

Appendix V – Environmental Justice Supplementary Material



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1. Introduction

This appendix provides an overview of the racial and ethnic characteristics as well as the poverty rates in the Oyster Creek and BL England study areas for the Ocean Wind Offshore Wind Farm Project (Project). Data was obtained from the U.S. Census American Community Survey File # B17017 and File # B03002 - 2020 5-Year Estimates Detailed Tables data, revised on March 17, 2022. The study area and methodology used to identify environmental justice populations and to evaluate impacts are described in Section 2.3.2 of the COP, Volume II. This appendix also provides the full EJScreen 2.0 report that is described in Section 2.3.2 of the COP, Volume II.

2. Racial and ethnic characteristics in the study areas

Table 2-1 provides an overview of the racial and ethnic characteristics of the population in the census tracts within the study areas in Atlantic, Ocean, and Cape May Counties. For the Oyster Creek study area, the minority threshold is 10 percentage points higher than the county average of 12.6 percent, or 22.6 percent. In the Oyster Creek study area, the minority population in two block groups is higher than the county average; however, neither of these two block groups exceed the minority threshold. For the BL England Study area, in Cape May County, the minority threshold is 10 percentage points higher than the county average of 10.3 percent, or 20.3 percent. Two block groups in the BL England study area have a minority population higher than the county average, but only one block group exceeds the minority threshold. This block group is Block Group 4, Census Tract 201.01, which has a minority population of 41.5 percent. The BL England study area overlaps a small portion of Atlantic County that is not populated. Block groups with a minority population that exceeds the average rate for the county are indicated in bold in **Table 2-1**.

Table 2-1 - Racial and ethnic characteristics in the Oyster Creek and BL England study areas (block groups that exceed the county level minority average are shown in bold).

Geography	White	African American	Native	Asian	Pacific Islander	Other	Two or More Races	Hispanic or Latino	Sum	Percent Minority
Atlantic County	150,070	37,289	633	20,898	103	313	6,649	50,150	266,105	29.6%
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ocean County	504,971	16,720	233	11,052	123	481	6,686	54,932	596,415	12.6%
Block Group 3, Census Tract 7320.02, Ocean County, New Jersey	1,677	16,510	246	11,009	164	573	8,010	232	2,128	12.3%
Block Group 2, Census Tract 7321.04, Ocean County, New Jersey	1,261	189	0	30	0	0	0	120	1,457	13.4%
Block Group 3, Census Tract 7321.04, Ocean County, New Jersey	777	0	15	61	0	0	0	64	895	13.2%
Block Group 1, Census Tract 7330, Ocean County, New Jersey	2,282	0	0	54	0	0	0	21	2,367	3.6%
Block Group 2, Census Tract 7330, Ocean County, New Jersey	1,134	0	0	0	0	0	64	38	1,172	3.2%
Block Group 3, Census Tract 7330, Ocean County, New Jersey	1,900	0	0	0	0	0	0	130	2,111	10.0%
Block Group 4, Census Tract 7330, Ocean County, New Jersey	3,157	0	70	0	0	0	11	72	3,353	3.6%
Block Group 1, Census Tract 9800, Ocean County, New Jersey	0	0	0	0	0	0	0	0	0	N/A
Cape May County	79,373	4,124	20	860	0	106	1,450	7,153	93,086	10.3%
Block Group 1, Census Tract 201.01, Cape May County, New Jersey	575	291	0	0	0	0	16	91	973	11.0%
Block Group 2, Census Tract 201.01, Cape May County, New Jersey	741	19	2	0	0	0	19	55	836	9.1%
Block Group 3, Census Tract 201.01, Cape May County, New Jersey	779	17	0	14	0	0	122	21	953	16.5%

Geography	White	African American	Native	Asian	Pacific Islander	Other	Two or More Races	Hispanic or Latino	Sum	Percent Minority
Block Group 4, Census Tract 201.01, Cape May County, New Jersey	548	14	0	70	0	0	74	265	986	41.5%
Block Group 1, Census Tract 201.02, Cape May County, New Jersey	285	2	0	0	0	0	0	1	288	0.4%
Block Group 2, Census Tract 201.02, Cape May County, New Jersey	653	0	0	0	0	0	0	69	722	9.6%
Block Group 3, Census Tract 201.02, Cape May County, New Jersey	1020	0	0	0	0	0	0	18	1,038	1.7%
Block Group 1, Census Tract 202.03, Cape May County, New Jersey	376	0	0	0	0	0	0	0	376	0.0%
Block Group 2, Census Tract 202.03, Cape May County, New Jersey	906	16	0	0	0	0	0	29	951	3.0%
Block Group 3, Census Tract 202.03, Cape May County, New Jersey	827	0	0	0	0	0	0	0	827	0.0%
Block Group 1, Census Tract 202.06, Cape May County, New Jersey	474	0	0	0	0	0	0	0	474	0.0%
Block Group 2, Census Tract 202.06, Cape May County, New Jersey	368	0	0	0	0	0	0	0	368	0.0%
Block Group 1, Census Tract 203.01, Cape May County, New Jersey	1,056	14	0	10	0	0	0	64	1,144	6.5%
Block Group 2, Census Tract 203.01, Cape May County, New Jersey	1,727	0	0	0	0	0	15	0	1,742	0.9%
Block Group 3, Census Tract 203.01, Cape May County, New Jersey	513	0	0	0	0	0	0	55	568	9.7%
Block Group 4, Census Tract 203.01, Cape May County, New Jersey	1066	0	0	0	0	0	0	0	1,066	0.0%

Source: U.S. Census 2016-2020 ACS 5-Year Estimates

The U.S. Census (2018) uses the following definitions to define race categories:

- White. A person having origins in any of the original peoples of Europe, the Middle East, or North Africa. It includes people who indicate their race as "White" or report entries such as Irish, German, Italian, Lebanese, Arab, Moroccan, or Caucasian.

- Black or African American. A person having origins in any of the Black racial groups of Africa. It includes people who indicate their race as "Black or African American," or report entries such as African American, Kenyan, Nigerian, or Haitian.
- American Indian and Alaska Native. A person having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment. This category includes people who indicate their race as "American Indian or Alaska Native" or report entries such as Navajo, Blackfeet, Inupiat, Yup'ik, or Central American Indian groups or South American Indian groups.
- Asian. A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. This includes people who reported detailed Asian responses such as: "Asian Indian," "Chinese," "Filipino," "Korean," "Japanese," "Vietnamese," and "Other Asian" or provide other detailed Asian responses.
- Native Hawaiian and Other Pacific Islander. A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. It includes people who reported their race as "Fijian," "Guamanian or Chamorro," "Marshallese," "Native Hawaiian," "Samoan," "Tongan," and "Other Pacific Islander" or provide other detailed Pacific Islander responses.
- Two or more races. People may choose to provide two or more races either by checking two or more race response check boxes, by providing multiple responses, or by some combination of check boxes and other responses. For data product purposes, "Two or More Races" refers to combinations of two or more of the following race categories: "White," "Black or African American," American Indian or Alaska Native," "Asian," Native Hawaiian or Other Pacific Islander," or "Some Other Race."

3. Poverty rates in the study areas

Table 3-1 provides an overview of the households with incomes below the poverty line in the block groups in Ocean, Atlantic, and Cape May Counties that are within the Oyster Creek and BL England study areas. The BL England study area overlaps a small portion of Atlantic County that is not populated. In Ocean County, three block groups in the Oyster Creek study area have poverty rates that exceed the county rate of 8.6 percent. In Cape May County, three block groups in the BL England study area have a poverty rate higher than the county average of 9.5 percent. The block groups that exceed the county level poverty rate are indicated in bold in **Table 3-1**.

Table 3-1 - Poverty rates in the Oyster Creek and BL England study areas (block groups that exceed the county level poverty rate are shown in bold).

Geography	Total Households	Households Below Poverty	Percent
Atlantic County, New Jersey	99,850	12,748	12.8%
None	N/A	N/A	N/A
Cape May County, New Jersey	40,171	3,812	9.5%
Block Group 1, Census Tract 201.01, Cape May County, New Jersey	402	67	16.7%
Block Group 2, Census Tract 201.01, Cape May County, New Jersey	380	21	5.5%
Block Group 3, Census Tract 201.01, Cape May County, New Jersey	538	50	9.3%
Block Group 4, Census Tract 201.01, Cape May County, New Jersey	437	40	9.2%
Block Group 1, Census Tract 201.02, Cape May County, New Jersey	119	10	8.4%
Block Group 2, Census Tract 201.02, Cape May County, New Jersey	403	12	3.0%
Block Group 3, Census Tract 201.02, Cape May County, New Jersey	478	28	5.9%
Block Group 1, Census Tract 202.03, Cape May County, New Jersey	203	23	11.3%
Block Group 2, Census Tract 202.03, Cape May County, New Jersey	435	59	13.6%
Block Group 3, Census Tract 202.03, Cape May County, New Jersey	382	9	2.4%
Block Group 1, Census Tract 202.06, Cape May County, New Jersey	205	7	3.4%
Block Group 2, Census Tract 202.06, Cape May County, New Jersey	206	10	4.8%
Block Group 1, Census Tract 203.01, Cape May County, New Jersey	453	37	8.2%
Block Group 2, Census Tract 203.01, Cape May County, New Jersey	710	37	5.2%
Block Group 3, Census Tract 203.01, Cape May County, New Jersey	271	8	2.9%
Block Group 4, Census Tract 203.01, Cape May County, New Jersey	448	7	1.6%

Geography	Total Households	Households Below Poverty	Percent
Ocean County, New Jersey	226,160	19,556	8.6%
Block Group 3, Census Tract 7320.02, Ocean County, New Jersey	983	144	14.6%
Block Group 3, Census Tract 7321.04, Ocean County, New Jersey	331	0	0.0%
Block Group 2, Census Tract 7321.04, Ocean County, New Jersey	587	56	9.5%
Block Group 1, Census Tract 7330, Ocean County, New Jersey	895	13	1.4%
Block Group 2, Census Tract 7330, Ocean County, New Jersey	559	47	8.4%
Block Group 3, Census Tract 7330, Ocean County, New Jersey	906	161	17.8%
Block Group 4, Census Tract 7330, Ocean County, New Jersey	1,711	131	7.7%
Block Group 1, Census Tract 98000, Ocean County, New Jersey	0	0	0%

4. Literature Cited

U.S. Census Bureau. 2018. Race. Retrieved from: <https://www.census.gov/quickfacts/fact/note/US/RHI425217>.

U.S. Census Bureau. 2022. 2016-2020 American Community Survey 5-Year Estimates. Data revised March 17, 2022.