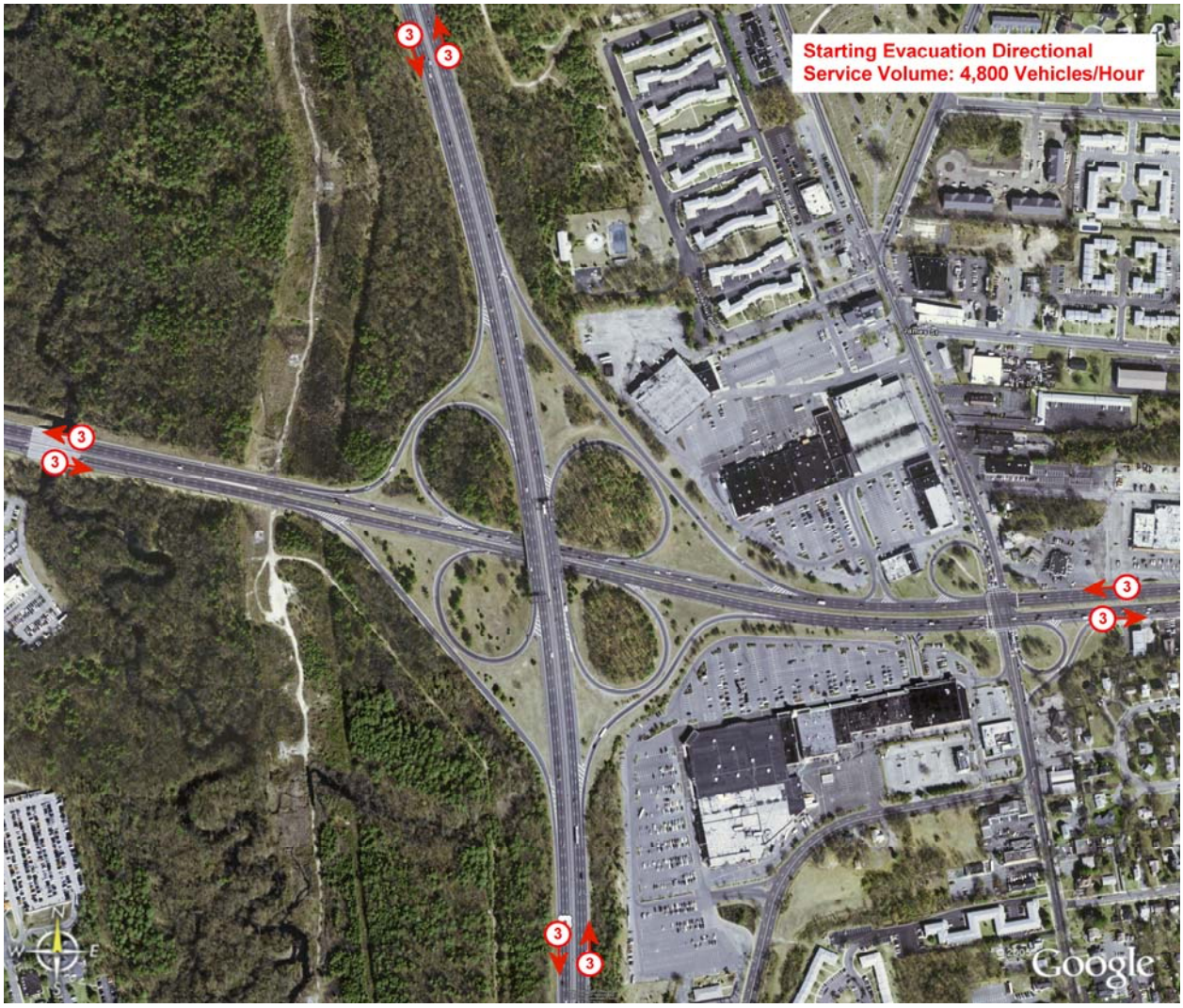


Ocean County

Route 70 at Route 37

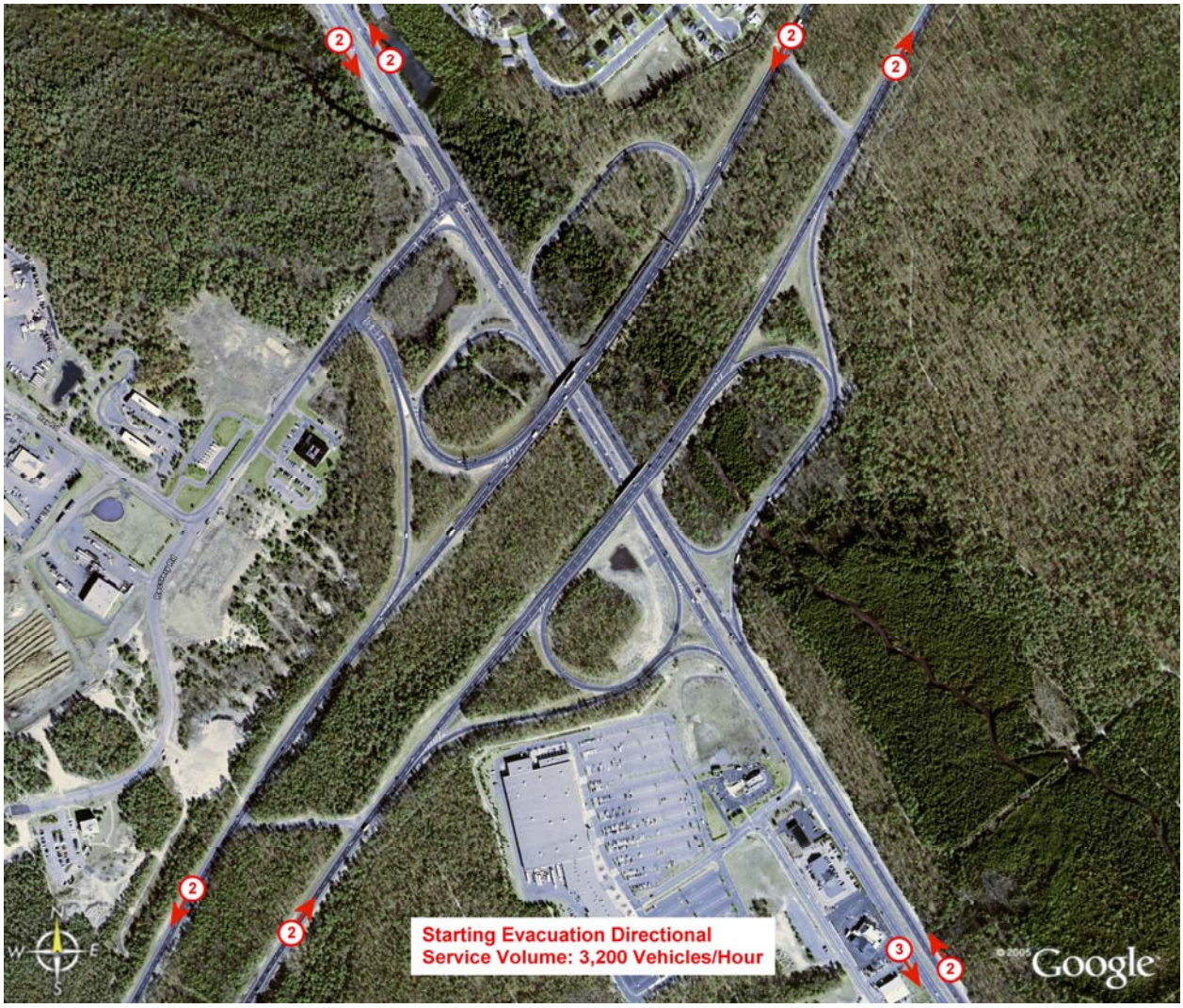
Ocean County

GSP Exit 82



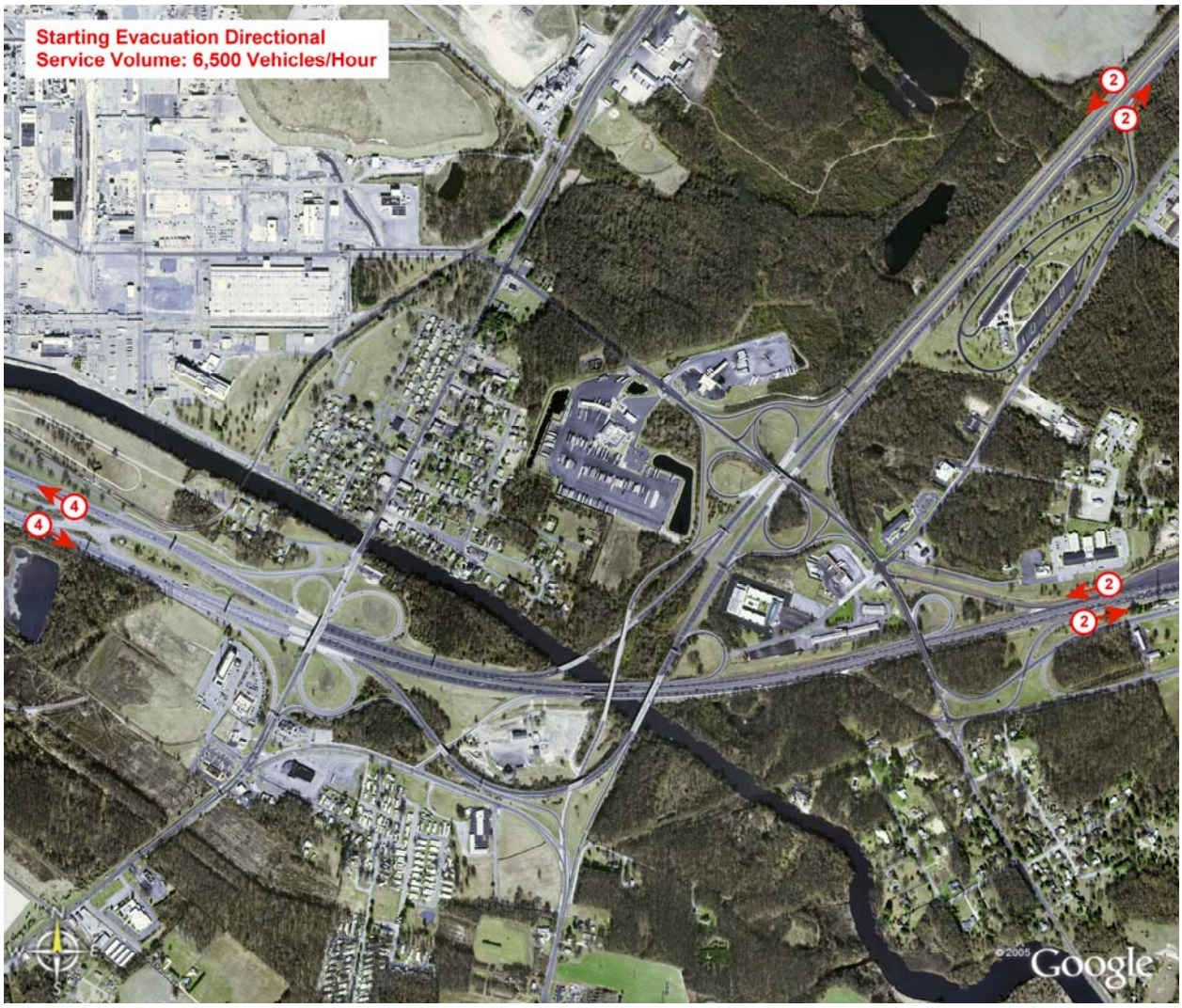
Ocean County

GSP Exit 63



Salem County

NJTP Exit 1



Somerset County

I-287 Exit 21 at I-78

Union County

GSP at I-78

Warren County

I-80 Exit 4

Warren County

I-78 Exit 3