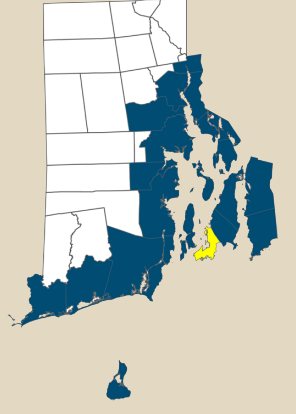


NEWPORT, RI

SOCIOECONOMICS OF SEA LEVEL RISE COASTAL FACTSHEET



PROJECT OVERVIEW

Rhode Island's municipalities are in the preliminary stages of integrating planning for sea level rise and climate change into their comprehensive planning process. To support these planning efforts of RI cities and towns, RISPP developed the Socioeconomics of Sea Level Rise project. The project aims to assist coastal municipalities in their long-term planning by attempting to identify population characteristics of **the people** located within sea level rise (SLR) inundation zones 1, 3, 5 and 7 FT. The data presented in this factsheet places a focus on Environmental Justice and Title VI populations.

METHODOLOGY

The RISPP utilized 2010 Decennial Census data and the latest American Community Survey (ACS) estimates to conduct an extensive data analysis. Staff also utilized CRMC's STORMTOOLS GIS shapefiles to identify the SLR inundation zones. In addition, RI Geographic Information Systems (RIGIS) e-911 data was utilized to identify single family, multi-family and mobile home residential points located within each SLR inundation zone. For more information on the methodology, please reference the [full report](#) on our website.

NEWPORT QUICK FACTS

24,672

2010 Census Population

36.4

2010 Census Median Age

\$61,320

2014 ACS Median Household Income

NEWPORT'S OCCUPIED RESIDENTIAL UNITS & POPULATION ESTIMATES

Newport is one of Rhode Island's 21 coastal communities, and one of the three municipalities which comprise Aquidneck Island. Newport is located east of Jamestown, and south of Middletown, Rhode Island.

The City of Newport has an average household size of 2.04 (2010 Census). The average household size and the percentage of occupied housing units were used to calculate a population estimate.

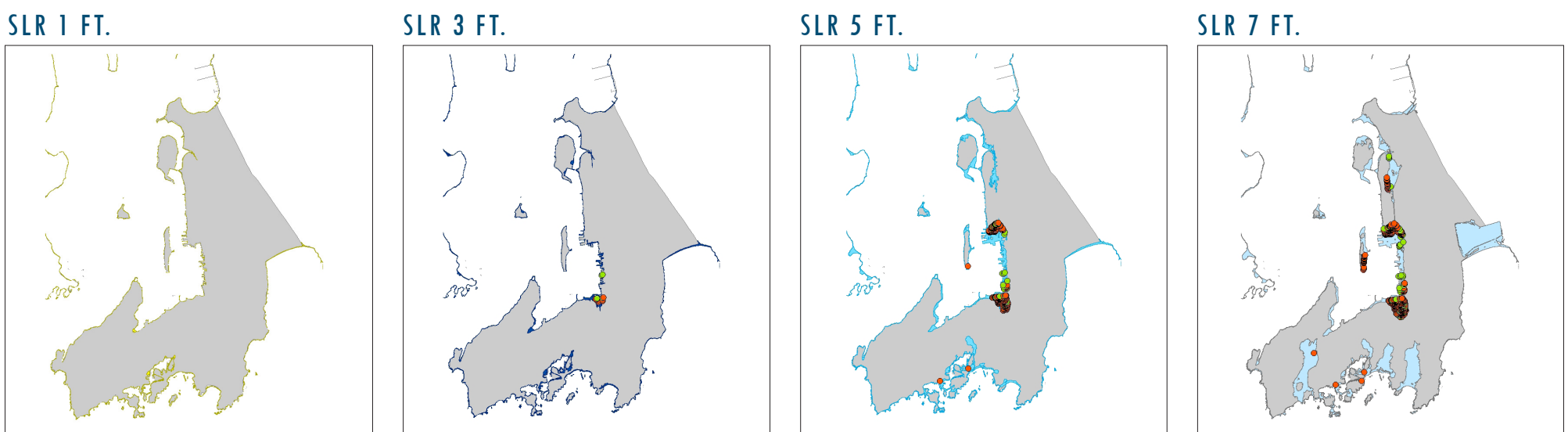
Approximately 61-71% of the residential units located within SLR inundation zones 3, 5 and 7 FT. are occupied units. Residential units were identified in GIS using the e-911 shapefile. A combination of single family, multi-family and mobile home residential units were identified throughout the various SLR inundation zones, the majority of which are single family units. There is a significant change between the estimated population located in the 3 and 5 FT. inundation zone, with an additional 374 people estimated in the 5 FT. zone. The 7 FT. inundation zone has the greatest population and occupied residential unit estimates, with 819 people estimated within the zone and 401 occupied residential units.

SLR Inundation zone	Residential Units	Occupied Unit calculation (Total Units (x) Occ. Housing Unit Rate in SLR zone)	Population calculation (Occupied Units (x) Newport Avg. HH Size)
1 FT.	0	0	0
3 FT.	8 SF, 6 MF	12 (61% occ. HU)	24
5 FT.	163 SF, 62 MF	195 (68% occ. HU)	398
7 FT.	312 SF, 126 MF	401 (71% occ. HU)	819



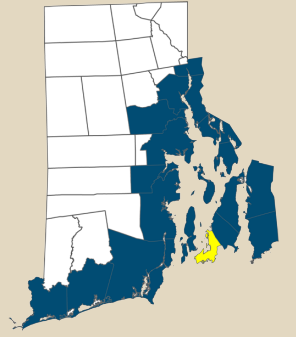
SLR INUNDATION ZONES

The maps above illustrate each of the SLR inundation zones. Single family units are represented by orange points in the SLR inundation zone maps, while multi-family units are represented by green points.



NEWPORT, RI

SOCIOECONOMICS OF SEA LEVEL RISE COASTAL FACTSHEET



SLR 1


EST. POPULATION: 0
EST. OCCUPIED HOUSEHOLDS: 0

There were zero residential units located within the e-911 shapefile in the 1 FT. SLR inundation scenario. Please note, a zero value does not imply that zero people or structures will be impacted in a 1 FT. SLR scenario.

SLR 3

EST. POPULATION: 24
EST. OCCUPIED HOUSEHOLDS: 12


82% or 20 - White
9% or 2 - Black
1% or 0.3 - American Indian/Alaska Native
2% or 0.4 - Asian
8% or 2 - Hispanic
22% or 5 - Minority

 **7%**
or 2 - Age 75 or older

SLR 5

EST. POPULATION: 398
EST. OCCUPIED HOUSEHOLDS: 195


82% or 325 - White
7% or 29 - Black
1% or 4 - American Indian/Alaska Native
2% or 7 - Asian
10% or 38 - Hispanic
22% or 89 - Minority

 **6%**
or 25 - Age 75 or older

SLR 7

EST. POPULATION: 819
EST. OCCUPIED HOUSEHOLDS: 401

83% or 680 - White
7% or 58 - Black
1% or 6 - American Indian/Alaska Native
2% or 16 - Asian
9% or 70 - Hispanic
21% or 171 - Minority

 **6%**
or 48 - Age 75 or older

RACE & AGE

SOCIAL CHARACTERISTICS

HOUSEHOLD INCOME

HOUSEHOLD CHARACTERISTICS



7% or 1 are Individuals with Disabilities

2% or 0.2 are Limited English Proficiency Households

7% or 1 are Unemployed

14% or 3 are Individuals Below Poverty Level

8% or 1 Households receive SSI

8% or 22 are Individuals with Disabilities

2% or 4 are Limited English Proficiency Households

6% or 22 are Unemployed

14% or 55 are Individuals Below Poverty Level

9% or 17 Households receive SSI

7% or 43 are Individuals with Disabilities

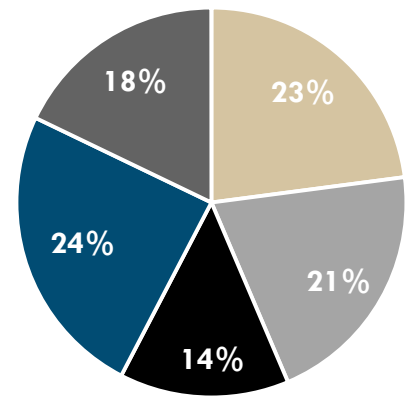
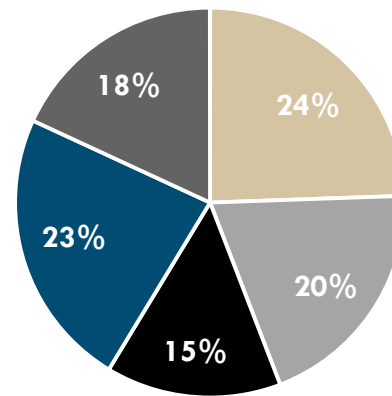
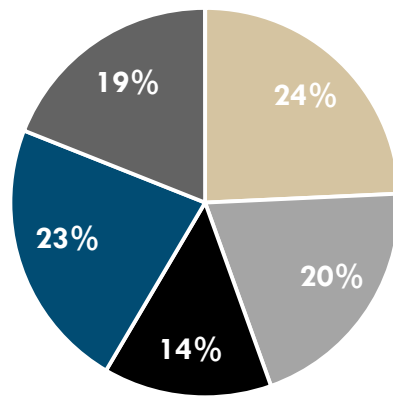
2% or 8 are Limited English Proficiency Households

6% or 43 are Unemployed

13% or 104 are Individuals Below Poverty Level

8% or 31 Households receive SSI

- In Estimated Occupied Housing Units



■ Less than 24,999K ■ 25,000 to 49,999 ■ 50,000 to 74,999 ■ 75,000 to 124,999 ■ 125,000 and up

- Percent of Population in Housing Type

59% Renter Occupied
12% Owned Outright



60% Renter Occupied
11% Owned Outright



57% Renter Occupied
11% Owned Outright



NEWPORT (3FT, 5FT, 7FT)*

*No Residential Units within 1 FT SLR Scenario

Variable Name	Sea Level Rise (SLR)				Count	
	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
e911 Housing Unit Total						
Single Family (R1) Units	8		163		312	
Multifamily (R2) Units with Calculation (*2)	6*2=12		62*2=124		126*2=252	
Mobile Home (R3) Units	0		0		0	
Total Units: Single Family (R1), Multifamily (R2), Mobile Home (R3)	20		287		564	
Note: Multifamily unit totals are multiplied by 2 based on the presumption that there are a minimum of two units within each multifamily e911 point						
Variable Name	Sea Level Rise (SLR)				Count & Percentage	
e911 Occupied Housing Unit Calculation	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Total Units: Single Family (R1), Multifamily (R2), Mobile Home (R3)	20	100%	287	100%	564	100%
Estimated Occupied Units - Count and Percentage	12	61%	195	68%	401	71%
Population Calculation	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Estimated Occupied Units	12	100%	195	100%	401	100%
Population Estimate= Occupied Units (x) Municipal Avg. Household Size (2.49)	12*2.04=24		195*2.04=398		401*2.04=819	
Race/Hispanic Ethnicity	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Total Population (in Occupied Housing Units)	24	100%	398	100%	819	100%
White	20	82%	325	82%	680	83%
Black or African American	2	9%	29	7%	58	7%
American Indian and Alaska Native	0.3	1%	4	1%	6	1%
Asian	0.4	2%	7	2%	16	2%
Some Other Race	0.5	2%	14	4%	25	3%
Hispanic	2	8%	38	10%	70	9%
Non-Hispanic, White Population	19	78%	309	78%	648	79%
Minority Population (Total Population minus Non-Hispanic, White Population)	5	22%	89	22%	171	21%
Age	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Total Population (in Occupied Housing Units)	24	100%	398	100%	819	100%
Young Children (<5)	1	4%	25	6%	46	6%
School-Age Children (5-17)	3	12%	49	12%	87	11%
Age 18-24	3	14%	49	12%	106	13%
Age 25-44	7	28%	113	28%	261	32%
Age 45-64	7	28%	103	26%	205	25%
Age 65-74	2	8%	35	9%	66	8%
Age ≥75	2	7%	25	6%	48	6%
Population 16-64 (For Individuals with a disability variable)†	17	72%	288	72%	594	72%
Population ≥25 (For educational attainment variable)	17	71%	275	69%	580	71%
Population ≥16 (For employment variable)†	21	87%	346	87%	712	87%
Population ≥65 (For age ≥65 in group quarters variable)†	4	15%	60	15%	114	14%
Disability	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Total Population (in Occupied Housing Units, age 16-64)	17	100%	288	100%	594	100%
Individuals with Disabilities	1	7%	22	8%	43	7%
Limited English Proficiency (LEP)	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Estimated Occupied Housing Units	12	100%	195	100%	401	100%
Limited English Proficiency Households	0.2	2%	4	2%	8	2%
Educational Attainment	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Total Population (in Occupied Housing Units, age ≥25)	17	100%	275	100%	580	100%
Less than a High School Diploma or Equivalent	1	8%	25	9%	50	9%
High School Diploma or GED	3	19%	59	21%	124	21%
Professional School	1	4%	10	4%	18	3%
Associate's/Bachelor's	6	33%	88	32%	187	32%
Master's/PhD	3	18%	47	17%	102	18%
Other (Some College)	3	17%	46	17%	99	17%
Employment	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Total Population (in Occupied Housing Units, age ≥16)	21	100%	346	100%	712	100%
Employed	16	76%	274	79%	571	80%
Unemployed	1	7%	22	6%	43	6%
Job Industry ‡	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Total Population (age ≥16 and employed)	16	100%	274	100%	571	100%
Agriculture, forestry, fishing & hunting, mining	0	0%	1	0.2%	1	0.2%
Construction	1	4%	11	4%	23	4%
Manufacturing	1	6%	18	6%	37	6%
Wholesale trade	0.2	2%	4	2%	9	2%
Retail trade	2	10%	28	10%	58	10%
Transportation & warehousing, utilities	0.4	2%	6	2%	13	2%
Information	0.2	1%	4	1%	8	1%
Finance & insurance, real estate, rental & leasing	1	6%	17	6%	35	6%
Professional, scientific, management, administrative, waste management services	2	13%	36	13%	76	13%
Educational services, health care, social assistance	4	24%	65	24%	135	24%
Arts, entertainment, recreation, accommodation & food services	3	21%	57	21%	119	21%
Other services (except public administration)	1	4%	12	4%	24	4%
Public administration	1	6%	16	6%	33	6%
Income	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Estimated Occupied Housing Units	12	100%	195	100%	401	100%
Less than \$24,999K	3	24%	48	24%	92	23%
\$25,000 to 49,999	2	20%	38	20%	83	21%
\$50,000 to 74,999	2	14%	28	15%	56	14%
\$75,000 to 124,999	3	23%	45	23%	98	24%
\$125,000 and greater	2	19%	35	18%	72	18%
Total Population (in Occupied Housing Units)	24	100%	398	100%	819	100%
Income Below Poverty Level	3	14%	55	14%	104	13%
Income Above Poverty Level	21	86%	343	86%	715	87%
Estimated Occupied Housing Units	12	100%	195	100%	401	100%
With Social Security Income (SSI) Households	1	8%	17	9%	31	8%
Without Social Security Income (SSI) Households	11	92%	178	91%	370	92%
Housing Occupancy	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Total Housing Units	20	100%	287	100%	564	100%
Occupied Housing Units	12	61%	195	68%	401	71%
Vacant Housing Units	8	39%	91	32%	163	29%
Estimated Occupied Housing Units	12	100%	195	100%	401	100%
Owner-Occupied Housing Units	6	46%	81	41%	188	47%
Renter-Occupied Housing Units	7	54%	115	59%	213	53%
Total Population (in Occupied Housing Units)	24	100%	398	100%	819	100%
Population in Group Quarters	3	11%	24	6%	118	14%
Total Population (age ≥65)	4	100%	60	100%	114	100%
Age ≥65 in Group Quarters†	0.4	10%	5	8%	9	8%
Housing Tenure*	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
Total Population (in Occupied Housing Units)	24	100%	398	100%	819	100%
Population in Property Owned with mortgage or loan	7	29%	118	30%	263	32%
Population in Property Owned free and clear	3	12%	43	11%	90	11%
Population in Renter-Occupied Units	14	59%	237	60%	466	57%
Employment and Business Unit Data‡					Count	
Average Employment - Municipality					17616	
Number of Units (Business - Private and Government)					1302	
Average Number of Workers per Unit (Business - Private and Government)					14	
Workers Per Commercial Unit	SLR 1	SLR 3	SLR 5	SLR 7		
e911 Commercial Unit Total	3	23	103	196		
Average Number of Workers/Jobs per Commercial Unit	41	311	1394	2652		

HOUSING UNITS & POPULATION

DEMOGRAPHIC

SOCIAL

ECONOMIC

HOUSING

JOBS