Appendix E.11
Environmental Justice and Demographics

APPENDIX E.11

ENVIRONMENTAL JUSTICE – ERRATA SHEET

	Incorrect Tier 1 Draft EIS Text/Table		Tier 1 Final EIS Text/Table (Volume 2) Page
	Page	Description	
1.	1-3	Environmental Justice data was updated for the Existing NEC and Action Alternatives in the District of Columbia, Baltimore City, Maryland, Prince George's County, Maryland, and Bucks County, Pennsylvania. During the previous analysis, some Census tracts located within the Affected Environment were inadvertently excluded. The correct Census tracts have been added to the dataset and were used for the analysis. The inclusion of the additional Census tracts in the four counties does not affect the outcome of the analysis.	Data Matrices

NEC FUTURE
A Rail Investment Plan for the Northeast Corridor

Environmental Justice Effects Assessment Methodology

May 22, 2014
REVISED FINAL

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1. Environmental Justice

1.1 INTRODUCTION

This methodology describes how the NEC FUTURE program will address the potential effects of the Tier 1 EIS Alternatives on environmental justice (EJ) populations. EJ populations include minority and low-income persons as further defined in Section 1.3.

This methodology presents the regulatory framework, involved government agencies, and expected outcomes of the Tier 1 EIS process that are relevant to Tier 2 assessments. It also identifies data sources, metrics and methods to be used to document existing conditions and analyze environmental consequences. This methodology is subject to revision as the NEC FUTURE program advances and new information is available.

1.2 REGULATORY FRAMEWORK AND GUIDANCE

The following Executive Orders, U.S. DOT Order, and guidance documents pertain to the assessment of effects on EJ populations.

- ***Executive Order 12898 – Federal Actions to Address Environmental Justice in Minority and Low-Income Populations (1994)*** - requires all federal agencies to "develop an agency-wide environmental justice strategy that identifies and addresses disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations."
- ***U.S. DOT Order 5610.2 (a) – Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (1997) and Final DOT Environmental Justice Order (2012):*** The U.S. DOT Order requires planning and programming activities that have the potential to have a disproportionately high and adverse effect on human health or the environment to include explicit consideration of the effects on minority populations and low-income populations. The Order also requires meaningful opportunities for public involvement by members of minority populations and low-income populations during the planning and development of programs, policies, and activities as well as access to public information concerning the human health or environmental impacts of programs, policies, and activities.
- ***Environmental Justice: Guidance Under the National Environmental Policy Act (1997)*** prepared by the Council on Environmental Quality (CEQ) provides guidance for conducting EJ analysis under the National Environmental Policy Act (NEPA) including the suggested elements for public involvement and outreach, development of the EJ analysis methodologies, EJ definitions, EJ criteria, and environmental resource evaluation criteria for the determination of disproportionately high and adverse human health and environmental effects.
- ***Final Guidance for Incorporating Environmental Justice Concerns in EPA's NEPA Compliance Analyses (1998)*** prepared by the U.S. Environmental Protection Agency (USEPA) presents basic procedures for identifying and describing junctures in the NEPA process where environmental justice issues may be encountered; presents procedures for addressing disproportionately high and adverse effects to evaluate alternative actions; and presents methods for communicating with the affected populations throughout the NEPA process.

- ***Environmental Justice Policy Guidance for Federal Transit Administration Recipients (2012)*** prepared by the Federal Transit Administration (FTA) provides recommendations on (1) how to fully engage EJ populations in the transportation decision-making process; (2) how to determine whether EJ populations would be subjected to disproportionately high and adverse human health or environmental effects of a public transportation project, policy, or activity; and (3) how to avoid, minimize, or mitigate these effects.

In addition, the following Executive Orders address topics related to the consideration of impacts on EJ populations:

- ***Executive Order 13166 – Improving Access to Services for Persons with Limited English Proficiency (2000):*** requires each federal agency to ensure that recipients of federal financial assistance provide meaningful access to its programs and activities, including applicants and beneficiaries with limited English proficiency (LEP). LEP applies to individuals who do not speak English as their primary language and who have limited abilities to read, speak, write, or understand English.
- ***Executive Order 13045 – Protection of Children from Environmental Health Risks and Safety Risks (1997):*** requires federal agencies to minimize environmental health and safety risks to children, and to prioritize the identification and assessment of environmental health and safety risks that may have a disproportionate impact on children.

1.2.1 Regulatory Compliance

The Tier 1 EIS will describe the requirements of Executive Order 12898, the U.S. DOT and FTA orders on environmental justice, and related guidance. The Tier 1 EIS will identify and conduct targeted outreach to EJ populations as well as assess the potential for impacts (both positive and negative) on EJ populations in accordance with the methodology described in Section 1.5 below. In addition, the Tier 1 EIS will describe the additional EJ analysis and outreach that will occur during subsequent Tier 2 evaluations, including compliance with EO 12898, U.S. DOT Order 5610.2(a), and related requirements, such as EO 13166 and EO 13045. During the Tier 1 EIS process, the FRA will identify potential opportunities to streamline subsequent Tier 2 environmental reviews including EJ reviews (see Section 1.7).

Coordination with FTA and USEPA regarding EJ issues will be consistent with the NEC FUTURE Agency Coordination Plan and will support the Statement of Principles (SOP) established between FRA and federal regulatory agencies as part of the CEQ pilot program for the NEC FUTURE program.

In accordance with EO 12898, EO 13166 and U.S. DOT Order 5610.2(a), the FRA will engage in on-going public outreach throughout the Tier 1 EIS process. This will include targeted outreach to low-income and minority populations, including federally recognized Indian tribes. The FRA will follow inclusive public involvement practices, such as holding public meetings in transit-accessible locations, providing notices in minority and ethnic media, placing meeting materials online, and providing informal outreach opportunities in public places. Beyond these basic practices, to assist in understanding and communicating with the varied EJ populations present in the Study Area, the FRA will provide information to and encourage involvement in the program by organizations that represent minority and low-income communities in each state. For example, this may include

targeted mailings to and webinars with these identified organizations at various points in the program. Additional public involvement methods may include presentations to interested organizations and the formation of EJ outreach partnerships with metropolitan planning organizations, state agencies, or other organizations already engaged in outreach to EJ populations. If community issues arise or potential socioeconomic impacts are identified that require more focused engagement of EJ populations, the FRA may also hold community workshops in those locations. Translation and interpretation services as well as translation of meeting and communication materials for persons with limited English proficiency will be offered as necessary. Outreach will be consistent with the NEC FUTURE Public Involvement Plan and EJ Outreach Plan (in development).

1.3 DEFINITIONS

As defined in USEPA's guidance, environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies (USEPA, 1998).

U.S. DOT's Order 5610.2(a) provides the following definitions that apply to the Tier 1 EIS analysis:

- ***Minority Individual:*** The U.S. Census Bureau classifies a minority individual as belonging to one of the following groups: American Indian or Alaskan Native, Asian American, Native Hawaiian or Other Pacific Islander, Black (not of Hispanic Origin) and Hispanic or Latino.
- ***Minority Populations:*** Any readily identifiable groups of minority persons who live in geographic proximity, and if circumstances warrant, geographically dispersed/transient persons (such as migrant workers or Native Americans) who would be similarly affected by a proposed U.S. DOT program, policy, or activity.
- ***Low-income Individual***: A person whose household income is at or below the U.S. Department of Health and Human Services poverty guidelines.[1]
- ***Low-income Population:*** Any readily identifiable group of low-income persons who live in geographic proximity, and, if circumstances warrant, geographically dispersed/transient persons (such as migrant workers or Native Americans) who would be similarly affected by a proposed U.S. DOT program, policy, or activity.
- ***Disproportionately High and Adverse Effect on Minority and Low-income Populations:*** An adverse effect that:
  - Is predominately born by a minority population and/or a low-income population, or
  - Will be suffered by the minority populations and/or low-income population and is appreciably more severe or greater in magnitude than the adverse effect that will be suffered by the non-minority population and/or non-low-income population.

[1] Since the NEC FUTURE Study Area includes multiple states, the Health and Human Services poverty guidelines will be used to ensure consistency across state boundaries. However, as part of Tier 2 analyses, the Federal Highway Administration approach could be considered for more focused study areas.

1.4 RELATED RESOURCES

The FRA will incorporate the effects assessments from other resources in the effects assessment of EJ populations, including public health effects. These related resources are identified in Table 1. Note that the effects assessments for those related resources will be documented within their respective Tier 1 EIS sections.

Table 1: Related Resource Inputs to Environmental Justice Assessment

Resource	Input to Environmental Justice Assessment
Transportation	▪ Existing and proposed transportation corridors, facilities, and passenger rail stations and service characteristics, including average fares, to identify locations where an alternative has the potential to change access and mobility or to create isolation
Land Cover	▪ Areas with the potential for land use conversion
Parklands and Wild and Scenic Rivers	▪ Parklands and wild and scenic rivers within the Affected Environment and/or Context Area that have the potential to be affected by the Tier 1 EIS Alternatives
Visual and Aesthetic Resources	▪ Important/particularly sensitive viewsheds or aesthetic characteristics that have the potential to be affected by the Tier 1 EIS Alternatives
Noise and Vibration	▪ Areas where noise and vibration thresholds are exceeded by the Tier 1 EIS Alternatives within the Affected Environment
Air Quality	▪ Areas within the Affected Environment where air quality emissions would change or increase as a result of a Tier 1 EIS Alternative
Hazardous Waste and Contaminated Material (HWCM) Sites	▪ HWCM sites within the Affected Environment and/or Context Area that have the potential to be affected by the Tier 1 EIS Alternatives
Cultural Resources	▪ Removal of cultural meeting facilities, places of worship etc., particularly in regards to Native American resources

Source: NEC FUTURE JV, 2014

1.5 METHODOLOGY TO ASSESS EFFECTS

This effects assessment methodology identifies the approach and assumptions for describing existing conditions for environmental justice populations and the environmental consequences of the Tier 1 EIS Alternatives on those populations. It identifies data sources, defines the Affected Environment and Context Area considered for environmental justice, and presents the approach for evaluating potential direct effects.[2] Indirect effects,[3] such as those resulting from induced growth, as a result of the Tier 1 EIS Alternatives will be addressed in a separate methodology (see Indirect Effects Assessment Methodology).

[2] Direct effects are caused by the action and occur at the same time and place (40 CFR § 1508.8)
[3] Indirect effects are those that occur later in time or are further removed in distance (40 CFR § 1508.8)

1.5.1 Existing Conditions

The data sources listed in Table 2 will be used to establish the existing conditions for the environmental justice populations.

Table 2: Data Sources for the Evaluation of Environmental Justice

Resource	Data Source	Data Application
Minority and low-income populations	▪ US Census 2010	Census tracts within the Affected Environment and Context Area (defined below) will be mapped in GIS to illustrate population characteristics for each census tract.*
	▪ American Community Survey (ACS) 2010 5-year estimates	Household income data will be obtained at the census tract level. Census tracts within the Affected Environment and Context Area will be mapped in GIS to illustrate population characteristics for each census tract. Limited-English Proficiency data will guide the identification of EJ populations for public outreach purposes.
	▪ National Center for Educational Statistics (NCES) ▪ Government Assisted Housing Programs	Data will be used to guide the identification of EJ populations.

Source: NEC FUTURE JV, 2014

* Tract-level data will provide the basis for establishing the location of minority populations. While the tract-level data does not provide specific detail for the location of each household, it does provide information regarding the overall presence of minority populations within the entire census tract. Census tracts represent the smallest census unit of geography for which data is available in many counties. Census tracts generally have a population size between 1,200 and 8,000 people, with an optimum size of 4,000 people. A census tract usually covers a contiguous area; however, the spatial size varies widely depending on the density of settlement (U.S. Census Bureau, http://www.census.gov/geo/reference/gtc/gtc_ct.html).

The existing conditions for environmental justice will be documented for an established Affected Environment and Context Area.

EJ Populations in the Affected Environment

The Affected Environment is 1-mile wide centered on the Representative Route[4] for the Tier 1 EIS Alternatives. This 1-mile width is intended to:

- Encompass and account for the improvements associated with a Representative Route including infrastructure improvements (such as embankments, aerial structures, track improvements), ancillary facilities (such as stations, yards and parking structures), or service changes
- Encompass the presence of EJ populations within a walkable distance (understanding that average walking distances are between ¼ to ½ mile)[5] to existing passenger railroad facilities (i.e. stations and parking lots)

[4] The term "Representative Route" refers to a potential alignment for a Tier 1 EIS Alternative. The Representative Route includes the physical footprint of the improvements associated with the Tier 1 EIS Alternatives. The horizontal and vertical dimensions of the footprint of the Representative Route are based on prototypical cross-sections for these improvements. The Representative Route is used as a proxy for estimating the *potential* effects of a Tier 1 EIS Alternative. The alignment would not actually be selected in Tier 1; the alignment would be determined during subsequent Tier 2 project-level reviews.

For each Tier 1 EIS Alternative, FRA will identify all minority and low-income populations within the Affected Environment using the most current US Census data as noted above. After the review of detailed data, each census tract within the Affected Environment will be classified as either an **"EJ Census Tract"** or a **"Non-EJ Census Tract."**

The classification of census tracts in the Tier 1 analysis will be based on criteria provided in the CEQ's 1997 guidance on EJ analysis in NEPA documents. The CEQ's 1997 guidance recommends finding that a "minority population" is present if:

- The minority population exceeds 50 percent in the impacted area; or
- The minority population percentage in the impacted area is "meaningfully greater than the minority population in the general population or other appropriate unit of geographic analysis."

For both of these thresholds, the CEQ recommends using the *total* minority population (with members of all minority groups summed together).

The CEQ's 1997 guidance does not provide thresholds for identifying low-income populations. In the absence of specific guidance, the CEQ's thresholds for minority populations will also be used for identifying low-income populations. Therefore, a census tract will be considered an "EJ census tract" if it meets either of the following criteria:

- **50-Percent Threshold:** The minority or low-income population in the census tract exceeds 50 percent.
- **"Meaningfully-Greater" Threshold.** The minority or low-income population percentage in the census tract is "meaningfully greater" than the minority or low-income population percentage in the corresponding county.[6]

For this Tier 1 EIS, a census tract in the Affected Environment will meet the "meaningfully greater" threshold if the percentage of minority or low-income residents is at least 10 percentage points higher than the percentage in the corresponding county. This approach is consistent with thresholds used in both the Baltimore Red Line Final Environmental Impact Statement (FEIS) and California High Speed Rail Tier 1 EIS and appropriate for a Tier 1 level of analysis.

Using these criteria, the Tier 1 analysis will identify EJ census tracts within the Affected Environment for all Tier 1 EIS alternatives. The description of the Affected Environment will include the percent of the total population that can be described as part of the EJ population, the total number of EJ census tracts, and the total EJ population within the Affected Environment. Maps will also be developed in GIS to illustrate EJ and non-EJ census tracts within the Affected Environment.

[5] One-quarter to one-half mile is widely considered to be the industry standard in defining walking distance to transit. A notable source detailing walking distances includes: Transportation Research, *TCRP Report 95 Transit Oriented Development*. (2007)

[6] One exception to this approach is Baltimore City which is a not part of a county. Therefore, the minority or low-income population percentage in the census tracts within this portion of the NEC FUTURE Study Area would be compared to the minority and low income population percentage in Baltimore City and not to a county level

It is important to note that the FTA, a cooperating agency for the NEC FUTURE Tier 1 EIS, issued guidance in their August 2012 circular[7] that broadens the EJ analysis and provides guidance to identify and assess impacts to all EJ populations without screening based on the CEQ thresholds. FRA and FTA agree that it is appropriate to apply the thresholds provided for in the CEQ's 1997 guidance for the NEC FUTURE program due to the geographic scale and scope of the Study Area. For the Tier 1 level of analysis, this threshold methodology is a useful way to compare differences amongst alternatives in terms of their *potential* to cause EJ impacts as well as highlight areas for later, project-level determinations of disproportionality. However, as described in Section 1.7, future Tier 2 evaluations for projects in which FTA is involved, as a funding source or otherwise, will adhere to the broader analysis identified in FTA's EJ Circular.

EJ Populations in the Context Area (outside the Affected Environment)

The Context Area is 5 miles wide, centered on the Representative Route for each of the Tier 1 EIS Alternatives. Within the Context Area, the Tier 1 analysis is intended to identify, at a broad scale, the EJ populations that could be affected should the Representative Route shift. Consistent with the approach used to identify EJ populations for the Affected Environment, EJ populations within the Context Area will be identified based on the 50-percent or meaningfully greater thresholds following the CEQ's 1997 guidance. EJ census tracts within the Context Area will be qualitatively discussed and flagged for future consideration. The general characteristics and relative size and location of EJ populations will be presented for census tracts within the Context Area. This information will be used to supplement the census tract analysis within the Affected Environment.

1.5.2 Environmental Consequences

The Tier 1 EIS will include a quantitative assessment of impacts on EJ populations within the Affected Environment (the one-mile-wide swath). In addition, the Tier 1 EIS will include a qualitative assessment of impacts on EJ populations within the Context Area (the five-mile-wide swath).

For the Tier 1 EIS analysis, the FRA will identify differences among alternatives with regard to the potential for Tier 1 EIS Alternatives to either benefit or adversely affect EJ populations. Potential EJ concerns - e.g., alternatives that have greater impacts on EJ populations - will be 'flagged' for further analysis in Tier 2. Determinations required under EO 12898 and USDOT Order 5610.2(a) regarding disproportionately high and adverse effects will be made in in subsequent Tier 2 analyses.

To summarize, the following steps will be undertaken to evaluate the environmental consequences to EJ populations within the Affected Environment:

1. Identify and map "EJ census tracts" and "non-EJ census tracts" within the Affected Environment, based on the CEQ's 1997 thresholds defined in Section 1.5.1.
2. Identify potential effects to EJ populations by:
   a. Using GIS to identify the locations where each Representative Route crosses through identified EJ census tracts.

[7] Environmental Justice Policy Guidance for Federal Transit Administration Recipients, Circular 4703.1, effective August 15, 2012. (FTA's EJ Circular)

b. Conducting a GIS-based analysis of potential effects for resource areas identified in Table 1 that overlap those with identified EJ census tracts. For example, areas of potential land conversions which are also located in EJ census tracts.

c. Incorporating non-GIS data for resource areas listed in Table 1 to assess potential effects on EJ populations within the identified EJ census tracts. Non-GIS data such as the findings of the air quality analyses will be reviewed to identify areas, also located in EJ census tracts, where air quality emissions could change or increase.

3. Discuss the potential range of health-related effects identified in the noise and air quality assessments as they would apply to representative EJ populations (see Noise/Vibration and Air Quality methodologies).

4. Make a qualitative assessment, for each of the Tier 1 EIS Alternatives, to identify areas where there is the potential for benefits or adverse effects on EJ populations for each resource area listed in Table 1.

An example of how resource specific effects will be considered for the Tier 1 EJ analysis is provided below for transportation. A similar approach would be applied to each resource area listed in Table 1.

1. The transportation effects assessment will be reviewed for changes affecting accessibility including:
   - Improved access to passenger rail and/or public transit
   - Location of stations in both EJ and non-EJ census tracts and whether or not they bisect communities
   - Changes in service quality (type of services, frequency, trip times)
   - Changes in fares
2. The potential for benefits or effects on EJ populations will be flagged, for example characterizing the positive mobility improvements (frequency of service, stations service, quality of service, etc.) or the potential to limit access for EJ populations.

For the Context Area, EJ census tracts will be qualitatively discussed with regard to the potential to be affected should there be a shift in a Representative Route.

Temporary construction-related effects to EJ census tracts will be described as to the location, duration and type of activity in the Affected Environment. The NEC FUTURE program overall approach to assessing construction-related effects at the Tier 1 EIS level is further described in a separate Construction Effects Assessment Approach document. Construction methods and activities for the Tier 1 EIS Alternatives will be the basis of this assessment and will be described in Chapter 2.

1.5.3 Mitigation Strategies

A menu of potential mitigation measures will be developed on a programmatic scale for further consideration in Tier 2. Examples of programmatic mitigation measures would include potential

installation of noise barriers and job training programs. Mitigation measures would be determined in consultation with the affected EJ populations during subsequent Tier 2 evaluations.

1.6 TIER 1 EIS OUTCOMES

This Tier 1 EIS environmental justice assessment will:

- Quantify the total population for each census tract
- Quantify the percent of the total population that qualifies as an "EJ population," the total EJ population, and determine the total number of EJ census tracts using CEQ's 1997 thresholds. .
- Map EJ census tracts within the Affected Environment.
- Map EJ census tracts within the Context Area.
- Identify where potential effects for resource areas identified in **Table 1** may affect EJ populations within the Affected Environment.
- Identify issues or areas of concern where the Tier 1 EIS Alternatives have the potential to create benefits or adverse effects on EJ populations.
- Identify a menu of potential mitigation measures that could be further developed in Tier 2, if an alternative is found to have adverse effects on EJ populations.

1.7 APPLICABILITY TO TIER 2 ASSESSMENTS

The Tier 1 EIS will determine areas of concern for EJ that would require more in-depth analysis at Tier 2 level. For Tier 2 projects in which FTA is involved as a funding source or lead federal agency, the identification of EJ populations and associated effects assessment will follow FTA's EJ Circular. The Tier 2 EJ analysis would include additional data collection and utilize more detailed census information to evaluate effects at the community or neighborhood level. A more detailed impact analysis, including a community cohesion assessment, would be completed to assess localized project effects at the community or neighborhood level during both operations and construction. While the outcomes of the Tier 1 EIS analysis will not produce a specific list of community and neighborhood names, those census tracts having EJ populations could be used as a starting part for EJ outreach and focused community impact assessments.

Additionally, the FRA will identify ways in which agency coordination during the Tier 1 EIS process could create efficiencies and help streamline subsequent Tier 2 reviews and approvals. For example, if a particular portion or element of a Tier 1 EIS Alternative avoids EJ census tracts or any other impact on EJ census tracts, FRA may coordinate with FTA and FRA to determine whether or not those EJ census tracts need further evaluation during the Tier 2 environmental review process.

Application of Effects-Assessment Methodology

11.1 ENVIRONMENTAL JUSTICE: APPLICATION OF EFFECTS ASSESSMENT METHODOLOGY

11.1.1 Variations to Effects-Assessment Methodology

The following variations from the Effects-Assessment Methodology occurred during the process of developing the Tier 1 Draft EIS analysis:

- The Environmental Justice Methodology was modified to take the minority and low-income populations identified at the census tracts level and aggregate the data to the county and state levels within the Tier 1 Draft EIS.

11.1.2 Data Variations

There were no variations from the identified data sources in the Effects-Assessment Methodology during the development of the Tier 1 Draft EIS analysis.

11.1.3 Criteria for Analysis

Existing Conditions

- EJ data are presented at the county level within the Tier 1 Draft EIS.
- All census tracts with EJ populations have been mapped and shown in the Mapping Atlas.
- Census tracts where the minority or low-income population exceeded 50 percent or the meaningfully greater threshold (10 percentage points higher than the jurisdiction total) were flagged as an EJ census tract. This approach identified concentrations of EJ populations located in the Affected Environment and in the Context Area.
- Related resource analysis was compiled by overlaying the counties with a majority of census tracts identified as containing EJ populations (greater than 50 percent of tracts within a county) with the identified related resources within the same county by alternative. The data are presented using a presence/absence system in tabular form. To maintain consistency with the related resource data in the respective chapters, the Environmental Consequences for the related resources were maintained as described in their respective methodologies (i.e., they were not adjusted to match the 1-mile Affected Environment for Environmental Justice).

Environmental Consequences – Stations

- Station areas with potential EJ impacts were identified as part of the Environmental Consequences assessment and have been mapped and shown in Appendix A, Mapping Atlas.

Data Matrices

State	County	Environmental Justice																							
		Affected Environment																							
		Existing NEC								Alternative 1								Alternative 2							
		Total Population	Minority Population	Low Income Population	EJ Tracts	Total Tracts	% Minority	% Low Income	% EJ Tracts	Total Population	Minority Population	Low Income Population	EJ Tracts	Total Tracts	% Minority	% Low Income	% EJ Tracts	Total Population	Minority Population	Low Income Population	EJ Tracts	Total Tracts	% Minority	% Low Income	% EJ Tracts
DC	District of Columbia	57,799	42,353	13,762	18	22	73%	25%	82%	57,799	42,353	13,762	18	22	73%	25%	82%	57,799	42,353	13,762	18	22	73%	25%	82%
MD	Anne Arundel County	70,613	31,560	3,369	4	13	45%	5%	31%	70,613	31,560	3,369	4	13	45%	5%	31%	70,613	31,560	3,369	4	13	45%	5%	31%
MD	Baltimore city	179,985	145,095	50,894	60	69	81%	30%	87%	192,718	154,565	53,335	63	73	80%	29%	86%	192,718	154,565	53,335	63	73	80%	29%	86%
MD	Baltimore County	87,593	20,181	8,032	4	24	23%	10%	17%	87,593	20,181	8,032	4	24	23%	10%	17%	87,593	20,181	8,032	4	24	23%	10%	17%
MD	Cecil County	42,885	8,349	4,779	3	7	19%	12%	43%	42,885	8,349	4,779	3	7	19%	12%	43%	50,912	8,908	4,965	3	9	17%	10%	33%
MD	Harford County	59,100	21,833	5,285	8	14	37%	9%	57%	59,100	21,833	5,285	8	14	37%	9%	57%	59,100	21,833	5,285	8	14	37%	9%	57%
MD	Howard County	7,544	2,453	388	0	1	33%	5%	0%	7,544	2,453	388	0	1	33%	5%	0%	7,544	2,453	388	0	1	33%	5%	0%
MD	Prince George's County	99,935	86,749	7,662	24	24	87%	8%	100%	99,935	86,749	7,662	24	24	87%	8%	100%	99,935	86,749	7,662	24	24	87%	8%	100%
DE	New Castle County	161,701	75,629	26,043	20	43	47%	17%	47%	161,701	75,629	26,043	20	43	47%	17%	47%	167,739	80,768	26,890	22	45	48%	17%	49%
PA	Bucks County	91,658	24,886	6,819	10	22	27%	7%	45%	91,658	24,886	6,819	10	22	27%	7%	45%	91,658	24,886	6,819	10	22	27%	7%	45%
PA	Delaware County	125,641	56,000	21,898	19	38	45%	18%	50%	125,641	56,000	21,898	19	38	45%	18%	50%	62,848	29,521	14,110	11	23	47%	23%	48%
PA	Philadelphia County	456,483	315,343	148,374	79	109	69%	35%	72%	456,483	315,343	148,374	79	109	69%	35%	72%	426,147	287,540	134,945	74	106	67%	34%	70%
NJ	Bergen County	4,985	1,636	244	0	1	33%	5%	0%	4,985	1,636	244	0	1	33%	5%	0%	4,985	1,636	244	0	1	33%	5%	0%
NJ	Burlington County	10,797	4,145	285	1	2	38%	3%	50%	10,797	4,145	285	1	2	38%	3%	50%	10,797	4,145	285	1	2	38%	3%	50%
NJ	Essex County	68,401	54,571	17,910	22	22	80%	29%	100%	68,401	54,571	17,910	22	22	80%	29%	100%	68,401	54,571	17,910	22	22	80%	29%	100%
NJ	Hudson County	92,517	60,940	11,908	20	27	66%	13%	74%	106,076	72,967	14,287	23	30	69%	14%	77%	106,076	72,967	14,287	23	30	69%	14%	77%
NJ	Mercer County	111,938	68,891	15,813	18	26	62%	15%	69%	111,938	68,891	15,813	18	26	62%	15%	69%	111,938	68,891	15,813	18	26	62%	15%	69%
NJ	Middlesex County	258,365	152,216	23,702	35	52	59%	10%	67%	258,365	152,216	23,702	35	52	59%	10%	67%	263,785	154,663	23,929	35	53	59%	10%	66%
NJ	Somerset County	12,130	10,420	1,002	2	2	86%	9%	100%	12,130	10,420	1,002	2	2	86%	9%	100%	12,130	10,420	1,002	2	2	86%	9%	100%
NJ	Union County	163,271	118,541	20,837	31	36	73%	13%	86%	163,271	118,541	20,837	31	36	73%	13%	86%	163,271	118,541	20,837	31	36	73%	13%	86%
NY	Bronx County	359,034	327,536	100,406	88	94	91%	29%	94%	359,034	327,536	100,406	88	94	91%	29%	94%	354,274	323,571	99,718	86	92	91%	29%	93%
NY	Kings County	9,726	3,679	1,459	1	3	38%	17%	33%	9,726	3,679	1,459	1	3	38%	17%	33%	14,885	4,697	1,921	1	5	32%	14%	20%
NY	Nassau County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%
NY	New York County	179,831	74,887	24,844	14	38	42%	15%	37%	187,775	76,716	25,250	14	40	41%	14%	35%	192,830	77,740	25,491	14	41	40%	14%	34%
NY	Putnam County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%
NY	Queens County	223,688	128,329	30,185	35	69	57%	14%	51%	223,688	128,329	30,185	35	69	57%	14%	51%	270,187	165,129	36,266	47	81	61%	14%	58%
NY	Suffolk County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%
NY	Westchester County	165,511	72,635	14,050	13	34	44%	9%	38%	165,511	72,635	14,050	13	34	44%	9%	38%	165,511	72,635	14,050	13	34	44%	9%	38%
CT	Fairfield County	321,576	156,886	40,201	41	80	49%	13%	51%	328,991	159,618	40,457	42	82	49%	13%	51%	348,354	164,836	41,651	43	86	47%	12%	50%
CT	Hartford County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%	196,551	100,359	32,685	34	52	51%	17%	65%
CT	Middlesex County	26,228	2,229	1,008	0	6	8%	4%	0%	26,228	2,229	1,008	0	6	8%	4%	0%	26,228	2,229	1,008	0	6	8%	4%	0%
CT	New Haven County	231,160	85,071	26,293	20	54	37%	12%	37%	231,160	85,071	26,293	20	54	37%	12%	37%	291,267	97,639	29,669	22	66	34%	11%	33%
CT	New London County	107,605	28,339	8,376	8	27	26%	8%	30%	128,352	31,428	8,983	8	33	24%	7%	24%	107,605	28,339	8,376	8	27	26%	8%	30%
CT	Tolland County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%	36,724	3,503	1,918	0	8	10%	5%	0%
CT	Windham County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%	28,376	1,872	1,791	0	8	7%	7%	0%
RI	Kent County	48,220	4,284	2,836	0	13	9%	6%	0%	48,220	4,284	2,836	0	13	9%	6%	0%	48,220	4,284	2,836	0	13	9%	6%	0%
RI	Providence County	220,007	129,337	46,940	35	50	59%	23%	70%	220,007	129,337	46,940	35	50	59%	23%	70%	337,470	149,885	57,907	40	75	44%	18%	53%
RI	Washington County	84,082	6,852	4,270	1	16	8%	5%	6%	84,082	6,852	4,270	1	16	8%	5%	6%	84,082	6,852	4,270	1	16	8%	5%	6%
MA	Bristol County	79,716	9,996	4,935	2	14	13%	6%	14%	79,716	9,996	4,935	2	14	13%	6%	14%	85,206	10,247	5,043	2	15	12%	6%	13%
MA	Hampden County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%
MA	Middlesex County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%
MA	Norfolk County	58,840	8,578	2,144	0	12	15%	4%	0%	58,840	8,578	2,144	0	12	15%	4%	0%	58,840	8,578	2,144	0	12	15%	4%	0%
MA	Suffolk County	228,770	115,470	48,091	40	68	50%	23%	59%	228,770	115,470	48,091	40	68	50%	23%	59%	228,770	115,470	48,091	40	68	50%	23%	59%
MA	Worcester County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%
DC	Total	57,799	42,353	13,762	18	22	73%	25%	82%	57,799	42,353	13,762	18	22	73%	25%	82%	57,799	42,353	13,762	18	22	73%	25%	82%
MD	Total	547,655	316,220	80,409	103	152	58%	16%	68%	560,388	325,690	82,850	106	156	58%	16%	68%	568,415	326,249	83,036	106	158	57%	15%	67%
DE	Total	161,701	75,629	26,043	20	43	47%	17%	47%	161,701	75,629	26,043	20	43	47%	17%	47%	167,739	80,768	26,890	22	45	48%	17%	49%
PA	Total	673,782	396,229	177,091	108	169	59%	27%	64%	673,782	396,229	177,091	108	169	59%	27%	64%	580,653	341,947	155,874	95	151	59%	28%	63%
NJ	Total	722,404	471,360	91,701	129	168	65%	13%	77%	735,963	483,387	94,080	132	171	66%	13%	77%	741,383	485,834	94,307	132	172	66%	13%	77%
NY	Total	937,790	607,066	170,944	151	238	65%	19%	63%	945,734	608,895	171,350	151	240	64%	19%	63%	997,687	643,772	177,446	161	253	65%	18%	64%
CT	Total	686,569	272,525	75,878	69	167	40%	12%	41%	714,731	278,346	76,741	70	175	39%	11%	40%	1,035,105	398,777	117,098	107	253	39%	12%	42%
RI	Total	352,309	140,473	54,046	36	79	40%	16%	46%	352,309	140,473	54,046	36	79	40%	16%	46%	469,772	161,021	65,013	41	104	34%	15%	39%
MA	Total	367,326	134,044	55,170	42	94	36%	16%	45%	367,326	134,044	55,170	42	94	36%	16%	45%	372,816	134,295	55,278	42	95	36%	16%	44%
Grand Total		4,507,335	2,455,899	745,044	676	1,132	54%	17%	60%	4,569,733	2,485,046	751,133	683	1,149	54%	17%	59%	4,991,369	2,615,016	788,704	724	1,253	52%	17%	58%

State	County	Environmental Justice															
		Affected Environment															
		Alternative 3 via CC and PVD (3.1)								Alternative 3 via LI and PVD (3.2)							
		Total Population	Minority Population	Low Income Population	EJ Tracts	Total Tracts	% Minority	% Low Income	% EJ Tracts	Total Population	Minority Population	Low Income Population	EJ Tracts	Total Tracts	% Minority	% Low Income	% EJ Tracts
DC	District of Columbia	57,799	42,353	13,762	18	22	73%	25%	82%	57,799	42,353	13,762	18	22	73%	25%	82%
MD	Anne Arundel County	70,613	31,560	3,369	4	13	45%	5%	31%	70,613	31,560	3,369	4	13	45%	5%	31%
MD	Baltimore city	246,902	179,383	64,551	75	95	73%	28%	79%	246,902	179,383	64,551	75	95	73%	28%	79%
MD	Baltimore County	123,930	36,269	9,881	8	33	29%	9%	24%	123,930	36,269	9,881	8	33	29%	9%	24%
MD	Cecil County	50,912	8,908	4,965	3	9	17%	10%	33%	50,912	8,908	4,965	3	9	17%	10%	33%
MD	Harford County	87,403	33,842	8,084	12	19	39%	9%	63%	87,403	33,842	8,084	12	19	39%	9%	63%
MD	Howard County	7,544	2,453	388	0	1	33%	5%	0%	7,544	2,453	388	0	1	33%	5%	0%
MD	Prince George's County	99,935	86,749	7,662	24	24	87%	8%	100%	99,935	86,749	7,662	24	24	87%	8%	100%
DE	New Castle County	164,891	78,675	26,610	21	44	48%	17%	48%	164,891	78,675	26,610	21	44	48%	17%	48%
PA	Bucks County	91,658	24,886	6,819	10	22	27%	7%	45%	91,658	24,886	6,819	10	22	27%	7%	45%
PA	Delaware County	129,732	56,319	22,310	19	41	43%	17%	46%	129,732	56,319	22,310	19	41	43%	17%	46%
PA	Philadelphia County	677,850	411,981	196,938	109	173	61%	31%	63%	677,850	411,981	196,938	109	173	61%	31%	63%
NJ	Bergen County	4,985	1,636	244	0	1	33%	5%	0%	4,985	1,636	244	0	1	33%	5%	0%
NJ	Burlington County	10,797	4,145	285	1	2	38%	3%	50%	10,797	4,145	285	1	2	38%	3%	50%
NJ	Essex County	68,401	54,571	17,910	22	22	80%	29%	100%	68,401	54,571	17,910	22	22	80%	29%	100%
NJ	Hudson County	152,636	99,655	19,929	30	42	65%	14%	71%	152,636	99,655	19,929	30	42	65%	14%	71%
NJ	Mercer County	111,938	68,891	15,813	18	26	62%	15%	69%	111,938	68,891	15,813	18	26	62%	15%	69%
NJ	Middlesex County	263,785	154,663	23,929	35	53	59%	10%	66%	263,785	154,663	23,929	35	53	59%	10%	66%
NJ	Somerset County	12,130	10,420	1,002	2	2	86%	9%	100%	12,130	10,420	1,002	2	2	86%	9%	100%
NJ	Union County	163,271	118,541	20,837	31	36	73%	13%	86%	163,271	118,541	20,837	31	36	73%	13%	86%
NY	Bronx County	359,034	327,536	100,406	88	94	91%	29%	94%	359,034	327,536	100,406	88	94	91%	29%	94%
NY	Kings County	14,885	4,697	1,921	1	5	32%	14%	20%	30,973	9,072	3,917	2	10	29%	14%	20%
NY	Nassau County	0	0	0	0	0	0%	0%	0%	170,720	42,573	5,231	6	36	25%	3%	17%
NY	New York County	467,122	143,643	42,940	20	92	31%	10%	22%	192,830	77,740	25,491	14	41	40%	14%	34%
NY	Putnam County	10,446	1,537	296	0	2	15%	3%	0%	0	0	0	0	0	0%	0%	0%
NY	Queens County	274,769	169,432	37,573	48	82	62%	14%	59%	684,769	473,948	88,758	142	224	69%	13%	63%
NY	Suffolk County	0	0	0	0	0	0%	0%	0%	266,407	123,824	16,618	24	57	46%	6%	42%
NY	Westchester County	264,612	100,516	19,105	19	57	38%	7%	33%	165,511	72,635	14,050	13	34	44%	9%	38%
CT	Fairfield County	421,229	186,285	45,370	46	98	44%	11%	47%	328,991	159,618	40,457	42	82	49%	13%	51%
CT	Hartford County	247,930	120,689	40,781	43	68	49%	17%	63%	222,326	118,593	39,556	43	62	53%	19%	69%
CT	Middlesex County	26,228	2,229	1,008	0	6	8%	4%	0%	26,228	2,229	1,008	0	6	8%	4%	0%
CT	New Haven County	325,571	104,970	33,236	23	74	32%	11%	31%	291,267	97,639	29,669	22	66	34%	11%	33%
CT	New London County	107,605	28,339	8,376	8	27	26%	8%	30%	107,605	28,339	8,376	8	27	26%	8%	30%
CT	Tolland County	36,724	3,503	1,918	0	8	10%	5%	0%	36,724	3,503	1,918	0	8	10%	5%	0%
CT	Windham County	28,376	1,872	1,791	0	8	7%	7%	0%	28,376	1,872	1,791	0	8	7%	7%	0%
RI	Kent County	48,220	4,284	2,836	0	13	9%	6%	0%	48,220	4,284	2,836	0	13	9%	6%	0%
RI	Providence County	337,470	149,885	57,907	40	75	44%	18%	53%	337,470	149,885	57,907	40	75	44%	18%	53%
RI	Washington County	84,082	6,852	4,270	1	16	8%	5%	6%	84,082	6,852	4,270	1	16	8%	5%	6%
MA	Bristol County	85,206	10,247	5,043	2	15	12%	6%	13%	85,206	10,247	5,043	2	15	12%	6%	13%
MA	Hampden County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%
MA	Middlesex County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%
MA	Norfolk County	58,840	8,578	2,144	0	12	15%	4%	0%	58,840	8,578	2,144	0	12	15%	4%	0%
MA	Suffolk County	231,885	118,517	48,465	41	69	51%	23%	59%	231,885	118,517	48,465	41	69	51%	23%	59%
MA	Worcester County	0	0	0	0	0	0%	0%	0%	0	0	0	0	0	0%	0%	0%
DC	Total	57,799	42,353	13,762	18	22	73%	25%	82%	57,799	42,353	13,762	18	22	73%	25%	82%
MD	Total	687,239	379,164	98,900	126	194	55%	15%	65%	687,239	379,164	98,900	126	194	55%	15%	65%
DE	Total	164,891	78,675	26,610	21	44	48%	17%	48%	164,891	78,675	26,610	21	44	48%	17%	48%
PA	Total	899,240	493,186	226,067	138	236	55%	27%	58%	899,240	493,186	226,067	138	236	55%	27%	58%
NJ	Total	787,943	512,522	99,949	139	184	65%	13%	76%	787,943	512,522	99,949	139	184	65%	13%	76%
NY	Total	1,390,868	747,361	202,241	176	332	54%	15%	53%	1,870,244	1,127,328	254,471	289	496	60%	14%	58%
CT	Total	1,193,663	447,887	132,480	120	289	38%	12%	42%	1,041,517	411,793	122,775	115	259	40%	12%	44%
RI	Total	469,772	161,021	65,013	41	104	34%	15%	39%	469,772	161,021	65,013	41	104	34%	15%	39%
MA	Total	375,931	137,342	55,652	43	96	37%	16%	45%	375,931	137,342	55,652	43	96	37%	16%	45%
Grand Total		6,027,346	2,999,511	920,674	822	1,501	50%	16%	55%	6,354,576	3,343,384	963,199	930	1,635	53%	16%	57%

State	County	Environmental Justice															
		Affected Environment															
		Alternative 3 via LI and WOR (3.3)								Alternative 3 via CC and WOR (3.4)							
		Total Population	Minority Population	Low Income Population	EJ Tracts	Total Tracts	% Minority	% Low Income	% EJ Tracts	Total Population	Minority Population	Low Income Population	EJ Tracts	Total Tracts	% Minority	% Low Income	% EJ Tracts
DC	District of Columbia	57,799	42,353	13,762	18	22	73%	25%	1	57,799	42,353	13,762	18	22	73%	25%	82%
MD	Anne Arundel County	70,613	31,560	3,369	4	13	45%	5%	0	70,613	31,560	3,369	4	13	45%	5%	31%
MD	Baltimore city	246,902	179,383	64,551	75	95	73%	28%	1	246,902	179,383	64,551	75	95	73%	28%	79%
MD	Baltimore County	123,930	36,269	9,881	8	33	29%	9%	0	123,930	36,269	9,881	8	33	29%	9%	24%
MD	Cecil County	50,912	8,908	4,965	3	9	17%	10%	0	50,912	8,908	4,965	3	9	17%	10%	33%
MD	Harford County	87,403	33,842	8,084	12	19	39%	9%	1	87,403	33,842	8,084	12	19	39%	9%	63%
MD	Howard County	7,544	2,453	388	0	1	33%	5%	0	7,544	2,453	388	0	1	33%	5%	0%
MD	Prince George's County	99,935	86,749	7,662	24	24	87%	8%	1	99,935	86,749	7,662	24	24	87%	8%	100%
DE	New Castle County	164,891	78,675	26,610	21	44	48%	17%	0	164,891	78,675	26,610	21	44	48%	17%	48%
PA	Bucks County	91,658	24,886	6,819	10	22	27%	7%	0	91,658	24,886	6,819	10	22	27%	7%	45%
PA	Delaware County	129,732	56,319	22,310	19	41	43%	17%	0	129,732	56,319	22,310	19	41	43%	17%	46%
PA	Philadelphia County	677,850	411,981	196,938	109	173	61%	31%	1	677,850	411,981	196,938	109	173	61%	31%	63%
NJ	Bergen County	4,985	1,636	244	0	1	33%	5%	0	4,985	1,636	244	0	1	33%	5%	0%
NJ	Burlington County	10,797	4,145	285	1	2	38%	3%	1	10,797	4,145	285	1	2	38%	3%	50%
NJ	Essex County	68,401	54,571	17,910	22	22	80%	29%	1	68,401	54,571	17,910	22	22	80%	29%	100%
NJ	Hudson County	152,636	99,655	19,929	30	42	65%	14%	1	152,636	99,655	19,929	30	42	65%	14%	71%
NJ	Mercer County	111,938	68,891	15,813	18	26	62%	15%	1	111,938	68,891	15,813	18	26	62%	15%	69%
NJ	Middlesex County	263,785	154,663	23,929	35	53	59%	10%	1	263,785	154,663	23,929	35	53	59%	10%	66%
NJ	Somerset County	12,130	10,420	1,002	2	2	86%	9%	1	12,130	10,420	1,002	2	2	86%	9%	100%
NJ	Union County	163,271	118,541	20,837	31	36	73%	13%	1	163,271	118,541	20,837	31	36	73%	13%	86%
NY	Bronx County	359,034	327,536	100,406	88	94	91%	29%	1	359,034	327,536	100,406	88	94	91%	29%	94%
NY	Kings County	30,973	9,072	3,917	2	10	29%	14%	0	14,885	4,697	1,921	1	5	32%	14%	20%
NY	Nassau County	170,720	42,573	5,231	6	36	25%	3%	0	0	0	0	0	0	0%	0%	0%
NY	New York County	192,830	77,740	25,491	14	41	40%	14%	0	467,122	143,643	42,940	20	92	31%	10%	22%
NY	Putnam County	0	0	0	0	0	0%	0%	0	10,446	1,537	296	0	2	15%	3%	0%
NY	Queens County	684,769	473,948	88,758	142	224	69%	13%	1	274,769	169,432	37,573	48	82	62%	14%	59%
NY	Suffolk County	266,407	123,824	16,618	24	57	46%	6%	0	0	0	0	0	0	0%	0%	0%
NY	Westchester County	165,511	72,635	14,050	13	34	44%	9%	0	264,612	100,516	19,105	19	57	38%	7%	33%
CT	Fairfield County	328,991	159,618	40,457	42	82	49%	13%	1	421,229	186,285	45,370	46	98	44%	11%	47%
CT	Hartford County	213,720	115,466	38,462	43	59	54%	19%	1	239,324	117,562	39,687	43	65	49%	17%	66%
CT	Middlesex County	26,228	2,229	1,008	0	6	8%	4%	0	26,228	2,229	1,008	0	6	8%	4%	0%
CT	New Haven County	291,267	97,639	29,669	22	66	34%	11%	0	325,571	104,970	33,236	23	74	32%	11%	31%
CT	New London County	107,605	28,339	8,376	8	27	26%	8%	0	107,605	28,339	8,376	8	27	26%	8%	30%
CT	Tolland County	42,440	4,269	2,217	2	9	10%	5%	0	42,440	4,269	2,217	2	9	10%	5%	22%
CT	Windham County	4,317	340	171	0	1	8%	4%	0	4,317	340	171	0	1	8%	4%	0%
RI	Kent County	48,220	4,284	2,836	0	13	9%	6%	0	48,220	4,284	2,836	0	13	9%	6%	0%
RI	Providence County	220,007	129,337	46,940	35	50	59%	23%	1	220,007	129,337	46,940	35	50	59%	23%	70%
RI	Washington County	84,082	6,852	4,270	1	16	8%	5%	0	84,082	6,852	4,270	1	16	8%	5%	6%
MA	Bristol County	79,716	9,996	4,935	2	14	13%	6%	0	79,716	9,996	4,935	2	14	13%	6%	14%
MA	Hampden County	4,319	200	272	0	1	5%	6%	0	4,319	200	272	0	1	5%	6%	0%
MA	Middlesex County	163,359	35,190	8,508	4	34	22%	6%	0	163,359	35,190	8,508	4	34	22%	6%	12%
MA	Norfolk County	83,225	13,828	5,197	2	17	17%	7%	0	83,225	13,828	5,197	2	17	17%	7%	12%
MA	Suffolk County	288,702	138,261	59,847	45	83	48%	24%	1	288,702	138,261	59,847	45	83	48%	24%	54%
MA	Worcester County	202,780	66,527	26,391	24	44	33%	14%	1	202,780	66,527	26,391	24	44	33%	14%	55%
DC	Total	57,799	42,353	13,762	18	22	73%	25%	1	57,799	42,353	13,762	18	22	73%	25%	82%
MD	Total	687,239	379,164	98,900	126	194	55%	15%	1	687,239	379,164	98,900	126	194	55%	15%	65%
DE	Total	164,891	78,675	26,610	21	44	48%	17%	0	164,891	78,675	26,610	21	44	48%	17%	48%
PA	Total	899,240	493,186	226,067	138	236	55%	27%	1	899,240	493,186	226,067	138	236	55%	27%	58%
NJ	Total	787,943	512,522	99,949	139	184	65%	13%	1	787,943	512,522	99,949	139	184	65%	13%	76%
NY	Total	1,870,244	1,127,328	254,471	289	496	60%	14%	1	1,390,868	747,361	202,241	176	332	54%	15%	53%
CT	Total	1,014,568	407,900	120,360	117	250	40%	12%	0	1,166,714	443,994	130,065	122	280	38%	12%	44%
RI	Total	352,309	140,473	54,046	36	79	40%	16%	0	352,309	140,473	54,046	36	79	40%	16%	46%
MA	Total	822,101	264,002	105,150	77	193	32%	14%	0	822,101	264,002	105,150	77	193	32%	14%	40%
Grand Total		6,656,334	3,445,603	999,315	961	1,698	52%	16%	1	6,329,104	3,101,730	956,790	853	1,564	49%	16%	55%

Appendix E.11 – Demographics

NEC FUTURE
A Rail Investment Plan for the Northeast Corridor

Demographics Effects Assessment Methodology

March 6, 2014
Version Final

Submitted by:

PARSONS BRINCKERHOFF AECOM
A JOINT VENTURE

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1. Demographics

1.1 INTRODUCTION

This methodology explains how the NEC FUTURE program will establish baseline demographic characteristics and demographic trends within the NEC FUTURE Study Area. The demographic data identified in this methodology is an input to other Tier 1 EIS resource areas such as economic effects, environmental justice, transportation, and indirect effects.

This methodology presents the regulatory framework, involved government agencies, regulatory and other outcomes of the Tier 1 EIS process, and relevance to Tier 2, project-level assessments. It also identifies data sources, metrics and methods to be used to document existing and forecast demographic conditions. This methodology is subject to revision as the NEC FUTURE program advances and new information is available.

1.2 DEFINITION

As defined by the NEC FUTURE program, demographics includes quantifiable characteristics of a defined population, such as age and racial composition, income, employment, auto ownership (relevant to transit dependency) and housing data.

1.3 RELATED RESOURCES

As a source resource area, the demographic assessment does not derive from other resource analyses. Demographics data and analysis is an input to related resources. Table 1 identifies those resources that rely on demographic data for their effects assessments.

Table 1: Demographics Information Used as Inputs to Related Resources

Related Resource	Demographic Information
Economic Effects	▪ Data on current and forecast population and economic characteristics (e.g., household income, employment) to evaluate the potential for economic shifts as a result of the Tier 1 EIS Alternatives.
Environmental Justice	▪ Data on socio-economic characteristics and racial composition to identify minority and low-income populations.
Indirect Effects	▪ Data on current and forecast population and economic characteristics to assess the potential for indirect effects, such as those resulting from induced growth as a result of the Tier 1 EIS Alternatives.
Transportation Effects	▪ Data on current and forecast population and economic characteristics as inputs to the travel demand modeling tasks for assessing existing and future transportation conditions under the Tier 1 EIS Alternatives.

Source: NEC FUTURE JV Team, 2013

1.4 REGULATORY FRAMEWORK AND GUIDANCE

Federal Railroad Administration (FRA) *Procedures for Considering Environmental Impacts (64 Federal Register 25454, May 1999)* require consideration of potential shifts in demographics and community disruption in an EIS. The NEC FUTURE program will consider these procedures, consistent with a Tier 1 level of assessment, in the evaluation of demographic effects.

1.4.1 Regulatory Compliance

No formal agency approvals are required for the development of demographic baseline data or the assessment of effects for demographics.

1.5 METHODOLOGY TO ASSESS EFFECTS

This methodology identifies the approach and assumptions for describing existing and forecasted demographic conditions and analyses of trends in that data. It identifies data sources, defines the Affected Environment considered for demographics and the approach for documenting baseline existing and forecast demographic conditions. The FRA will consider potential demographic effects in conjunction with other related resources including economic effects, environmental justice, transportation, and indirect effects. The effects assessment methodology for each of these resources is described in separate methodologies (see Economic Effects, Environmental Justice, Transportation, and Indirect Effects Assessment Methodologies).

1.5.1 Existing Conditions

The FRA will establish existing (2010) demographic conditions and forecast future (2040) conditions from data sources described in Table 2. The most recent year in which the Census was conducted is 2010, and the NEC FUTURE program planning horizon is 2040.

The FRA will document existing and forecast demographic conditions for an Affected Environment that includes the entire NEC FUTURE Study Area. The NEC FUTURE Study Area encompasses a broad geographic area stretching 457 miles from Washington, D.C., in the south to Boston, MA, in the north, and covering 50,000 square miles. FRA will compile existing and forecast demographic conditions by Metropolitan Statistical Area (MSA) and other counties or county equivalents (e.g., City of Baltimore) for that portion of each state within the Affected Environment. The demographic characteristics comparison will address the portion of each state within the Affected Environment, the state as a whole, and the Affected Environment as a whole.

The FRA will describe demographic changes between the base year (2010) and NEC FUTURE horizon year (2040) for demographic characteristics presented in Table 3. The FRA will use historic data (1980, 1990, 2000, and 2010) and interim-year forecast data (2020 and 2030) to assess past and projected demographic trends for a subset of demographic characteristics (i.e., population, age, employment, and population density) in 2040. This trend data will highlight, in ten year increments, where growth or decline has or is forecast to occur within these time periods.

Table 2: Data Sources for Establishing Demographic Characteristics

Topic	Data Source	Data Application
Population and Income		
Population	▪ US Department of Commerce, Census Bureau ▪ Moody's Analytics U.S. County Forecast	▪ 2010 population ▪ 1980—2040 historic and forecast population (on a decennial basis)
Minority	▪ US Department of Commerce, Census Bureau	▪ 2010 percent minority population
Low income	▪ US Department of Commerce, Census Bureau	▪ 2010 percent low-income population
Age	▪ US Department of Commerce, Census Bureau ▪ Moody's Analytics U.S. County Forecast	▪ 2010 population by age ▪ 1980—2040 historic and forecast population by age (on a decennial basis)
Population density	▪ US Department of Commerce, Census Bureau ▪ Moody's Analytics U.S. County Forecast	▪ 2010 population density in persons per square mile ▪ 1980—2040 historic and forecast population density in persons per square mile (on a decennial basis)
Median Household Income	▪ US Department of Commerce, Census Bureau ▪ Moody's Analytics U.S. County Forecast	▪ 2010 median household income
Housing Units		
Housing Units	▪ US Department of Commerce, Census Bureau	▪ 2010 total housing units
Vehicle Availability	▪ Profile of Selected Social Characteristics: 2006-2010 American Community Survey 5-Year Estimates	▪ 2010 percent housing units with No Vehicle available
Employment		
Employment	▪ Profile of Selected Social Characteristics: 2006-2010 American Community Survey 5-Year Estimates ▪ Moody's Analytics U.S. County Forecast	▪ 2010 number of jobs ▪ 1980—2040 historic and forecast number of jobs (on a decennial basis)
	▪ Profile of Selected Social Characteristics: 2006-2010 American Community Survey 5-Year Estimates ▪ Moody's Analytics U.S. County Forecast	▪ 2010 percent population aged 20-64 employed ▪ 2040 forecast percent population aged 20-64 employed
Unemployment	▪ Profile of Selected Social Characteristics: 2006-2010 American Community Survey 5-Year Estimates ▪ Moody's Analytics U.S. County Forecast	▪ 2010 percent labor force unemployed ▪ 2040 forecast percent labor force unemployed

Source: NEC FUTURE JV, 2013

Table 3: Characteristics Included in Establishing Baseline Demographic Conditions

Demographic Characteristics	2010	2040
Population	✓	✓
Percent minority population	✓	
Percent low-income population	✓	
Population by age [1]	✓	✓
Population density (persons per square mile)	✓	✓
Median household income	✓	✓
Total housing units	✓	
Percent housing units with 'no vehicle available'	✓	
Percent of Labor Force Unemployed	✓	✓

[1] Single age metric to be used in comparisons among states and regions will be selected during effects assessment process.

The FRA will compile trend data by MSAs and other counties or county equivalents for that portion of each state within the Affected Environment. FRA will compare the demographic trends for the portion of each state within the Affected Environment to demographic trends for the state as a whole, for the Affected Environment as a whole, and to the following states and three sub-regions:

- South Region: Washington, D.C., Maryland, Delaware, and Pennsylvania
- Central Region: New Jersey and New York
- North Region: Connecticut, Rhode Island, and Massachusetts

The states included in each sub-region have experienced similar overall growth patterns in recent years; organizing the trend analysis by sub-region helps to highlight similarities and differences across the Affected Environment. In addition, the proposed sub-regions roughly coincide with the organization to be used for the Economic Effects Assessment Methodology (see Economic Effects Assessment Methodology).

Since the Affected Environment is the entire Study Area it is not necessary to establish a broader 5-mile Context Area, as is done for most other resources.

1.5.2 Application of Demographics Data

As described above, demographics data is an input to effects assessments for related resources. For example, in the Economics Effects assessment, FRA will use demographic trend data, along with other economic variables, to analyze the effects of the Tier 1 EIS Alternatives on economic growth factors in various metropolitan areas, sub-regions and states (see Economic Effects Methodology). Current and future demographics data is also an important input to the travel demand forecasting process for the Transportation assessment (see Transportation Effects Assessment Methodology). FRA will also use demographics data to identify low income and minority communities and conduct the Environmental Justice assessment (see Environmental Justice Methodology). FRA will use current and forecast demographic trends to estimate induced growth and the indirect effects[1] of

[1] Indirect Effects are those that occur later in time or are further removed in distance (40 CFR § 1508.8)

that growth. The approach to assessing indirect effects is addressed in a separate methodology (see Indirect Effects Assessment Methodology). (*Note: specifics about the approach to estimating induced growth are subject to further FRA review and discussion with individual states*).

1.6 TIER 1 EIS OUTCOMES

The Tier 1 EIS demographics section will:

- Document current and forecast demographic conditions and trends for the Affected Environment.
- Discuss demographic trends (growth rate, changing patterns of population and employment, etc.) of the three sub-regions; compare these sub-regions to one another and the Affected Environment as a whole.

1.7 APPLICABILITY TO TIER 2 ASSESSMENTS

The FRA will use information obtained from the collection of current and forecast demographics data in the Tier 1 EIS to identify areas or municipalities where additional demographic data is required for subsequent Tier 2 level assessments.

Data Matrices

Demographic Data			Population							Population Density						
County	State	MSA	Population 1980 (Moody's)	Population 1990 (Moody's)	Population 2000 (Moody's)	Population 2010 (Census SF1)	Population 2020 (Moody's)	Population 2030 (Moody's)	Population 2040 (Moody's)	1980 Population Density (Moody's)	1990 Population Density (Moody's)	2000 Population Density (Moody's)	2010 Population Density (Census SF1)	2020 Population Density (Moody's)	2030 Population Density (Moody's)	2040 Population Density (Moody's)
Fairfield	CT	Bridgeport-Stamford-Norwalk, CT	808,320	828,853	884,355	916,829	948,560	971,938	998,433	1,253	1,284	1,371	1,421	1,470	1,506	1,547
Hartford	CT	Hartford-West Hartford-East Hartford, CT	808,588	852,563	858,408	894,014	912,445	929,193	945,160	1,077	1,136	1,144	1,191	1,216	1,238	1,259
Litchfield	CT		157,215	174,458	182,595	189,927	193,535	197,015	200,613	166	185	193	201	205	209	212
Middlesex	CT	Hartford-West Hartford-East Hartford, CT	129,253	143,513	155,590	165,676	169,960	173,653	177,195	338	376	407	434	445	455	464
New Haven	CT	New Haven-Milford, CT	761,730	805,363	824,903	862,477	879,328	897,820	915,098	1,230	1,301	1,332	1,393	1,420	1,450	1,478
New London	CT	Norwich-New London, CT	239,163	255,470	259,848	274,055	279,080	284,858	290,318	350	374	381	402	409	417	425
Tolland	CT	Hartford-West Hartford-East Hartford, CT	115,223	128,963	136,860	152,691	157,685	162,548	167,250	276	309	328	366	378	390	401
Windham	CT		92,480	102,755	109,185	118,428	125,033	131,505	138,158	177	197	209	227	240	252	265
Kent	DE	Dover, DE	98,283	111,633	127,225	162,310	181,105	200,445	216,938	164	187	213	271	303	335	363
New Castle	DE	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	398,593	443,768	501,830	538,479	579,130	626,945	673,583	919	1,023	1,157	1,241	1,336	1,446	1,553
District of Columbia	DC	Washington-Arlington-Alexandria, DC-VA-MD-WV	637,608	605,358	572,045	601,723	673,568	731,623	789,290	10,253	9,734	9,198	9,676	10,831	11,764	12,692
Anne Arundel	MD	Baltimore-Towson, MD	372,470	428,863	491,663	537,656	590,795	641,110	689,320	895	1,030	1,181	1,291	1,419	1,540	1,656
Baltimore County	MD	Baltimore-Towson, MD	656,050	694,755	755,590	805,029	842,555	875,460	905,930	1,078	1,141	1,241	1,323	1,384	1,438	1,488
Calvert	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	34,875	51,950	75,115	88,737	91,645	93,753	96,095	159	237	343	405	419	428	439
Carroll	MD	Baltimore-Towson, MD	96,918	124,078	151,450	167,134	169,510	170,920	171,923	214	275	335	370	375	378	380
Cecil	MD	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	60,633	71,863	86,445	101,108	110,170	120,573	130,833	169	201	241	282	308	337	365
Charles	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	73,453	101,748	121,225	146,551	161,298	173,558	185,823	159	220	263	318	349	376	403
Frederick	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	115,763	151,333	196,555	233,385	254,148	270,520	285,425	173	227	294	350	381	405	428
Harford	MD	Baltimore-Towson, MD	146,445	183,703	219,795	244,826	259,035	271,635	283,473	329	412	493	549	581	609	636
Howard	MD	Baltimore-Towson, MD	119,850	189,345	249,580	287,085	331,505	373,438	414,053	472	746	983	1,130	1,305	1,470	1,630
Kent	MD		16,708	17,870	19,253	20,197	21,015	21,873	22,740	59	63	68	72	75	78	81
Montgomery	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	581,978	765,445	877,458	971,777	1,076,430	1,163,290	1,242,540	1,149	1,512	1,733	1,919	2,126	2,297	2,454
Prince George's	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	665,683	725,878	803,095	863,420	887,520	904,345	923,485	1,364	1,488	1,646	1,770	1,819	1,853	1,893
Queen Anne's	MD	Baltimore-Towson, MD	25,685	34,080	40,763	47,798	53,155	58,140	62,943	69	91	109	128	142	155	168
St. Mary's	MD		60,188	76,355	86,498	105,151	123,938	142,158	160,463	164	207	235	286	337	386	436
Baltimore City	MD	Baltimore-Towson, MD	785,318	735,635	649,098	620,961	616,080	610,073	602,890	9,650	9,040	7,976	7,630	7,570	7,497	7,408
Barnstable	MA	Barnstable Town, MA	148,773	187,333	223,030	215,888	223,748	229,485	239,068	359	452	539	521	540	554	577
Berkshire	MA	Pittsfield, MA	145,023	139,425	134,770	131,219	131,095	129,375	127,848	153	147	142	139	139	137	135
Bristol	MA	Providence-New Bedford-Fall River, RI-MA	475,115	507,215	535,813	548,285	574,208	603,608	628,525	823	878	928	950	994	1,045	1,089
Dukes	MA		8,988	11,688	15,090	16,535	18,328	20,095	21,838	82	106	137	150	167	183	198
Essex	MA	Boston-Cambridge-Quincy, MA-NH	634,973	671,010	725,018	743,159	768,678	775,930	784,613	1,226	1,295	1,400	1,435	1,484	1,498	1,515
Franklin	MA	Springfield, MA	64,205	70,290	71,470	71,372	72,425	72,665	72,890	89	97	99	99	100	100	101
Hampden	MA	Springfield, MA	443,348	456,940	456,533	463,490	474,285	480,945	487,528	699	721	720	731	748	758	769
Hampshire	MA	Springfield, MA	139,033	146,828	152,365	158,080	162,793	166,283	169,773	255	269	279	290	298	305	311
Middlesex	MA	Boston-Cambridge-Quincy, MA-NH	1,368,060	1,399,320	1,467,240	1,503,085	1,564,300	1,577,340	1,592,930	1,615	1,652	1,733	1,775	1,847	1,863	1,881
Nantucket	MA		5,098	6,055	9,503	10,172	11,035	11,880	12,723	105	124	195	209	226	244	261
Norfolk	MA	Boston-Cambridge-Quincy, MA-NH	606,680	616,798	650,860	670,850	689,935	690,260	692,770	1,485	1,510	1,594	1,643	1,689	1,690	1,696
Plymouth	MA	Boston-Cambridge-Quincy, MA-NH	405,943	436,060	474,125	494,919	500,318	492,473	486,990	588	631	686	717	724	713	705
Suffolk	MA	Boston-Cambridge-Quincy, MA-NH	650,798	663,073	692,735	722,023	774,778	804,448	833,703	10,841	11,046	11,540	12,028	12,907	13,401	13,888
Worcester	MA	Worcester, MA	646,743	710,633	752,498	798,552	825,698	839,303	854,808	410	450	477	506	523	532	541
Hillsborough	NH	Manchester-Nashua, NH	278,193	336,770	382,153	400,721	407,935	415,740	424,105	312	377	428	449	457	466	475
Rockingham	NH	Boston-Cambridge-Quincy, MA-NH	191,360	246,718	278,593	295,223	309,983	323,738	338,005	268	345	390	413	434	453	473
Strafford	NH	Boston-Cambridge-Quincy, MA-NH	85,950	104,360	112,640	123,143	133,460	143,480	153,898	226	275	296	324	351	378	405
Atlantic	NJ	Atlantic City-Hammonton, NJ	194,560	225,425	253,670	274,549	282,510	290,415	305,830	343	398	448	485	499	512	540
Bergen	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	846,045	826,130	885,173	905,116	932,683	950,783	972,743	3,527	3,444	3,691	3,774	3,889	3,964	4,056
Burlington	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	363,623	396,170	424,445	448,734	462,525	479,380	499,503	444	484	518	548	565	586	610
Camden	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	472,778	503,520	506,710	513,657	524,458	538,633	556,253	2,081	2,216	2,230	2,260	2,308	2,370	2,448
Cape May	NJ	Ocean City, NJ	82,790	95,368	102,313	97,265	99,320	101,385	102,445	320	369	396	376	384	392	396
Cumberland	NJ	Vineland-Millville-Bridgeton, NJ	133,088	138,365	146,265	156,898	165,333	174,318	185,093	265	275	291	312	329	347	368
Essex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	848,613	778,583	792,250	783,969	794,575	805,398	823,223	6,637	6,089	6,196	6,131	6,214	6,299	6,438
Gloucester	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	200,568	231,123	256,520	288,288	312,470	339,220	369,208	612	705	782	879	953	1,034	1,126
Hudson	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	558,478	554,280	610,125	634,266	678,383	715,380	754,348	11,857	11,768	12,954	13,466	14,403	15,189	16,016
Hunterdon	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	87,735	108,128	122,575	128,349	128,763	129,070	130,525	200	247	280	293	294	295	298
Mercer	NJ	Trenton-Ewing, NJ	307,753	326,470	351,460	366,513	380,408	395,935	418,613	1,344	1,426	1,535	1,601	1,662	1,730	1,829
Middlesex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	597,215	673,460	752,865	809,858	869,890	933,760	1,025,790	1,902	2,145	2,398	2,580	2,771	2,974	3,267
Monmouth	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	504,103	554,203	616,843	630,380	645,915	663,505	699,453	1,056	1,161	1,292	1,321	1,353	1,390	1,465
Morris	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	408,348	421,800	471,323	492,276	513,945	534,353	559,803	849	877	980	1,023	1,068	1,111	1,164
Ocean	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	348,150	434,613	513,595	576,567	621,205	668,220	735,525	540	675	797	895	964	1,037	1,142
Passaic	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	448,445	470,923	490,728	501,226	509,753	514,645	521,805	2,271	2,385	2,485	2,538	2,581	2,606	2,642
Salem	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	64,653	65,385	64,178	66,083	67,595	69,975	72,075	186	188	184	190	194	201	207
Somerset	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	203,713	241,450	298,758	323,444	347,485	373,010	409,803	668	792	980	1,061	1,140	1,223	1,344
Sussex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	116,653	131,340	144,713	149,265	146,735	144,513	144,210	218	245	270	279	274	270	269
Union	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	504,328	494,140	523,118	536,499	567,520	599,115	636,453	4,849	4,751	5,029	5,158	5,456	5,760	6,119
Warren	NJ	Allentown-Bethlehem-Easton, PA-NJ	84,638	91,980	102,900	108,692	107,380	106,005	104,150	233	253	284	300	296	292	287
Albany	NY	Albany-Schenectady-Troy, NY	286,273	292,953	295,103	304,204	302,310	302,080	305,745	537	549	553	571	567	567	573

Demographic Data			Population							Population Density						
County	State	MSA	Population 1980 (Moody's)	Population 1990 (Moody's)	Population 2000 (Moody's)	Population 2010 (Census SF1)	Population 2020 (Moody's)	Population 2030 (Moody's)	Population 2040 (Moody's)	1980 Population Density (Moody's)	1990 Population Density (Moody's)	2000 Population Density (Moody's)	2010 Population Density (Census SF1)	2020 Population Density (Moody's)	2030 Population Density (Moody's)	2040 Population Density (Moody's)
Bronx	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	1,167,540	1,207,060	1,334,300	1,385,108	1,437,110	1,476,930	1,522,280	27,766	28,705	31,731	32,940	34,176	35,123	36,202
Columbia	NY		59,615	63,048	63,045	63,096	61,955	61,080	60,410	92	97	97	97	96	94	93
Dutchess	NY	Poughkeepsie-Newburgh-Middletown, NY	245,395	260,233	280,910	297,488	304,053	308,225	315,440	297	315	340	361	368	373	382
Greene	NY		40,895	44,848	47,985	49,221	49,800	50,270	50,805	62	68	73	75	76	76	77
Kings	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	2,231,860	2,303,690	2,466,990	2,504,700	2,647,370	2,759,980	2,881,360	31,966	32,995	35,334	35,874	37,917	39,530	41,268
Nassau	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	1,320,990	1,286,910	1,336,710	1,339,532	1,357,100	1,375,050	1,414,590	4,585	4,466	4,639	4,649	4,710	4,772	4,910
New York	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	1,427,150	1,487,080	1,540,530	1,585,873	1,627,730	1,645,410	1,670,510	62,622	65,251	67,597	69,586	71,423	72,199	73,300
Orange	NY	Poughkeepsie-Newburgh-Middletown, NY	260,615	308,793	342,885	372,813	389,910	403,255	420,558	311	369	409	445	465	481	502
Putnam	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	77,453	84,220	96,048	99,710	99,490	98,305	97,645	315	342	390	405	404	400	397
Queens	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	1,892,970	1,957,250	2,230,490	2,230,722	2,326,000	2,399,140	2,480,800	17,327	17,915	20,416	20,419	21,291	21,960	22,708
Rensselaer	NY	Albany-Schenectady-Troy, NY	152,075	154,678	152,683	159,429	162,420	166,220	172,213	229	232	229	240	244	250	259
Richmond	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	353,073	380,550	445,230	468,730	484,275	495,348	508,395	6,072	6,544	7,657	8,061	8,328	8,518	8,743
Rockland	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	259,578	265,980	287,718	311,687	336,818	357,980	380,063	1,453	1,489	1,611	1,745	1,886	2,004	2,128
Saratoga	NY	Albany-Schenectady-Troy, NY	154,145	182,250	201,510	219,607	231,235	243,690	259,420	183	216	239	260	274	289	308
Schenectady	NY	Albany-Schenectady-Troy, NY	149,978	149,518	146,583	154,727	160,923	167,915	177,150	715	713	699	738	767	800	844
Schoharie	NY	Albany-Schenectady-Troy, NY	29,725	31,935	31,515	32,749	32,285	32,030	32,215	47	51	50	52	52	51	51
Suffolk	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	1,285,640	1,322,680	1,424,060	1,493,350	1,519,930	1,545,530	1,595,480	1,391	1,431	1,540	1,615	1,644	1,672	1,726
Ulster	NY	Kingston, NY	158,175	166,045	177,810	182,493	185,513	187,540	192,615	136	143	153	157	160	161	166
Westchester	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	866,920	875,575	925,503	949,113	981,728	1,004,140	1,030,500	1,929	1,948	2,059	2,112	2,184	2,234	2,293
Adams	PA		68,563	78,793	91,455	101,407	109,638	117,320	125,160	132	151	175	195	210	225	240
Berks	PA	Reading, PA	313,200	337,803	374,540	411,442	457,015	514,908	580,150	362	390	433	475	528	595	670
Bucks	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	481,288	543,075	599,078	625,249	625,540	619,230	609,170	774	873	963	1,005	1,005	995	979
Carbon	PA	Allentown-Bethlehem-Easton, PA-NJ	53,400	56,978	58,808	65,249	68,670	72,003	74,838	138	147	152	168	177	186	193
Chester	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	318,135	377,820	435,295	498,886	536,835	566,090	589,463	419	497	573	657	706	745	776
Cumberland	PA	Harrisburg-Carlisle, PA	180,105	195,948	213,905	235,406	253,158	269,093	286,253	327	356	388	427	460	489	520
Dauphin	PA	Harrisburg-Carlisle, PA	232,970	238,575	251,910	268,100	278,073	287,168	297,883	418	428	451	481	498	515	534
Delaware	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	554,603	548,030	551,535	558,979	555,503	547,115	535,583	2,994	2,959	2,978	3,018	2,999	2,954	2,891
Lancaster	PA	Lancaster, PA	363,643	424,928	471,950	519,445	564,395	612,095	657,813	370	432	480	528	574	622	669
Lebanon	PA	Lebanon, PA	108,920	114,105	120,310	133,568	140,010	145,648	151,565	300	315	332	368	386	402	418
Lehigh	PA	Allentown-Bethlehem-Easton, PA-NJ	272,933	291,940	312,365	349,497	383,985	416,758	446,483	784	838	897	1,004	1,103	1,197	1,282
Monroe	PA		69,698	96,878	139,703	169,842	194,780	217,955	241,523	113	157	226	275	316	353	391
Montgomery	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	644,705	680,050	751,325	799,874	822,195	835,718	842,518	1,323	1,395	1,542	1,641	1,687	1,715	1,729
Northampton	PA	Allentown-Bethlehem-Easton, PA-NJ	225,790	247,888	267,738	297,735	315,895	333,280	348,323	598	657	709	789	837	883	923
Perry	PA	Harrisburg-Carlisle, PA	35,830	41,325	43,635	45,969	46,773	47,468	48,458	64	74	79	83	84	85	87
Philadelphia	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	1,684,180	1,584,330	1,514,570	1,526,006	1,573,040	1,603,860	1,621,290	11,965	11,256	10,760	10,841	11,175	11,394	11,518
Pike	PA	New York-Northern New Jersey-Long Island, NY-NJ-PA	18,380	28,755	46,380	57,369	60,185	63,013	66,475	32	51	82	101	106	111	117
Schuylkill	PA		160,540	152,740	149,995	148,289	145,300	143,748	142,825	205	195	192	190	186	184	182
York	PA	York-Hanover, PA	313,778	340,798	382,738	434,972	465,468	501,795	527,385	345	374	420	478	511	551	579
Bristol	RI	Providence-New Bedford-Fall River, RI-MA	46,828	48,915	50,695	49,875	49,695	51,135	52,545	1,886	1,970	2,042	2,009	2,001	2,059	2,116
Kent	RI	Providence-New Bedford-Fall River, RI-MA	154,218	161,458	167,513	166,158	166,150	169,480	173,228	886	927	962	954	954	973	995
Newport	RI	Providence-New Bedford-Fall River, RI-MA	81,638	87,523	85,733	82,888	83,380	85,255	87,125	755	809	793	766	771	788	806
Providence	RI	Providence-New Bedford-Fall River, RI-MA	572,330	597,700	622,370	626,667	639,540	658,958	675,778	1,331	1,390	1,447	1,457	1,487	1,532	1,572
Washington	RI	Providence-New Bedford-Fall River, RI-MA	93,583	110,385	123,940	126,979	129,638	133,163	135,740	268	316	354	363	371	381	388
Arlington	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	153,338	171,035	189,195	207,627	255,908	299,023	340,865	5,875	6,553	7,249	7,955	9,805	11,457	13,060
Clarke	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	10,008	12,070	12,670	14,034	14,735	15,185	15,668	56	68	71	79	83	85	88
Fairfax County'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	631,468	850,448	1,007,490	1,081,726	1,246,090	1,361,820	1,476,160	N/A	N/A	N/A	2,722	N/A	N/A	N/A
Fauquier	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	36,075	48,868	55,465	65,203	69,503	72,798	76,200	55	75	85	100	107	112	117
King George	VA		10,553	13,595	16,915	23,584	29,860	35,935	42,120	57	74	92	128	162	195	228
Loudoun	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	57,780	87,133	173,883	312,311	420,948	519,013	613,840	111	167	334	599	807	996	1,177
Prince William*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	168,578	251,385	329,768	402,002	580,813	694,735	805,020	N/A	N/A	N/A	1,178	N/A	N/A	N/A
Spotsylvania^	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	122,397	N/A	N/A	N/A	N/A	N/A	N/A	297	N/A	N/A	N/A
Stafford	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	40,735	62,545	93,618	128,961	151,090	170,560	189,628	149	229	342	471	552	623	693
Warren	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	21,268	26,293	31,688	37,575	39,943	41,915	43,950	98	122	146	174	185	194	203
Alexandria	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	103,568	111,405	129,223	139,966	166,575	190,525	213,843	6,791	7,305	8,474	9,178	10,923	12,493	14,023
Falls Church'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	12,332	N/A	N/A	N/A	N/A	N/A	N/A	6,197	N/A	N/A	N/A
Fredericksburg^	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	50,143	78,170	110,843	24,286	166,375	182,935	199,318	N/A	N/A	N/A	2,306	N/A	N/A	N/A
Manassas*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	37,821	N/A	N/A	N/A	N/A	N/A	N/A	3,786	N/A	N/A	N/A
Manassas Park*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	14,273	N/A	N/A	N/A	N/A	N/A	N/A	5,575	N/A	N/A	N/A
Fairfax City'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	22,565	N/A	N/A	N/A	N/A	N/A	N/A	3,582	N/A	N/A	N/A

(*)Prince William VA (combined in Moody's data)
(^)Fredericksburg VA (combined in Moody's data)
(')Fairfax VA (combined in Moody's data)

Demographic Data			Age																				
County	State	MSA	1980 Population Aged 0-24 (Moody's)	1990 Population Aged 0-24 (Moody's)	2000 Population Aged 0-24 (Moody's)	2010 Population Aged 0-24 (Census SF1)	2020 Population Aged 0-24 (Moody's)	2030 Population Aged 0-24 (Moody's)	2040 Population Aged 0-24 (Moody's)	1980 Population Aged 25-64 (Moody's)	1990 Population Aged 25-64 (Moody's)	2000 Population Aged 25-64 (Moody's)	2010 Population Aged 25-64 (Census SF1)	2020 Population Aged 25-64 (Moody's)	2030 Population Aged 25-64 (Moody's)	2040 Population Aged 25-64 (Moody's)	1980 Population Aged 65 & Over (Moody's)	1990 Population Aged 65 & Over (Moody's)	2000 Population Aged 65 & Over (Moody's)	2010 Population Aged 65 & Over (Census SF1)	2020 Population Aged 65 & Over (Moody's)	2030 Population Aged 65 & Over (Moody's)	2040 Population Aged 65 & Over (Moody's)
Fairfield	CT	Bridgeport-Stamford-Norwalk, CT	304,633	267,063	287,864	299,120	295,978	298,175	304,288	410,880	451,920	479,068	493,634	497,855	479,135	471,183	92,813	109,868	117,425	124,075	154,725	194,630	222,958
Hartford	CT	Hartford-West Hartford-East Hartford, CT	309,780	281,371	278,105	283,264	275,623	278,435	285,408	401,878	451,556	454,595	480,631	483,083	465,993	458,143	96,923	119,638	125,708	130,119	153,748	184,770	201,613
Litchfield	CT		58,290	55,743	55,275	53,720	47,645	40,540	33,420	78,283	94,183	101,370	105,865	110,173	117,008	125,820	20,640	24,533	25,948	30,342	35,720	39,463	41,370
Middlesex	CT	Hartford-West Hartford-East Hartford, CT	48,878	46,058	47,426	47,924	45,163	43,510	42,003	65,060	78,683	87,015	92,131	89,698	82,298	76,950	15,320	18,773	21,153	25,621	35,100	47,835	58,248
New Haven	CT	New Haven-Milford, CT	292,453	269,726	273,408	278,666	267,515	268,008	272,238	371,900	417,770	432,163	459,839	459,523	438,478	425,518	97,378	117,863	119,338	123,972	152,293	191,333	217,340
New London	CT	Norwich-New London, CT	100,838	90,613	85,706	86,434	83,098	83,193	84,465	113,705	134,391	140,338	148,626	147,558	140,800	136,768	24,620	30,465	33,803	38,995	48,420	60,870	69,088
Tolland	CT	Hartford-West Hartford-East Hartford, CT	51,663	49,918	49,300	55,516	54,080	53,563	53,878	54,950	67,515	73,558	78,955	77,540	71,943	67,110	8,608	11,538	14,005	18,220	26,065	37,045	46,260
Windham	CT		38,733	37,626	37,875	39,030	36,973	33,973	30,198	42,635	52,248	57,818	64,183	70,218	77,638	86,793	11,118	12,880	13,485	15,215	17,850	19,898	21,170
Kent	DE	Dover, DE	44,843	43,794	47,564	58,162	61,428	66,025	70,098	44,888	56,326	64,795	82,166	87,920	89,488	92,293	8,553	11,513	14,868	21,982	31,755	44,938	54,555
New Castle	DE	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	166,730	161,128	176,840	183,835	188,843	201,370	214,065	194,143	232,290	266,898	288,422	300,445	303,638	314,600	37,720	50,353	58,095	66,222	89,845	121,938	144,923
District of Columbia	DC	Washington-Arlington-Alexandria, DC-VA-MD-WV	239,318	196,386	187,626	187,830	196,418	217,170	235,430	324,093	331,968	314,695	345,084	401,880	439,573	488,613	74,203	77,005	69,723	68,809	75,270	74,883	65,255
Anne Arundel	MD	Baltimore-Towson, MD	157,420	152,798	163,964	173,730	184,888	200,475	213,133	189,633	237,935	278,598	300,262	313,705	315,315	325,498	25,423	38,133	49,103	63,664	92,198	125,320	150,693
Baltimore County	MD	Baltimore-Towson, MD	243,820	221,556	243,311	258,825	269,800	295,013	321,753	342,228	376,140	401,801	428,728	438,328	432,603	438,243	70,005	97,063	110,478	117,476	134,423	147,845	145,935
Calvert	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	15,055	19,305	27,053	30,359	29,003	28,188	26,945	16,925	28,055	41,401	48,695	48,813	47,795	49,103	2,895	4,585	6,665	9,683	13,833	17,773	20,050
Carroll	MD	Baltimore-Towson, MD	39,515	44,694	52,571	55,152	52,038	49,733	46,665	48,330	66,746	82,548	90,173	86,388	80,993	80,100	9,070	12,635	16,338	21,809	31,080	40,193	45,165
Cecil	MD	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	25,960	26,979	30,413	34,023	35,163	37,138	39,015	29,085	37,473	46,998	55,210	57,180	57,085	58,003	5,590	7,410	9,035	11,875	17,830	26,355	33,810
Charles	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	34,615	40,901	43,991	51,603	55,313	59,188	61,698	34,773	54,271	67,763	81,096	85,238	86,648	91,540	4,065	6,570	9,470	13,852	20,748	27,725	32,588
Frederick	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	48,683	55,978	68,821	78,392	81,278	84,345	85,273	56,748	81,053	108,760	129,079	136,363	138,170	144,303	10,330	14,308	18,973	25,914	36,513	48,003	55,848
Harford	MD	Baltimore-Towson, MD	63,690	67,950	76,110	80,582	79,835	81,053	80,968	73,273	100,591	121,273	133,680	135,178	131,328	132,250	9,490	15,163	22,410	30,564	44,020	59,253	70,260
Howard	MD	Baltimore-Towson, MD	48,718	66,216	85,643	95,450	105,790	116,348	124,095	64,943	111,633	145,241	162,590	174,563	175,913	178,175	6,195	11,503	18,700	29,045	51,158	81,178	111,788
Kent	MD		6,415	6,011	6,088	6,085	5,743	5,365	4,940	7,750	8,860	9,433	9,715	9,893	10,168	10,508	2,533	2,998	3,730	4,397	5,375	6,343	7,293
Montgomery	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	218,240	250,101	282,878	306,588	332,263	363,655	392,043	312,270	436,768	495,878	545,420	585,223	598,700	621,175	51,470	78,585	98,708	119,769	158,950	200,938	229,333
Prince George's	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	296,578	274,526	298,096	307,052	302,655	310,235	316,593	332,250	401,741	442,556	474,855	471,635	449,265	439,910	36,858	49,613	62,445	81,513	113,230	144,840	166,980
Queen Anne's	MD	Baltimore-Towson, MD	9,770	11,116	12,761	14,739	16,028	17,210	17,980	12,803	18,595	22,748	25,918	26,123	25,528	26,198	3,105	4,365	5,255	7,141	11,005	15,398	18,765
St. Mary's	MD		28,760	30,931	31,906	38,023	41,203	42,478	42,080	27,360	39,143	46,738	56,347	68,380	81,573	96,540	4,063	6,290	7,848	10,781	14,365	18,105	21,845
Baltimore City	MD	Baltimore-Towson, MD	319,523	265,283	231,606	211,670	197,783	196,713	194,065	365,058	370,508	332,013	336,479	344,885	341,298	346,190	100,743	99,840	85,483	72,812	73,413	72,055	62,638
Barnstable	MA	Barnstable Town, MA	48,643	53,216	57,260	51,346	49,055	48,653	49,948	69,153	92,948	114,406	110,663	108,025	99,203	95,925	30,980	41,170	51,365	53,879	66,663	81,633	93,195
Berkshire	MA	Pittsfield, MA	55,763	46,806	41,436	37,970	35,400	34,263	33,690	68,240	69,078	69,135	68,863	65,983	59,533	55,278	21,023	23,550	24,195	24,386	29,713	35,588	38,875
Bristol	MA	Providence-New Bedford-Fall River, RI-MA	188,680	178,720	177,888	174,631	171,790	176,560	180,570	224,078	255,326	282,413	295,775	301,973	296,485	296,128	62,353	73,168	75,510	77,879	100,445	130,570	151,825
Dukes	MA		2,795	3,411	4,238	4,158	3,970	3,443	2,688	4,540	6,446	8,671	9,678	10,933	12,720	15,133	1,658	1,830	2,185	2,699	3,425	3,928	4,015
Essex	MA	Boston-Cambridge-Quincy, MA-NH	243,280	225,013	237,176	237,190	233,123	233,550	236,340	306,920	351,476	387,488	400,886	401,805	376,998	362,320	84,770	94,513	100,358	105,083	133,753	165,380	185,955
Franklin	MA	Springfield, MA	24,195	23,563	22,396	19,953	17,298	15,580	14,128	31,328	36,578	38,908	40,541	40,315	37,380	35,025	8,678	10,150	10,170	10,878	14,818	19,715	23,735
Hampden	MA	Springfield, MA	176,565	164,151	160,778	158,789	156,718	160,113	164,843	208,733	225,421	229,606	238,956	237,795	225,040	218,480	58,058	67,370	66,150	65,745	79,768	95,798	104,210
Hampshire	MA	Springfield, MA	64,218	61,129	59,281	60,398	58,863	58,230	58,578	60,910	68,685	74,703	77,660	76,795	71,990	68,105	13,908	17,013	18,383	20,022	27,130	36,063	43,093
Middlesex	MA	Boston-Cambridge-Quincy, MA-NH	536,365	460,181	460,378	463,729	456,903	458,240	464,298	672,778	764,193	819,418	842,341	856,145	807,638	777,798	158,920	174,938	187,438	197,015	251,243	311,463	350,840
Nantucket	MA		1,583	1,730	2,546	2,744	2,890	2,910	2,810	2,638	3,508	5,963	6,201	6,568	7,078	7,773	875	818	993	1,227	1,578	1,893	2,135
Norfolk	MA	Boston-Cambridge-Quincy, MA-NH	230,880	195,423	198,001	206,612	206,873	212,493	221,100	298,735	335,168	359,133	366,934	364,035	336,498	318,968	77,065	86,208	93,730	97,304	119,033	141,273	152,700
Plymouth	MA	Boston-Cambridge-Quincy, MA-NH	171,448	158,938	160,776	159,117	147,868	137,038	126,143	191,758	227,023	257,351	266,956	253,088	219,888	195,615	42,738	50,113	56,000	68,846	99,358	135,548	165,235
Suffolk	MA	Boston-Cambridge-Quincy, MA-NH	263,218	240,393	245,526	256,299	252,773	260,715	272,688	302,770	343,128	370,761	389,998	429,850	434,565	443,010	84,815	79,558	76,453	75,726	92,153	109,170	118,005
Worcester	MA	Worcester, MA	261,453	253,085	256,066	263,875	260,188	263,128	268,695	301,815	360,468	398,418	432,642	435,423	413,698	401,830	83,475	97,078	98,018	102,035	130,088	162,480	184,285
Hillsborough	NH	Manchester-Nashua, NH	115,250	120,161	129,936	128,526	122,893	124,873	127,970	134,468	182,060	211,623	224,668	220,980	210,083	207,400	28,478	34,550	40,598	47,527	64,060	80,793	88,735
Rockingham	NH	Boston-Cambridge-Quincy, MA-NH	78,273	86,018	90,888	88,971	86,485	87,995	89,908	95,138	138,063	159,445	168,828	168,550	162,225	162,643	17,955	22,638	28,263	37,424	54,953	73,520	85,453
Strafford	NH	Boston-Cambridge-Quincy, MA-NH	39,285	41,218	42,051	44,150	45,853	50,625	56,560	37,800	52,035	57,953	64,348	68,783	70,603	74,568	8,863	11,103	12,643	14,645	18,825	22,245	22,773
Atlantic	NJ	Atlantic City-Hammonton, NJ	73,778	75,701	84,448	89,377	87,728	87,825	90,708	89,985	117,323	134,711	146,270	146,728	142,640	145,133	30,803	32,403	34,508	38,902	48,058	59,948	69,993
Bergen	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	292,788	243,354	262,046	271,658	276,270	291,435	311,198	447,275	456,473	488,295	496,355	491,075	461,313	443,715	105,985	126,298	134,838	137,103	165,340	198,033	217,830
Burlington	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	156,298	140,971	138,366	141,380	139,123	140,668	143,493	178,258	212,856	232,703	245,164	244,313	236,718	235,925	29,063	42,333	53,375	62,190	79,095	101,990	120,088
Camden	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	193,673	182,741	176,733	171,580	166,820	167,880	171,195	229,505	259,676	266,276	276,352	279,768	276,525	280,130	49,600	61,103	63,708	65,725	77,875	94,233	104,920
Cape May	NJ	Ocean City, NJ	28,438	29,313	29,443	26,085	24,735	24,173	23,723	37,523	46,940	52,223	50,203	49,355	46,478	44,598	16,830	19,115	20,653	20,977	25,235	30,740	34,128
Cumberland	NJ	Vineland-Millville-Bridgeton, NJ	55,310	50,206	49,619	52,673	53,248	54,820	57,213	62,165	69,583	77,630	84,430	87,108	87,433	90,008	15,618	18,588	19,013	19,795	24,975	32,068	37,868
Essex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	338,930	276,063	279,836	269,044	262,388	261,420	264,020	410,863	405,160	418,233	424,638	429,500	426,518	435,180	98,823	97,363	94,178	90,287	102,685	117,458	124,025
Gloucester	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	86,228	85,651	90,528	97,246	99,710	105,260	112,065	96,450	120,671	136,148	155,343	165,405	170,573	179,488	17,893	24,803	29,843	35,699	47,355	63,393	77,655
Hudson	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	214,040	185,681	201,596	194,811	189,700	192,780	198,240	274,248	298,883	339,423	373,389	411,093	431,340	456,918	70,188	69,720	69,105	66,066	77,593	91,258	99,193
Hunterdon	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	34,418	35,298	38,663	39,129	36,408	34,365	32,780	45,168	62,585	71,596	72,876	69,223	63,003	58,778	8,148	10,243	12,320	16,344	23,128	31,700	38,965
Mercer	NJ	Trenton-Ewing, NJ	120,880	112,673	120,395	123,027	121,975	124,008	128,943	151,543	171,700	186,825	197,139	200,288	198,265	203,120	35,338	42,095	44,238	46,347	58,143	73,665	86,543
Middlesex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	240,860	226,951	249,795	268,343	273,840	285,303	305,920	303,018	367,638	410,271	442,053	470,695	488,600	528,363	53,340	78,868	92,798	99,462	125,358	159,860	191,500
Monmouth	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	197,650	185,611	203,238	199,663	185,393	174,605	168,568	246,655	298,188	336,536	344,026	345,395	335,263	340,195	59,803	70,405	77,073	86,691	115,130	153,645	190,695
Morris	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	160,398	137,591	146,896	152,524	151,985	152,835	155,035	211,895	239,650	269,633	271,597	267,460	252,348	244,583	36,063	44,565	54,803	68,155	94,500	129,173	160,195
Ocean	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	122,088	133,048	153,616	178,214	192,523	212,090	240,945	153,543	201,138	246,528	277,249	285,645	284,133	299,660	72,515	100,425	113,458	121,104	143,038	172,000	194,928
Passaic	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	177,258	168,743	174,459	176,420	175,383	179,963	185,648	217,790	243,508	257,333	264,482	258,755	240,708	228,830	53,398	58,673	58,945	60,324	75,618	93,973	107,330
Salem	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	26,115	22,656	21,511	20,940	20,530	20,888	21,310	30,948	33,211	33,388	35,226	34,745	33,510	33,403	7,590	9,523	9,280	9,917	12,318	15,578	17,360
Somerset	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	76,768	74,038	93,801	101,886	104,375	108,515	116,355	108,500	141,398	171,453	181,556	187,070	185,900	191,375	18,453	26,015	33,505	40,002	56,033	78,595	102,070
Sussex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	48,043	47,521	49,403	47,062	40,218	34,355	29,305	58,420	72,130	82,105	84,353	79,648	70,940	63,863	10,195	11,690	13,203	17,850	26,870	39,223	51,043
Union	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	180,763	156,686	171,641	177,137	184,418	196,863	212,490	258,555	263,633	279,620	291,601	307,345	316,678	334,913	65,010	73,825	71,860	67,761	75,758	85,575	89,050
Warren	NJ	Allentown-Bethlehem-Easton, PA-NJ	33,073	30,963	33,343	34,243	31,170	29,010	26,900	41,325	48,908	56,320	59,157	55,750	50,590	47,438	10,243	12,103	13,240	15,292	20,458	26,400	29,810
Albany	NY	Albany-Schenectady-Troy, NY	112,193	102,373	99,973	100,825	95,528	95,575	97,750	135,360	147,826	152,630	161,065	158,085	150,510	148,125	38,723	42,755	42,503	42,314	48,693	55,998	59,870

Demographic Data			Age																			
County	State	MSA	1980 Population Aged 0-24 (Moody's)	1990 Population Aged 0-24 (Moody's)	2000 Population Aged 0-24 (Moody's)	2010 Population Aged 0-24 (Census SF1)	2020 Population Aged 0-24 (Moody's)	2030 Population Aged 0-24 (Moody's)	2040 Population Aged 0-24 (Moody's)	1980 Population Aged 25-64 (Moody's)	1990 Population Aged 25-64 (Moody's)	2000 Population Aged 25-64 (Moody's)	2010 Population Aged 25-64 (Census SF1)	2020 Population Aged 25-64 (Moody's)	2030 Population Aged 25-64 (Moody's)	2040 Population Aged 25-64 (Moody's)	1980 Population Aged 65 & Over (Moody's)	1990 Population Aged 65 & Over (Moody's)	2000 Population Aged 65 & Over (Moody's)	2010 Population Aged 65 & Over (Census SF1)	2020 Population Aged 65 & Over (Moody's)	2030 Population Aged 65 & Over (Moody's)	2040 Population Aged 65 & Over (Moody's)
Bronx	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	485,930	477,331	538,769	529,526	526,305	535,353	545,413	530,698	591,928	661,511	709,700	720,048	695,505	686,895	150,918	137,800	134,023	145,882	190,758	246,078	289,975
Columbia	NY		21,905	20,636	19,186	17,493	14,823	12,368	10,243	28,260	32,141	33,496	34,140	33,903	34,150	34,813	9,450	10,265	10,368	11,463	13,230	14,563	15,358
Dutchess	NY	Poughkeepsie-Newburgh-Middletown, NY	98,833	91,365	96,768	98,539	93,620	92,505	92,755	119,350	139,253	150,280	158,645	158,943	151,793	149,155	27,213	29,620	33,860	40,304	51,488	63,933	73,533
Greene	NY		15,233	14,815	15,596	14,159	12,393	10,538	8,805	18,723	22,935	24,858	26,548	27,643	28,985	30,573	6,943	7,093	7,535	8,514	9,768	10,748	11,433
Kings	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	898,313	861,673	915,231	859,633	834,268	841,073	857,748	1,053,670	1,162,450	1,268,490	1,357,434	1,470,240	1,509,980	1,572,150	279,880	279,568	283,265	287,633	342,873	408,933	451,455
Nassau	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	493,330	409,763	427,208	424,346	411,575	418,518	436,428	686,178	694,630	708,143	710,505	710,943	689,018	691,560	141,488	182,518	201,365	204,681	234,570	267,520	286,595
New York	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	415,093	403,123	416,478	415,151	384,065	373,175	363,823	808,060	890,385	936,753	956,569	962,215	902,738	862,618	203,998	193,570	187,295	214,153	281,453	369,498	444,070
Orange	NY	Poughkeepsie-Newburgh-Middletown, NY	110,158	118,643	129,268	137,673	139,175	143,843	150,020	122,193	158,181	178,293	194,155	198,355	194,785	196,523	28,268	31,970	35,320	40,985	52,380	64,625	74,015
Putnam	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	31,953	29,554	31,485	30,937	27,890	25,090	22,243	38,153	47,143	55,365	56,356	52,263	45,035	39,230	7,343	7,525	9,200	12,417	19,335	28,175	36,175
Queens	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	645,740	615,566	722,601	679,607	666,138	681,475	703,945	965,455	1,057,320	1,224,790	1,264,969	1,311,590	1,293,700	1,299,500	281,768	284,363	283,095	286,146	348,278	423,973	477,355
Rensselaer	NY	Albany-Schenectady-Troy, NY	63,788	56,936	52,449	52,423	50,090	51,063	53,085	69,300	77,346	79,513	85,399	86,248	83,623	83,735	18,985	20,395	20,723	21,607	26,078	31,535	35,398
Richmond	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	142,593	135,143	151,741	153,538	150,425	151,213	151,803	175,138	203,205	241,868	255,848	252,620	234,988	222,795	35,338	42,205	51,620	59,344	81,228	109,145	133,803
Rockland	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	108,318	96,190	103,290	115,107	125,038	136,293	146,688	129,050	142,921	150,431	154,739	152,533	140,083	131,460	22,210	26,868	34,003	41,841	59,248	81,618	101,918
Saratoga	NY	Albany-Schenectady-Troy, NY	65,573	65,766	66,036	67,212	64,715	64,070	63,360	74,430	97,653	112,326	122,401	122,535	117,313	115,750	14,145	18,833	23,155	29,994	43,983	62,300	80,310
Schenectady	NY	Albany-Schenectady-Troy, NY	55,295	48,991	47,261	49,801	50,633	54,603	59,935	72,960	75,798	74,993	81,843	84,263	84,063	86,655	21,720	24,725	24,333	23,083	26,025	29,255	30,560
Schoharie	NY	Albany-Schenectady-Troy, NY	12,985	12,166	10,896	10,305	9,133	8,565	8,233	12,855	15,273	15,920	17,224	16,655	15,425	14,755	3,878	4,503	4,703	5,220	6,495	8,038	9,230
Suffolk	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	550,475	469,070	479,286	487,533	466,103	459,488	458,793	618,630	712,253	776,395	804,024	787,063	742,078	725,748	116,543	141,355	168,373	201,793	266,763	343,963	410,938
Ulster	NY	Kingston, NY	61,935	56,001	57,351	55,044	52,243	52,100	53,045	75,783	88,608	96,798	100,405	99,348	94,193	92,675	20,463	21,430	23,670	27,044	33,920	41,253	46,893
Westchester	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	311,303	275,780	297,739	304,987	309,538	322,895	339,820	441,090	474,571	498,518	505,004	495,858	460,910	438,913	114,530	125,220	129,245	139,122	176,333	220,333	251,770
Adams	PA		28,988	28,561	31,210	32,297	30,833	27,995	24,300	31,743	39,533	47,518	53,156	58,703	65,368	73,673	7,835	10,700	12,723	15,954	20,100	23,965	27,188
Berks	PA	Reading, PA	115,825	112,624	125,306	139,216	147,880	164,973	185,233	152,958	172,603	193,040	212,668	229,015	241,570	263,178	44,418	52,578	56,200	59,558	80,123	108,363	131,740
Bucks	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	201,410	188,921	195,560	190,847	173,365	158,628	142,253	240,985	294,903	329,145	343,183	322,730	285,185	259,438	38,890	59,255	74,375	91,219	129,443	175,423	207,478
Carbon	PA	Allentown-Bethlehem-Easton, PA-NJ	19,033	17,803	17,069	18,057	17,353	17,178	16,890	25,980	28,673	30,851	35,548	36,778	36,698	37,690	8,390	10,500	10,895	11,644	14,540	18,135	20,265
Chester	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	130,240	132,491	148,373	168,457	175,120	183,065	188,258	158,880	204,246	235,943	266,554	268,778	254,655	246,020	29,018	41,083	50,980	63,875	92,940	128,375	155,183
Cumberland	PA	Harrisburg-Carlisle, PA	71,945	68,138	69,611	73,997	74,620	77,648	81,475	88,703	101,538	112,480	124,664	129,585	127,845	130,633	19,463	26,270	31,818	36,745	48,950	63,595	74,145
Dauphin	PA	Harrisburg-Carlisle, PA	88,290	78,141	80,228	84,953	85,090	89,305	94,378	115,313	126,400	135,846	146,306	148,873	145,495	147,690	29,360	34,035	35,833	36,841	44,108	52,365	55,815
Delaware	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	214,015	185,766	186,809	189,272	180,368	179,045	177,245	268,908	277,333	279,303	289,981	283,710	264,608	254,195	71,680	84,928	85,428	79,726	91,425	103,465	104,145
Lancaster	PA	Lancaster, PA	151,185	157,644	168,963	179,653	185,613	199,080	213,085	169,793	211,573	236,756	262,012	276,205	279,430	289,775	42,668	55,715	66,235	77,780	102,575	133,585	154,950
Lebanon	PA	Lebanon, PA	42,510	38,533	38,393	41,908	41,793	42,820	44,298	52,648	58,408	62,233	68,931	69,720	67,370	67,485	13,758	17,168	19,690	22,729	28,500	35,460	39,783
Lehigh	PA	Allentown-Bethlehem-Easton, PA-NJ	100,283	93,499	99,936	113,409	122,123	134,850	147,763	136,978	153,365	163,018	184,484	197,525	202,223	210,435	35,675	45,075	49,413	51,604	64,338	79,693	88,283
Monroe	PA		26,543	34,143	49,475	58,257	61,233	61,938	61,408	34,045	50,138	73,108	89,884	105,785	123,355	143,895	9,108	12,600	17,125	21,701	27,758	32,665	36,225
Montgomery	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	239,528	214,328	233,789	245,359	241,018	242,788	242,980	323,885	363,533	405,463	433,788	426,870	400,258	386,290	81,288	102,188	112,078	120,727	154,315	192,665	213,250
Northampton	PA	Allentown-Bethlehem-Easton, PA-NJ	85,995	84,921	87,118	94,554	93,523	95,275	96,518	111,283	125,823	138,575	156,575	160,845	157,635	157,898	28,515	37,145	42,040	46,606	61,533	80,368	93,905
Perry	PA	Harrisburg-Carlisle, PA	14,733	14,878	14,333	14,273	13,215	12,488	11,835	17,370	21,850	23,950	25,402	24,493	22,445	21,130	3,725	4,600	5,353	6,294	9,068	12,538	15,493
Philadelphia	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	659,373	567,368	550,321	547,534	538,678	556,908	576,883	787,150	778,398	751,568	793,163	830,430	824,333	829,740	237,655	238,565	212,693	185,309	203,933	222,620	214,663
Pike	PA	New York-Northern New Jersey-Long Island, NY-NJ-PA	5,920	9,169	14,868	17,445	16,735	16,510	16,718	9,168	15,203	24,463	30,621	31,073	30,058	29,998	3,300	4,390	7,053	9,303	12,378	16,445	19,768
Schuylkill	PA		55,805	46,821	42,131	40,585	37,373	34,005	30,135	77,660	75,308	78,121	80,876	83,210	87,495	93,248	27,075	30,615	29,743	26,828	24,715	22,250	19,440
York	PA	York-Hanover, PA	122,990	115,078	123,118	138,010	141,190	150,933	158,058	154,595	181,120	208,015	235,905	244,420	247,265	251,675	36,193	44,598	51,603	61,057	79,863	103,600	117,658
Bristol	RI	Providence-New Bedford-Fall River, RI-MA	18,373	16,231	16,416	16,211	15,313	15,800	16,380	22,560	24,976	25,801	25,321	24,533	23,250	22,860	5,893	7,705	8,483	8,343	9,845	12,085	13,305
Kent	RI	Providence-New Bedford-Fall River, RI-MA	59,965	51,038	50,631	46,983	42,863	41,858	41,100	76,510	86,213	91,633	93,106	90,385	84,948	82,153	17,730	24,215	25,253	26,069	32,903	42,678	49,970
Newport	RI	Providence-New Bedford-Fall River, RI-MA	33,220	30,201	26,486	24,171	22,408	21,928	21,523	39,110	46,038	46,916	44,654	41,503	36,343	32,315	9,310	11,278	12,333	14,063	19,468	26,983	33,285
Providence	RI	Providence-New Bedford-Fall River, RI-MA	219,828	208,363	218,868	214,370	207,583	214,963	224,440	267,548	295,801	313,035	327,908	335,710	330,893	331,143	84,963	93,535	90,470	84,389	96,248	113,108	120,205
Washington	RI	Providence-New Bedford-Fall River, RI-MA	40,635	41,531	42,763	42,190	40,283	39,585	38,668	43,265	55,316	65,345	65,772	61,178	52,910	46,128	9,680	13,538	15,838	19,017	28,180	40,668	50,945
Arlington	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	46,418	46,748	51,033	52,941	59,790	70,058	79,363	89,518	105,001	120,528	136,632	174,540	205,875	240,105	17,405	19,283	17,633	18,054	21,583	23,093	21,393
Clarke	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	3,603	3,806	3,711	4,042	4,300	4,628	4,888	5,075	6,578	7,121	7,705	7,520	7,120	7,160	1,330	1,683	1,843	2,287	2,925	3,448	3,610
Fairfax County'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	253,045	291,288	329,171	345,544	396,923	445,073	491,238	348,988	501,643	596,621	629,892	686,950	699,643	724,383	29,443	57,518	81,693	106,290	162,223	217,103	260,533
Fauquier	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	14,908	17,394	18,414	21,091	21,983	22,878	23,318	17,883	26,966	31,211	35,823	35,430	33,863	33,930	3,285	4,520	5,845	8,289	12,090	16,058	18,950
King George	VA		4,515	5,175	6,081	8,331	10,148	11,480	12,400	5,180	7,156	9,193	12,856	16,303	19,960	24,040	863	1,263	1,648	2,397	3,405	4,495	5,685
Loudoun	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	24,413	31,554	61,756	113,762	159,005	202,693	244,415	29,568	50,353	102,396	178,124	223,168	255,878	289,418	3,800	5,230	9,730	20,425	38,770	60,440	80,008
Prince William*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	80,853	104,238	129,386	150,178	212,860	253,728	288,713	83,153	138,895	184,265	224,604	310,985	349,675	389,100	4,578	8,250	16,115	27,220	56,963	91,338	127,208
Spotsylvania^	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	44,154	N/A	N/A	N/A	N/A	N/A	N/A	66,129	N/A	N/A	N/A	N/A	N/A	N/A	12,114	N/A	N/A	N/A
Stafford	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	18,410	25,665	36,845	49,242	55,728	62,268	67,408	20,118	33,266	51,211	70,255	79,855	85,885	94,093	2,200	3,610	5,565	9,464	15,505	22,408	28,133
Warren	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	8,140	9,003	10,540	12,302	12,880	13,863	14,703	10,590	13,875	17,243	20,493	21,018	21,063	22,043	2,540	3,413	3,905	4,780	6,045	6,993	7,208
Alexandria	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	32,758	30,086	33,691	34,043	40,903	50,530	61,710	61,475	69,945	83,918	93,117	109,443	121,730	134,250	9,338	11,378	11,615	12,806	16,228	18,265	17,888
Falls Church'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	3,798	N/A	N/A	N/A	N/A	N/A	N/A	7,241	N/A	N/A	N/A	N/A	N/A	N/A	1,293	N/A	N/A	N/A
Fredericksburg^	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	22,113	31,308	42,206	10,428	59,703	65,733	70,840	23,585	39,983	58,551	11,445	85,858	90,090	96,973	4,445	6,875	10,085	2,413	20,808	27,113	31,500
Manassas*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	14,376	N/A	N/A	N/A	N/A	N/A	N/A	20,838	N/A	N/A	N/A	N/A	N/A	N/A	2,607	N/A	N/A	N/A
Manassas Park*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	5,413	N/A	N/A	N/A	N/A	N/A	N/A	8,054	N/A	N/A	N/A	N/A	N/A	N/A	806	N/A	N/A	N/A
Fairfax City'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	6,857	N/A	N/A	N/A	N/A	N/A	N/A	12,620	N/A	N/A	N/A	N/A	N/A	N/A	3,088	N/A	N/A	N/A

(*)Prince William VA (combined in Moody's data)
(^)Fredericksburg VA (combined in Moody's data)
(')Fairfax VA (combined in Moody's data)

Demographic Data			Socioeconomics				Housing		Households	
County	State	MSA	2010 Percent Minority (Census SF1)	2010 Percent Living Below the Poverty Level (Census ACS)	2010 Median Household Income (Census ACS)	2040 Median Household Income (Moody's)	2010 Housing Units (Census SF1)	2010 Percent Housing Units without Vehicles Available (Census ACS)	2010 Households (CensusSF1)	2040 Households (Moody's)
Fairfield	CT	Bridgeport-Stamford-Norwalk, CT	33.82%	7.96%	$81,268	$145,674	361,221	8.46%	331,782	386,620
Hartford	CT	Hartford-West Hartford-East Hartford, CT	33.86%	10.70%	$62,590	$141,863	374,249	10.22%	347,625	397,175
Litchfield	CT		8.70%	5.84%	$69,639	$171,745	87,550	4.74%	76,688	86,378
Middlesex	CT	Hartford-West Hartford-East Hartford, CT	13.60%	6.11%	$74,906	$167,570	74,837	4.54%	66,975	77,005
New Haven	CT	New Haven-Milford, CT	32.48%	10.89%	$61,114	$132,715	362,004	10.68%	330,785	376,713
New London	CT	Norwich-New London, CT	21.69%	7.21%	$65,419	$155,097	120,994	6.25%	106,590	120,005
Tolland	CT	Hartford-West Hartford-East Hartford, CT	12.51%	6.41%	$77,175	$187,432	57,963	2.93%	54,452	64,430
Windham	CT		14.60%	11.42%	$59,370	$154,167	49,073	6.66%	44,321	55,870
Kent	DE	Dover, DE	34.76%	12.49%	$53,183	$110,933	65,338	6.51%	57,396	82,270
New Castle	DE	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	38.38%	10.25%	$62,474	$101,304	217,511	7.88%	198,499	257,980
District of Columbia	DC	Washington-Arlington-Alexandria, DC-VA-MD-WV	65.19%	18.46%	$58,526	$139,843	296,719	35.73%	257,317	361,243
Anne Arundel	MD	Baltimore-Towson, MD	27.58%	5.34%	$83,456	$161,833	212,562	4.63%	195,999	268,585
Baltimore County	MD	Baltimore-Towson, MD	37.32%	8.13%	$63,959	$113,654	335,622	7.64%	315,542	373,460
Calvert	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	20.35%	4.43%	$90,838	$263,475	33,780	3.17%	30,313	33,730
Carroll	MD	Baltimore-Towson, MD	8.80%	5.31%	$81,621	$194,038	62,406	4.12%	59,412	64,903
Cecil	MD	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	12.62%	9.03%	$64,886	$162,410	41,103	4.58%	36,182	48,700
Charles	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	51.62%	5.16%	$88,825	$228,640	54,963	3.00%	49,898	65,225
Frederick	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	22.17%	4.79%	$81,686	$163,743	90,136	4.21%	83,455	108,175
Harford	MD	Baltimore-Towson, MD	20.76%	5.55%	$77,010	$186,493	95,554	4.84%	89,421	110,125
Howard	MD	Baltimore-Towson, MD	40.79%	4.15%	$103,273	$189,921	109,282	3.71%	102,271	159,100
Kent	MD		21.85%	12.16%	$50,141	$109,658	10,549	5.52%	7,735	9,655
Montgomery	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	50.73%	5.96%	$93,373	$145,415	375,905	7.86%	353,177	475,290
Prince George's	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	85.08%	7.93%	$71,260	$177,223	328,182	9.27%	301,906	325,930
Queen Anne's	MD	Baltimore-Towson, MD	12.69%	5.49%	$81,096	$161,660	20,140	3.31%	17,188	24,983
St. Mary's	MD		23.54%	7.07%	$80,053	$243,543	41,282	4.67%	36,253	60,460
Baltimore City	MD	Baltimore-Towson, MD	71.96%	21.29%	$39,386	$86,846	296,685	29.18%	238,392	253,123
Barnstable	MA	Barnstable Town, MA	8.60%	7.16%	$60,317	$133,598	160,281	4.60%	98,164	114,433
Berkshire	MA	Pittsfield, MA	9.37%	11.57%	$48,907	$103,749	68,508	10.50%	55,623	57,830
Bristol	MA	Providence-New Bedford-Fall River, RI-MA	14.40%	11.32%	$54,955	$117,872	230,535	9.45%	210,789	244,555
Dukes	MA		13.67%	8.64%	$62,407	$204,030	17,188	6.00%	5,530	10,180
Essex	MA	Boston-Cambridge-Quincy, MA-NH	23.97%	10.07%	$64,153	$162,663	306,754	10.56%	282,913	316,240
Franklin	MA	Springfield, MA	7.56%	11.28%	$52,002	$149,162	33,758	7.36%	30,447	32,490
Hampden	MA	Springfield, MA	32.29%	17.20%	$47,724	$124,543	192,175	13.02%	177,725	198,585
Hampshire	MA	Springfield, MA	13.81%	11.73%	$59,505	$154,305	62,603	7.37%	58,612	66,355
Middlesex	MA	Boston-Cambridge-Quincy, MA-NH	23.47%	7.61%	$77,377	$210,257	612,004	10.74%	572,847	641,383
Nantucket	MA		19.47%	7.16%	$83,347	$237,431	11,618	5.24%	3,623	5,575
Norfolk	MA	Boston-Cambridge-Quincy, MA-NH	19.69%	6.19%	$81,027	$202,540	270,359	9.26%	255,180	277,183
Plymouth	MA	Boston-Cambridge-Quincy, MA-NH	16.08%	7.04%	$73,131	$221,088	200,161	5.84%	178,983	186,283
Suffolk	MA	Boston-Cambridge-Quincy, MA-NH	51.94%	20.62%	$50,597	$120,708	315,522	33.88%	283,954	352,220
Worcester	MA	Worcester, MA	19.32%	9.55%	$64,152	$190,624	326,788	8.48%	298,162	339,720
Hillsborough	NH	Manchester-Nashua, NH	12.35%	7.24%	$69,321	$212,333	166,053	5.56%	153,120	169,983
Rockingham	NH	Boston-Cambridge-Quincy, MA-NH	5.83%	4.73%	$75,825	$196,344	126,709	3.15%	114,722	137,280
Strafford	NH	Boston-Cambridge-Quincy, MA-NH	7.25%	11.29%	$57,809	$153,808	51,697	7.55%	46,576	61,345
Atlantic	NJ	Atlantic City-Hammonton, NJ	41.41%	11.78%	$54,766	$133,751	126,647	13.49%	101,645	117,995
Bergen	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	37.46%	5.82%	$81,708	$184,130	352,388	8.04%	333,874	366,388
Burlington	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	29.35%	5.48%	$76,258	$169,995	175,615	4.90%	165,284	189,038
Camden	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	39.72%	11.20%	$60,976	$144,846	204,943	11.38%	190,670	209,965
Cape May	NJ	Ocean City, NJ	13.10%	9.17%	$54,292	$104,068	98,309	9.28%	45,420	44,825
Cumberland	NJ	Vineland-Millville-Bridgeton, NJ	49.69%	15.55%	$50,651	$106,631	55,834	11.52%	50,825	62,858
Essex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	66.81%	14.56%	$55,125	$113,942	312,954	22.67%	277,426	303,805
Gloucester	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	18.94%	7.13%	$72,664	$176,280	109,796	5.66%	102,632	137,060
Hudson	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	69.18%	15.14%	$55,275	$139,913	270,335	33.85%	237,726	297,308
Hunterdon	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	12.26%	3.97%	$100,980	$215,180	49,487	2.99%	47,182	49,265
Mercer	NJ	Trenton-Ewing, NJ	45.46%	10.11%	$71,217	$137,225	143,169	11.56%	129,213	153,758
Middlesex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	50.77%	7.42%	$77,615	$168,550	294,800	8.31%	277,398	364,588
Monmouth	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	23.31%	6.27%	$82,265	$176,923	258,410	7.87%	232,513	265,315
Morris	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	24.93%	4.03%	$96,747	$201,247	189,842	5.09%	178,638	210,043
Ocean	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	14.05%	9.02%	$59,620	$121,996	278,052	6.78%	222,396	288,558
Passaic	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	54.68%	15.14%	$54,944	$143,681	175,966	16.56%	161,428	176,995
Salem	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	23.22%	10.13%	$59,441	$139,134	27,417	8.23%	25,117	27,993
Somerset	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	37.59%	3.55%	$97,440	$200,574	123,127	5.16%	114,431	152,693
Sussex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	11.24%	4.80%	$83,089	$202,345	62,057	3.56%	55,842	54,283
Union	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	54.65%	9.07%	$66,791	$117,837	199,489	11.56%	184,808	227,993
Warren	NJ	Allentown-Bethlehem-Easton, PA-NJ	14.29%	6.79%	$71,364	$235,515	44,925	5.19%	41,601	42,100
Albany	NY	Albany-Schenectady-Troy, NY	24.01%	12.57%	$56,090	$140,590	137,739	12.35%	124,391	129,910

Demographic Data			Socioeconomics				Housing		Households	
County	State	MSA	2010 Percent Minority (Census SF1)	2010 Percent Living Below the Poverty Level (Census ACS)	2010 Median Household Income (Census ACS)	2040 Median Household Income (Moody's)	2010 Housing Units (Census SF1)	2010 Percent Housing Units without Vehicles Available (Census ACS)	2010 Households (CensusSF1)	2040 Households (Moody's)
Bronx	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	89.08%	28.38%	$34,264	$92,776	511,896	58.83%	472,464	539,410
Columbia	NY		11.77%	9.51%	$55,546	$139,241	32,775	6.00%	25,686	25,100
Dutchess	NY	Poughkeepsie-Newburgh-Middletown, NY	25.44%	8.40%	$69,838	$170,796	118,638	7.26%	106,952	117,348
Greene	NY		12.93%	13.22%	$46,235	$130,432	29,210	6.80%	18,502	20,643
Kings	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	64.33%	22.02%	$43,567	$106,133	1,000,293	56.45%	903,991	1,069,710
Nassau	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	34.51%	4.95%	$93,613	$221,891	468,346	7.22%	442,833	485,005
New York	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	51.98%	17.76%	$64,971	$147,435	847,090	77.69%	732,204	815,790
Orange	NY	Poughkeepsie-Newburgh-Middletown, NY	31.80%	11.11%	$69,523	$171,775	137,025	9.29%	124,379	146,075
Putnam	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	17.05%	6.97%	$89,218	$250,011	38,224	3.45%	34,907	34,983
Queens	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	72.35%	12.99%	$55,291	$135,742	835,127	36.34%	774,311	880,470
Rensselaer	NY	Albany-Schenectady-Troy, NY	14.35%	11.72%	$54,152	$129,021	71,475	10.27%	63,518	71,435
Richmond	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	35.96%	10.34%	$71,084	$193,103	176,656	15.73%	164,279	182,825
Rockland	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	34.66%	11.26%	$82,534	$212,651	104,057	9.56%	97,557	123,058
Saratoga	NY	Albany-Schenectady-Troy, NY	7.27%	6.36%	$65,100	$186,785	98,656	5.05%	86,658	106,888
Schenectady	NY	Albany-Schenectady-Troy, NY	22.83%	11.13%	$55,188	$117,949	68,196	11.17%	58,583	73,470
Schoharie	NY	Albany-Schenectady-Troy, NY	6.13%	11.43%	$50,864	$124,050	17,231	6.37%	12,989	13,210
Suffolk	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	28.43%	5.75%	$84,506	$209,226	569,985	4.95%	495,289	548,030
Ulster	NY	Kingston, NY	18.30%	11.26%	$57,584	$136,059	83,638	7.56%	70,691	76,555
Westchester	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	42.62%	8.24%	$79,619	$203,254	370,821	14.18%	345,795	383,260
Adams	PA		9.44%	7.58%	$56,529	$90,219	40,820	4.53%	38,331	50,790
Berks	PA	Reading, PA	23.10%	12.42%	$53,470	$90,192	164,827	8.58%	153,307	228,733
Bucks	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	13.12%	4.93%	$74,828	$172,429	245,956	4.21%	229,552	244,513
Carbon	PA	Allentown-Bethlehem-Easton, PA-NJ	6.25%	10.51%	$47,744	$117,142	34,299	6.04%	26,111	32,155
Chester	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	17.90%	6.22%	$84,741	$162,693	192,462	4.55%	181,136	231,150
Cumberland	PA	Harrisburg-Carlisle, PA	10.57%	6.51%	$60,219	$118,875	99,988	5.77%	93,739	120,250
Dauphin	PA	Harrisburg-Carlisle, PA	30.10%	11.92%	$52,371	$117,883	120,406	10.00%	107,808	129,398
Delaware	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	28.90%	9.45%	$61,876	$110,342	222,902	10.73%	206,542	213,488
Lancaster	PA	Lancaster, PA	15.11%	9.67%	$54,765	$102,567	202,952	9.66%	191,474	261,090
Lebanon	PA	Lebanon, PA	13.15%	8.95%	$52,356	$111,996	55,592	7.42%	51,543	62,590
Lehigh	PA	Allentown-Bethlehem-Easton, PA-NJ	28.40%	11.90%	$53,541	$124,410	142,613	9.78%	132,879	180,155
Monroe	PA		29.50%	10.37%	$56,733	$104,758	80,359	3.80%	59,997	94,685
Montgomery	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	21.01%	5.61%	$76,380	$141,497	325,735	5.69%	306,661	345,473
Northampton	PA	Allentown-Bethlehem-Easton, PA-NJ	19.00%	8.76%	$58,762	$147,477	120,363	7.42%	111,929	140,225
Perry	PA	Harrisburg-Carlisle, PA	3.35%	9.08%	$52,659	$136,654	20,424	4.25%	17,943	19,963
Philadelphia	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	63.13%	25.08%	$36,251	$79,100	670,171	33.57%	574,488	675,190
Pike	PA	New York-Northern New Jersey-Long Island, NY-NJ-PA	17.12%	8.68%	$56,843	$126,194	38,350	3.79%	22,190	26,030
Schuylkill	PA		6.77%	11.92%	$42,315	$75,701	69,323	9.61%	60,347	62,170
York	PA	York-Hanover, PA	13.84%	9.01%	$57,494	$130,527	178,671	6.11%	166,600	215,630
Bristol	RI	Providence-New Bedford-Fall River, RI-MA	5.66%	6.51%	$68,333	$115,139	20,850	7.11%	19,236	20,203
Kent	RI	Providence-New Bedford-Fall River, RI-MA	8.44%	7.91%	$61,088	$114,373	73,701	5.83%	69,109	71,793
Newport	RI	Providence-New Bedford-Fall River, RI-MA	12.13%	7.26%	$67,239	$116,316	41,796	7.71%	34,771	36,810
Providence	RI	Providence-New Bedford-Fall River, RI-MA	33.88%	15.42%	$48,500	$89,014	264,835	11.88%	238,059	260,933
Washington	RI	Providence-New Bedford-Fall River, RI-MA	7.60%	7.44%	$70,285	$125,466	62,206	3.62%	49,130	52,745
Arlington	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	35.96%	6.98%	$94,880	$141,330	105,404	11.60%	91,892	159,785
Clarke	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	11.74%	7.30%	$73,244	$121,245	6,235	3.40%	5,535	6,150
Fairfax County'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	45.40%	5.11%	$105,416	$234,339	407,998	3.75%	381,768	537,615
Fauquier	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	18.09%	5.37%	$83,877	$153,909	25,600	2.94%	22,369	27,845
King George	VA		25.36%	7.05%	$76,241	$149,629	9,477	4.85%	8,194	15,423
Loudoun	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	37.61%	3.15%	$115,574	$231,525	109,442	2.11%	95,330	209,338
Prince William*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	51.33%	5.30%	$91,098	$177,031	137,115	3.15%	124,879	262,673
Spotsylvania^	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	28.04%	7.45%	$76,574	N/A	45,185	3.32%	41,009	0
Stafford	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	32.20%	4.03%	$93,065	$243,830	43,978	2.46%	40,183	61,943
Warren	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	11.26%	9.55%	$60,522	$104,267	16,034	4.34%	14,160	16,570
Alexandria	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	46.50%	7.79%	$80,847	$118,661	72,376	9.94%	63,738	104,290
Falls Church'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	26.27%	4.77%	$114,409	N/A	5,489	9.86%	4,706	0
Fredericksburg^	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	39.22%	17.56%	$43,558	$143,847	10,467	13.02%	9,206	70,548
Manassas*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	52.42%	13.42%	$75,173	N/A	13,123	7.68%	11,732	0
Manassas Park*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	57.47%	7.27%	$70,299	N/A	4,904	5.25%	4,206	0
Fairfax City'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	38.63%	5.36%	$97,900	N/A	8,680	3.98%	8,524	0

(*)Prince William VA (combined in Moody's data)
(^)Fredericksburg VA (combined in Moody's data)
(')Fairfax VA (combined in Moody's data)

Demographic Data			Employment									
County	State	MSA	Employment 1980 (Moody's)	Employment 1990 (Moody's)	Employment 2000 (Moody's)	Employment 2010 (Moody's)	Employment 2020 (Moody's)	Employment 2030 (Moody's)	Employment 2040 (Moody's)	2010 Percent of Population Aged 20-64 Employed (Census ACS)	2010 Percent of Labor Force Unemployed (Census ACS)	2040 Percent of Labor Force Unemployed (Moody's)
Fairfield	CT	Bridgeport-Stamford-Norwalk, CT	407,563	440,023	436,370	440,018	481,588	482,065	471,858	93.1%	7.6%	5.1%
Hartford	CT	Hartford-West Hartford-East Hartford, CT	408,513	445,610	417,835	425,778	469,383	478,465	476,118	92.6%	8.1%	6.1%
Litchfield	CT		70,720	97,125	97,338	96,835	106,195	107,293	105,663	94.1%	6.5%	5.1%
Middlesex	CT	Hartford-West Hartford-East Hartford, CT	60,955	80,168	83,603	87,098	95,628	97,875	97,803	94.8%	5.6%	5.0%
New Haven	CT	New Haven-Milford, CT	335,130	415,513	403,598	410,198	453,365	455,460	447,918	92.4%	8.2%	5.7%
New London	CT	Norwich-New London, CT	103,913	123,738	128,698	139,350	151,238	157,735	161,613	90.6%	6.2%	5.9%
Tolland	CT	Hartford-West Hartford-East Hartford, CT	58,130	71,623	74,180	80,540	89,215	92,140	92,845	94.8%	5.8%	4.9%
Windham	CT		37,858	51,578	56,053	58,613	66,635	69,488	70,558	91.7%	9.5%	6.1%
Kent	DE	Dover, DE	41,453	56,380	61,658	68,835	70,760	68,460	67,468	89.3%	7.7%	5.9%
New Castle	DE	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	179,870	230,373	263,815	247,460	277,935	300,208	323,840	93.8%	6.9%	5.4%
District of Columbia	DC	Washington-Arlington-Alexandria, DC-VA-MD-WV	298,680	311,828	291,923	308,673	340,503	332,595	341,533	90.2%	9.4%	6.6%
Anne Arundel	MD	Baltimore-Towson, MD	168,515	222,555	260,145	273,688	314,005	337,758	355,245	92.6%	5.5%	6.0%
Baltimore County	MD	Baltimore-Towson, MD	297,975	363,095	394,240	403,633	445,070	457,625	463,138	94.3%	6.0%	7.1%
Calvert	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	9,633	26,763	39,255	44,370	44,825	42,968	42,540	94.5%	4.4%	4.9%
Carroll	MD	Baltimore-Towson, MD	43,798	65,558	81,665	86,545	92,703	92,655	91,168	96.6%	3.5%	6.0%
Cecil	MD	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	26,825	32,343	44,280	45,850	52,138	56,870	61,953	93.7%	6.9%	6.6%
Charles	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	40,245	52,233	63,368	73,325	78,070	78,695	81,380	92.7%	5.9%	4.9%
Frederick	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	42,170	80,330	106,920	118,593	134,385	140,930	146,243	95.2%	4.8%	4.2%
Harford	MD	Baltimore-Towson, MD	66,325	93,210	116,293	124,715	138,813	144,118	147,100	93.5%	5.4%	6.8%
Howard	MD	Baltimore-Towson, MD	53,890	109,783	141,363	156,338	186,385	208,493	226,183	95.6%	4.1%	4.9%
Kent	MD		7,073	8,820	9,703	10,103	11,210	11,625	11,898	95.8%	5.2%	5.3%
Montgomery	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	320,343	427,248	476,193	492,563	562,725	599,918	630,305	94.4%	5.2%	3.5%
Prince George's	MD	Washington-Arlington-Alexandria, DC-VA-MD-WV	367,930	408,855	414,550	426,500	429,305	408,963	403,460	92.0%	8.3%	5.7%
Queen Anne's	MD	Baltimore-Towson, MD	8,870	17,373	22,065	24,865	28,933	31,345	33,193	95.2%	5.2%	6.5%
St. Mary's	MD		16,555	36,413	43,028	51,683	62,945	72,020	80,005	91.0%	4.6%	4.2%
Baltimore City	MD	Baltimore-Towson, MD	357,588	310,548	264,193	243,208	258,258	251,878	243,295	89.5%	11.5%	10.0%
Barnstable	MA	Barnstable Town, MA	63,553	90,290	109,560	110,485	119,923	123,903	130,400	93.4%	6.2%	6.1%
Berkshire	MA	Pittsfield, MA	74,155	64,958	68,090	66,760	68,085	67,318	66,785	93.0%	7.5%	6.9%
Bristol	MA	Providence-New Bedford-Fall River, RI-MA	203,555	240,940	267,620	259,483	289,370	293,488	297,528	91.7%	8.8%	5.3%
Dukes	MA		4,750	7,148	9,795	10,645	11,795	12,775	13,590	95.7%	5.9%	5.8%
Essex	MA	Boston-Cambridge-Quincy, MA-NH	304,590	326,555	362,528	348,388	367,558	369,735	376,283	93.7%	6.8%	6.9%
Franklin	MA	Springfield, MA	30,605	35,275	38,053	35,840	35,768	34,975	34,358	93.9%	7.0%	5.9%
Hampden	MA	Springfield, MA	198,950	208,028	211,893	202,413	205,213	202,173	201,103	91.2%	9.6%	8.1%
Hampshire	MA	Springfield, MA	65,240	76,103	84,100	82,300	83,723	83,438	83,365	93.7%	7.2%	5.2%
Middlesex	MA	Boston-Cambridge-Quincy, MA-NH	701,790	760,275	803,628	774,498	806,825	800,275	782,573	94.3%	6.0%	5.2%
Nantucket	MA		2,843	4,608	7,180	7,210	7,938	8,443	8,850	97.3%	2.2%	5.4%
Norfolk	MA	Boston-Cambridge-Quincy, MA-NH	295,098	326,838	348,790	338,085	353,303	350,703	347,043	94.3%	6.2%	5.3%
Plymouth	MA	Boston-Cambridge-Quincy, MA-NH	176,190	213,313	244,510	240,755	248,298	241,968	236,085	92.7%	8.1%	6.6%
Suffolk	MA	Boston-Cambridge-Quincy, MA-NH	293,380	328,630	340,343	335,173	364,468	374,938	383,303	91.6%	9.2%	6.1%
Worcester	MA	Worcester, MA	306,693	339,633	377,173	368,588	381,275	381,303	385,763	93.0%	7.5%	7.4%
Hillsborough	NH	Manchester-Nashua, NH	134,700	187,400	208,983	214,230	242,905	259,005	270,405	94.5%	6.1%	4.0%
Rockingham	NH	Boston-Cambridge-Quincy, MA-NH	96,885	133,268	157,155	163,383	185,048	195,428	202,985	94.6%	5.9%	3.9%
Strafford	NH	Boston-Cambridge-Quincy, MA-NH	37,580	53,778	60,683	65,435	76,578	83,298	88,885	94.2%	6.2%	3.7%
Atlantic	NJ	Atlantic City-Hammonton, NJ	96,493	115,213	122,980	119,718	138,835	142,533	146,300	91.5%	8.9%	7.1%
Bergen	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	457,295	428,905	454,243	436,520	480,278	483,743	486,888	94.5%	5.8%	4.8%
Burlington	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	149,498	198,165	214,528	220,583	237,993	246,275	254,275	92.0%	7.3%	6.3%
Camden	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	194,483	239,068	244,443	240,133	259,170	265,468	271,600	91.5%	9.2%	7.6%
Cape May	NJ	Ocean City, NJ	35,843	41,168	51,968	51,325	60,985	68,600	79,140	90.7%	8.3%	8.9%
Cumberland	NJ	Vineland-Millville-Bridgeton, NJ	52,253	60,848	61,743	61,578	67,525	67,563	67,790	89.1%	12.1%	8.5%
Essex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	390,018	371,408	349,565	329,348	348,985	343,110	337,655	90.3%	10.4%	7.3%
Gloucester	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	82,435	113,003	129,970	142,798	162,478	176,008	189,800	92.7%	8.2%	7.0%
Hudson	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	220,465	266,918	283,285	277,255	319,295	332,025	344,448	91.4%	9.1%	6.3%
Hunterdon	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	35,910	57,595	66,355	66,168	68,468	66,703	64,965	94.3%	6.1%	4.6%
Mercer	NJ	Trenton-Ewing, NJ	150,158	163,363	174,305	190,530	207,550	216,965	226,395	92.3%	8.4%	5.7%
Middlesex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	312,125	354,695	388,098	398,428	443,210	470,618	504,790	93.4%	7.1%	5.7%
Monmouth	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	220,720	274,458	308,130	300,433	320,430	325,570	335,100	93.8%	6.8%	5.8%
Morris	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	186,800	239,560	254,328	252,965	270,420	273,245	275,683	94.8%	5.4%	4.7%
Ocean	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	122,508	181,125	223,605	239,613	269,430	286,428	307,788	92.4%	8.2%	6.8%
Passaic	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	192,708	221,650	225,393	216,363	240,180	238,958	238,368	92.9%	7.6%	6.8%
Salem	NJ	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	27,453	29,805	30,330	27,990	30,408	31,333	32,395	91.0%	10.2%	7.9%
Somerset	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	93,088	134,930	161,365	166,685	184,598	196,160	210,443	94.6%	5.7%	4.8%
Sussex	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	41,868	69,140	77,178	75,853	77,873	74,458	71,540	93.3%	7.1%	6.1%
Union	NJ	New York-Northern New Jersey-Long Island, NY-NJ-PA	231,003	257,093	254,450	248,498	272,268	278,960	285,340	92.1%	8.4%	6.5%
Warren	NJ	Allentown-Bethlehem-Easton, PA-NJ	36,715	46,913	54,050	53,798	57,483	56,435	55,340	93.8%	6.7%	6.4%
Albany	NY	Albany-Schenectady-Troy, NY	127,490	153,198	149,788	145,253	147,388	142,575	135,913	94.7%	6.0%	5.4%

Demographic Data			Employment									
County	State	MSA	Employment 1980 (Moody's)	Employment 1990 (Moody's)	Employment 2000 (Moody's)	Employment 2010 (Moody's)	Employment 2020 (Moody's)	Employment 2030 (Moody's)	Employment 2040 (Moody's)	2010 Percent of Population Aged 20-64 Employed (Census ACS)	2010 Percent of Labor Force Unemployed (Census ACS)	2040 Percent of Labor Force Unemployed (Moody's)
Bronx	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	461,148	421,225	451,810	477,595	537,550	543,868	551,525	88.8%	12.1%	7.5%
Columbia	NY		22,558	30,285	30,458	28,398	29,173	28,265	27,108	93.8%	6.6%	4.8%
Dutchess	NY	Poughkeepsie-Newburgh-Middletown, NY	101,793	129,680	134,835	135,105	139,515	137,610	135,128	93.6%	6.9%	5.6%
Greene	NY		16,705	20,003	21,608	21,935	23,208	23,003	22,540	93.3%	6.9%	5.6%
Kings	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	880,065	884,923	976,085	1,009,670	1,134,580	1,166,960	1,198,570	92.0%	8.4%	5.9%
Nassau	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	613,855	672,953	655,540	638,728	656,693	637,190	620,920	94.6%	5.8%	4.8%
New York	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	563,405	733,833	811,843	851,900	919,370	918,598	917,480	92.4%	7.9%	4.5%
Orange	NY	Poughkeepsie-Newburgh-Middletown, NY	100,028	145,990	156,833	161,225	169,973	170,975	171,070	91.3%	6.3%	5.9%
Putnam	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	29,745	46,393	50,833	50,518	53,083	51,878	50,695	95.0%	5.7%	4.0%
Queens	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	746,098	895,290	1,007,710	1,026,320	1,131,770	1,153,240	1,173,160	92.0%	8.5%	4.9%
Rensselaer	NY	Albany-Schenectady-Troy, NY	67,763	78,105	77,988	76,530	79,615	78,838	76,918	93.2%	7.3%	5.8%
Richmond	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	138,898	169,408	206,105	220,918	242,493	245,008	247,388	94.0%	6.2%	5.0%
Rockland	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	113,530	139,518	140,175	145,745	164,358	172,790	180,470	95.2%	5.4%	4.0%
Saratoga	NY	Albany-Schenectady-Troy, NY	68,560	93,125	107,125	109,648	116,753	119,158	119,493	95.0%	4.8%	5.1%
Schenectady	NY	Albany-Schenectady-Troy, NY	66,865	72,313	70,150	69,595	73,730	74,443	73,960	94.0%	6.4%	5.8%
Schoharie	NY	Albany-Schenectady-Troy, NY	10,645	14,350	14,563	14,175	14,448	13,845	13,105	91.6%	9.2%	7.2%
Suffolk	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	596,490	677,698	710,778	724,543	750,685	730,493	714,145	94.7%	5.8%	5.2%
Ulster	NY	Kingston, NY	61,855	81,343	85,450	81,563	85,340	86,663	88,700	94.0%	6.5%	5.2%
Westchester	NY	New York-Northern New Jersey-Long Island, NY-NJ-PA	435,965	454,868	448,303	440,785	478,325	483,825	488,463	94.0%	6.5%	4.1%
Adams	PA		29,638	39,480	47,843	50,648	56,850	58,765	60,160	95.7%	4.9%	5.1%
Berks	PA	Reading, PA	144,403	167,933	186,923	185,975	204,015	211,468	216,270	93.3%	7.8%	8.7%
Bucks	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	205,835	287,438	317,795	314,810	327,123	315,328	300,718	94.4%	5.9%	4.8%
Carbon	PA	Allentown-Bethlehem-Easton, PA-NJ	24,135	24,475	27,498	28,460	32,270	33,605	34,870	91.8%	8.2%	7.7%
Chester	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	136,020	201,188	228,603	248,538	274,543	281,983	284,455	95.3%	5.0%	4.0%
Cumberland	PA	Harrisburg-Carlisle, PA	87,200	105,075	110,200	114,158	124,690	126,278	125,473	95.3%	4.9%	4.9%
Dauphin	PA	Harrisburg-Carlisle, PA	113,470	124,193	126,658	126,963	135,245	132,970	128,818	94.5%	6.1%	5.6%
Delaware	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	238,393	268,598	266,595	256,315	265,678	254,753	241,858	93.2%	7.3%	5.2%
Lancaster	PA	Lancaster, PA	172,300	217,235	243,458	249,265	268,915	279,695	295,668	94.9%	5.7%	5.9%
Lebanon	PA	Lebanon, PA	46,093	58,585	62,105	68,300	70,818	70,368	70,293	94.3%	6.1%	8.2%
Lehigh	PA	Allentown-Bethlehem-Easton, PA-NJ	123,355	145,185	156,503	163,283	190,113	205,168	219,390	93.6%	7.6%	6.6%
Monroe	PA		27,918	46,245	66,318	74,303	88,108	95,143	101,170	91.0%	10.2%	7.3%
Montgomery	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	276,455	362,583	395,775	400,388	425,393	421,100	411,415	95.0%	5.3%	4.4%
Northampton	PA	Allentown-Bethlehem-Easton, PA-NJ	102,100	118,788	132,933	138,120	156,363	164,050	171,133	93.8%	6.6%	6.5%
Perry	PA	Harrisburg-Carlisle, PA	17,448	20,765	22,430	22,258	23,313	22,520	21,473	94.1%	6.2%	5.7%
Philadelphia	PA	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	725,135	655,835	599,620	574,180	620,195	615,228	604,128	88.5%	12.6%	7.1%
Pike	PA	New York-Northern New Jersey-Long Island, NY-NJ-PA	7,463	12,963	20,370	23,670	25,980	26,388	26,805	91.5%	9.9%	7.1%
Schuylkill	PA		60,798	64,283	65,838	65,873	68,015	64,938	61,915	92.9%	7.6%	7.2%
York	PA	York-Hanover, PA	135,823	178,758	201,950	205,920	217,630	222,423	230,875	94.3%	6.4%	9.1%
Bristol	RI	Providence-New Bedford-Fall River, RI-MA	21,710	24,760	25,855	24,528	25,705	25,525	25,533	94.3%	6.0%	5.1%
Kent	RI	Providence-New Bedford-Fall River, RI-MA	71,293	83,795	89,173	85,398	90,578	89,105	88,685	92.9%	7.8%	5.7%
Newport	RI	Providence-New Bedford-Fall River, RI-MA	36,883	41,308	43,293	40,478	43,023	42,440	42,225	88.7%	5.2%	5.4%
Providence	RI	Providence-New Bedford-Fall River, RI-MA	264,230	287,333	295,685	287,008	312,023	309,790	309,490	91.6%	9.0%	6.4%
Washington	RI	Providence-New Bedford-Fall River, RI-MA	42,833	56,515	66,755	66,163	70,965	70,355	69,810	94.2%	5.9%	5.0%
Arlington	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	76,738	105,660	116,758	127,758	149,753	164,648	181,215	94.0%	3.2%	3.1%
Clarke	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	4,913	6,188	6,758	7,443	7,643	7,395	7,368	95.8%	4.2%	4.1%
Fairfax County'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	330,090	488,910	556,823	615,295	669,290	687,460	719,563	94.2%	4.3%	3.6%
Fauquier	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	16,828	25,700	29,575	34,563	36,118	35,520	35,905	95.7%	4.7%	4.0%
King George	VA		4,810	6,663	8,195	9,683	12,428	14,480	16,548	85.6%	5.6%	5.7%
Loudoun	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	30,995	51,190	98,060	175,685	225,205	261,070	298,148	95.9%	3.8%	3.4%
Prince William*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	87,088	133,753	174,510	241,195	294,265	330,238	369,568	92.2%	4.9%	4.3%
Spotsylvania^	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	92.9%	6.4%	N/A
Stafford	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	15,535	30,998	47,323	65,670	74,685	79,113	84,943	87.0%	5.6%	4.3%
Warren	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	9,530	12,953	16,150	19,060	20,148	19,793	20,045	94.6%	5.9%	5.2%
Alexandria	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	50,978	71,143	79,030	85,410	97,923	105,165	113,990	94.2%	3.9%	4.0%
Falls Church'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	93.1%	6.1%	N/A
Fredericksburg^	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	19,725	39,788	57,435	75,793	83,890	86,395	90,923	88.9%	10.3%	5.0%
Manassas*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	94.0%	6.5%	N/A
Manassas Park*	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	95.7%	4.0%	N/A
Fairfax City'	VA	Washington-Arlington-Alexandria, DC-VA-MD-WV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	94.2%	4.7%	N/A

(*)Prince William VA (combined in Moody's data)
(^)Fredericksburg VA (combined in Moody's data)
(')Fairfax VA (combined in Moody's data)