

# SOUTH KINGSTOWN, 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.

### SOUTH KINGSTOWN QUICK FACTS

30,639

2010 Census Population

35.7

2010 Census Median Age

\$72,021

2014 ACS Median Household Income

### SOUTH KINGSTOWN'S COASTAL OCCUPIED RESIDENTIAL UNITS & POPULATION ESTIMATES

South Kingstown is one of Rhode Island's 21 coastal communities, located south of East Greenwich, and north of South Kingstown, Rhode Island.

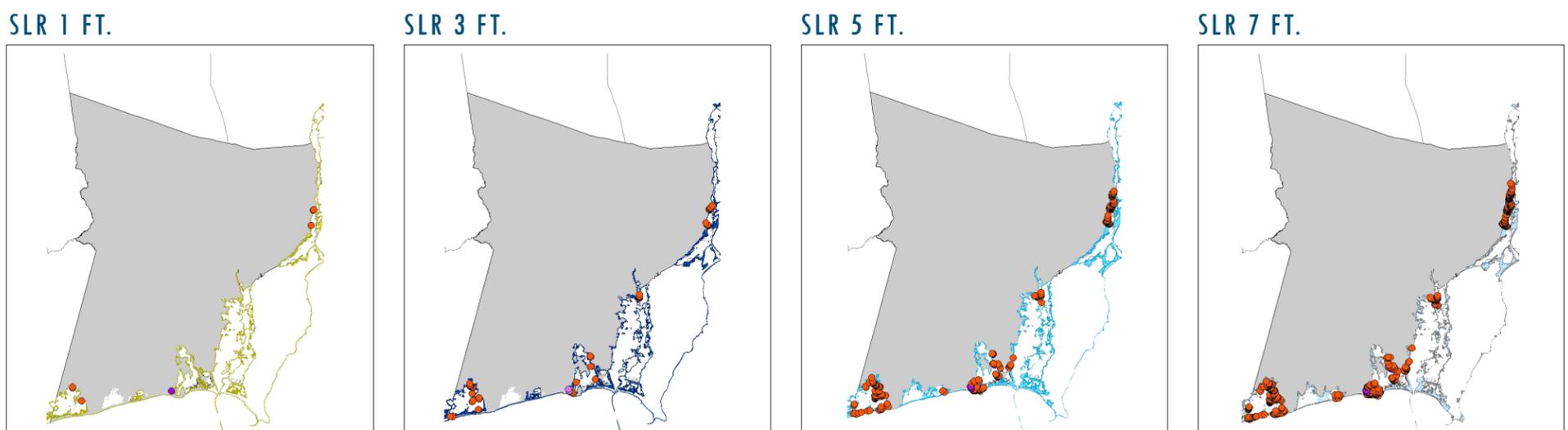
South Kingstown has an average household size of 2.40 (2010 Census). The average household size and the percentage of occupied housing units were used to calculate a population estimate. Approximately 49-51% of the residential units located within SLR inundation zones 3, 5 and 7 FT. are occupied units. 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 the units are single family. There is a significant change between the estimated population located in the 3 and 5 FT. inundation zone, with an additional 197 people estimated in the 5 FT. zone. The 7 FT. inundation zone has the greatest population and number of residential units, with 511 people estimated within the zone and 213 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) South Kingstown Avg. HH Size)
1FT.	6 SF, 1 Mobile	4 (51% occ. HU)	10
3FT.	55 SF, 1 MF, 6 Mobile	32 (50% occ. HU)	77
5FT.	217 SF, 2 MF, 10 Mobile	114 (49% occ. HU)	274
7FT.	412 SF, 5 MF, 12 Mobile	213 (49% occ. HU)	511



### 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. Purple points signify mobile home units.



# SOUTH KINGSTOWN, RI

## SOCIOECONOMICS OF SEA LEVEL RISE COASTAL FACTSHEET



### SLR 1

### SLR 3

### SLR 5

### SLR 7

EST. POPULATION: 10  
EST. OCCUPIED HOUSEHOLDS: 4

EST. POPULATION: 77  
EST. OCCUPIED HOUSEHOLDS: 32

EST. POPULATION: 274  
EST. OCCUPIED HOUSEHOLDS: 114

EST. POPULATION: 511  
EST. OCCUPIED HOUSEHOLDS: 213

**98% or 10** - White  
**0%** - Black  
**1% or 0.1** - American Indian/Alaska Native  
**1% or 0.1** - Asian  
**2% or 0.2** - Hispanic  
**4% or 0.4** - Minority

**98% or 75** - White  
**0%** - Black  
**1% or 0.4** - American Indian/Alaska Native  
**1% or 0.5** - Asian  
**2% or 1** - Hispanic  
**4% or 3** - Minority

**97% or 266** - White  
**1% or 1** - Black  
**1% or 2** - American Indian/Alaska Native  
**1% or 2** - Asian  
**1% or 4** - Hispanic  
**4% or 11** - Minority

**97% or 496** - White  
**1% or 3** - Black  
**1% or 3** - American Indian/Alaska Native  
**1% or 3** - Asian  
**1% or 7** - Hispanic  
**4% or 20** - Minority



**8% or 0.4** are Individuals with Disabilities

**8% or 4** are Individuals with Disabilities

**9% or 17** are Individuals with Disabilities

**8% or 28** are Individuals with Disabilities

**0%** are Limited English Proficiency Households

**7% or 1** are Unemployed

**7% or 5** are Unemployed

**8% or 18** are Unemployed

**7% or 32** are Unemployed

**5% or 1** are Individuals Below Poverty Level

**5% or 4** are Individuals Below Poverty Level

**5% or 14** are Individuals Below Poverty Level

**5% or 24** are Individuals Below Poverty Level

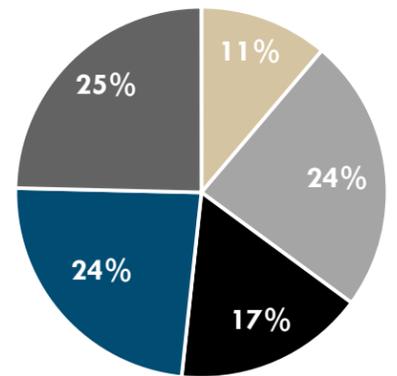
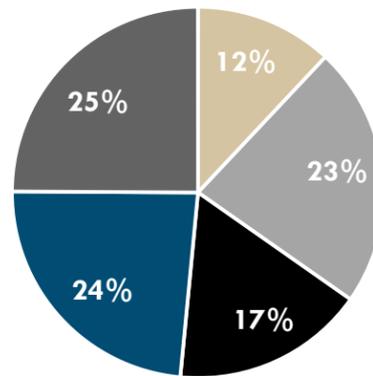
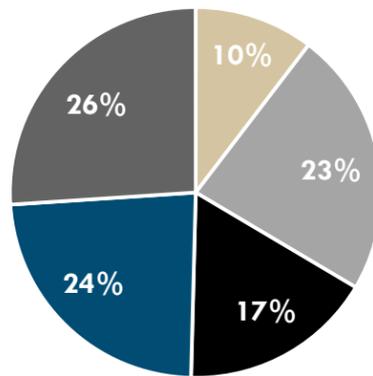
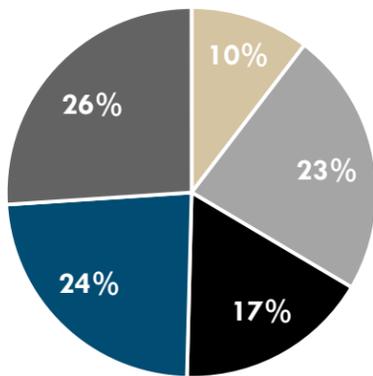
**4% or 0.2** Households receive SSI

**4% or 1** Households receive SSI

**5% or 6** Households receive SSI

**5% or 11** 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

**18%** Renter Occupied  
**21%** Owned Outright

**18%** Renter Occupied  
**21%** Owned Outright

**23%** Renter Occupied  
**20%** Owned Outright

**25%** Renter Occupied  
**18%** Owned Outright



**61%**  
Owned with Mortgage/Loan

**61%**  
Owned with Mortgage/Loan

**57%**  
Owned with Mortgage/Loan

**57%**  
Owned with Mortgage/Loan

RACE & AGE

SOCIAL CHARACTERISTICS

HOUSEHOLD INCOME

HOUSEHOLD CHARACTERISTICS

# SOUTH KINGSTOWN

Variable Name	Sea Level Rise (SLR)							Count
	SLR 1	SLR 3	SLR 5	SLR 7	SLR 10	SLR 15	SLR 20	
<b>e911 Housing Unit Total</b>								<b>SLR 7</b>
Single Family (R1) Units	6	55	217				412	
Multifamily (R2) Units with Calculation (*2)	0	1*2=2	2*2=4				5*2=10	
Mobile Home (R3) Units	1	6	10				12	
<b>Total Units: Single Family (R1), Multifamily (R2), Mobile Home (R3)</b>	<b>7</b>	<b>63</b>	<b>231</b>				<b>434</b>	
<b>Note:</b> 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
<b>e911 Occupied Housing Unit Calculation</b>	<b>SLR 1</b>	<b>SLR 1 %</b>	<b>SLR 3</b>	<b>SLR 3 %</b>	<b>SLR 5</b>	<b>SLR 5 %</b>	<b>SLR 7</b>	<b>SLR 7 %</b>
<b>Total Units: Single Family (R1), Multifamily (R2), Mobile Home (R3)</b>	<b>7</b>	<b>100%</b>	<b>63</b>	<b>100%</b>	<b>231</b>	<b>100%</b>	<b>434</b>	<b>100%</b>
Estimated Occupied Units - Count and Percentage	4	51%	32	50%	114	49%	213	49%
<b>Population Calculation</b>	<b>SLR 1</b>		<b>SLR 3</b>		<b>SLR 5</b>		<b>SLR 7</b>	
<b>Estimated Occupied Units</b>	<b>4</b>	<b>100%</b>	<b>32</b>	<b>100%</b>	<b>114</b>	<b>100%</b>	<b>213</b>	<b>100%</b>
Population Estimate= Occupied Units (x) Municipal Avg. Household Size (2.54)	4*2.40=10		32*2.40=77		114*2.40=274		213*2.40=511	
Race/Hispanic Ethnicity	SLR 1	SLR 1 %	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
<b>Total Population (in Occupied Housing Units)</b>	<b>10</b>	<b>100%</b>	<b>77</b>	<b>100%</b>	<b>274</b>	<b>100%</b>	<b>511</b>	<b>100%</b>
White	10	98%	75	98%	266	97%	496	97%
Black or African American	0	0%	0	0%	1	1%	3	1%
American Indian and Alaska Native	0.1	1%	0.4	1%	2	1%	3	1%
Asian	0.1	1%	0.5	1%	2	1%	3	1%
Some Other Race	0	0%	0	0%	1	0.3%	1	0.3%
Hispanic	0.2	2%	1	2%	4	1%	7	1%
Non-Hispanic, White Population	10	96%	74	96%	263	96%	491	96%
Minority Population (Total Population minus Non-Hispanic, White Population)	0.4	4%	3	4%	11	4%	20	4%
Age	SLR 1	SLR 1 %	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
<b>Total Population (in Occupied Housing Units)</b>	<b>10</b>	<b>100%</b>	<b>77</b>	<b>100%</b>	<b>274</b>	<b>100%</b>	<b>511</b>	<b>100%</b>
Young Children (<5)	0	4%	3	4%	11	4%	21	4%
School-Age Children (5-17)	2	16%	12	16%	43	16%	80	16%
Age 18-24	1	7%	5	7%	21	8%	39	8%
Age 25-44	2	18%	15	19%	50	18%	95	19%
Age 45-64	3	35%	27	35%	97	35%	179	35%
Age 65-74	1	11%	8	11%	29	10%	53	10%
Age ≥75	1	9%	7	9%	24	9%	44	9%
Population 16-64 (For Individuals with a disability variable) <sup>+</sup>	5	70%	54	70%	192	70%	357	70%
Population ≥25 (For educational attainment variable)	7	73%	57	73%	199	73%	371	73%
Population ≥16 (For employment variable) <sup>+</sup>	9	86%	66	86%	235	86%	439	86%
Population ≥65 (For age ≥65 in group quarters variable) <sup>+</sup>	2	20%	15.0	20%	53	19%	98	19%
Disability	SLR 1	SLR 1 %	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
<b>Total Population (in Occupied Housing Units, age 16-64)</b>	<b>5</b>	<b>100%</b>	<b>54</b>	<b>100%</b>	<b>192</b>	<b>100%</b>	<b>357</b>	<b>100%</b>
Individuals with Disabilities	0.4	8%	4	8%	17	9%	28	8%
Limited English Proficiency (LEP)	SLR 1	SLR 1 %	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
<b>Estimated Occupied Housing Units</b>	<b>4</b>	<b>100%</b>	<b>32</b>	<b>100%</b>	<b>114</b>	<b>100%</b>	<b>213</b>	<b>100%</b>
Limited English Proficiency Households	0	0%	0	0%	0	0%	0	0%
Educational Attainment	SLR 1	SLR 1 %	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
<b>Total Population (in Occupied Housing Units, age ≥25)</b>	<b>7</b>	<b>100%</b>	<b>57</b>	<b>100%</b>	<b>199</b>	<b>100%</b>	<b>371</b>	<b>100%</b>
Less than a High School Diploma or Equivalent	0.3	4%	2	4%	10	5%	19	5%
High School Diploma or GED	1	18%	10	18%	37	18%	72	19%
Professional School	0.3	4%	2.2	4%	9	5%	17	5%
Associate's/Bachelor's	3	37%	21	37%	74	37%	138	37%
Master's/PhD	1	17%	9	17%	32	16%	57	15%
Other (Some College)	1	21%	12	21%	38	19%	69	19%
Employment	SLR 1	SLR 1 %	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
<b>Total Population (in Occupied Housing Units, age ≥16)</b>	<b>9</b>	<b>100%</b>	<b>66</b>	<b>100%</b>	<b>235</b>	<b>100%</b>	<b>439</b>	<b>100%</b>
Employed	8	93%	61	93%	217	92%	407	93%
Unemployed	1	7%	5	7%	18	8%	32	7%
Job Industry ‡	SLR 1	SLR 1 %	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
<b>Total Population (age ≥16 and employed)</b>	<b>8</b>	<b>100%</b>	<b>61</b>	<b>100%</b>	<b>217</b>	<b>100%</b>	<b>407</b>	<b>100%</b>
Agriculture, forestry, fishing & hunting, mining	0.1	1%	0.5	1%	2	1%	3	1%
Construction	0.4	5%	3	5%	10	5%	19	5%
Manufacturing	0.5	6%	4	6%	13	6%	25	6%
Wholesale trade	0.1	2%	1	2%	4	2%	7	2%
Retail trade	1	13%	8	13%	28	13%	53	13%
Transportation & warehousing, utilities	0.2	2%	2	2%	5	2%	10	2%
Information	0.1	1%	1	1%	2	1%	4	1%
Finance & insurance, real estate, rental & leasing	1	6%	4	6%	14	6%	26	6%
Professional, scientific, management, administrative, waste management services	1	9%	5	9%	19	9%	35	9%
Educational services, health care, social assistance	2	31%	19	31%	67	31%	127	31%
Arts, entertainment, recreation, accommodation & food services	1	15%	9	15%	33	15%	62	15%
Other services (except public administration)	0.4	5%	3	5%	10	5%	18	5%
Public administration	0.3	4%	3	4%	9	4%	18	4%
Income	SLR 1	SLR 1 %	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
<b>Estimated Occupied Housing Units</b>	<b>4</b>	<b>100%</b>	<b>32</b>	<b>100%</b>	<b>114</b>	<b>100%</b>	<b>213</b>	<b>100%</b>
Less than \$24,999K	0.4	10%	3	10%	14	12%	24	11%
\$25,000 to 49,999	1	23%	7	23%	26	23%	51	24%
\$50,000 to 74,999	1	17%	5	17%	19	17%	35	17%
\$75,000 to 124,999	1	24%	8	24%	27	24%	50	24%
\$125,000 and greater	1	26%	8	26%	28	25%	52	25%
<b>Total Population (in Occupied Housing Units)</b>	<b>10</b>	<b>100%</b>	<b>77</b>	<b>100%</b>	<b>274</b>	<b>100%</b>	<b>511</b>	<b>100%</b>
Income Below Poverty Level	1	5%	4	5%	14	5%	24	5%
Income Above Poverty Level	9	95%	73	95%	260	95%	487	95%
<b>Estimated Occupied Housing Units</b>	<b>4</b>	<b>100%</b>	<b>32</b>	<b>100%</b>	<b>114</b>	<b>100%</b>	<b>213</b>	<b>100%</b>
With Social Security Income (SSI) Households	0.2	4%	1	4%	6	5%	11	5%
Without Social Security Income (SSI) Households	4	96%	31	96%	108	95%	202	95%
Housing Occupancy	SLR 1	SLR 1 %	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
<b>Total Housing Units</b>	<b>7</b>	<b>100%</b>	<b>63</b>	<b>100%</b>	<b>231</b>	<b>100%</b>	<b>434</b>	<b>100%</b>
Occupied Housing Units	4	51%	32	50%	114	49%	213	49%
Vacant Housing Units	3	49%	31	50%	117	51%	221	51%
<b>Estimated Occupied Housing Units</b>	<b>4</b>	<b>100%</b>	<b>32</b>	<b>100%</b>	<b>114</b>	<b>100%</b>	<b>213</b>	<b>100%</b>
Owner-Occupied Housing Units	3	78%	25	78%	91	79%	168	79%
Renter-Occupied Housing Units	1	22%	7	22%	24	21%	45	21%
<b>Total Population (in Occupied Housing Units)</b>	<b>10</b>	<b>100%</b>	<b>77</b>	<b>100%</b>	<b>274</b>	<b>100%</b>	<b>511</b>	<b>100%</b>
Population in Group Quarters	1	6%	4	5%	12	4%	21	4%
<b>Total Population (age ≥65)</b>	<b>2</b>	<b>100%</b>	<b>15</b>	<b>100%</b>	<b>53</b>	<b>100%</b>	<b>98</b>	<b>100%</b>
Age ≥65 in Group Quarters <sup>+</sup>	0	0%	0.0	0%	0	0%	0	0%
Housing Tenure*	SLR 1	SLR 1 %	SLR 3	SLR 3 %	SLR 5	SLR 5 %	SLR 7	SLR 7 %
<b>Total Population (in Occupied Housing Units)</b>	<b>10</b>	<b>100%</b>	<b>77</b>	<b>100%</b>	<b>274</b>	<b>100%</b>	<b>511</b>	<b>100%</b>
Population in Property Owned with mortgage or loan	6	61%	47	61%	156	57%	291	57%
Population in Property Owned free and clear	2	21%	16	21%	54	20%	94	18%
Population in Renter-Occupied Units	2	18%	14	18%	64	23%	126	25%
Employment and Business Unit Data‡								Count
<b>Average Employment - Municipality</b>								<b>13757</b>
<b>Number of Units (Business - Private and Government)</b>								<b>1018</b>
<b>Average Number of Workers per Unit (Business - Private and Government)</b>								<b>14</b>
Workers Per Commercial Unit								SLR 3
e911 Commercial Unit Total								1
Average Number of Workers/Jobs per Commercial Unit								108

HOUSING UNITS & POPULATION

DEMOGRAPHIC

SOCIAL

ECONOMIC

HOUSING

JOBS