Appendix I.   Supplemental Information

I.1.   Climate and Meteorology

Conditions that affect the weather and climate in an area include wind velocity, air temperature, and precipitation. Long-term averages of these conditions produce the regional climate. Extreme meteorological conditions are produced in the Mid-Atlantic region of the United States during tropical and extra-tropical storms. Over the open ocean, meteorological characteristics are fundamentally influenced by oceanographic conditions and are therefore sometimes jointly discussed as "metocean" conditions. In temperate regions such as the Mid-Atlantic, several metocean conditions are highly seasonal and driven by both atmospheric and oceanic circulation patterns. Daily variability in meteorological conditions will drive fluctuations in wind farm power production and associated stresses on the WTGs, while long-term performance may be estimated based on the climatic conditions.

I.1.1   Regional Climate Overview

The Atlantic seaboard is classified as a mid-latitude climate zone based on the Köppen Climate Classification System. This larger region, which encompasses the Mid-Atlantic region, is characterized by mostly moist subtropical conditions, generally warm and humid in the summer with relatively mild winters (BOEM 2021). Prevailing winds at the middle latitudes over North America occur mostly west to east ("westerlies") and contribute to seasonal variability along the Atlantic seaboard (NJDEP 2010).

Consistent with the larger Mid-Atlantic region, the climate across New York state can be described as humid and continental (New York State Climate Action Council 2010). The New York Bight region along New York state's southern coast experiences four distinct seasons with cold air temperatures during the winter months. Areas along the Atlantic coast, including the New York Bight, are especially prone to coastal storms and their associated effects, including heavy precipitation, high winds, and coastal flooding (New York State Climate Action Council 2010). Coastal storms are common in the vicinity of the Lease Area and include hurricanes and tropical storms during the warmer months (July to September), and northeasters or "nor'easters" (extratropical storms in which the winds in coastal areas blow from the northeast) during the cooler months (October to April). Extreme rainfall and flooding associated with storm events contribute to erosion of New York state's coastal wetland areas and inland areas adjacent to the shoreline (New York State Climate Action Council 2010).

The North Atlantic Oscillation (NAO) also affects climate in the Northwest Atlantic on the scale of decades (NJDEP 2010; Townsend et al. 2004). The NAO is calculated as the wintertime pressure difference between the high-pressure system over the Azores Islands and the low-pressure system over Iceland (NJDEP 2010; Townsend et al. 2004). Shifts in the ratio of these pressures contribute to warmer or cooler average winters. Since the late 1970s, warmer NAO conditions have persisted on average (NJDEP 2010; Townsend et al. 2004). The NAO may be influenced by the El Niño-Southern Oscillation, which is a large-scale, multi-year fluctuation in sea surface temperatures in the Pacific Ocean (NJDEP 2010). The NAO may also be correlated with an 11-year solar cycle (IPCC 2021).

The U.S. Northeast region is currently subject to climate changes associated with global warming that are primarily attributed to human activities, especially the production of heat-trapping (i.e., "greenhouse") gases (Dupigny-Giroux et al. 2018; Hayhoe et al. 2018; IPCC 2021). These regional changes include an average winter-spring increase in air temperature of 1.67 °F (increase of 0.93 °C) between 1940 and 2014. By 2035, the Northeast region is expected to be 3.6 °F (2 °C) warmer on average than during the pre-industrial era (Dupigny-Giroux et al. 2018). The Northeast region has also seen a 55 percent increase in

the number of heaviest 1-percent precipitation events between 1958 and 2016 (Dupigny-Giroux et al. 2018). Severe storms have become more frequent and more intense. Storm flood heights driven by hurricanes in New York City have increased by more than 3.9 feet (1.2 meters) over the last thousand years (Dupigny-Giroux et al. 2018). Due to predicted increases in average global temperatures, the frequency and intensity of extreme regional weather events such as heat waves, strong winds, and heavy precipitation are expected to increase in the coming decades (New York State Climate Action Council 2010; Dupigny-Giroux et al. 2018).

I.1.2   Winds

Winds during the summer are typically from the southwest and flow parallel to the shore, while winds in the winter months are typically from the northwest and flow perpendicular to the shore. Spring and fall are more variable, with wind currents from either the southwest or northeast (Schofield et al. 2008). Empire has been collecting wind data, along with other directional wave and meteorological condition information, from a floating metocean buoy for 2 years. This metocean data will be used to inform final siting and design of the Projects (Empire 2023). Empire has also performed a preliminary metocean analysis using data from January 2000 through October 2019. This analysis shows that annual average wind speeds in the Lease Area at 33 feet (10 meters) AMSL range between 9.8 feet per second (3 meters per second [m/s]) and 23 feet per second (7 m/s) (Empire 2023 citing Kjeller Vindteknikk 2020). Winds in the Project area are predominantly from the south to southwest and the northwest (COP Appendix I; Empire 2023) as depicted on Figure I-1.
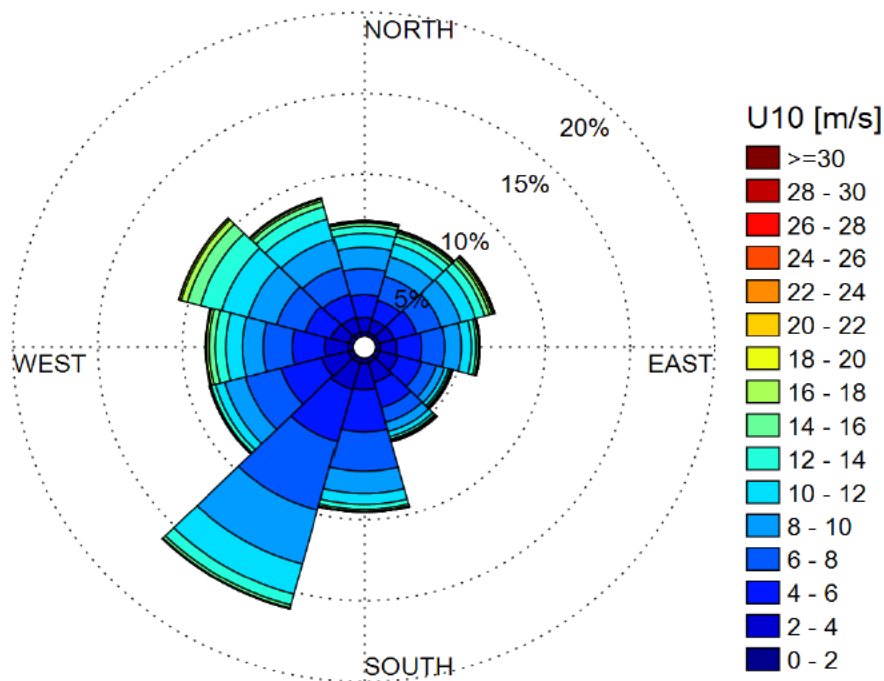
Source: COP Appendix I; Empire 2023
Note: Lease Area OCS-A 0512 is modeled at 40.28, -73.31 (latitude, longitude)

Figure I-1   All-Year Wind Rose at 33 Feet (10 Meters) AMSL for Lease Area OCS-A 0512 for the Period 2002–2019

In addition to the wind data presented above, representative data for wind speed and wind direction are publicly available from NOAA's National Data Buoy Center for the Long Island buoy (Buoy No. 44025) (NOAA 2021a) and the New York Harbor Entrance buoy (Buoy No. 44065) (NOAA 2021b). The Long Island buoy is within the Lease Area at coordinates of 40.251, -73.164 (latitude, longitude) and is 30 nm south of Islip, New York. The New York Harbor Entrance buoy is approximately 8 miles west of the Lease Area at coordinates of 40.369, -73.703.

The most recent data available from the New York Harbor Entrance buoy are for the period of January 2015 through December 2020. The maximum wind speed[1] recorded during this period was 47.4 miles per hour (mph) (21.2 m/s) in 2018, with average wind speeds from 11.2 to 15.7 mph (5 to 7 m/s) across these 6 years (Table I-1). Using 2017 as an example year to consider seasonal averages, the maximum wind speed was recorded in the spring of 2017 at 47.0 mph (21 m/s), although the highest average seasonal wind speed of 16.8 mph (7.5 m/s) occurred in the winter of 2017 (Table I-2). The average wind direction for all seasons between 2015 and 2020 was from the southwest. In other years, higher maximum wind speeds have occurred in summer and fall months due to tropical cyclones. For example, a maximum sustained wind speed of 51.4 mph (23.0 m/s) and gusts up to 70.5 mph (31.5 m/s) were recorded at the New York Harbor Entrance buoy on August 4, 2020, in association with Hurricane Isaias (NOAA 2021b).

Data from the Long Island buoy (Buoy No. 44025) in the Lease Area are available for the period of October 1975 through December 2008. The Long Island buoy measured similar conditions as the New York Harbor Entrance buoy with a maximum wind speed of 51.0 mph (22.8 m/s) in 1991, and average wind speeds from 11.2 to 18.9 mph (5.0 to 8.4 m/s) across the 34 years recorded (NOAA 2021a).

Table I-1   Annual Average and Maximum Wind Speed and Direction at New York Harbor Entrance Buoy (Buoy No. 44065) from January 2015 to December 2020

Year	Average Wind Speed		Maximum Wind Speed		Average Wind Direction
	mph	m/s	mph	m/s	Degrees from True North
2015	14.1	6.3	41.6	18.6	202 (Southwest)
2016	14.5	6.5	45.0	20.1	200 (Southwest)
2017	14.3	6.4	47.0	21.0	198 (Southwest)
2018	14.1	6.3	47.4	21.2	191 (Southwest)
2019	14.1	6.3	42.9	19.2	192 (Southwest)
2020	13.9	6.2	51.4	23.0	196 (Southwest)

Source: NOAA 2021b
Note: NOAA buoy measurements for wind speed are averaged over an 8-minute period.

Table I-2   Seasonal Average and Maximum Wind Speed and Direction at New York Harbor Entrance Buoy (Buoy No. 44065) in 2017

Season	Average Wind Speed		Maximum Wind Speed		Average Wind Direction
	mph	m/s	mph	m/s	Degrees from True North
Winter	16.8	7.5	44.3	19.8	223.9 (Southwest)
Spring	14.5	6.5	47.0	21.0	187.0 (South)
Summer	11.4	5.1	30.4	13.6	183.5 (South)

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[1] NOAA buoy measurements for wind speed are averaged over an 8-minute period. Higher speeds are recorded for 5- to 8-second gusts.

Season	Average Wind Speed		Maximum Wind Speed		Average Wind Direction
	mph	m/s	mph	m/s	Degrees from True North
Fall	15.2	6.8	39.1	17.5	197.8 (Southwest)

Source: NOAA 2021b
Note: NOAA buoy measurements for wind speed are averaged over an 8-minute period.

I.1.3 Air Temperature and Precipitation

NOAA's National Centers for Environmental Information, formerly the National Climatic Data Center, defines distinct climatological divisions to represent areas that are nearly climatically homogeneous. Locations within the same climatic division are considered to share the same overall climatic features and influences. The site of the Proposed Action is within the New York coastal division or New York Climate Division 4 (NOAA National Centers for Environmental Information 2021a).

The mean average annual air temperature in the coastal division of New York was 51.4 °F (10.8 °C) between 1895 and 2021 (NOAA National Centers for Environmental Information 2021b). The seasonal mean ranged from 31.9 °F (-0.1 °C) in winter (December through February) to 70.8 °F (21.6 °C) in summer (June through August) (NOAA National Centers for Environmental Information 2021b).

Air temperature information is also available from NOAA's National Data Buoy Center Long Island buoy (Buoy No. 44025) and New York Harbor Entrance buoy (Buoy No. 44065). This information is presented in Table I-3 and shows air temperatures near the Lease Area ranging from 35 °F to 75 °F (1.67 °C to 23.90 °C), with the higher temperatures during the summer months (Empire 2023 citing NOAA 2018b, 2018c). Minimum, mean, and maximum air temperatures occurring over the Lease Area at 2 meters AMSL from the period between 2002 and 2019 are shown graphically on Figure I-2.

Table I-3   Average Air Temperature at NOAA Buoys in the Study Area

Month	Average Air Temperature in °F (°C)	
	Buoy Number 44065 (2008–2018)	Buoy Number 44025 (2007–2018)
January	35.01 (1.67)	37.98 (3.32)
February	36.66 (2.59)	38.70 (3.72)
March	39.58 (4.21)	41.49 (5.27)
April	46.65 (8.14)	47.03 (8.35)
May	56.71 (13.73)	55.33 (12.96)
June	66.04 (18.91)	65.46 (18.59)
July	73.92 (23.29)	73.29 (22.94)
August	75.02 (23.90)	73.98 (23.32)
September	69.69 (20.94)	68.61 (20.34)
October	59.94 (15.52)	60.53 (15.85)
November	49.10 (9.50)	51.06 (10.59)
December	42.13 (5.63)	43.77 (6.54)

Sources: Empire 2023 citing NOAA 2018b, 2018c

EMPIRE Wind - Lease Area OCS-A 0512 - Air Temperature at 2 m height
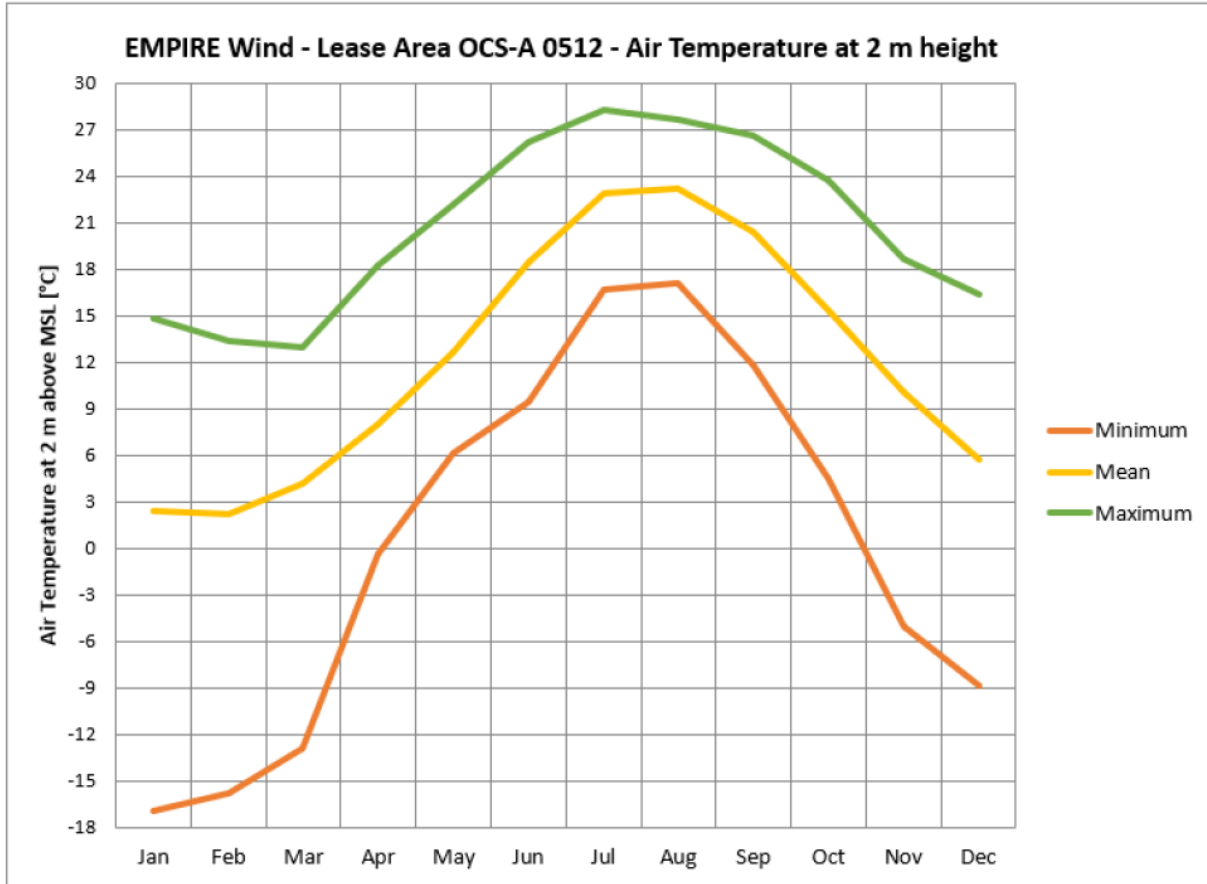
Source: Empire 2023 citing Kjeller Vindteknikk 2020

Figure I-2   Minimum, Mean, and Maximum Air Temperature at 2 Meters AMSL at Lease Area OCS-A 0512

Precipitation in the New York coastal region primarily takes the form of rain and snow. The mean annual precipitation for the coastal region of New York between 1895 and 2021 was 44.89 inches (114.0 centimeters) (NOAA National Centers for Environmental Information 2021c). During the same period, the mean monthly precipitation ranged from 3.40 inches (8.6 centimeters) in February to 4.19 inches (10.6 centimeters) in March (NOAA National Centers for Environmental Information 2021c). A summary of monthly and annual mean temperature and precipitation data collected for the New York coastal division between 1895 and 2021 is presented in Table I-4.

Table I-4   Mean Temperatures and Precipitation for New York Coastal Division, 1895 to 2021

Month	Average Mean Temperature		Maximum Mean Temperature		Minimum Mean Temperature		Total Mean Precipitation	
	°F	°C	°F	°C	°F	°C	Inches	cm
January	30.3	-0.9	38.0	3.3	22.6	-5.2	3.6	9.1
February	30.8	-0.7	38.7	3.7	22.8	-5.1	3.4	8.6
March	38.4	3.6	46.6	8.1	30.1	-1.1	4.2	10.7
April	47.9	8.8	57.0	13.9	38.8	3.8	3.9	9.9
May	58.1	14.5	67.6	19.8	48.7	9.3	3.8	9.7

Month	Average Mean Temperature		Maximum Mean Temperature		Minimum Mean Temperature		Total Mean Precipitation	
	°F	°C	°F	°C	°F	°C	Inches	cm
June	67.4	19.7	76.6	24.8	58.2	14.6	3.5	8.9
July	73.1	22.8	81.9	27.7	64.3	17.9	3.7	9.4
August	71.8	22.1	80.3	26.8	63.2	17.3	4.1	10.4
September	65.3	18.5	74.2	23.4	56.4	13.6	3.6	9.1
October	54.8	12.7	63.8	17.7	45.7	7.6	3.6	9.1
November	44.4	6.9	52.4	11.3	36.3	2.4	3.8	9.7
December	34.6	1.4	42.0	5.6	27.1	-2.7	4.0	10.2
Annual	**51.4**	**10.8**	**59.9**	**15.5**	**42.9**	**6.0**	**44.9**	**114.0**

Source: NOAA National Centers for Environmental Information 2021b, 2021c
cm = centimeters

I.1.4   Extreme Storm Events

Strong weather events in the Lease Area include, but are not limited to, hurricanes and tropical storms in the warmer months and nor'easters during the winter months. The number of tropical storms, including hurricanes, generally reaches a peak during the period from August to early October (COP Appendix I; Empire 2023). This is consistent with the peak period for tropical cyclones throughout the North Atlantic basin (Figure I-3) (McAdie et al. 2009). Such storms that travel along the coastline of the eastern United States have the potential to affect the Project area with high winds and severe flooding.

Figure I-4 and Figure I-5 identify the hurricane tracks surrounding the Lease Area between 1950 and 2019 (COP Appendix I; Empire 2023). The category for each storm is designated by a color for each segment of its track on Figure I-4 and Figure I-5. Table I-5 lists each of the hurricanes affecting the Lease Area and the corresponding maximum storm categories as the hurricane occurred within 200 nm (370 kilometers) of the Lease Area for the corresponding period (NOAA 2021c). Most historical hurricanes affecting the Lease Area are Category 1, but storms as powerful as Category 3 hurricanes have passed nearby the Lease Area. The New York State ClimAID assessment determined that intense hurricanes are likely to increase in frequency over the 21st century for New York City and Long Island (New York State Climate Action Council 2010).
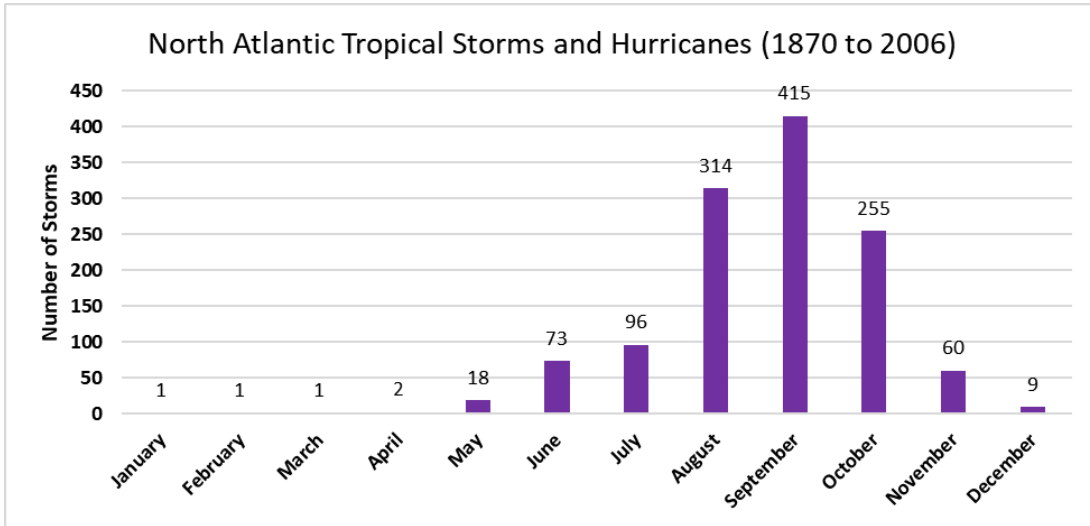
Source: McAdie et al. 2009

Figure I-3   Total Number of North Atlantic Basin Tropical Storms and Hurricanes per Month from 1870 to 2006
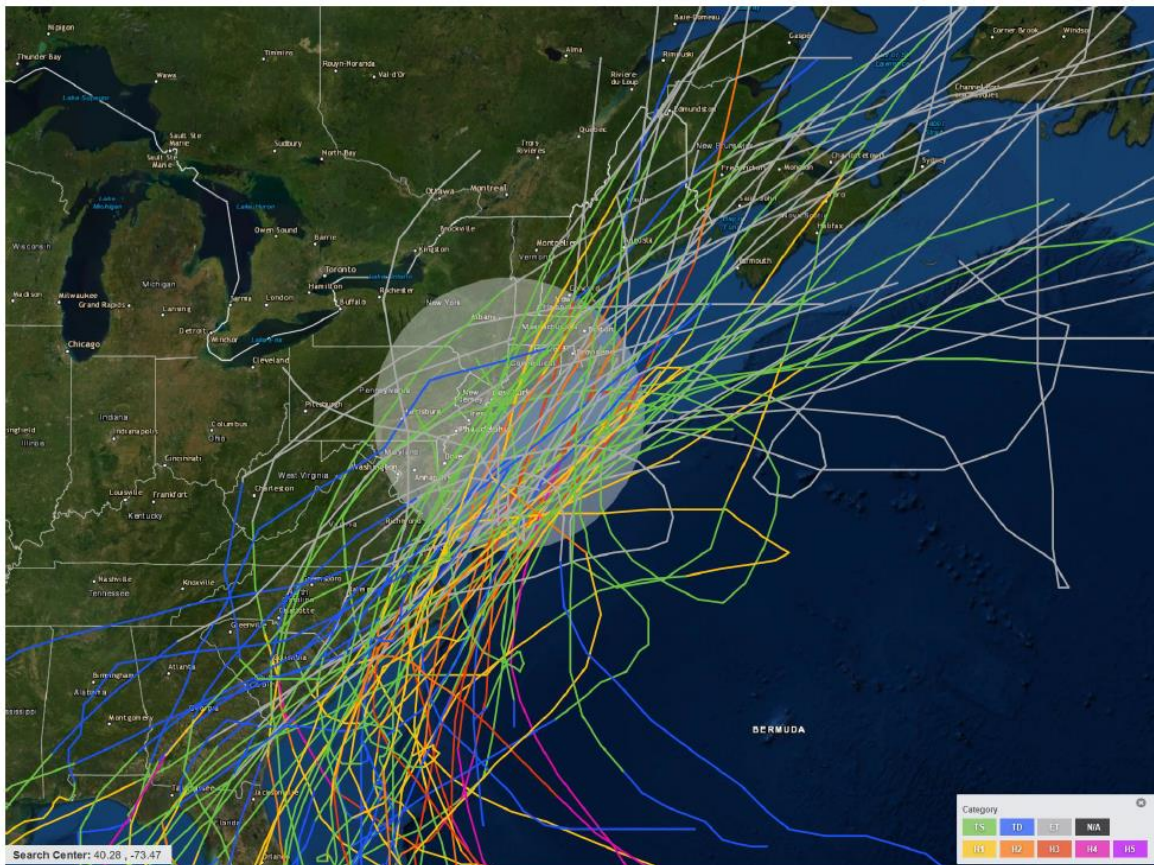
Source: COP Appendix I; Empire 2023

Figure I-4   Tracks of Hurricanes between 1950 and 2019 within a 200-nm (370-kilometer) Radius around Lease Area OCS-A 0512
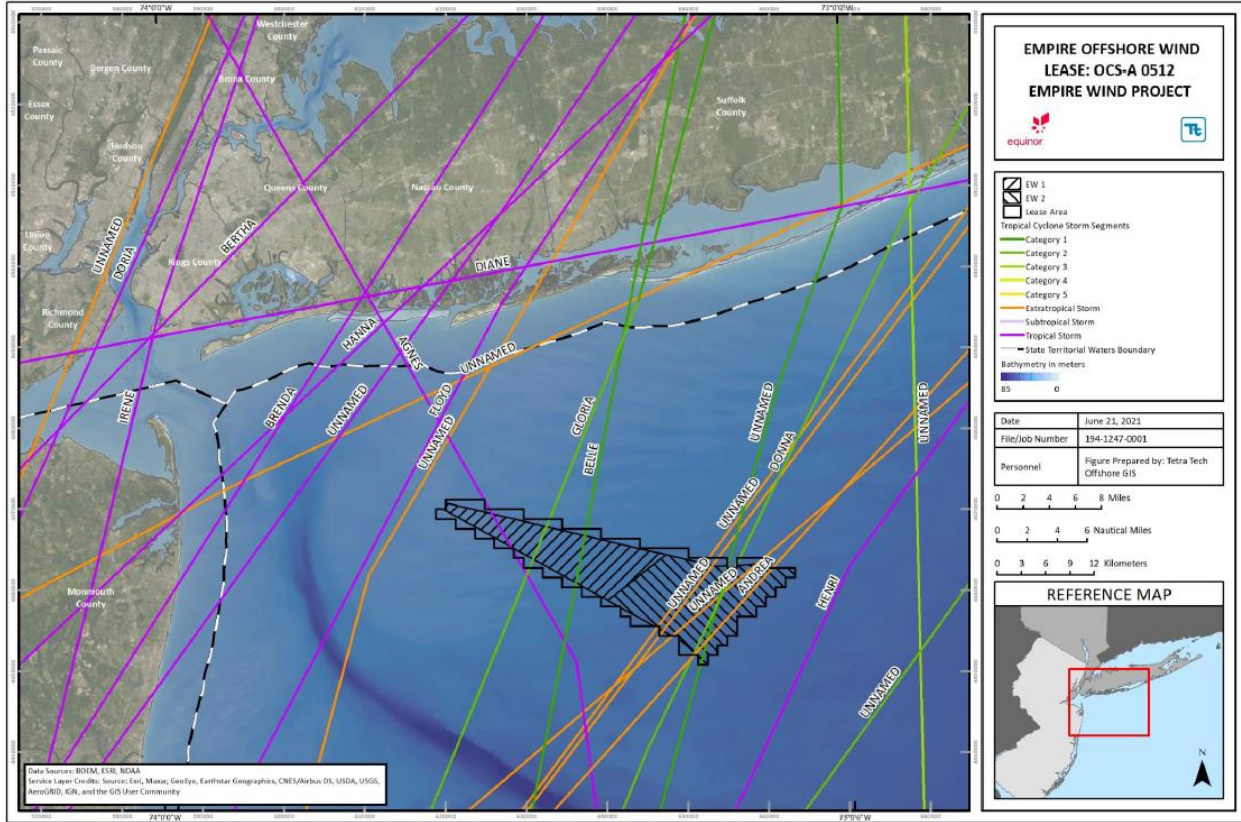
Source: Empire 2023

Figure I-5   Hurricane Track Lines in the Project Area

Table I-5   Hurricanes with Tracks Passing within 200 nm of the Lease Area between 1950 and 2019

Storm Name	Year	Maximum Storm Category within 200 nm of Lease Area
Arthur	2014	Category 1 Hurricane
Sandy	2012	Category 2 Hurricane
Irene	2011	Category 1 Hurricane
Earl	2010	Category 1 Hurricane
Gustav	2002	Category 1 Hurricane
Floyd	1999	Category 1 Hurricane
Bonnie	1998	Category 1 Hurricane
Edouard	1996	Category 1 Hurricane
Emily	1993	Category 3 Hurricane
Bob	1991	Category 3 Hurricane
Charley	1986	Category 1 Hurricane
Gloria	1985	Category 2 Hurricane
Belle	1976	Category 2 Hurricane
Gerda	1969	Category 3 Hurricane
Doria	1967	Category 1 Hurricane

Storm Name	Year	Maximum Storm Category within 200 nm of Lease Area
Gladys	1964	Category 1 Hurricane
Alma	1962	Category 1 Hurricane
Esther	1961	Category 3 Hurricane
Donna	1960	Category 2 Hurricane
Daisy	1958	Category 2 Hurricane
Ione	1955	Category 1 Hurricane
Edna	1954	Category 3 Hurricane
Carol	1954	Category 3 Hurricane
Carol	1953	Category 1 Hurricane
Barbara	1953	Category 1 Hurricane
Dog	1950	Category 2 Hurricane
Able	1950	Category 2 Hurricane

Source: NOAA 2021c
Notes: The Lease Area was represented by a point with the following coordinates: latitude 40.28, longitude -73.47.
Hurricane categories are identified as 1 through 5 based on the Saffir-Simpson scale.

Hurricane Sandy, which occurred in 2012, provides an example of extreme storm conditions that have occurred in the region. In coastal New York, the storm surge created by Hurricane Sandy was more severe than a 100-year extreme event (Empire 2023). In Bergen Point West Reach on the northern side of Staten Island, tide gauges measured a storm surge of 9.56 feet (2.91 meters) and estimated inundation of 9.53 feet (2.9 meters). At the Battery on the southern tip of Manhattan, tide gauges measured storm surges of 9.40 feet (2.87 meters) and estimated inundation of 9.00 feet (2.7 meters) (Blake et al. 2013). Marine observations at NOAA Buoy No. 44025 and NOAA Buoy No. 44065 recorded maximum sustained wind speeds of 49 knots (56.4 mph; 25.2 m/s) and 48 knots (55.2 mph; 24.7 m/s), respectively (Blake et al. 2013).

I.1.5 Potential General Impacts of Offshore Wind Facilities on Meteorological Conditions

A known impact of offshore wind facilities on meteorological conditions is the wake effect. A WTG extracts energy from the free flow of wind, creating turbulence downstream of the WTG. The resulting "wake effect" is the aggregated influence of the WTGs for the entire wind farm on the available wind resource and the energy production potential of any facility downstream. Christiansen and Hasager (2005) observed offshore wake effects from existing facilities via satellite with synthetic aperture radar to last anywhere from 1.2 to 12.4 miles (2 to 20 kilometers) depending on ambient wind speed, direction, degree of atmospheric stability, and the number of turbines within a facility. During stable atmospheric conditions, these offshore wakes can be longer than 43.5 miles (70 kilometers).

Under certain conditions, offshore wind farms can also affect temperature and moisture downwind of the facilities. For example, from September 2016 to October 2017, a study using aircraft observations accompanied by mesoscale simulations examined the spatial dimensions of micrometeorological impacts from a wind energy facility in the North Sea (Siedersleben et al. 2018). Measurements and associated modeling indicated that measurable redistribution of moisture and heat were possible up to 62 miles (100 kilometers) downwind of the wind farm. However, this occurred only when (a) there was a strong, sustained temperature inversion at or below hub height and (b) wind speeds were greater than approximately 13.4 mph (6 m/s) (Siedersleben et al. 2018). Typically, air temperature will decrease with height above the sea surface in the lower atmosphere (i.e., the troposphere), and air will freely rise and disperse up to a "mixing height" (Holzworth 1972; Ramaswamy et al. 2006). A temperature inversion

occurs when a warmer overlying air mass causes temperatures to increase with height; a strong inversion inhibits the further rise of cooler surface air masses, thus limiting the mixing height (Ramaswamy et al. 2006). Therefore, the North Sea study suggests that rapidly spinning turbines with hub heights at or above a strong inversion may induce mixing between air masses that would otherwise remain separated, which can significantly affect temperature and humidity downwind of a wind farm.

The mixing height over open waters of the North Atlantic Ocean is typically greater than 1,640 feet (500 meters) AMSL, except over areas of upwelling, where the mixing height may be closer to the sea surface (Holzworth 1972; Fuhlbrügge et al. 2013). Table I-6 presents atmospheric mixing height data from the nearest measurement location to the Project area (Atlantic City, New Jersey). As shown in the table, the minimum average mixing height is 390 meters (1,279 feet), while the maximum average mixing height is 1,218 meters (3,996 feet).

Table I-6   Representative Seasonal Mixing Height Data

Season	Data Hours Included[1]	Atlantic City, NJ Average Mixing Height (meters)
Winter (December, January, February)	Morning: No-Precipitation Hours	624
	Morning: All Hours	617
	Afternoon: No-Precipitation Hours	774
	Afternoon: All Hours	390
Spring (March, April, May)	Morning: No-Precipitation Hours	545
	Morning: All Hours	640
	Afternoon: No-Precipitation Hours	1,196
	Afternoon: All Hours	499
Summer (June, July, August)	Morning: No-Precipitation Hours	511
	Morning: All Hours	566
	Afternoon: No-Precipitation Hours	1,218
	Afternoon: All Hours	695
Fall (September, October, November)	Morning: No-Precipitation Hours	484
	Morning: All Hours	649
	Afternoon: No-Precipitation Hours	988
	Afternoon: All Hours	476
Annual Average	Morning: No-Precipitation Hours	539
	Morning: All Hours	620
	Afternoon: No-Precipitation Hours	1,052
	Afternoon: All Hours	508

Source: USEPA 2021
[1] Missing values are not included.

Díaz et al. (2019) reported that measurements over the Atlantic Ocean between 1981 and 2010 indicated a trend of decreasing strength and thickness of inversion layers, accompanied by a general increase in the mixing height, which is correlated with an increase in sea surface temperatures. Therefore, WTG hub heights are expected to remain well below the typical mixing height and associated temperature inversions over the open ocean in the Mid-Atlantic region. As such, the redistribution of moisture and

heat due to rotor-induced vertical mixing, and any associated shifts to the microclimate, would be limited to the immediate vicinity of a wind facility in this region.

Additionally, mixing height affects air quality by acting as a lid on the height to which air pollutants can vertically disperse. Lower mixing heights allow less air volume for pollutant dispersion and lead to higher ground-level pollutant concentrations than do higher mixing heights.

I.2.   Demographics, Employment, and Economics

Table I-7   Demographic Trends: 2000, 2010, 2020

Jurisdiction	Population 2000	Population 2010	Population 2020	% Change 2000–2020	% Change 2010–2020
Village of Island Park	4,732	4,675	4,928	4.1%	5.4%
City of Albany	99,658	97,856	99,224	3.7%	1.4%
City of Long Beach	35,462	33,275	35,029	-1.2%	5.3%
Town of Hempstead	755,924	759,917	793,409	5.0%	4.4%
Albany County	294,565	304,204	314,848	6.9%	3.5%
Kings County	2,465,326	2,504,700	2,736,074	11.0%	9.2%
Nassau County	1,334,544	1,339,354	1,395,774	4.6%	4.2%
Nueces County, Texas	313,645	340,223	353,178	12.6%	3.8%
San Patricio County, Texas	67,138	64,804	68,755	2.4%	6.1%
State of New York	18,976,457	19,378,096	20,201,249	6.5%	4.2%

Source: U.S. Census Bureau 2000, 2020

Table I-8   Demographic Data: 2020

Jurisdiction	Population	Population Density (persons per square mile)	Population 18 Years and Over	% of Population 18 Years and Over	% of Population Under 18
Village of Island Park	4,928	11,081	3,983	80.8%	19.2%
City of Albany	99,224	4,636	81,589	82.2%	17.8%
City of Long Beach	35,029	15,796	29,730	84.9%	15.1%
Town of Hempstead	793,409	6,695	620,910	78.3%	21.7%
Albany County	314,848	602	255,875	81.3%	18.7%
Kings County	2,736,074	39,438	2,140,371	78.2%	21.8%
Nassau County	1,395,774	4,905	1,098,884	78.7%	21.3%
Nueces County, Texas	353,178	421	270,056	76.5%	23.5%
San Patricio County, Texas	68,755	99	51,377	74.7%	25.3%
State of New York	20,201,249	429	16,088,135	79.6%	20.4%

Source: U.S. Census Bureau 2020

Table I-9   Age Distribution

Jurisdiction	0–17	18–34	35–64	65+	Median Age
Village of Island Park	18.4%	22.5%	43.6%	15.6%	39
City of Albany	17.8%	37.9%	31.4%	12.9%	31
City of Long Beach	15.4%	23.6%	42.7%	18.4%	45
Town of Hempstead	22.1%	21.5%	40.1%	16.3%	40
Albany County	18.6%	27.8%	37.1%	16.5%	38
Kings County	23.0%	26.6%	36.9%	13.6%	35
Nassau County	21.7%	20.4%	40.5%	17.5%	42
Nueces County, Texas	24.8%	24.6%	36.6%	14.1%	36
San Patricio County, Texas	27.0%	22.4%	36.0%	14.6%	36
State of New York	21.0%	24.0%	39.0%	16.2%	39

Source: U.S. Census Bureau 2019a

Table I-10   Employment and Income Levels

Jurisdiction	Per Capita Income	Total Employment	Unemployment Rate	Percent of Population Living Below Poverty Level
Village of Island Park	$40,304	842	2.5%	2.6%
City of Albany	$29,174	124,954	7.1%	22.9%
City of Long Beach	$53,579	6,035	4.4%	6.7%
Town of Hempstead	$44,958	299,756	4.2%	6.0%
Albany County	$37,635	242,227	4.5%	11.9%
Kings County	$34,173	874,328	6.2%	20.0%
Nassau County	$51,422	647,469	3.9%	5.6%
Nueces County, Texas	$27,740	159,956	5.7%	16.5%
San Patricio County, Texas	$26,054	19,117	5.1%	15.9%
State of New York	$39,326	9,547,776	5.5%	14.1%

Sources: U.S. Census Bureau 2019a, 2019b

Table I-11   Housing Trends: 2020

Jurisdiction	Housing Units	Occupied (%)	Vacant (%)
Village of Island Park	1,851	93.2%	6.8%
City of Albany	48,031	87.8%	12.2%
City of Long Beach	16,771	91.6%	8.4%
Town of Hempstead	260,524	96.1%	3.9%
Albany County	146,131	90.9%	9.1%
Kings County	1,077,654	93.7%	6.3%
Nassau County	476,732	95.5%	4.5%
Nueces County, Texas	151,255	86.4%	13.6%
San Patricio County, Texas	29,424	84.3%	15.7%
State of New York	8,488,066	90.9%	9.1%

Source: U.S. Census Bureau 2020

Table I-12   Housing Vacancy and Value

Jurisdiction	Housing Units	Seasonal Vacant Units	Vacant Units (Non-Seasonal)	Non-Seasonal Vacancy Rate	Median Value (Owner-Occupied)	Median Monthly Rent (Renter-Occupied)
Village of Island Park	1,693	0	108	6.4%	$399,300	$1,689
City of Albany	48,813	153	7,405	15.2%	$179,100	$969
City of Long Beach	15,969	920	1,023	6.8%	$508,800	$1,874
Town of Hempstead	256,561	1,692	10,666	4.2%	$455,700	$1,678
Albany County	141,553	1,896	13,117	9.4%	$222,500	$1,022
Kings County	1,044,493	9,703	76,223	7.4%	$706,000	$1,426
Nassau County	472,572	3,971	21,624	4.6%	$493,500	$1,772
Nueces County, Texas	149,287	4,704	15,132	10.1%	$138,700	$1,017
San Patricio County, Texas	28,226	1,035	4,293	15.2%	$122,100	$975
State of New York	8,322,722	348,027	631,461	7.9%	$313,700	$1,280

Source: U.S. Census Bureau 2019a

Table I-13   Employment of Residents, by Industry

Industry	Village of Island Park	City of Albany	City of Long Beach	Town of Hempstead	Albany County	Kings County	Nassau County	Nueces County, Texas	San Patricio County, Texas	State of New York
Agriculture, Forestry, Fishing and Hunting, and Mining	0.0%	0.3%	0.2%	0.1%	0.3%	0.1%	0.2%	2.6%	5.7%	0.6%
Construction	11.4%	3.2%	6.6%	6.1%	4.3%	5.1%	5.7%	10.4%	13.8%	5.7%
Manufacturing	4.2%	2.8%	3.2%	4.0%	5.0%	3.2%	4.4%	6.3%	8.4%	6.0%
Wholesale Trade	2.5%	1.1%	3.0%	3.0%	1.8%	2.2%	3.3%	2.2%	2.7%	2.3%
Retail Trade	7.0%	10.1%	9.4%	10.1%	10.0%	9.2%	9.7%	11.5%	9.9%	10.2%
Transportation and Warehousing, and Utilities	5.6%	2.8%	4.6%	6.1%	3.4%	6.7%	5.6%	4.7%	5.9%	5.5%
Information	1.2%	2.3%	3.2%	2.8%	2.1%	4.6%	2.9%	1.3%	0.7%	2.9%
Finance and Insurance, and Real Estate and Rental and Leasing	12.7%	5.1%	11.6%	9.4%	7.7%	7.4%	10.5%	5.8%	5.3%	8.0%
Professional, Scientific, and Management, and Administrative and Waste Management Services	11.0%	10.9%	13.6%	11.9%	11.7%	14.1%	12.9%	9.0%	7.5%	12.0%
Educational Services, and Health Care and Social Assistance	19.3%	32.7%	29.2%	29.8%	27.6%	28.4%	29.0%	22.8%	23.0%	27.9%
Arts, Entertainment, and Recreation, and Accommodation and Food Services	15.1%	11.9%	7.5%	7.1%	9.1%	10.1%	7.0%	11.8%	8.7%	9.5%
Other Services, Except Public Administration	6.0%	4.5%	3.4%	4.4%	4.7%	5.1%	4.2%	5.7%	3.2%	4.9%
Public Administration	4.3%	12.3%	4.7%	5.3%	12.3%	3.8%	4.7%	5.9%	5.0%	4.6%

Source: U.S. Census Bureau 2019a

Table I-14   At-Place Employment, by Industry

Industry	Village of Island Park	City of Albany	City of Long Beach	Town of Hempstead	Albany County	Kings County	Nassau County	Nueces County, Texas	San Patricio County, Texas	State of New York
Agriculture, Forestry, Fishing and Hunting	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.3%	1.7%	0.3%
Mining, Quarrying, and Oil and Gas Extraction	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	2.4%	0.0%
Utilities	0.0%	0.1%	0.0%	0.8%	0.2%	0.5%	0.6%	0.9%	1.2%	0.4%
Construction	12.5%	2.2%	5.4%	4.9%	3.2%	3.9%	4.9%	11.1%	31.2%	4.1%
Manufacturing	0.2%	1.3%	0.2%	1.9%	3.2%	2.2%	2.5%	4.2%	4.4%	4.5%
Wholesale Trade	1.1%	1.4%	3.8%	2.3%	2.8%	2.8%	3.8%	3.3%	1.2%	3.4%
Retail Trade	5.5%	4.1%	13.7%	14.0%	8.2%	8.8%	12.0%	9.8%	10.6%	9.3%
Transportation and Warehousing	0.1%	2.2%	0.9%	3.4%	3.0%	8.8%	2.7%	3.0%	1.8%	3.6%
Information	3.6%	1.3%	1.5%	1.1%	2.1%	1.4%	1.4%	0.8%	0.8%	3.4%
Finance and Insurance	9.4%	5.6%	5.3%	3.7%	5.7%	1.9%	4.4%	2.6%	1.3%	5.4%
Real Estate and Rental and Leasing	1.0%	0.7%	3.3%	1.4%	1.4%	2.3%	1.6%	1.8%	0.7%	2.2%
Professional, Scientific, and Technical Services	1.3%	5.1%	4.1%	5.9%	6.4%	3.0%	6.4%	5.3%	2.9%	7.1%
Management of Companies and Enterprises	0.0%	1.8%	0.1%	0.7%	1.7%	0.3%	1.0%	0.4%	0.4%	1.6%
Administration & Support, Waste Management and Remediation	1.4%	3.3%	1.8%	5.6%	5.1%	4.3%	5.1%	5.2%	2.0%	5.5%
Educational Services	15.6%	6.9%	7.4%	14.2%	8.3%	11.6%	11.4%	10.2%	14.1%	11.0%
Health Care and Social Assistance	22.6%	19.3%	18.1%	18.7%	16.2%	31.4%	24.1%	20.8%	5.7%	18.3%
Arts, Entertainment, and Recreation	1.3%	0.5%	0.8%	2.2%	0.9%	1.2%	1.9%	1.6%	1.2%	1.9%
Accommodation and Food Services	10.6%	3.8%	16.1%	8.4%	6.1%	6.1%	7.6%	11.2%	11.3%	8.0%
Other Services (excluding Public Administration)	7.7%	2.4%	5.4%	5.0%	3.8%	3.4%	4.8%	2.7%	1.6%	3.9%
Public Administration	6.3%	37.9%	12.1%	6.1%	21.7%	6.0%	3.7%	2.5%	3.7%	6.0%

Source: U.S. Census Bureau 2019b

Table I-15 Number of Establishments, By Industry: 2021

Industry	Village of Island Park	City of Albany	City of Long Beach	Town of Hempstead	Albany County	Kings County	Nassau County	Nueces County, Texas	San Patricio County, Texas	State of New York
Agriculture, Forestry, Fishing and Hunting	0	7	2	23	36	83	65	57	18	2,983
Mining, Quarrying, and Oil and Gas Extraction	0	3	0	15	10	24	28	73	12	412
Utilities	0	4	0	23	22	33	67	27	6	839
Construction	11	193	54	1,909	804	3,813	3,876	933	131	43,963
Manufacturing	4	83	15	712	338	2,089	1,591	336	43	21,150
Wholesale Trade	5	104	13	865	422	2,290	1,813	462	43	21,469
Retail Trade	14	424	102	4,090	1,705	11,578	8,077	1,914	290	99,043
Transportation and Warehousing	4	67	17	625	243	1,346	1,052	262	33	13,294
Information	4	135	19	602	328	1,662	1,251	230	29	17,435
Finance and Insurance	7	190	50	1,445	679	2,056	3,118	744	96	31,484
Real Estate and Rental and Leasing	7	171	77	1,126	608	3,891	2,547	794	134	35,067
Professional, Scientific, and Technical Services	5	572	76	3,173	1,463	6,086	6,662	1,067	111	69,799
Management of Companies and Enterprises	0	7	2	91	15	301	198	50	4	1,838
Administration & Support, Waste Management and Remediation	4	112	24	1,181	430	2,291	2,308	437	30	24,670
Educational Services	3	162	22	775	378	1,866	1,478	325	63	18,637
Health Care and Social Assistance	8	497	93	2,424	1,222	6,128	5,166	1,023	120	59,382
Arts, Entertainment, and Recreation	6	107	25	635	298	1,228	1,329	270	31	16,173
Accommodation and Food Services	11	364	111	2,330	1,003	7,093	4,288	1,131	205	58,735
Other Services (excluding Public Administration)	23	693	106	3,608	1,866	9,226	6,726	1,485	256	86,344
Public Administration	5	344	15	383	661	372	683	321	101	18,436
Unclassified	5	342	97	2,390	802	11,815	5,236	890	89	67,253
Total (All Sectors)	126	4,581	920	28,425	13,333	75,271	57,559	12,831	1,845	708,406

Source: ArcGIS Business Analyst 2021

Table I-16   Annual Payroll by Industry ($1,000): 2020

Industry	Albany County	Kings County	Nassau County	New York State
Agriculture, Forestry, Fishing and Hunting	$10,653	$14,043	$6,552	$1,062,904
Mining, Quarrying, and Oil and Gas Extraction	$39,693	$0	$0	$322,656
Utilities	$69,215	$409,411	$469,906	$4,808,912
Construction	$637,392	$1,973,121	$2,418,144	$28,305,328
Manufacturing	$696,731	$849,682	$1,144,903	$29,188,387
Wholesale Trade	$520,212	$1,235,743	$2,054,761	$27,814,772
Retail Trade	$700,201	$2,893,401	$2,779,800	$33,464,878
Transportation and Warehousing	$284,904	$700,358	$972,615	$13,081,012
Information	$430,924	$1,169,921	$793,223	$41,332,226
Finance and Insurance	$1,286,324	$1,567,844	$3,035,636	$129,471,739
Real Estate and Rental and Leasing	$187,430	$961,500	$768,862	$15,449,702
Professional, Scientific, and Technical Services	$1,460,915	$1,986,058	$3,273,562	$85,762,955
Management of Companies and Enterprises	$310,587	$162,906	$763,359	$21,639,905
Administration & Support, Waste Management and Remediation	$446,112	$1,290,984	$1,602,593	$28,518,583
Educational Services	$603,361	$1,465,788	$936,646	$23,113,579
Health Care and Social Assistance	$1,810,463	$10,853,850	$9,491,509	$87,278,334
Arts, Entertainment, and Recreation	$32,836	$497,139	$428,020	$7,776,281
Accommodation and Food Services	$238,288	$1,125,952	$1,051,072	$15,647,467
Other Services (excluding Public Administration)	$366,789	$818,662	$943,867	$15,048,420
Unclassified	$9,916	$190,649	$126,294	$1,783,279
Total (All Private)	$10,142,947	$30,168,669	$33,061,428	$610,871,320

Source: New York State Department of Labor 2020
Note: Dollar value is in $1000s.

Table I-17   Ocean Economy Data

County	Ocean Economy GDP, All Ocean Sectors	Ocean Economy GDP, Tourism and Recreation Sector	Ocean Economy GDP, Living Resources Sector	Total County GDP (Coastal Economy, Employment Data) Total, All Industries	Ocean Economy GDP, as Percent of Total County GDP (%)
Albany	$32,689,00	$0	Suppressed	$34,550,146,168	0.1%
Kings	$2,052,466,000	$1,802,669,000	$167,428,000	$95,011,253,174	2.2%
Nassau	$1,065,093,000	$794,144,000	$55,065,000	$99,424,936,812	1.1%
Nueces	$1,529,501,000	$574,591,000	Suppressed	$20,523,787,223	7.5%
San Patricio	$588,635,000	$60,386,000	$0.00	$2,383,411,637	24.7%

Source: NOAA 2018

Table I-18   Ocean Economy Employment[1]

County	Marine Construction	Living Resources	Offshore Mineral Extraction	Tourism and Recreation	Marine Transportation	Total, All Sectors
Albany	Suppressed	Suppressed	Suppressed	0	594	594
Kings	Suppressed	1412	Suppressed	33,228	1,517	36,157
Nassau	142	493	43	17,392	1,286	19,356
Nueces	Suppressed	Suppressed	2,453	13,488	558	17,507
San Patricio	Suppressed	0	449	1,766	Suppressed	4,607

Source: NOAA 2018
[1] Data for ship and boat building are suppressed for all counties, so are not included in the table.

Table I-19   Race and Ethnicity: 2020[1]

Jurisdiction	Total Population	White (%)	Black (%)	Asian (%)	Other (%)	Hispanic (%)	Total Minority %
Village of Island Park	4,928	55.4%	3.0%	4.1%	4.1%	33.4%	44.6%
City of Albany	99,224	44.7%	29.5%	8.0%	6.2%	11.6%	55.3%
City of Long Beach	35,029	72.9%	5.2%	3.2%	3.5%	15.3%	27.1%
Town of Hempstead	793,409	50.7%	15.9%	7.5%	3.8%	22.0%	49.3%
Albany County	314,848	67.0%	12.9%	7.7%	5.6%	6.9%	33.0%
Kings County	2,736,074	35.4%	26.7%	13.6%	5.4%	18.9%	64.6%
Nassau County	1,395,774	55.8%	10.6%	11.7%	3.5%	18.4%	44.2%
Nueces County, Texas	353,178	30.1%	3.6%	2.2%	2.7%	61.5%	69.9%
San Patricio County, Texas	68,755	38.7%	1.4%	1.2%	3.0%	55.6%	61.3%
State of New York	20,201,249	52.5%	13.7%	9.5%	4.9%	19.5%	47.5%

Source: U.S. Census Bureau 2020
[1] The percentages of White, Black, Asian, and Other categories include Non-Hispanics only.

Table I-20   Educational Attainment for Population 25 Years and Over[1]

Highest Education Attainment	Less than High School	High School or GED	Some College	Bachelor's Degree	Advanced Degree
Village of Island Park	7.7%	41.6%	27.4%	9.9%	13.3%
City of Albany	12.2%	23.0%	25.3%	19.6%	20.0%
City of Long Beach	5.2%	22.8%	23.4%	25.7%	23.0%
Town of Hempstead	10.1%	24.4%	24.4%	23.1%	17.9%
Albany County	7.9%	23.0%	27.4%	21.4%	20.4%
Kings County	17.6%	25.7%	19.2%	22.5%	15.0%
Nassau County	8.6%	22.7%	22.8%	25.3%	20.7%
Nueces County, Texas	17.2%	29.3%	31.7%	14.2%	7.6%
San Patricio County, Texas	20.1%	32.7%	31.6%	11.2%	4.4%
State of New York	13.2%	26.0%	24.3%	20.5%	16.0%

Source: U.S. Census Bureau 2019a
[1] The percentages may not sum to 100 due to rounding.

Table I-21   Economic Value of the Tourism and Recreation Sector

Affected Area	Establishments	Employment	Wages (millions)	GDP (millions)
State of New York	**22,270**	**359,194**	**$12,628.4**	**$29,039.5**
Albany County	N/A	N/A	N/A	N/A
Kings County	3,759	33,229	$899.2	$1,802.7
Nassau County	1,396	17,392	$421.9	$794.1
New York County	9,621	217,305	$9,207.3	$22,187.7
Queens County	1,299	11,581	$277.4	$510.0
Suffolk County	2,741	36,385	$921.1	$1,916.7
State of New Jersey	**7,949**	**96,261**	**$2,201.6**	**$4,299.3**
Monmouth County	1,324	17,767	$369.0	$704.7
Ocean County	1,155	14,049	$288.2	$569.5

Source: National Ocean Economics Program 2018
N/A = not available

Table I-22   Empire's Projected Jobs and Economic Impacts during Construction

Economic Impact		Empire Wind 1	Empire Wind 2	Total
Jobs (FTE)[1]	Direct	180	269	449
	Indirect	60	96	156
	Induced	92	141	233
	Total	332	506	838
Gross State Product (Value added) (in millions of 2020 dollars)	Direct	$152.8	$273.9	$426.7
	Indirect	$54.6	$99.9	$154.5
	Induced	$75.6	$132.2	$207.8
	Total	$283.0	$506.0	$789.0

Economic Impact		Empire Wind 1	Empire Wind 2	Total
Personal Income (in millions of 2020 dollars)	Direct	$114.1	$197.9	$312.0
	Indirect	$37.8	$67.4	$105.2
	Induced	$43.0	$75.2	$118.2
	Total	$194.9	$340.5	$535.4

Source: COP Volume 1, Appendix O; Empire 2023
[1] One FTE job is the equivalent of one person working full time for 1 year (2,080 hours). Therefore, two half-time employees would equal one FTE. Only those jobs that Empire would perform in the designated area are included.

Table I-23   Projected Tax Revenues during Construction and Operations and Maintenance

Taxes	Construction		Operations and Maintenance	
	Empire Wind 1	Empire Wind 2	Empire Wind 1	Empire Wind 2
State and Local Taxes	$24.9	$42.6	$48.8	$74.1
Federal Taxes	$38.4	$67.1	$63.0	$95.7
Total Taxes	$63.4	$109.7	$111.8	$169.8

Source: COP Volume 1, Appendix O; Empire 2023

Table I-24   Empire's Projected Jobs and Economic Impacts during Operations and Maintenance

Economic Impact		Empire Wind 1	Empire Wind 2	Total
Jobs (FTE)[1]	Direct	53	80	133
	Indirect/Induced	67	101	168
	Total	120	181	301
Gross State Product (Value added) (in millions of 2020 dollars)	Direct	$215.8	$302.7	$518.5
	Indirect	$158.4	$140.1	$298.5
	Induced	$119.6	$151.7	$271.3
	Total	$493.8	$594.5	$1,088.3
Personal Income (in millions of 2020 dollars)	Direct	$137.9	$208.8	$346.7
	Indirect	$103.4	$96.8	$200.2
	Induced	$68.0	$86.3	$154.3
	Total	$309.3	$391.9	$701.2

Source: COP Volume 1, Appendix O; Empire 2023
[1] One FTE job is the equivalent of one person working full time for 1 year (2,080 hours). Therefore, two half-time employees would equal one FTE. Only those jobs that Empire would perform in the designated area are included.

I.3.   Wetlands

Table I-25   NYSDEC-mapped Aquatic Features

Route Feature	NYSDEC Classification	Acres within Footprint/Cable Corridor
EW 2 Landfall A	No NYSDEC-mapped features in footprint[1]	--
EW 2 Landfall B	No NYSDEC-mapped features in footprint[1]	--

Route Feature	NYSDEC Classification	Acres within Footprint/Cable Corridor
EW 2 Landfall C	No NYSDEC-mapped features in footprint[1]	--
EW 2 Landfall E	No NYSDEC-mapped features in footprint[1]	--
EW 2 Route LB-A	No NYSDEC-mapped features in cable corridor	--
EW 2 Route LB-B	No NYSDEC-mapped features in cable corridor	--
EW 2 Route LB-C	No NYSDEC-mapped features in cable corridor	--
EW 2 Route LB-D	Littoral Zone	0.04
EW 2 Route LB-E	No NYSDEC-mapped features in cable corridor	--
EW 2 Route LB-Variant	No NYSDEC-mapped features in cable corridor	--
EW 2 Route LB-F	No NYSDEC-mapped features in cable corridor	--
EW Route 2 LB-G	No NYSDEC-mapped features in cable corridor	--
EW Route 2 LB-H	No NYSDEC-mapped features in cable corridor	
Reynolds Channel Crossing	Littoral Zone Coastal Shoals, Bars, and Mudflats	8.63 0.21
EW 2 Route IP-A	No NYSDEC-mapped features in cable corridor	--
EW 2 Route IP-B	No NYSDEC-mapped features in cable corridor	--
EW 2 Route IP-C	Littoral Zone Coastal Shoals, Bars, and Mudflats Intertidal Marsh	1.07 0.84 0.10
EW 2 Route IP-D	Littoral Zone	0.37
EW 2 Route IP-E	Littoral Zone Coastal Shoals, Bars, and Mudflats Intertidal Marsh	0.47 0.51 0.04
EW 2 Route IP-F	Littoral Zone Coastal Shoals, Bars, and Mudflats Intertidal Marsh	2.74 1.08 1.50
EW 2 Route IP-G	Littoral Zone Coastal Shoals, Bars, and Mudflats Intertidal Marsh High Marsh	3.27 3.99 2.44 0.16
EW 2 Route IP-H	No NYSDEC-mapped features in cable corridor	--
EW 2 Onshore Substation A	No NYSDEC-mapped features in footprint	--
EW 2 Onshore Substation C	No NYSDEC-mapped features[2]	--

Source: COP Volume 2, Table 5.2-3; Empire 2023

Note: The table presents wetland areas within the cable corridor that could be susceptible to potential impacts and not necessarily the area of wetland that would actually be affected during construction and operations. For example, segment IP-C could cross Reynolds Channel via open trench or trenchless (e.g., HDD) methods, which would have very different impacts on wetlands.

[1] The four landfalls have "Adjacent Areas" mapped within the footprint, which are land areas that are adjacent to any of the NYSDEC tidal wetland zone classifications. Adjacent Areas are generally not inundated by tidal waters and extend 300 feet landward of the most landward tidal wetland boundary or to an elevation of 10 feet (refer to New York State regulations Part 661, Tidal Wetlands Land Use Regulation).

[2] NYSDEC mapping indicates that Reynolds Channel extends into the Onshore Substation C site by a maximum of approximately 40 feet (12 meters); however, a review of aerial imagery indicates that historic alterations to the shoreline, including bulkheading, have resulted in a more artificial and linear bank than portrayed by NYSDEC-mapped boundaries. The result of these shoreline alterations is that the current bank of Reynolds Channel appears to approximately align with the boundary of the EW 2 Onshore Substation C site.

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I.4. Commercial and For-Hire Recreational Fisheries

Table I-26   Annual Number of Trips by Commercial Fishing Vessels to the EW 1 WEA for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Summer Flounder	1,418	1,488	1,532	1,679	1,673	1,119	1,072	1,044	1,076	858	905	838	861	675	1,160
Monkfish	1,904	1,361	850	870	797	643	838	769	636	582	509	513	503	324	793
Longfin Squid	708	766	811	1,009	1,216	557	704	573	622	705	594	524	600	485	705
Atlantic Sea Scallop	2,486	2,238	697	1,045	609	404	612	452	574	158	99	90	192	68	695
Black Sea Bass	541	489	794	757	679	580	627	616	610	617	546	577	537	496	605
Skate spp.	606	461	580	734	780	580	607	581	554	607	573	517	528	383	578
Scup	201	313	548	413	388	369	266	367	521	590	589	506	586	457	437
American Lobster	600	588	598	426	554	554	451	379	388	352	288	277	287	259	429
Bluefish	475	369	394	568	563	270	339	318	272	358	207	261	316	211	352
Silver Hake	355	414	309	355	317	359	351	243	178	261	297	310	343	243	310
Red Hake	404	406	314	275	356	421	335	247	144	232	215	311	321	161	296
Butterfish	234	232	231	237	409	234	249	174	220	233	239	220	245	166	237
Smooth Dogfish	236	221	318	406	278	222	228	213	155	190	150	145	137	124	216
Spiny Dogfish	97	211	192	284	171	122	113	149	144	182	121	97	139	151	155
Jonah Crab	46	103	138	106	166	187	132	170	152	141	111	132	168	102	132
Weakfish	231	113	147	87	142	158	62	59	157	132	93	103	136	120	124
Atlantic Mackerel	94	112	65	36	112	24	60	52	56	106	146	125	131	101	87
Tautog	78	92	101	127	78	69	55	58	85	71	52	67	31	96	76
Conger Eel	33	32	72	53	71	55	59	88	60	73	71	79	81	62	64
Atlantic Herring	135	189	137	91	58	35	30	36	21	19	58	37	7	0	61

Source: NMFS 2022

Table I-27   Annual Number of Commercial Fishing Vessels that Fished in the EW 1 WEA for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Monkfish	210	223	210	208	189	117	205	172	148	109	115	107	97	75	156
Atlantic Sea Scallop	189	218	229	250	166	121	226	149	171	89	54	57	127	51	150
Summer Flounder	105	113	104	133	145	105	128	141	119	106	111	107	96	87	114
Longfin Squid	74	89	81	96	115	85	102	114	90	100	96	93	79	74	92
Black Sea Bass	74	71	81	97	115	78	83	91	99	94	87	97	85	75	88
Scup	51	72	77	73	99	74	72	88	80	100	99	90	84	73	81
Bluefish	65	78	69	88	112	73	89	90	70	86	54	63	61	45	75
Skate spp.	61	65	63	74	68	43	59	61	53	64	72	55	44	35	58
Butterfish	48	52	45	51	65	51	61	48	39	57	64	57	48	43	52
Silver Hake	44	59	44	36	42	48	54	43	37	51	62	61	56	45	49
Red Hake	49	54	39	33	45	42	44	38	29	47	48	51	43	33	43
Weakfish	55	33	28	32	46	38	27	24	49	58	39	38	45	44	40
American Lobster	48	55	45	45	51	36	39	27	28	32	32	30	23	22	37
Smooth Dogfish	37	34	42	45	39	35	35	33	18	32	26	23	17	16	31

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Mackerel	30	41	34	17	30	13	22	26	24	32	45	43	33	34	30
Conger Eel	15	17	19	19	22	22	21	22	20	19	27	33	22	19	21
Spiny Dogfish	17	29	29	35	29	17	19	23	17	21	20	14	14	13	21
Atlantic Herring	30	29	31	18	17	12	10	14	11	12	14	12	5	0	15
Sea Robin spp.	11	14	13	18	13	12	19	20	14	20	14	16	11	7	14
Jonah Crab	10	10	10	14	14	11	12	14	11	13	14	12	10	10	12

Source: NMFS 2022

Table I-28   Annual Number of Trips by Commercial Fishing Vessels to the EW 2 WEA for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Sea Scallop	2,631	2,330	773	1,194	882	712	996	782	1,172	436	311	283	395	152	932
Monkfish	1,751	1,234	755	798	761	698	871	845	808	587	625	530	428	329	787
Summer Flounder	769	929	764	887	883	594	687	634	730	536	656	524	489	430	679
Longfin Squid	344	459	473	587	746	383	506	436	373	443	519	378	362	366	455
Black Sea Bass	231	245	337	466	445	326	398	412	417	431	446	421	391	390	383
Scup	73	211	302	264	320	275	223	338	378	388	510	401	385	358	316
Skate spp.	318	323	323	446	337	259	338	332	328	327	371	248	227	162	310
Bluefish	187	307	268	374	425	251	326	317	276	371	214	251	259	178	286
Silver Hake	171	250	127	146	165	215	196	148	131	166	249	238	180	191	184
American Lobster	157	236	160	147	196	121	173	158	131	123	115	154	128	155	154
Butterfish	88	116	119	130	212	155	190	107	149	178	216	144	120	134	147
Red Hake	136	165	106	87	119	185	128	114	106	120	162	158	134	109	131
Smooth Dogfish	150	118	148	206	123	89	120	96	65	94	94	64	49	53	105
Weakfish	86	75	56	62	93	114	79	113	148	176	124	98	81	132	103
Atlantic Mackerel	110	105	58	26	48	19	42	40	51	66	162	80	66	68	67
Spiny Dogfish	62	140	87	148	94	47	51	52	27	40	61	22	21	44	64
Atlantic Herring	90	98	56	30	29	24	12	30	21	21	63	41	7	0	37
Jonah Crab	5	22	20	18	5	18	32	66	33	49	44	73	37	87	36
Conger Eel	12	0	27	0	0	43	35	46	47	27	38	61	30	33	29
Sea Robin spp.	13	26	34	31	40	27	30	27	24	32	38	29	0	32	27

Source: NMFS 2022

Table I-29   Annual Number of Commercial Fishing Vessels that Fished in the EW 2 WEA for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Sea Scallop	215	247	267	286	217	155	272	182	254	188	91	97	192	83	196
Monkfish	242	249	247	236	221	162	253	202	204	155	151	139	120	100	192
Summer Flounder	118	120	131	136	157	123	152	152	152	134	129	130	114	110	133
Longfin Squid	80	96	87	94	121	106	110	123	113	103	106	104	85	92	101
Black Sea Bass	75	71	93	93	113	85	96	107	115	107	104	107	88	89	96
Scup	44	85	85	77	104	86	82	97	93	108	109	97	87	87	89

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Bluefish	59	81	74	86	111	85	93	99	90	89	56	68	64	50	79
Skate spp.	60	70	74	71	64	56	62	65	57	73	82	61	46	46	63
Butterfish	49	52	42	48	62	66	63	51	61	59	73	55	49	53	56
Silver Hake	49	65	50	35	42	61	59	52	57	60	69	67	55	57	56
Weakfish	49	37	35	35	46	51	35	49	55	65	47	37	35	51	45
Red Hake	47	53	42	35	37	54	43	44	44	50	47	48	43	38	45
American Lobster	39	52	46	36	46	39	44	23	23	27	29	31	20	21	34
Atlantic Mackerel	28	37	35	18	23	13	24	29	30	36	56	40	32	43	32
Smooth Dogfish	28	33	39	40	36	28	29	26	20	29	23	20	15	18	27
Spiny Dogfish	14	25	25	29	26	16	13	20	12	15	23	12	11	12	18
Conger Eel	10	0	17	0	0	25	20	24	25	20	26	32	21	18	17
King Whiting	10	9	10	9	13	10	17	19	20	25	23	9	12	20	15
John Dory	10	0	15	20	21	25	18	15	21	16	16	0	11	13	14
Atlantic Herring	26	25	25	15	14	9	9	13	9	14	14	11	5	0	14

Source: NMFS 2022

Table I-30   Annual Number of Trips by Commercial Fishing Vessels to the Lease Area for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Summer Flounder	1,490	1,655	1,638	1,757	1,818	1,283	1,254	1,213	1,406	1,063	1,113	999	989	789	1,319
Monkfish	2,217	1,658	1,075	1,048	1,035	951	1,192	1,113	1,035	848	806	732	668	444	1,059
Atlantic Sea Scallop	2,721	2,425	849	1,229	901	714	1,006	789	1,179	436	313	285	395	153	957
Longfin Squid	767	865	866	1,053	1,316	697	813	688	777	844	730	639	674	585	808
Black Sea Bass	560	545	840	791	774	661	730	731	751	745	675	668	617	595	692
Skate spp.	676	591	690	836	860	671	723	729	723	728	690	592	589	432	681
Scup	220	390	608	452	490	452	347	476	639	699	715	588	663	542	520
American Lobster	609	628	642	455	604	596	518	439	443	405	327	318	334	317	474
Bluefish	490	444	438	600	665	344	406	412	368	462	243	302	367	246	413
Silver Hake	398	514	344	378	380	460	409	283	243	319	376	386	388	299	370
Red Hake	423	463	343	296	383	504	364	275	206	290	272	356	371	220	340
Butterfish	253	276	252	258	437	310	294	201	280	294	295	257	273	207	278
Smooth Dogfish	248	236	326	422	295	234	251	232	183	217	169	160	145	134	232
Spiny Dogfish	98	235	201	295	195	131	128	157	152	194	135	97	142	152	165
Weakfish	240	137	169	99	184	206	95	127	197	201	145	133	166	166	162
Jonah Crab	47	107	148	112	167	192	144	191	167	166	129	152	173	146	146
Atlantic Mackerel	121	129	78	44	118	29	69	64	81	131	187	144	144	121	104
Tautog	79	93	101	129	78	70	59	58	85	71	52	67	31	96	76
Conger Eel	34	44	82	58	78	75	71	102	84	86	79	95	93	78	76
Atlantic Herring	155	201	141	95	61	36	35	39	24	24	63	42	7	0	66

Source: NMFS 2022

Table I-31   Annual Number of Commercial Fishing Vessels that Fished in the Lease Area for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Monkfish	253	263	260	247	237	168	265	211	214	161	157	146	127	105	201
Atlantic Sea Scallop	219	252	271	286	219	156	274	184	254	188	91	97	192	83	198
Summer Flounder	126	131	138	146	168	131	158	160	161	141	139	138	121	116	141
Longfin Squid	87	104	97	103	130	111	118	130	122	111	111	111	92	98	109
Black Sea Bass	87	88	103	105	126	95	104	114	129	119	116	119	97	96	107
Scup	62	96	94	84	114	93	91	104	103	118	116	105	97	93	98
Bluefish	72	91	83	94	127	91	103	107	95	98	61	72	70	54	87
Skate spp.	69	79	80	83	79	61	70	76	66	80	86	68	52	50	71
Butterfish	57	60	51	57	74	69	67	56	65	65	76	62	54	57	62
Silver Hake	56	71	53	43	50	67	66	54	61	64	73	72	64	60	61
Red Hake	56	65	50	41	51	62	50	50	51	59	57	60	54	45	54
Weakfish	64	42	40	39	56	56	38	51	59	68	53	45	51	56	51
American Lobster	53	62	55	48	58	48	52	31	35	41	40	37	27	27	44
Atlantic Mackerel	33	47	43	23	31	17	27	35	34	43	57	49	39	48	38
Smooth Dogfish	39	38	45	49	45	38	36	35	26	36	29	27	19	22	35
Conger Eel	16	25	25	21	25	34	27	30	30	28	32	40	30	26	28
Spiny Dogfish	18	30	32	37	34	20	20	24	20	22	24	14	16	13	23
King Whiting	12	9	13	12	18	12	18	19	20	28	26	12	16	25	17
Sea Robin spp.	11	17	14	21	16	14	20	21	18	21	15	19	12	11	16
Atlantic Herring	32	29	32	20	18	12	12	15	11	16	14	12	5	0	16

Source: NMFS 2022

Table I-32   Annual Number of Trips by Commercial Fishing Vessels to the EW 1 WEA by Gear Type, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Trawl-Bottom	3,276	3,133	1,836	2,258	2,109	1,318	1,344	1,140	1,206	1,045	965	877	885	693	1,578
Pots	456	431	449	315	417	545	381	339	367	330	253	260	248	241	359
Dredge-Scallop	376	349	344	444	295	176	373	333	319	104	64	67	170	49	247
Dredge-Clam	39	36	53	28	53	71	16	16	80	97	0	37	73	67	48
Gillnet-Sink	117	88	79	76	36	13	36	25	41	26	36	14	0	0	42
Trawl-Midwater	68	61	37	11	15	14	0	9	11	13	47	31	25	6	25

Source: NMFS 2022

Table I-33   Annual Number of Commercial Fishing Vessels that Fished in the EW 1 WEA by Gear Type, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Trawl-Bottom	132	155	115	138	157	120	136	136	118	127	119	108	96	92	125
Dredge-Scallop	132	154	193	205	136	86	178	127	142	68	46	45	124	40	120
Pots	24	20	16	17	19	22	14	15	16	14	16	16	10	13	17
Gillnet-Sink	26	28	24	22	11	5	11	12	6	8	9	4	0	0	12
Dredge-Clam	13	14	12	12	7	6	8	8	12	9	0	12	12	12	10

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Trawl-Midwater	15	15	14	5	9	7	0	4	6	7	9	9	8	4	8

Source: NMFS 2022

Table I-34   Annual Number of Trips by Commercial Fishing Vessels to the EW 2 WEA by Gear Type, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Trawl-Bottom	2,505	2,590	1,027	1,472	1,321	860	917	717	911	655	743	586	530	489	1,095
Dredge-Scallop	496	345	414	551	428	343	700	618	710	344	246	200	330	112	417
Pots	94	132	97	89	108	210	115	135	102	99	82	108	90	137	114
Dredge-Clam	66	24	57	43	75	104	61	75	151	166	137	116	136	91	93
Gillnet-Sink	186	151	166	130	51	43	52	66	0	38	84	24	0	26	73
Trawl-Midwater	88	71	39	12	18	15	0	9	14	13	50	36	26	6	28

Source: NMFS 2022

Table I-35   Annual Number of Commercial Fishing Vessels that Fished in the EW 2 WEA by Gear Type, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Dredge-Scallop	152	173	233	238	178	110	226	168	212	173	79	77	184	66	162
Trawl-Bottom	147	171	136	139	165	143	150	149	152	144	133	128	115	115	142
Gillnet-Sink	27	28	32	25	14	9	8	16	0	7	12	4	0	5	13
Pots	14	17	15	11	12	22	15	11	9	9	10	11	8	10	12
Dredge-Clam	9	8	12	13	9	10	13	12	16	11	9	13	13	14	12
Trawl-Midwater	15	15	14	5	10	7	0	4	6	7	9	9	8	4	8

Source: NMFS 2022

Table I-36   Annual Number of Trips by Commercial Fishing Vessels to the Lease Area by Gear Type, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Trawl-Bottom	3,381	3,359	1,959	2,388	2,366	1,577	1,523	1,322	1,579	1,247	1,142	1,045	1,004	818	1,765
Dredge-Scallop	531	414	441	561	444	344	705	619	712	344	246	201	330	112	429
Pots	457	468	483	346	450	626	443	392	414	374	283	293	284	294	401
Dredge-Clam	85	52	95	54	77	129	72	79	166	172	137	118	140	100	105
Gillnet-Sink	203	174	171	162	68	46	73	69	76	45	84	26	18	27	89
Trawl-Bottom	3,381	3,359	1,959	2,388	2,366	1,577	1,523	1,322	1,579	1,247	1,142	1,045	1,004	818	1,765

Source: NMFS 2022

Table I-37   Annual Number of Commercial Fishing Vessels that Fished in the Lease Area by Gear Type, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Dredge-Scallop	155	179	234	239	179	111	227	168	212	173	79	77	184	66	163
Trawl-Bottom	153	176	139	149	176	148	156	156	159	153	139	135	122	119	149

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Pots	25	31	19	23	21	26	26	16	18	18	18	19	12	14	20
Gillnet-Sink	33	34	35	31	17	9	13	18	8	9	12	6	3	6	17
Dredge-Clam	15	17	17	17	10	11	15	13	16	11	9	13	14	15	14
Trawl-Midwater	15	15	14	5	10	7	0	4	6	7	9	9	8	4	8

Source: NMFS 2022

Table I-38   Annual Number of Commercial Fishing Vessel Trips to the EW 1 WEA for the Top 20 Landing Ports, 2008–2021

Port and State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Point Pleasant, NJ	1,090	952	625	635	779	702	649	602	454	374	378	346	426	293	593
Belford, NJ	0	638	629	691	0	504	458	0	556	0	359	0	367	307	322
Freeport, NY	781	569	378	389	318	237	199	206	206	198	157	147	150	149	292
Point Lookout, NY	797	1,053	219	434	324	121	152	0	0	0	0	0	0	0	221
New Bedford, MA	110	120	180	138	87	39	130	55	84	63	56	43	114	25	89
Cape May, NJ	69	77	79	151	101	60	84	96	75	46	51	29	51	24	71
Point Judith, RI	8	66	45	68	74	57	105	86	49	42	106	55	53	33	61
Barnegat, NJ	27	56	83	85	58	77	62	99	75	44	43	0	0	32	53
Montauk, NY	15	27	25	66	50	10	19	18	0	25	37	24	10	14	24
Newport News, VA	27	34	26	56	44	38	24	16	16	11	9	10	11	16	24
Atlantic City, NJ	12	16	8	0	8	4	6	6	38	44	0	10	44	24	16
Hampton, VA	0	0	0	0	32	0	0	28	36	30	0	19	23	20	13
Shark River, NJ	0	0	123	32	17	0	0	0	0	0	12	0	0	0	13
Shinnecock, NY	33	29	22	21	5	11	6	6	0	0	0	7	0	0	10
Long Beach, NY	133	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Beaufort, NC	0	0	0	0	4	0	5	17	16	20	17	16	14	20	9
Islip, NY	91	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Brooklyn, NY	0	0	0	90	0	0	0	0	0	0	0	0	0	0	6
Stonington, CT	13	10	13	0	0	0	0	6	5	0	0	8	10	0	5
Chincoteague, VA	0	0	0	0	0	16	9	0	0	13	10	7	0	0	4

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-39   Annual Number of Commercial Fishing Vessels that Fished in the EW 1 WEA for the Top 20 Landing Ports, 2008–2021

Port and State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Bedford, MA	55	71	106	79	57	30	93	42	63	45	32	28	78	20	57
Point Pleasant, NJ	64	74	57	77	55	49	63	49	49	38	37	32	39	29	51
Cape May, NJ	35	42	60	65	52	31	47	44	35	21	12	14	28	14	36
Point Judith, RI	8	28	22	29	26	27	40	31	28	24	34	28	30	18	27
Newport News, VA	17	20	16	37	29	24	20	13	14	9	7	10	8	13	17
Barnegat, NJ	13	20	24	26	20	19	19	27	19	17	14	0	0	9	16
Belford, NJ	0	21	18	18	0	16	14	0	14	0	16	0	14	12	10

Port and State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Hampton, VA	0	0	0	0	20	0	0	19	22	24	0	14	16	15	9
Montauk, NY	10	11	10	9	13	6	7	7	0	8	10	8	7	5	8
Beaufort, NC	0	0	0	0	4	0	4	13	14	18	16	12	11	18	8
Point Lookout, NY	22	26	11	17	17	7	10	0	0	0	0	0	0	0	8
Freeport, NY	16	17	13	8	8	5	7	4	6	6	4	5	4	4	8
Shinnecock, NY	14	11	13	10	4	6	5	3	0	0	0	3	0	0	5
Atlantic City, NJ	8	8	4	0	4	3	5	4	5	3	0	3	7	5	4
Chincoteague, VA	0	0	0	0	0	11	6	0	0	9	6	7	0	0	3
Stonington, CT	7	6	6	0	0	0	0	3	3	0	0	3	3	0	2
Wanchese, NC	6	5	0	3	0	0	6	0	6	3	0	0	0	0	2
Long Beach, NY	27	0	0	0	0	0	0	0	0	0	0	0	0	0	2
New London, CT	6	5	4	5	4	0	0	0	0	0	0	0	0	0	2
Hampton Bay, NY	0	0	0	3	0	0	3	0	0	3	4	4	0	0	1

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-40   Annual Number of Commercial Fishing Vessel Trips to the EW 2 WEA for the Top 20 Landing Ports, 2008–2021

Port and State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Point Pleasant, NJ	1,000	803	444	536	626	632	665	700	694	491	493	462	472	384	600
Point Lookout, NY	768	1,040	186	407	303	130	125	0	0	0	0	0	0	0	211
New Bedford, MA	139	148	224	176	127	57	199	88	164	153	84	63	162	46	131
Freeport, NY	567	412	194	196	156	83	0	45	0	0	0	0	0	50	122
Barnegat, NJ	61	120	161	147	85	123	117	170	144	75	132	0	69	51	104
Cape May, NJ	80	86	95	179	148	97	171	114	115	72	58	43	68	32	97
Point Judith, RI	13	99	61	84	84	109	132	120	116	81	140	97	80	76	92
Belford, NJ	0	118	64	120	0	50	72	0	87	0	75	0	29	30	46
Montauk, NY	20	39	30	76	61	27	24	28	16	39	53	35	18	22	35
Atlantic City, NJ	8	10	26	18	9	22	74	59	61	72	41	24	45	18	35
Newport News, VA	32	41	36	66	58	49	39	29	20	23	11	17	19	20	33
Shinnecock, NY	67	122	58	28	11	20	10	15	13	5	4	16	4	4	27
Hampton, VA	0	0	0	0	45	0	14	43	47	36	11	27	27	23	20
Beaufort, NC	5	0	0	0	4	0	13	30	25	20	30	23	23	31	15
Hampton Bay, NY	0	0	0	4	0	3	17	0	48	9	40	18	15	9	12
Long Beach, NY	153	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Islip, NY	118	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Stonington, CT	17	10	16	5	12	0	0	7	8	5	0	11	15	10	8
Chincoteague, VA	0	0	0	0	27	19	14	10	0	14	12	9	0	0	8
New London, CT	14	11	11	11	9	8	0	3	7	0	0	0	0	0	5

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-41   Annual Number of Commercial Fishing Vessels that Fished in the EW 2 WEA for the Top 20 Landing Ports, 2008–2021

Port and State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Bedford, MA	67	85	128	101	78	40	123	62	103	103	45	39	108	37	80
Point Pleasant, NJ	67	76	69	79	62	57	68	54	48	45	47	43	47	39	57
Cape May, NJ	36	47	63	72	69	40	55	47	48	36	18	20	41	21	44
Point Judith, RI	12	31	27	30	27	38	44	37	46	42	38	38	36	32	34
Newport News, VA	21	24	24	37	36	27	23	22	17	21	9	16	12	16	22
Barnegat, NJ	15	22	33	28	25	24	24	30	24	22	24	0	15	12	21
Hampton, VA	0	0	0	0	24	0	10	27	25	28	9	19	19	18	13
Beaufort, NC	4	0	0	0	4	0	11	22	23	18	27	19	17	27	12
Montauk, NY	11	14	9	11	13	11	7	8	6	7	11	9	8	8	10
Belford, NJ	0	15	16	13	0	13	12	0	9	0	13	0	6	8	8
Shinnecock, NY	17	18	16	11	4	6	7	3	4	3	3	5	4	3	7
Point Lookout, NY	20	24	9	14	15	7	8	0	0	0	0	0	0	0	7
Atlantic City, NJ	5	5	4	6	4	6	8	9	5	3	4	3	7	5	5
Chincoteague, VA	0	0	0	0	14	11	9	7	0	10	8	9	0	0	5
Stonington, CT	8	6	6	4	6	0	0	4	6	3	0	5	5	6	4
Freeport, NY	12	11	8	5	6	4	0	3	0	0	0	0	0	3	4
Wanchese, NC	8	9	6	5	0	0	8	0	10	4	0	0	0	0	4
New London, CT	7	5	6	6	5	4	0	3	4	0	0	0	0	0	3
Hampton Bay, NY	0	0	0	3	0	3	4	0	6	4	5	6	5	3	3
Long Beach, NY	29	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-42   Annual Number of Commercial Fishing Vessel Trips to the Lease Area for the Top 20 Landing Ports, 2008–2021

Port and State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Point Pleasant, NJ	1,258	1,048	710	713	930	983	883	901	826	623	596	561	621	435	792
Belford, NJ	0	652	632	704	0	512	462	0	567	0	367	0	367	310	327
Freeport, NY	788	575	386	393	318	237	199	206	206	198	157	147	150	150	294
Point Lookou, NYt	804	1,059	222	473	432	166	164	0	0	0	0	0	0	0	237
New Bedford, MA	139	148	225	176	128	57	201	88	164	153	84	63	162	46	131
Barnegat, NJ	61	124	163	159	94	124	121	171	150	79	142	0	76	52	108
Cape May, NJ	82	86	96	180	149	97	171	114	116	72	58	43	68	32	97
Point Judith, RI	14	99	62	85	85	110	132	122	117	81	141	97	80	76	93
Atlantic City, NJ	13	19	30	19	11	23	76	61	67	74	41	26	49	25	38
Montauk, NY	21	40	31	76	62	27	25	28	16	40	53	36	18	22	35
Newport News, VA	32	41	36	66	58	49	39	29	20	23	11	17	19	20	33
Shinnecock, NY	71	127	58	28	12	20	10	16	13	5	4	21	8	4	28
Hampton, VA	0	0	0	0	45	0	14	43	47	36	11	27	27	23	20
Shark River, NJ	0	0	126	33	27	0	46	0	0	0	12	0	0	0	17
Beaufort, NC	5	0	0	0	4	0	13	30	25	21	30	23	23	31	15
Hampton Bay, NY	0	0	10	6	0	3	20	0	49	9	42	19	15	9	13

Port and State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Long Beach, NY	155	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Islip, NY	119	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Stonington, CT	17	10	16	5	12	0	0	7	8	5	0	12	16	10	8
Chincoteague, VA	0	0	0	0	27	19	14	10	0	14	12	9	0	0	8

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-43   Annual Number of Commercial Fishing Vessels that Fished in the Lease Area for the Top 20 Landing Ports, 2008–2021

Port and State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Bedford, MA	67	85	128	101	79	40	124	62	103	103	45	39	108	37	80
Point Pleasant, NJ	71	82	71	84	66	59	74	59	54	48	48	45	49	39	61
Cape May, NJ	38	47	64	72	69	40	55	47	49	36	18	20	41	21	44
Point Judith, RI	13	31	28	30	27	38	44	39	47	42	38	38	36	32	35
Barnegat, NJ	15	25	33	30	27	24	24	31	25	23	25	0	15	12	22
Newport News, VA	21	24	24	37	36	27	23	22	17	21	9	16	12	16	22
Hampton, VA	0	0	0	0	24	0	10	27	25	28	9	19	19	18	13
Beaufort, NC	4	0	0	0	4	0	11	22	23	19	27	19	17	27	12
Belford, NJ	0	21	18	18	0	17	14	0	14	0	16	0	14	12	10
Montauk, NY	11	14	10	11	14	11	8	8	6	8	11	9	8	8	10
Point Lookout, NY	22	26	11	17	18	8	10	0	0	0	0	0	0	0	8
Shinnecock, NY	17	19	16	11	5	6	7	4	4	3	3	6	4	3	8
Freeport, NY	16	17	13	8	8	5	7	4	6	6	4	5	4	4	8
Atlantic City, NJ	9	10	6	6	5	7	9	9	6	4	4	3	8	6	7
Chincoteague, VA	0	0	0	0	14	11	9	7	0	10	8	9	0	0	5
Stonington, CT	8	6	6	4	6	0	0	4	6	3	0	5	5	6	4
Wanchese, NC	8	9	6	5	0	0	8	0	10	4	0	0	0	0	4
Hampton Bay, NY	0	0	3	4	0	3	5	0	6	4	5	6	5	3	3
New London, CT	7	5	6	6	5	4	0	3	4	0	0	0	0	0	3
Long Beach, NY	30	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-44   Annual Commercial Landings (pounds) in the EW 1 WEA for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Herring	83,578	119,521	98,718	54,966	68,840	39,836	10,991	13,628	25,731	6,204	61,823	21,717	344	0	43,278
Atlantic Mackerel	117,033	91,506	170,078	53	84,578	460	113	6,781	735	7,480	58,843	20,431	18,461	9,573	41,866
Longfin Squid	4,465	40,121	11,933	87,093	126,160	47,676	134,042	12,703	807	3,173	16,383	8,042	14,146	2,746	36,392
Atlantic Sea Scallop	97,533	62,974	80,539	113,727	43,851	24,198	28,543	14,751	12,656	8,787	2,753	2,131	6,649	989	35,720
Atlantic Surf Clam	4,751	3,168	7,103	1,259	0	0	0	1,691	27,599	24,911	0	7,124	64,872	31,784	12,447
Summer Flounder	6,647	5,645	19,135	9,122	7,719	4,463	6,065	6,742	2,824	3,299	3,028	4,201	4,333	4,795	6,287
Skate spp.	1,934	2,425	4,822	2,959	4,279	3,507	4,034	4,227	3,480	3,790	4,212	6,169	4,953	8,550	4,239

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Menhaden	736	12,311	10,596	0	0	0	11	6	1,802	1,613	16,677	9	1,783	1,990	3,395
Scup	330	417	929	892	1,001	1,007	1,037	2,549	1,818	2,267	12,874	4,531	3,785	4,119	2,683
Spiny Dogfish	650	2,035	2,063	3,834	1,003	994	757	946	1,124	2,101	1,298	3,713	918	1,161	1,614
Silver Hake	1,702	5,759	2,059	3,620	2,242	1,097	1,733	501	123	160	266	539	404	134	1,453
Monkfish	4,961	3,143	2,010	2,052	1,301	634	838	1,121	1,025	333	407	298	130	94	1,311
Black Sea Bass	165	236	299	349	317	359	368	640	442	1,813	1,628	2,210	1,728	1,232	842
American Lobster	812	605	507	890	649	791	841	893	481	352	294	354	352	963	627
Smooth Dogfish	430	996	1,693	1,993	543	336	222	256	108	159	363	145	181	184	544
Bluefish	394	637	369	1,168	853	288	365	265	171	132	139	200	196	107	377
Illex Squid	0	95	70	183	3,155	27	5	16	68	0	3	0	53	0	263
Red Hake	382	452	246	371	535	195	334	268	54	63	45	251	229	67	249
Butterfish	110	116	231	332	777	224	353	195	171	88	67	574	149	104	249
Jonah Crab	6	733	21	19	23	33	67	351	301	70	151	339	172	315	186
All Species[1]	328,397	355,574	422,682	293,067	356,899	162,914	204,585	75,563	92,890	116,016	205,348	86,415	126,545	76,762	207,404

Source: NMFS 2022
[1] Includes 65 species and taxonomic groups that were landed in the EW 1 WEA

Table I-45   Annual Commercial Revenue (2021 dollars) in the EW 1 WEA for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Sea Scallop	$797,669	$481,919	$784,774	$1,344,285	$511,705	$329,882	$401,123	$212,032	$165,379	$79,173	$26,213	$21,774	$67,671	$14,600	$374,157
Longfin Squid	$5,338	$47,855	$18,738	$134,536	$159,471	$63,142	$156,041	$18,336	$1,194	$5,245	$28,818	$14,151	$17,483	$4,627	$48,213
Summer Flounder	$20,459	$14,321	$61,256	$25,318	$24,883	$13,426	$19,712	$24,271	$14,035	$16,120	$15,117	$13,891	$12,867	$20,151	$21,131
Atlantic Mackerel	$22,357	$20,285	$30,576	$49	$41,689	$254	$74	$1,722	$220	$1,825	$13,221	$4,730	$4,866	$2,197	$10,290
Atlantic Surf Clam	$3,713	$2,085	$5,801	$1,029	$0	$0	$0	$923	$20,971	$19,116	$0	$6,212	$46,264	$23,795	$9,279
Atlantic Herring	$8,275	$12,352	$12,177	$6,405	$9,476	$9,925	$1,387	$2,051	$3,330	$1,127	$11,540	$5,163	$78	$0	$5,949
American Lobster	$4,648	$2,924	$2,506	$4,935	$3,031	$3,959	$4,567	$4,772	$2,789	$1,932	$1,591	$2,123	$1,919	$7,194	$3,492
Monkfish	$13,039	$6,386	$5,691	$5,706	$4,131	$1,541	$1,975	$2,473	$2,078	$489	$540	$418	$194	$129	$3,199
Black Sea Bass	$779	$869	$1,261	$1,425	$1,409	$1,567	$1,463	$3,101	$1,943	$4,518	$8,218	$9,690	$3,486	$4,222	$3,139
Scup	$353	$362	$813	$603	$582	$682	$1,055	$1,876	$1,781	$1,492	$8,490	$4,051	$3,208	$4,545	$2,135
Silver Hake	$1,381	$1,948	$1,695	$4,270	$1,777	$802	$1,337	$379	$76	$177	$350	$578	$452	$240	$1,105
Skate spp.	$358	$513	$1,220	$1,078	$780	$542	$821	$640	$469	$531	$779	$732	$753	$1,210	$745
Tautog	$258	$244	$181	$186	$108	$330	$119	$234	$638	$170	$73	$208	$215	$6,800	$697
Atlantic Menhaden	$112	$1,448	$1,305	$0	$0	$0	$2	$1	$212	$252	$2,911	$1	$195	$548	$499
Spiny Dogfish	$228	$621	$458	$1,190	$249	$215	$155	$201	$266	$490	$305	$1,132	$237	$287	$431
Smooth Dogfish	$297	$567	$1,111	$1,051	$368	$212	$186	$153	$94	$132	$252	$119	$132	$176	$346
Bluefish	$388	$404	$254	$924	$592	$226	$284	$171	$134	$104	$154	$153	$276	$130	$299
Winter Flounder	$2,075	$558	$0	$78	$4	$274	$38	$39	$3	$0	$7	$0	$0	$0	$220
Butterfish	$119	$126	$179	$255	$523	$161	$278	$126	$142	$67	$53	$513	$118	$127	$199
Conch spp.	$1,188	$29	$9	$0	$1	$1,444	$19	$6	$6	$0	$0	$0	$0	$0	$193
All Species[1]	$884,005	$598,183	$938,331	$1,540,512	$771,412	$463,099	$601,548	$281,958	$229,107	$188,080	$136,910	$89,924	$163,904	$98,530	$498,965

Source: NMFS 2022
[1] Includes 65 species and taxonomic groups that were landed in the EW 1 WEA

Table I-46   Annual Commercial Landings (pounds) in the EW 2 WEA for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Sea Scallop	345,910	153,170	172,472	428,891	277,440	88,879	166,082	86,083	72,533	35,478	13,518	12,061	32,906	4,670	135,007
Atlantic Herring	230,113	274,246	164,314	59,027	281,781	160,608	36,814	23,406	166,343	17,373	84,268	48,578	820	0	110,549
Atlantic Mackerel	186,725	298,824	215,697	37	135,327	1,255	130	13,301	1,343	16,692	106,421	48,006	52,307	37,094	79,511
Atlantic Surf Clam	1,573	0	0	0	0	0	0	0	48,254	49,697	0	24,125	77,798	60,113	18,683
Longfin Squid	3,880	12,517	8,263	32,054	34,305	13,643	45,636	17,804	2,618	2,942	14,598	10,120	19,656	3,995	15,859
Scup	426	1,055	1,053	1,202	2,268	2,712	2,078	4,438	4,885	6,440	58,059	19,056	17,209	16,502	9,813
Monkfish	24,992	10,240	8,504	8,480	6,433	2,801	3,737	7,506	12,868	4,198	9,193	1,124	569	193	7,203
Summer Flounder	8,141	6,004	6,097	6,882	6,332	4,613	7,378	6,558	4,088	3,166	6,396	6,043	6,192	4,668	5,897
Atlantic Menhaden	710	0	12,327	0	0	0	16	16	20,175	1,396	7,330	0	1,424	6,569	3,569
Black Sea Bass	288	331	117	234	330	496	788	1,460	1,376	5,165	11,621	5,460	8,780	3,799	2,875
Skate spp.	1,775	1,675	2,789	2,216	2,120	884	3,724	3,524	3,157	1,946	6,148	2,147	1,292	2,991	2,599
Spiny Dogfish	1,491	1,300	978	2,314	924	518	358	819	301	310	963	928	195	432	845
American Lobster	595	702	233	474	540	279	1,585	1,110	463	314	221	379	411	1,828	652
Smooth Dogfish	527	395	853	838	287	107	221	165	53	146	1,681	895	1,322	440	566
Waved Whelk	0	0	0	0	0	7,680	0	0	0	0	0	0	0	0	549
Silver Hake	464	1,036	1,186	1,859	523	293	651	191	115	153	220	166	268	51	513
Bluefish	247	352	238	662	493	209	221	296	210	364	997	356	929	377	425
Ocean Quahog	0	0	5,646	0	0	0	0	0	0	0	0	0	0	0	403
Jonah Crab	1	7	5	4	7	68	165	749	161	143	158	720	118	549	204
Butterfish	72	157	183	101	336	75	415	83	135	100	65	779	196	84	199
All Species[1]	**822,679**	**808,745**	**602,520**	**585,877**	**774,590**	**294,060**	**281,693**	**178,977**	**377,632**	**209,069**	**358,311**	**196,917**	**256,210**	**183,276**	**423,611**

Source: NMFS 2022
[1] Includes 68 species and taxonomic groups that were landed in the EW 2 WEA

Table I-47   Annual Commercial Revenue (2021 dollars) in the EW 2 WEA for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Sea Scallop	$2,837,134	$1,175,191	$1,623,699	$5,056,463	$3,282,030	$1,225,772	$2,353,044	$1,236,877	$978,516	$344,112	$134,165	$129,052	$338,888	$72,934	$1,484,848
Longfin Squid	$4,276	$15,308	$11,951	$49,982	$43,729	$17,547	$53,283	$25,386	$3,653	$4,900	$25,721	$17,469	$24,172	$6,001	$21,670
Summer Flounder	$24,735	$13,676	$18,371	$16,553	$16,903	$12,354	$22,539	$21,662	$18,766	$13,767	$29,576	$17,310	$15,973	$14,464	$18,332
Atlantic Mackerel	$28,643	$66,954	$46,020	$27	$44,998	$623	$84	$3,248	$402	$4,251	$22,797	$10,638	$13,686	$8,269	$17,903
Monkfish	$64,285	$19,399	$21,966	$24,208	$20,125	$6,159	$9,279	$15,079	$24,146	$6,399	$11,171	$1,601	$739	$286	$16,060
Atlantic Surf Clam	$1,390	$0	$0	$0	$0	$0	$0	$0	$38,799	$41,703	$0	$23,576	$74,489	$43,861	$15,987
Atlantic Herring	$26,799	$26,581	$21,677	$8,103	$34,551	$41,329	$4,220	$3,199	$21,642	$3,585	$15,478	$11,097	$181	$0	$15,603
Black Sea Bass	$1,481	$1,091	$537	$1,158	$1,584	$2,155	$3,245	$6,716	$6,249	$12,894	$64,015	$24,490	$22,281	$14,275	$11,584
Scup	$546	$826	$965	$796	$1,434	$2,015	$1,960	$3,516	$5,130	$4,981	$44,576	$22,472	$13,766	$19,871	$8,775
American Lobster	$2,550	$3,176	$1,181	$2,790	$2,722	$1,430	$8,890	$6,376	$2,701	$1,803	$1,175	$2,150	$2,476	$12,431	$3,704
Skate spp.	$622	$717	$1,609	$1,436	$721	$386	$845	$1,156	$1,081	$670	$2,490	$373	$387	$539	$931
Conch spp.	$1,717	$70	$0	$0	$0	$6,272	$209	$15	$101	$0	$0	$0	$0	$0	$599
Silver Hake	$347	$502	$940	$2,969	$443	$201	$484	$153	$63	$174	$259	$132	$276	$60	$500
Atlantic Menhaden	$112	$0	$1,475	$0	$0	$0	$3	$2	$2,229	$218	$1,340	$0	$163	$1,245	$485
Bluefish	$190	$199	$183	$482	$384	$166	$171	$221	$174	$294	$1,126	$265	$1,143	$447	$389

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Smooth Dogfish	$321	$259	$677	$450	$189	$78	$166	$99	$65	$129	$1,124	$747	$807	$293	$386
Waved Whelk	$0	$0	$0	$0	$0	$5,025	$0	$0	$0	$0	$0	$0	$0	$0	$359
Ocean Quahog	$0	$0	$4,333	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$309
Spiny Dogfish	$554	$347	$221	$674	$221	$102	$72	$153	$65	$68	$231	$262	$99	$112	$227
Jonah Crab	$1	$5	$4	$4	$5	$51	$159	$570	$122	$136	$168	$615	$110	$641	$185
All Species[1]	$3,006,201	$1,344,704	$1,757,632	$5,191,043	$3,467,691	$1,329,837	$2,470,263	$1,334,810	$1,148,459	$514,058	$388,115	$282,682	$552,565	$237,483	$1,644,682

Source: NMFS 2022
[1] Includes 68 species and taxonomic groups that were landed in the EW 2 WEA

Table I-48   Annual Commercial Landings (pounds) in the Lease Area for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Sea Scallop	443,443	216,143	253,010	542,618	321,290	113,077	194,625	100,834	85,189	44,265	16,271	14,192	39,555	5,660	170,727
Atlantic Herring	313,690	393,767	263,032	113,994	350,621	200,445	47,805	37,034	192,073	23,577	146,091	70,294	1,164	0	153,828
Atlantic Mackerel	303,757	390,330	385,775	90	219,905	1,715	243	20,082	2,078	24,172	165,265	68,437	70,769	46,666	121,377
Longfin Squid	8,345	52,638	20,197	119,147	160,464	61,318	179,678	30,507	3,425	6,114	30,981	18,162	33,802	6,741	52,251
Surf Clam	6,324	12,525	7,418	2,043	0	0	0	7,197	75,853	74,608	0	31,249	142,670	91,897	32,270
Scup	757	1,472	1,981	2,094	3,269	3,719	3,115	6,986	6,703	8,706	70,933	23,587	20,994	20,622	12,496
Summer Flounder	14,788	11,650	25,232	16,004	14,051	9,075	13,442	13,300	6,912	6,465	9,424	10,244	10,524	9,463	12,184
Angler	29,953	13,383	10,515	10,532	7,734	3,435	4,574	8,627	13,893	4,531	9,600	1,422	699	287	8,513
Menhaden	1,446	24,789	22,922	0	0	0	28	22	21,977	3,009	24,007	11	3,206	8,559	7,855
Skates	3,709	4,100	7,610	5,175	6,400	4,391	7,758	7,751	6,637	5,736	10,360	8,315	6,245	11,541	6,838
Black Sea Bass	453	567	416	583	647	855	1,156	2,100	1,817	6,978	13,249	7,670	10,509	5,031	3,717
Dogfish Spiny	2,141	3,335	3,041	6,149	1,926	1,512	1,115	1,764	1,425	2,411	2,261	4,641	1,113	1,593	2,459
Silver Hake	2,166	6,795	3,245	5,479	2,765	1,390	2,384	692	239	313	487	705	672	185	1,966
American Lobster	1,407	1,307	740	1,364	1,190	1,070	2,426	2,003	944	665	516	733	763	2,791	1,280
Dogfish Smooth	958	1,391	2,547	2,831	830	443	443	420	161	304	2,044	1,040	1,503	624	1,110
Ocean Quahog	0	0	14,028	0	0	0	0	0	0	0	0	0	0	0	1,002
Bluefish	641	990	607	1,830	1,346	497	586	562	382	496	1,136	556	1,125	483	803
Waved Whelk	0	0	0	0	0	9,090	0	0	0	0	0	0	0	0	649
Butterfish	182	273	414	433	1,113	299	769	278	306	188	132	1,353	346	188	448
Jonah Crab	7	740	26	23	31	101	232	1,100	462	213	309	1,058	290	864	390
All Species[1]	1,151,074	1,164,328	1,025,214	878,947	1,131,490	456,977	486,279	254,541	470,525	325,086	563,669	283,338	382,762	260,041	631,019

Source: NMFS 2022
[1] Includes 72 species and taxonomic groups that were landed in the Lease Area

Table I-49   Annual Commercial Revenue (2021 dollars) in the Lease Area for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Sea Scallop	$3,634,804	$1,657,110	$2,408,472	$6,400,749	$3,793,735	$1,555,654	$2,754,167	$1,448,909	$1,143,894	$423,285	$160,379	$150,827	$406,559	$87,534	$1,859,006
Longfin Squid	$9,615	$63,163	$30,688	$184,519	$203,200	$80,689	$209,324	$43,722	$4,849	$10,146	$54,540	$31,619	$41,654	$10,629	$69,883
Summer Flounder	$45,194	$27,997	$79,626	$41,870	$41,786	$25,780	$42,250	$45,934	$32,800	$29,887	$44,693	$31,200	$28,839	$34,615	$39,462
Atlantic Mackerel	$51,001	$87,239	$76,596	$75	$86,686	$878	$158	$4,970	$621	$6,076	$36,018	$15,368	$18,551	$10,467	$28,193

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Surf Clam	$5,104	$6,168	$6,058	$1,655	$0	$0	$0	$5,265	$59,769	$60,819	$0	$29,789	$120,753	$67,656	$25,931
Atlantic Herring	$35,074	$38,932	$33,854	$14,508	$44,027	$51,254	$5,608	$5,251	$24,971	$4,712	$27,019	$16,259	$259	$0	$21,552
Angler	$77,324	$25,784	$27,659	$29,914	$24,256	$7,700	$11,253	$17,552	$26,224	$6,888	$11,710	$2,019	$934	$414	$19,259
Black Sea Bass	$2,260	$1,960	$1,798	$2,583	$2,993	$3,722	$4,708	$9,817	$8,192	$17,411	$72,234	$34,180	$25,767	$18,497	$14,723
Scup	$899	$1,189	$1,778	$1,401	$2,017	$2,698	$3,016	$5,393	$6,911	$6,473	$53,066	$26,522	$16,975	$24,417	$10,911
American Lobster	$7,198	$6,100	$3,687	$7,726	$5,752	$5,389	$13,457	$11,149	$5,492	$3,735	$2,766	$4,273	$4,394	$19,625	$7,196
Skates	$980	$1,230	$2,829	$2,514	$1,501	$927	$1,668	$1,796	$1,549	$1,202	$3,269	$1,105	$1,140	$1,749	$1,676
Silver Hake	$1,730	$2,449	$2,635	$7,239	$2,220	$1,003	$1,820	$534	$138	$352	$609	$710	$728	$300	$1,605
Menhaden	$225	$2,927	$2,780	$0	$0	$0	$6	$3	$2,441	$470	$4,251	$2	$357	$1,793	$1,090
Ocean Quahog	$0	$0	$11,585	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$828
Conchs	$2,903	$99	$58	$70	$2	$7,717	$228	$21	$107	$0	$0	$0	$0	$0	$800
Tautog	$309	$296	$214	$202	$112	$347	$127	$247	$663	$176	$75	$212	$227	$7,315	$752
Dogfish Smooth	$619	$826	$1,788	$1,501	$557	$290	$352	$252	$159	$261	$1,376	$866	$939	$469	$732
Bluefish	$579	$603	$437	$1,404	$976	$392	$455	$392	$307	$397	$1,280	$418	$1,419	$576	$688
Dogfish Spiny	$782	$968	$679	$1,862	$470	$317	$227	$354	$332	$559	$536	$1,392	$336	$399	$658
Waved Whelk	$0	$0	$0	$0	$0	$5,945	$0	$0	$0	$0	$0	$0	$0	$0	$425
All Species	$3,890,211	$1,942,893	$2,695,963	$6,731,547	$4,239,108	$1,792,933	$3,071,813	$1,616,776	$1,377,580	$702,154	$525,042	$372,606	$716,471	$336,024	$2,143,652

Source: NMFS 2022
[1] Includes 72 species and taxonomic groups that were landed in the Lease Area

Table I-50   Commercial Landings in the EW 1 WEA as a Percentage of Landings in the Geographic Analysis Area for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Tautog	0.062%	0.055%	0.037%	0.044%	0.028%	0.073%	0.041%	0.056%	0.159%	0.050%	0.017%	0.076%	0.086%	1.934%	0.194%
Atlantic Mackerel	0.242%	0.187%	0.780%	0.004%	0.696%	0.005%	0.001%	0.054%	0.006%	0.048%	0.304%	0.180%	0.101%	0.077%	0.192%
Longfin Squid	0.016%	0.193%	0.072%	0.397%	0.467%	0.196%	0.519%	0.049%	0.002%	0.018%	0.066%	0.030%	0.070%	0.012%	0.150%
Northern Puffer	0.000%	0.000%	0.000%	0.000%	0.000%	0.090%	0.000%	0.000%	0.000%	0.000%	0.000%	1.419%	0.000%	0.000%	0.108%
Atlantic Sea Scallop	0.180%	0.108%	0.143%	0.195%	0.077%	0.060%	0.086%	0.042%	0.032%	0.017%	0.005%	0.004%	0.014%	0.002%	0.069%
Summer Flounder	0.063%	0.059%	0.155%	0.060%	0.066%	0.040%	0.061%	0.070%	0.040%	0.065%	0.056%	0.052%	0.053%	0.050%	0.064%
Chub Mackerel	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%	0.009%	0.000%	0.000%	0.000%	0.000%	0.040%	0.684%	0.052%
Sea Robin spp.	0.023%	0.039%	0.152%	0.044%	0.022%	0.014%	0.034%	0.026%	0.020%	0.021%	0.076%	0.018%	0.045%	0.184%	0.051%
Smooth Dogfish	0.054%	0.074%	0.087%	0.111%	0.043%	0.028%	0.020%	0.029%	0.016%	0.019%	0.042%	0.019%	0.030%	0.022%	0.042%
Cobia	0.000%	0.000%	0.000%	0.331%	0.171%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.059%	0.040%
Atlantic Surf Clam	0.010%	0.007%	0.018%	0.003%	0.000%	0.000%	0.000%	0.004%	0.069%	0.067%	0.000%	0.021%	0.238%	0.114%	0.039%
Black Drum	0.000%	0.017%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.513%	0.000%	0.038%
Black Sea Bass	0.010%	0.025%	0.024%	0.026%	0.024%	0.020%	0.020%	0.037%	0.022%	0.058%	0.062%	0.083%	0.055%	0.035%	0.036%
Weakfish	0.042%	0.018%	0.030%	0.025%	0.113%	0.029%	0.015%	0.009%	0.044%	0.026%	0.022%	0.028%	0.043%	0.046%	0.035%
Atlantic Herring	0.048%	0.055%	0.068%	0.031%	0.036%	0.019%	0.005%	0.008%	0.019%	0.006%	0.064%	0.076%	0.002%	0.000%	0.031%
Scup	0.008%	0.007%	0.011%	0.007%	0.009%	0.007%	0.008%	0.019%	0.014%	0.017%	0.120%	0.042%	0.035%	0.041%	0.025%
Skate spp.	0.007%	0.010%	0.020%	0.014%	0.019%	0.017%	0.019%	0.020%	0.017%	0.023%	0.022%	0.033%	0.028%	0.064%	0.022%
Red Hake	0.023%	0.026%	0.015%	0.026%	0.028%	0.016%	0.023%	0.024%	0.004%	0.007%	0.004%	0.026%	0.032%	0.013%	0.019%

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
American Eel	0.000%	0.000%	0.000%	0.008%	0.065%	0.000%	0.006%	0.000%	0.000%	0.022%	0.015%	0.013%	0.019%	0.118%	0.019%
Bluefish	0.010%	0.016%	0.008%	0.039%	0.033%	0.015%	0.014%	0.014%	0.008%	0.007%	0.019%	0.020%	0.027%	0.017%	0.018%

Source: NMFS 2022

Table I-51   Commercial Revenue in the EW 1 WEA as a Percentage of Revenue in the Geographic Analysis Area for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Tautog	0.051%	0.056%	0.041%	0.040%	0.032%	0.076%	0.036%	0.070%	0.152%	0.046%	0.027%	0.070%	0.089%	1.925%	0.194%
Atlantic Mackerel	0.274%	0.184%	0.605%	0.008%	0.829%	0.013%	0.002%	0.040%	0.006%	0.040%	0.280%	0.162%	0.090%	0.020%	0.182%
Longfin Squid	0.016%	0.199%	0.085%	0.425%	0.442%	0.204%	0.531%	0.052%	0.002%	0.019%	0.070%	0.031%	0.066%	0.014%	0.154%
Northern Puffer	0.000%	0.000%	0.000%	0.000%	0.000%	0.055%	0.000%	0.000%	0.000%	0.000%	0.000%	1.402%	0.000%	0.000%	0.104%
Summer Flounder	0.068%	0.063%	0.204%	0.077%	0.079%	0.045%	0.064%	0.077%	0.051%	0.068%	0.064%	0.053%	0.059%	0.074%	0.075%
Atlantic Sea Scallop	0.167%	0.101%	0.141%	0.190%	0.077%	0.061%	0.083%	0.043%	0.031%	0.014%	0.005%	0.004%	0.013%	0.002%	0.066%
Sea Robin spp.	0.041%	0.028%	0.108%	0.070%	0.030%	0.010%	0.034%	0.025%	0.014%	0.024%	0.067%	0.036%	0.101%	0.192%	0.056%
Cobia	0.000%	0.000%	0.000%	0.443%	0.214%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.079%	0.053%
Chub Mackerel	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%	0.045%	0.000%	0.000%	0.000%	0.000%	0.019%	0.638%	0.050%
American Eel	0.000%	0.000%	0.000%	0.009%	0.018%	0.000%	0.002%	0.000%	0.000%	0.218%	0.002%	0.112%	0.223%	0.088%	0.048%
Black Sea Bass	0.012%	0.025%	0.025%	0.026%	0.026%	0.023%	0.020%	0.045%	0.023%	0.043%	0.082%	0.099%	0.044%	0.045%	0.038%
Weakfish	0.062%	0.022%	0.035%	0.024%	0.112%	0.030%	0.009%	0.007%	0.048%	0.021%	0.031%	0.035%	0.043%	0.041%	0.037%
Atlantic Surf Clam	0.009%	0.006%	0.017%	0.003%	0.000%	0.000%	0.000%	0.003%	0.060%	0.058%	0.000%	0.022%	0.200%	0.106%	0.035%
Smooth Dogfish	0.025%	0.050%	0.075%	0.085%	0.035%	0.022%	0.020%	0.022%	0.015%	0.019%	0.034%	0.018%	0.024%	0.023%	0.033%
Scup	0.007%	0.006%	0.013%	0.008%	0.006%	0.007%	0.012%	0.018%	0.017%	0.016%	0.098%	0.052%	0.042%	0.060%	0.026%
Atlantic Herring	0.032%	0.044%	0.052%	0.022%	0.030%	0.028%	0.004%	0.007%	0.010%	0.004%	0.046%	0.050%	0.001%	0.000%	0.024%
Black Drum	0.000%	0.023%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.261%	0.000%	0.020%
Red Hake	0.026%	0.028%	0.018%	0.023%	0.024%	0.017%	0.023%	0.026%	0.006%	0.009%	0.007%	0.030%	0.021%	0.018%	0.020%
Bluefish	0.017%	0.019%	0.012%	0.043%	0.028%	0.013%	0.015%	0.010%	0.008%	0.007%	0.019%	0.014%	0.037%	0.019%	0.019%
Conger Eel	0.015%	0.009%	0.007%	0.009%	0.011%	0.008%	0.011%	0.005%	0.005%	0.006%	0.012%	0.038%	0.060%	0.015%	0.015%

Source: NMFS 2022

Table I-52   Commercial Landings in the EW 2 WEA as a Percentage of Landings in the Geographic Analysis Area for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Mackerel	0.386%	0.611%	0.989%	0.003%	1.113%	0.014%	0.001%	0.106%	0.010%	0.107%	0.549%	0.424%	0.287%	0.299%	0.350%
Atlantic Sea Scallop	0.640%	0.263%	0.306%	0.734%	0.489%	0.219%	0.503%	0.245%	0.182%	0.070%	0.024%	0.020%	0.069%	0.011%	0.269%
Chub Mackerel	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%	0.009%	0.000%	0.000%	0.000%	0.000%	0.192%	2.073%	0.163%
Black Sea Bass	0.017%	0.036%	0.009%	0.017%	0.025%	0.028%	0.042%	0.084%	0.068%	0.165%	0.442%	0.204%	0.277%	0.107%	0.109%
Scup	0.011%	0.017%	0.013%	0.010%	0.020%	0.019%	0.016%	0.032%	0.037%	0.050%	0.539%	0.175%	0.160%	0.163%	0.090%
Atlantic Herring	0.132%	0.126%	0.113%	0.033%	0.146%	0.077%	0.018%	0.013%	0.122%	0.016%	0.088%	0.171%	0.004%	0.000%	0.076%
Monkfish	0.204%	0.103%	0.102%	0.085%	0.060%	0.031%	0.043%	0.082%	0.137%	0.041%	0.092%	0.011%	0.008%	0.003%	0.072%
Longfin Squid	0.014%	0.060%	0.050%	0.146%	0.127%	0.056%	0.177%	0.069%	0.007%	0.017%	0.059%	0.037%	0.098%	0.017%	0.067%
Summer Flounder	0.078%	0.062%	0.050%	0.045%	0.054%	0.041%	0.074%	0.068%	0.057%	0.062%	0.119%	0.075%	0.076%	0.049%	0.065%
Smooth Dogfish	0.066%	0.029%	0.044%	0.047%	0.023%	0.009%	0.019%	0.019%	0.008%	0.017%	0.197%	0.119%	0.222%	0.054%	0.062%

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Surf Clam	0.003%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.120%	0.134%	0.000%	0.072%	0.286%	0.216%	0.059%
Bluefish	0.006%	0.009%	0.005%	0.022%	0.019%	0.011%	0.008%	0.015%	0.010%	0.020%	0.137%	0.036%	0.130%	0.061%	0.035%
Sea Robin spp.	0.012%	0.027%	0.052%	0.020%	0.039%	0.014%	0.019%	0.024%	0.023%	0.015%	0.088%	0.027%	0.000%	0.101%	0.033%
Weakfish	0.022%	0.010%	0.010%	0.023%	0.012%	0.017%	0.019%	0.042%	0.046%	0.043%	0.050%	0.013%	0.032%	0.102%	0.031%
Conger Eel	0.006%	0.000%	0.004%	0.000%	0.000%	0.019%	0.042%	0.004%	0.016%	0.002%	0.002%	0.033%	0.303%	0.008%	0.031%
Thresher Shark	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.020%	0.000%	0.000%	0.007%	0.403%	0.000%	0.000%	0.000%	0.031%
Northern Puffer	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.373%	0.000%	0.000%	0.027%
Clearnose Skate	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.057%	0.301%	0.000%	0.000%	0.000%	0.000%	0.026%
Conch spp.	0.143%	0.008%	0.000%	0.000%	0.000%	0.176%	0.015%	0.001%	0.010%	0.000%	0.000%	0.000%	0.000%	0.000%	0.025%
Waved Whelk	0.000%	0.000%	0.000%	0.000%	0.000%	0.350%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.025%

Source: NMFS 2022

Table I-53   Commercial Revenue in the EW 2 WEA as a Percentage of Revenue in the Geographic Analysis Area for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Mackerel	0.351%	0.606%	0.911%	0.004%	0.895%	0.031%	0.002%	0.075%	0.010%	0.094%	0.483%	0.363%	0.253%	0.075%	0.297%
Atlantic Sea Scallop	0.595%	0.246%	0.291%	0.715%	0.491%	0.225%	0.489%	0.249%	0.180%	0.062%	0.023%	0.021%	0.068%	0.011%	0.262%
Chub Mackerel	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%	0.041%	0.000%	0.000%	0.000%	0.000%	0.114%	1.885%	0.146%
Black Sea Bass	0.023%	0.031%	0.011%	0.021%	0.029%	0.031%	0.045%	0.097%	0.075%	0.123%	0.643%	0.251%	0.281%	0.153%	0.130%
Scup	0.011%	0.014%	0.015%	0.010%	0.015%	0.021%	0.022%	0.034%	0.050%	0.054%	0.513%	0.291%	0.178%	0.263%	0.107%
Longfin Squid	0.013%	0.064%	0.055%	0.158%	0.121%	0.057%	0.181%	0.072%	0.007%	0.018%	0.063%	0.038%	0.091%	0.018%	0.068%
Summer Flounder	0.083%	0.060%	0.061%	0.050%	0.054%	0.041%	0.074%	0.069%	0.068%	0.058%	0.126%	0.066%	0.073%	0.053%	0.067%
Monkfish	0.206%	0.086%	0.100%	0.080%	0.067%	0.031%	0.046%	0.073%	0.114%	0.033%	0.074%	0.011%	0.008%	0.003%	0.067%
Atlantic Surf Clam	0.003%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.112%	0.127%	0.000%	0.082%	0.322%	0.195%	0.060%
Atlantic Herring	0.104%	0.094%	0.093%	0.028%	0.108%	0.117%	0.013%	0.011%	0.066%	0.012%	0.062%	0.108%	0.003%	0.000%	0.058%
Smooth Dogfish	0.027%	0.023%	0.046%	0.037%	0.018%	0.008%	0.018%	0.014%	0.010%	0.018%	0.151%	0.112%	0.148%	0.038%	0.048%
Conger Eel	0.009%	0.000%	0.007%	0.000%	0.000%	0.021%	0.024%	0.003%	0.014%	0.002%	0.001%	0.029%	0.399%	0.006%	0.037%
Bluefish	0.008%	0.010%	0.008%	0.023%	0.018%	0.009%	0.009%	0.013%	0.010%	0.019%	0.142%	0.023%	0.153%	0.066%	0.037%
Sea Robin spp.	0.020%	0.014%	0.048%	0.026%	0.030%	0.010%	0.023%	0.019%	0.027%	0.016%	0.067%	0.071%	0.000%	0.115%	0.035%
Weakfish	0.030%	0.011%	0.008%	0.022%	0.009%	0.013%	0.026%	0.042%	0.049%	0.044%	0.061%	0.015%	0.033%	0.099%	0.033%
Thresher Shark	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.027%	0.000%	0.000%	0.012%	0.413%	0.000%	0.000%	0.000%	0.032%
Conch spp.	0.130%	0.005%	0.000%	0.000%	0.000%	0.187%	0.020%	0.003%	0.032%	0.000%	0.000%	0.000%	0.000%	0.000%	0.027%
Waved Whelk	0.000%	0.000%	0.000%	0.000%	0.000%	0.347%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.025%
King Whiting	0.012%	0.135%	0.109%	0.013%	0.002%	0.002%	0.002%	0.001%	0.001%	0.002%	0.006%	0.001%	0.004%	0.029%	0.023%
Northern Puffer	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.280%	0.000%	0.000%	0.020%

Source: NMFS 2022

Table I-54   Commercial Landings in the Lease Area as a Percentage of Landings in the Geographic Analysis Area for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Mackerel	0.628%	0.799%	1.768%	0.007%	1.809%	0.019%	0.002%	0.161%	0.016%	0.156%	0.852%	0.605%	0.389%	0.376%	0.542%
Atlantic Sea Scallop	0.820%	0.371%	0.449%	0.928%	0.566%	0.278%	0.589%	0.287%	0.214%	0.087%	0.028%	0.024%	0.083%	0.013%	0.338%

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Longfin Squid	0.030%	0.253%	0.122%	0.543%	0.594%	0.252%	0.696%	0.118%	0.009%	0.035%	0.124%	0.067%	0.168%	0.029%	0.217%
Chub Mackerel	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.002%	0.018%	0.000%	0.000%	0.000%	0.001%	0.232%	2.737%	0.214%
Tautog	0.074%	0.066%	0.047%	0.048%	0.029%	0.078%	0.043%	0.059%	0.166%	0.051%	0.017%	0.077%	0.091%	2.081%	0.209%
Black Sea Bass	0.026%	0.061%	0.033%	0.044%	0.049%	0.048%	0.062%	0.120%	0.090%	0.224%	0.503%	0.287%	0.332%	0.142%	0.144%
Northern Puffer	0.000%	0.000%	0.000%	0.000%	0.000%	0.090%	0.000%	0.000%	0.000%	0.000%	0.000%	1.792%	0.000%	0.000%	0.134%
Summer Flounder	0.141%	0.121%	0.205%	0.105%	0.121%	0.081%	0.135%	0.139%	0.097%	0.127%	0.175%	0.127%	0.128%	0.099%	0.129%
Scup	0.019%	0.023%	0.024%	0.017%	0.028%	0.026%	0.024%	0.051%	0.051%	0.067%	0.659%	0.217%	0.195%	0.204%	0.115%
Atlantic Herring	0.181%	0.181%	0.180%	0.063%	0.182%	0.097%	0.023%	0.021%	0.140%	0.022%	0.152%	0.247%	0.006%	0.000%	0.107%
Smooth Dogfish	0.120%	0.103%	0.130%	0.158%	0.065%	0.037%	0.039%	0.048%	0.023%	0.036%	0.239%	0.138%	0.253%	0.076%	0.105%
Atlantic Surf Clam	0.013%	0.028%	0.019%	0.005%	0.000%	0.000%	0.000%	0.017%	0.189%	0.202%	0.000%	0.093%	0.524%	0.331%	0.101%
Sea Robin spp.	0.035%	0.065%	0.205%	0.063%	0.063%	0.027%	0.053%	0.051%	0.043%	0.036%	0.165%	0.046%	0.051%	0.286%	0.085%
Monkfish	0.244%	0.135%	0.126%	0.106%	0.073%	0.038%	0.052%	0.094%	0.148%	0.044%	0.096%	0.014%	0.010%	0.005%	0.085%
Cobia	0.000%	0.000%	0.000%	0.404%	0.236%	0.000%	0.000%	0.000%	0.000%	0.000%	0.066%	0.000%	0.000%	0.078%	0.056%
Bluefish	0.017%	0.025%	0.014%	0.062%	0.052%	0.026%	0.022%	0.029%	0.019%	0.027%	0.156%	0.056%	0.157%	0.078%	0.053%
Conger Eel	0.018%	0.010%	0.012%	0.008%	0.011%	0.027%	0.062%	0.007%	0.022%	0.009%	0.012%	0.069%	0.357%	0.021%	0.046%
Thresher Shark	0.000%	0.000%	0.000%	0.006%	0.010%	0.012%	0.109%	0.000%	0.000%	0.012%	0.440%	0.000%	0.000%	0.000%	0.042%
Black Drum	0.000%	0.017%	0.009%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.513%	0.000%	0.038%
Weakfish	0.034%	0.014%	0.020%	0.024%	0.062%	0.023%	0.018%	0.026%	0.045%	0.034%	0.036%	0.041%	0.085%	0.075%	0.038%

Source: NMFS 2022

Table I-55   Commercial Revenue in the Lease Area as a Percentage of Revenue in the Geographic Analysis Area for the Top 20 Species, 2008–2021

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Atlantic Mackerel	0.624%	0.789%	1.515%	0.012%	1.724%	0.044%	0.004%	0.115%	0.016%	0.134%	0.763%	0.525%	0.343%	0.094%	0.479%
Atlantic Sea Scallop	0.763%	0.347%	0.432%	0.904%	0.568%	0.286%	0.572%	0.292%	0.211%	0.076%	0.028%	0.025%	0.081%	0.013%	0.328%
Longfin Squid	0.029%	0.263%	0.140%	0.582%	0.563%	0.261%	0.713%	0.124%	0.009%	0.037%	0.133%	0.070%	0.157%	0.032%	0.222%
Tautog	0.061%	0.068%	0.048%	0.044%	0.033%	0.080%	0.039%	0.074%	0.158%	0.048%	0.027%	0.072%	0.094%	2.070%	0.208%
Chub Mackerel	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.002%	0.086%	0.000%	0.000%	0.000%	0.001%	0.134%	2.522%	0.196%
Black Sea Bass	0.036%	0.056%	0.036%	0.047%	0.054%	0.054%	0.066%	0.142%	0.099%	0.165%	0.725%	0.350%	0.325%	0.198%	0.168%
Summer Flounder	0.151%	0.123%	0.266%	0.127%	0.133%	0.086%	0.138%	0.146%	0.118%	0.127%	0.190%	0.119%	0.132%	0.128%	0.142%
Scup	0.018%	0.021%	0.028%	0.018%	0.021%	0.029%	0.033%	0.051%	0.067%	0.071%	0.611%	0.344%	0.220%	0.324%	0.132%
Northern Puffer	0.000%	0.000%	0.000%	0.000%	0.000%	0.109%	0.000%	0.000%	0.000%	0.000%	0.000%	1.683%	0.000%	0.000%	0.128%
Atlantic Surf Clam	0.013%	0.017%	0.018%	0.005%	0.000%	0.000%	0.000%	0.015%	0.172%	0.185%	0.000%	0.104%	0.523%	0.301%	0.097%
Sea Robin spp.	0.041%	0.056%	0.156%	0.105%	0.060%	0.010%	0.057%	0.045%	0.041%	0.048%	0.150%	0.089%	0.101%	0.307%	0.090%
Atlantic Herring	0.136%	0.137%	0.146%	0.050%	0.138%	0.146%	0.017%	0.018%	0.076%	0.016%	0.107%	0.158%	0.004%	0.000%	0.082%
Smooth Dogfish	0.052%	0.073%	0.121%	0.122%	0.053%	0.030%	0.038%	0.037%	0.026%	0.037%	0.185%	0.130%	0.172%	0.060%	0.081%
Monkfish	0.248%	0.114%	0.126%	0.099%	0.080%	0.039%	0.056%	0.085%	0.124%	0.036%	0.078%	0.014%	0.010%	0.004%	0.080%
Cobia	0.000%	0.000%	0.000%	0.535%	0.292%	0.000%	0.000%	0.000%	0.000%	0.000%	0.038%	0.000%	0.000%	0.108%	0.070%
American Eel	0.000%	0.000%	0.061%	0.009%	0.018%	0.000%	0.002%	0.000%	0.000%	0.228%	0.002%	0.118%	0.303%	0.148%	0.063%
Bluefish	0.025%	0.029%	0.020%	0.066%	0.047%	0.022%	0.024%	0.024%	0.018%	0.026%	0.162%	0.037%	0.190%	0.086%	0.055%
Conger Eel	0.024%	0.009%	0.010%	0.009%	0.011%	0.029%	0.035%	0.008%	0.019%	0.008%	0.013%	0.064%	0.459%	0.021%	0.051%

Species	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Thresher Shark	0.000%	0.000%	0.000%	0.004%	0.011%	0.013%	0.146%	0.000%	0.000%	0.018%	0.452%	0.000%	0.000%	0.000%	0.046%
Weakfish	0.046%	0.016%	0.021%	0.023%	0.060%	0.022%	0.018%	0.028%	0.048%	0.033%	0.044%	0.034%	0.092%	0.070%	0.040%

Source: NMFS 2022

Table I-56   Annual Commercial Landings (pounds) in the EW 1 WEA by Fishing Gear, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Trawl-Bottom	63,245	83,852	55,905	117,641	212,343	87,458	151,325	32,669	12,050	17,284	69,214	32,162	32,685	26,717	71,039
Trawl-Midwater	163,337	176,684	249,382	51,256	87,677	14,094	0	9,289	16,967	14,615	107,039	39,651	18,972	7,165	68,295
Dredge-Scallop	62,971	49,552	80,476	112,214	42,736	23,727	26,288	14,944	11,669	8,700	2,646	2,131	6,578	961	31,828
Dredge-Clam	5,221	5,018	15,531	8,858	5,163	34,326	13,179	8,189	38,701	73,771	0	10,189	67,338	37,480	23,069
Other Gear	30,677	36,810	19,371	150	7,199	254	12,192	8,398	11,895	870	25,559	1,208	280	2,952	11,273
Pots	876	1,428	591	1,020	775	2,854	1,011	1,369	838	499	543	930	700	1,493	1,066
Gillnet-Sink	2,099	2,444	1,431	1,935	1,007	208	592	710	782	280	353	149	0	0	856
All Gear	**328,426**	**355,788**	**422,687**	**293,074**	**356,900**	**162,921**	**204,587**	**75,568**	**92,902**	**116,019**	**205,354**	**86,420**	**126,553**	**76,768**	**207,426**

Source: NMFS 2022

Table I-57   Annual Commercial Revenue (2021 dollars) in the EW 1 WEA by Fishing Gear, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Dredge-Scallop	$540,776	$393,139	$777,064	$1,321,637	$494,625	$319,329	$366,117	$210,255	$151,755	$77,985	$25,012	$21,384	$66,690	$13,993	$341,411
Trawl-Bottom	$293,791	$162,500	$104,521	$196,272	$247,115	$99,583	$196,171	$52,194	$34,300	$28,546	$68,685	$44,593	$39,715	$35,852	$114,560
Dredge-Clam	$6,249	$4,692	$13,400	$7,245	$5,984	$32,346	$10,005	$8,403	$33,859	$73,796	$0	$9,484	$49,272	$29,514	$20,303
Trawl-Midwater	$19,075	$22,132	$33,430	$5,790	$15,319	$2,021	$0	$1,333	$2,246	$2,917	$19,726	$9,093	$4,331	$1,494	$9,922
Other Gear	$15,836	$8,382	$5,277	$506	$2,969	$2,130	$23,504	$3,487	$2,736	$2,339	$21,151	$2,183	$1,449	$9,829	$7,270
Pots	$4,727	$3,602	$2,572	$5,192	$3,232	$7,379	$4,794	$5,363	$3,197	$2,171	$1,975	$3,025	$2,450	$7,864	$4,110
Gillnet-Sink	$3,551	$3,734	$2,069	$3,869	$2,170	$311	$968	$934	$1,040	$338	$368	$165	$0	$0	$1,394
All Gear	**$884,006**	**$598,180**	**$938,334**	**$1,540,511**	**$771,414**	**$463,100**	**$601,558**	**$281,968**	**$229,134**	**$188,092**	**$136,917**	**$89,927**	**$163,908**	**$98,546**	**$498,971**

Source: NMFS 2022

Table I-58   Annual Commercial Landings (pounds) in the EW 2 WEA by Fishing Gear, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Trawl-Midwater	374,048	454,985	322,039	46,713	385,026	48,861	0	19,141	133,577	31,736	165,381	92,154	50,910	28,394	153,783
Dredge-Scallop	224,274	130,227	173,555	425,160	270,163	88,979	144,382	86,694	70,724	35,796	13,366	12,187	32,804	4,627	122,353
Trawl-Bottom	170,426	86,611	61,322	65,439	88,966	137,757	74,962	38,831	17,681	23,545	128,920	50,112	59,693	47,464	75,124
Dredge-Clam	15,702	33,872	6,061	39,665	4,873	6,265	10,122	10,270	86,428	112,269	35,858	39,227	110,836	98,212	43,547
Other Gear	26,484	94,141	31,766	268	21,157	291	48,581	14,148	68,574	795	1,536	1,212	1,147	1,700	22,271
Gillnet-Sink	11,343	8,705	7,517	8,160	3,867	1,480	1,775	7,933	0	4,423	12,752	797	0	231	4,927
Pots	597	719	265	479	540	10,431	1,877	1,967	656	510	506	1,239	829	2,651	1,662
All Gear	**822,874**	**809,260**	**602,525**	**585,884**	**774,592**	**294,064**	**281,699**	**178,984**	**377,640**	**209,074**	**358,319**	**196,928**	**256,219**	**183,279**	**423,667**

Source: NMFS 2022

Table I-59   Annual Commercial Revenue (2021 dollars) in the EW 2 WEA by Fishing Gear, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Dredge-Scallop	$1,913,494	$1,024,989	$1,616,347	$4,997,780	$3,171,860	$1,205,849	$2,030,473	$1,213,703	$934,861	$343,815	$130,879	$126,875	$335,251	$71,069	$1,365,517
Trawl-Bottom	$960,997	$199,455	$72,252	$141,152	$191,475	$93,268	$249,015	$77,915	$80,516	$39,282	$177,902	$85,583	$80,573	$59,304	$179,192
Dredge-Clam	$19,621	$24,176	$5,366	$23,830	$3,195	$5,472	$10,196	$8,904	$83,049	$115,326	$31,953	$42,674	$116,889	$83,973	$41,044
Trawl-Midwater	$46,433	$61,976	$40,930	$5,595	$69,457	$6,981	$0	$2,772	$17,219	$6,487	$29,248	$20,381	$12,199	$5,820	$23,250
Other Gear	$44,290	$17,129	$8,206	$656	$20,664	$660	$168,558	$12,820	$29,980	$1,596	$4,094	$3,234	$4,645	$3,389	$22,851
Gillnet-Sink	$18,862	$13,846	$13,379	$19,257	$8,402	$2,191	$2,883	$11,614	$0	$5,572	$12,451	$877	$0	$526	$7,847
Pots	$2,503	$3,140	$1,154	$2,775	$2,644	$15,418	$9,141	$7,095	$2,877	$1,993	$1,599	$3,066	$3,016	$13,407	$4,988
All Gear	**$3,006,199**	**$1,344,712**	**$1,757,635**	**$5,191,044**	**$3,467,697**	**$1,329,838**	**$2,470,265**	**$1,334,823**	**$1,148,501**	**$514,072**	**$388,127**	**$282,689**	**$552,573**	**$237,488**	**$1,644,690**

Source: NMFS 2022

Table I-60   Annual Commercial Landings (pounds) in the Lease Area by Fishing Gear, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Trawl-Midwater	537,385	631,669	571,421	97,969	472,703	62,956	0	28,430	150,544	46,352	272,419	131,804	69,882	35,559	222,078
Dredge-Scallop	287,246	179,780	254,032	537,375	312,899	112,828	170,670	101,637	82,392	44,605	16,012	14,318	39,382	5,589	154,198
Trawl-Bottom	233,671	170,463	117,227	183,279	301,338	225,215	226,287	71,500	29,781	40,942	198,134	82,900	92,404	74,181	146,237
Dredge-Clam	20,923	38,889	21,592	48,522	10,036	40,591	23,300	18,459	125,129	186,039	59,641	49,416	178,174	135,691	68,314
Other Gear	57,161	130,931	51,137	181	28,329	424	60,757	22,545	66,292	1,442	3,312	1,794	935	4,252	30,678
Gillnet-Sink	13,442	11,148	8,948	10,095	4,875	1,688	2,367	8,644	14,908	4,703	13,105	946	466	633	6,855
Pots	1,473	2,167	855	1,536	1,315	13,284	2,905	3,336	1,495	1,009	1,050	2,169	1,529	4,144	2,733
All Gear	**1,151,301**	**1,165,047**	**1,025,212**	**878,957**	**1,131,495**	**456,986**	**486,286**	**254,551**	**470,541**	**325,092**	**563,673**	**283,347**	**382,772**	**260,049**	**631,094**

Source: NMFS 2022

Table I-61   Annual Commercial Revenue (2021 dollars) in the Lease Area by Fishing Gear, 2008–2021

Gear	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Dredge-Scallop	$2,454,270	$1,418,130	$2,393,411	$6,319,417	$3,666,486	$1,526,890	$2,396,589	$1,423,957	$1,086,614	$422,893	$155,889	$148,259	$401,941	$85,061	$1,707,129
Trawl-Bottom	$1,254,788	$361,958	$176,773	$337,790	$438,702	$192,851	$445,185	$130,110	$114,888	$67,956	$246,587	$131,272	$120,340	$95,156	$293,883
Dredge-Clam	$25,870	$28,869	$18,767	$31,075	$9,179	$37,818	$20,201	$17,307	$116,908	$189,121	$49,544	$52,157	$166,161	$113,487	$62,604
Trawl-Midwater	$65,507	$84,107	$74,360	$11,384	$84,777	$9,002	$0	$4,106	$19,465	$9,404	$48,973	$29,474	$16,530	$7,314	$33,172
Other Gear	$60,127	$25,468	$13,483	$640	$23,522	$1,079	$191,995	$16,307	$10,097	$2,716	$7,656	$4,322	$5,550	$12,372	$26,810
Gillnet-Sink	$22,413	$17,580	$15,449	$23,126	$10,570	$2,502	$3,851	$12,547	$23,589	$5,909	$12,819	$1,042	$492	$1,372	$10,947
Pots	$7,230	$6,787	$3,726	$8,121	$5,876	$22,798	$14,002	$12,457	$6,074	$4,164	$3,575	$6,091	$5,467	$21,270	$9,117
All Gear	**$3,890,206**	**$1,942,898**	**$2,695,970**	**$6,731,553**	**$4,239,112**	**$1,792,940**	**$3,071,821**	**$1,616,791**	**$1,377,634**	**$702,164**	**$525,044**	**$372,616**	**$716,482**	**$336,032**	**$2,143,662**

Source: NMFS 2022

Table I-62   Annual Commercial Landings (pounds) in the EW 1 WEA for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Bedford, MA	117,982	74,500	119,720	95,378	92,473	17,075	21,086	5,011	15,660	9,684	30,745	13,350	11,522	4,381	44,898
Cape May, NJ	51,876	100,950	117,584	37,103	59,921	15,450	19,182	19,172	12,864	10,460	67,173	16,363	11,304	6,375	38,984
Point Judith, RI	29	19,766	2,377	28,335	45,268	25,126	101,369	7,266	670	865	16,150	4,647	10,244	3,394	18,965
Point Pleasant, NJ	16,618	23,493	36,110	31,706	18,134	8,418	14,410	10,531	13,470	5,208	15,562	9,934	34,645	13,359	17,971
Atlantic City, NJ	1,977	2,059	464	0	1,495	10,072	623	7,473	23,390	48,333	0	3,000	42,439	19,130	11,461
Montauk, NY	469	12,731	2,618	33,541	17,785	4,172	8,780	4,452	0	698	3,466	670	708	1,091	6,513
Point Lookout, NY	14,418	9,481	6,994	12,682	20,344	8,582	5,946	0	0	0	0	0	0	0	5,603
Belford, NJ	0	8,125	9,655	15,575	0	6,660	7,555	0	6,792	0	6,355	0	7,155	6,983	5,347
Newport News, VA	9,767	6,107	16,245	14,452	7,133	1,763	2,620	348	393	728	315	257	285	290	4,336
Freeport, NY	13,951	4,743	2,865	3,361	1,318	537	322	411	372	294	118	179	351	4,436	2,376
Barnegat, NJ	271	2,688	5,326	4,538	3,644	3,569	2,364	4,598	1,752	1,680	709	0	0	1,575	2,337
North Kingstown, RI	0	0	16,812	769	0	0	0	0	0	0	0	0	0	0	1,256
New London, CT	4,983	1,984	550	1,304	3,094	0	0	0	0	0	0	0	0	0	851
Shinnecock, NY	927	1,255	250	1,154	58	7,385	286	198	0	0	0	53	0	0	826
Stonington, CT	2,604	685	1,225	0	0	0	0	508	78	0	0	2,788	1,793	0	692
Fall River, MA	0	0	8,047	0	0	0	0	0	0	0	0	0	0	0	575
Long Beach, NY	7,081	0	0	0	0	0	0	0	0	0	0	0	0	0	506
Hampton, VA	0	0	0	0	677	0	0	686	941	926	0	481	664	515	349
Newport, RI	0	2,797	0	0	0	0	0	0	0	0	0	0	0	0	200
Hampton Bay, NY	0	0	0	416	0	0	50	0	0	284	941	657	0	0	168
All Ports[1]	**328,428**	**355,791**	**422,685**	**293,075**	**356,907**	**162,920**	**204,591**	**75,567**	**92,898**	**116,017**	**205,353**	**86,420**	**126,556**	**76,763**	**207,427**

Source: NMFS 2022
[1] Includes 34 ports that reported landings in the EW 1 WEA
State Abbreviations: CT = Connecticut, MA = Massachusetts, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-63   Annual Commercial Revenue (2021 dollars) in the EW 1 WEA for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Bedford, MA	$282,552	$219,416	$308,234	$555,870	$208,281	$86,378	$172,672	$38,658	$52,354	$52,727	$17,142	$10,760	$43,594	$4,833	$146,676
Point Pleasant, NJ	$88,016	$103,992	$169,531	$223,094	$94,224	$54,081	$58,575	$71,736	$52,278	$17,243	$28,224	$23,389	$37,290	$21,041	$74,480
Cape May, NJ	$62,156	$45,930	$163,389	$303,403	$148,758	$120,166	$80,963	$32,411	$30,377	$5,072	$17,035	$5,715	$7,359	$5,225	$73,426
Newport News, VA	$84,278	$43,517	$160,525	$164,701	$75,103	$18,550	$36,025	$3,333	$4,653	$6,053	$2,603	$1,032	$502	$1,831	$43,050
Point Judith, RI	$38	$22,857	$3,937	$44,313	$58,388	$34,201	$138,815	$10,840	$3,390	$2,261	$18,263	$5,909	$13,069	$4,357	$25,760
Barnegat, NJ	$591	$10,199	$31,095	$28,894	$32,966	$26,402	$25,369	$54,716	$14,315	$9,226	$3,158	$0	$0	$8,128	$17,504
Point Lookout, NY	$86,870	$50,739	$13,851	$31,838	$27,764	$15,320	$12,158	$0	$0	$0	$0	$0	$0	$0	$17,039
Atlantic City, NJ	$3,461	$6,032	$440	$0	$1,622	$11,725	$324	$7,901	$21,862	$53,869	$0	$3,146	$30,754	$15,274	$11,172
Montauk, NY	$668	$16,994	$4,249	$53,227	$26,254	$5,628	$10,431	$6,562	$0	$1,155	$6,010	$1,045	$1,149	$1,646	$9,644
Freeport, NY	$85,278	$13,900	$7,116	$6,427	$3,154	$2,202	$1,253	$1,882	$1,429	$1,286	$562	$756	$1,241	$3,092	$9,256
Belford, NJ	$0	$10,673	$16,474	$20,307	$0	$7,227	$9,236	$0	$9,747	$0	$6,212	$0	$5,582	$6,869	$6,595
New London, CT	$41,862	$14,598	$4,817	$14,608	$4,096	$0	$0	$0	$0	$0	$0	$0	$0	$0	$5,713
Stonington, CT	$22,211	$5,212	$6,766	$0	$0	$0	$0	$6,071	$932	$0	$0	$4,591	$2,775	$0	$3,468
Long Beach, NY	$47,924	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,423

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Hampton, VA	$0	$0	$0	$0	$4,540	$0	$0	$1,673	$8,994	$2,474	$0	$1,633	$4,077	$2,324	$1,837
Shinnecock, NY	$2,800	$1,620	$538	$2,055	$119	$10,011	$302	$346	$0	$0	$0	$84	$0	$0	$1,277
North Kingstown, RI	$0	$0	$9,677	$1,295	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$784
Islip, NY	$10,367	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$740
Beaufort, NC	$0	$0	$0	$0	$88	$0	$636	$409	$324	$1,238	$1,236	$837	$426	$920	$437
Hampton Bay, NY	$0	$0	$0	$513	$0	$0	$0	$172	$0	$0	$479	$1,690	$1,176	$0	$288
All Ports[1]	**$884,008**	**$598,179**	**$938,335**	**$1,540,507**	**$771,410**	**$463,101**	**$601,557**	**$281,965**	**$229,128**	**$188,088**	**$136,916**	**$89,922**	**$163,907**	**$98,537**	**$498,969**

Source: NMFS 2022
[1] Includes 34 ports that reported landings in the EW 1 WEA
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-64   Annul Commercial Landings (pounds) in the EW 2 WEA for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Bedford, MA	204,740	187,412	292,807	271,276	420,177	48,514	72,545	17,490	85,776	40,250	44,546	32,396	43,923	15,347	126,943
Cape May, NJ	65,710	290,149	61,899	119,720	130,449	38,277	42,937	49,892	57,694	22,580	100,818	48,178	25,924	27,733	77,283
Point Pleasant, NJ	56,900	42,008	26,103	39,397	67,140	33,330	32,943	37,322	28,823	19,395	80,537	39,244	115,292	83,951	50,170
Newport News, VA	24,415	20,970	16,803	53,895	40,818	4,635	18,555	1,137	1,139	6,737	1,232	742	921	708	13,765
Barnegat, NJ	3,490	9,602	15,053	14,418	27,261	24,531	11,417	17,820	22,707	6,525	6,394	0	5,069	1,714	11,857
Point Judith, RI	123	7,142	3,207	12,442	13,401	9,562	53,090	12,141	2,902	1,825	15,297	7,613	14,008	5,827	11,327
Atlantic City, NJ	1,534	1,009	1,581	2,468	362	2,747	8,422	4,642	37,575	43,664	9,090	7,901	28,517	4,081	10,971
Point Lookout, NY	57,338	16,067	3,559	8,558	5,652	3,135	10,334	0	0	0	0	0	0	0	7,475
New London, CT	37,050	11,771	3,121	11,389	779	471	0	255	209	0	0	0	0	0	4,646
Montauk, NY	797	3,401	3,581	12,304	8,755	1,268	5,942	4,207	579	1,237	6,094	2,385	1,959	10,613	4,509
North Kingstown, RI	8,822	0	48,821	1,727	0	0	0	0	0	0	0	0	0	0	4,241
Stonington, CT	18,891	2,013	9,669	682	3,846	0	0	7,108	435	510	0	3,526	2,940	147	3,555
Freeport, NY	38,238	3,898	856	1,039	299	41	0	17	0	0	0	0	0	2,384	3,341
Long Beach, NY	35,478	0	0	0	0	0	0	0	0	0	0	0	0	0	2,534
Belford, NJ	0	2,800	2,574	5,102	0	1,200	2,337	0	3,950	0	3,917	0	890	1,005	1,698
Newport, RI	0	3,326	0	10,375	0	2,042	0	0	0	0	0	0	0	0	1,125
Fall River, MA	0	0	15,675	0	0	0	0	0	0	0	0	0	0	0	1,120
Hampton, VA	0	0	0	0	1,915	0	278	2,419	2,363	2,054	206	1,020	2,170	1,249	977
Islip, NY	10,572	0	0	0	0	0	0	0	0	0	0	0	0	0	755
Hampton Bay, NY	0	0	0	112	0	52	18	0	62	280	8,805	290	331	205	725
All Ports[1]	**822,873**	**809,256**	**602,525**	**585,886**	**774,592**	**294,067**	**281,698**	**178,982**	**377,640**	**209,076**	**358,321**	**196,926**	**256,218**	**183,282**	**423,667**

Source: NMFS 2022
[1] Includes 32 ports that reported landings in the EW 2 WEA
State Abbreviations: CT = Connecticut, MA = Massachusetts, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-65 Annual Commercial Revenue (2021 dollars) in the EW 2 WEA for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Bedford, MA	$822,339	$494,937	$861,238	$2,441,911	$1,141,754	$228,465	$729,580	$162,664	$360,583	$154,036	$57,002	$41,013	$200,995	$21,952	$551,319
Point Pleasant, NJ	$319,775	$222,859	$163,928	$295,365	$703,494	$337,679	$364,464	$431,687	$326,565	$91,889	$159,966	$120,112	$179,750	$109,243	$273,341
Cape May, NJ	$87,585	$145,955	$280,554	$1,303,048	$605,831	$294,088	$286,678	$288,377	$79,465	$25,288	$32,738	$19,629	$24,919	$16,677	$249,345
Newport News, VA	$207,304	$152,679	$163,772	$597,202	$451,294	$50,878	$263,236	$10,408	$13,134	$62,972	$10,993	$3,568	$2,308	$6,425	$142,584
Barnegat, NJ	$6,380	$33,785	$92,432	$103,217	$289,445	$222,147	$139,450	$160,099	$138,290	$30,600	$24,740	$0	$46,197	$19,186	$93,284
Point Lookout, NY	$382,736	$82,400	$7,507	$47,766	$22,757	$13,904	$110,980	$0	$0	$0	$0	$0	$0	$0	$47,718
New London, CT	$309,904	$85,007	$25,693	$133,963	$2,612	$5,449	$0	$2,635	$1,462	$0	$0	$0	$0	$0	$40,480
Point Judith, RI	$166	$8,091	$6,726	$23,485	$18,329	$19,281	$312,550	$18,801	$14,431	$9,410	$15,369	$9,186	$20,529	$9,991	$34,739
Stonington, CT	$165,017	$15,061	$65,192	$5,462	$39,527	$0	$0	$88,586	$5,207	$4,891	$0	$5,698	$5,884	$589	$28,651
Freeport, NY	$245,709	$17,501	$2,241	$1,638	$611	$150	$0	$83	$0	$0	$0	$0	$0	$1,272	$19,229
Long Beach, NY	$241,660	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$17,261
Atlantic City, NJ	$2,323	$4,035	$1,295	$2,508	$549	$2,846	$8,995	$4,967	$42,186	$48,397	$9,766	$8,168	$28,096	$3,165	$11,950
Montauk, NY	$1,128	$5,440	$8,215	$22,087	$16,576	$1,658	$7,350	$7,394	$821	$1,912	$8,981	$3,517	$2,826	$14,117	$7,287
Islip, NY	$74,553	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$5,325
Hampton, VA	$0	$0	$0	$0	$13,246	$0	$506	$6,183	$21,520	$5,552	$465	$3,606	$15,775	$6,673	$5,252
Belford, NJ	$0	$4,196	$6,516	$10,892	$0	$1,988	$3,599	$0	$8,574	$0	$4,305	$0	$974	$1,513	$3,040
North Kingstown, RI	$4,058	$0	$28,063	$5,640	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,697
Newport, RI	$0	$2,058	$0	$5,940	$0	$29,306	$0	$0	$0	$0	$0	$0	$0	$0	$2,665
Shinnecock, NY	$7,227	$2,142	$1,620	$6,270	$1,567	$1,312	$456	$478	$140	$45	$168	$44	$23	$412	$1,565
Beaufort, NC	$281	$0	$0	$0	$330	$0	$4,285	$1,456	$1,654	$2,888	$1,577	$1,718	$1,056	$2,560	$1,272
All Ports[1]	$3,006,201	$1,344,712	$1,757,633	$5,191,050	$3,467,694	$1,329,834	$2,470,263	$1,334,824	$1,148,500	$514,073	$388,124	$282,692	$552,572	$237,490	$1,644,690

Source: NMFS 2022
[1] Includes 32 ports that reported landings in the EW 2 WEA
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-66 Annual Commercial Landings (pounds) in the Lease Area for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Bedford, MA	322,721	261,912	412,528	366,654	512,650	65,589	93,631	22,501	101,436	49,933	75,291	45,746	55,445	19,727	171,840
Cape May, NJ	117,586	391,099	179,484	156,824	190,369	53,726	62,119	69,064	70,558	33,041	167,991	64,541	37,228	34,108	116,267
Point Pleasant, NJ	73,518	65,501	62,213	71,103	85,274	41,748	47,353	47,854	42,293	24,603	96,099	49,178	149,938	97,311	68,142
Point Judith, RI	153	26,908	5,584	40,776	58,669	34,688	154,460	19,407	3,572	2,690	31,447	12,260	24,252	9,221	30,292
Atlantic City, NJ	3,511	3,067	2,045	2,622	1,856	12,820	9,045	12,115	60,965	91,997	11,251	10,901	70,956	23,211	22,597
Newport News, VA	34,182	27,076	33,048	68,347	47,951	6,397	21,176	1,485	1,532	7,465	1,547	999	1,206	998	18,101
Barnegat, NJ	3,761	12,290	20,379	18,956	30,905	28,099	13,781	22,418	24,460	8,205	7,103	0	6,153	3,290	14,271
Point Lookout, NY	71,756	25,548	10,553	21,241	25,995	11,717	16,280	0	0	0	0	0	0	0	13,078
Montauk, NY	1,265	16,132	6,199	45,846	26,539	5,440	14,722	8,659	709	1,934	9,559	3,055	2,668	11,704	11,031
Belford, NJ	0	10,925	12,229	20,677	0	7,860	9,892	0	10,742	0	10,272	0	8,044	7,988	7,045
North Kingstown, RI	13,264	0	65,634	2,496	0	0	0	0	0	0	0	0	0	0	5,814
Freeport, NY	52,190	8,641	3,720	4,400	1,617	578	336	428	379	302	120	182	361	6,820	5,720
New London, CT	42,033	13,755	3,671	12,693	3,873	489	0	326	209	0	0	0	0	0	5,504
Stonington, CT	21,496	2,698	10,894	1,295	4,819	0	0	7,616	513	602	0	6,314	4,732	149	4,366

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Long Beach, NY	42,559	0	0	0	0	0	0	0	0	0	0	0	0	0	3,040
Fall River, MA	0	0	23,723	0	0	0	0	0	0	0	0	0	0	0	1,695
Newport, RI	0	6,124	0	11,982	0	3,404	0	0	0	0	0	0	0	0	1,536
Hampton, VA	0	0	0	0	2,592	0	420	3,105	3,304	2,980	308	1,501	2,834	1,764	1,343
Shinnecock, NY	2,180	2,299	788	2,907	336	8,402	668	411	55	45	134	66	37	211	1,324
Hampton Bay, NY	0	0	97	528	0	53	68	0	67	564	9,746	947	560	257	921
All Ports[1]	**1,151,299**	**1,165,046**	**1,025,215**	**878,959**	**1,131,494**	**456,984**	**486,290**	**254,549**	**470,542**	**325,092**	**563,676**	**283,345**	**382,772**	**260,046**	**631,094**

Source: NMFS 2022
[1] Includes 36 ports that reported landings in the Lease Area
State Abbreviations: CT = Connecticut, MA = Massachusetts, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-67   Annual Commercial Revenue (2021 dollars) in the Lease Area for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Bedford, MA	$1,104,891	$714,353	$1,169,472	$2,997,781	$1,350,034	$314,844	$902,252	$201,322	$412,938	$206,763	$74,145	$51,774	$244,588	$26,785	$697,996
Point Pleasant, NJ	$407,791	$326,851	$333,459	$518,459	$797,718	$391,759	$423,039	$503,423	$378,843	$109,131	$188,190	$143,501	$217,040	$130,284	$347,821
Cape May, NJ	$149,740	$191,885	$443,942	$1,606,451	$754,589	$414,254	$367,640	$320,789	$109,842	$30,361	$49,773	$25,344	$32,277	$21,902	$322,771
Newport News, VA	$291,581	$196,195	$324,297	$761,902	$526,397	$69,428	$299,261	$13,741	$17,787	$69,025	$13,597	$4,600	$2,810	$8,255	$185,634
Barnegat, NJ	$6,970	$43,984	$123,527	$132,110	$322,411	$248,550	$164,819	$214,816	$152,605	$39,826	$27,898	$0	$54,875	$27,314	$111,408
Point Lookout, NY	$469,606	$133,139	$21,358	$79,603	$50,521	$29,223	$123,137	$0	$0	$0	$0	$0	$0	$0	$64,756
Point Judith, RI	$204	$30,948	$10,663	$67,798	$76,718	$53,481	$451,365	$29,641	$17,820	$11,671	$33,633	$15,096	$33,599	$14,348	$60,499
New London, CT	$351,767	$99,605	$30,510	$148,571	$6,708	$5,605	$0	$2,999	$1,464	$0	$0	$0	$0	$0	$46,231
Stonington, CT	$187,228	$20,272	$71,958	$7,471	$43,790	$0	$0	$94,658	$6,139	$5,935	$0	$10,288	$8,659	$593	$32,642
Freeport, NY	$330,987	$31,401	$9,357	$8,064	$3,765	$2,351	$1,312	$1,965	$1,455	$1,321	$570	$766	$1,283	$4,364	$28,497
Atlantic City, NJ	$5,784	$10,067	$1,735	$2,803	$2,171	$14,571	$9,320	$12,870	$64,046	$102,267	$12,111	$11,314	$58,851	$18,439	$23,311
Long Beach, NY	$289,584	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$20,685
Montauk, NY	$1,796	$22,435	$12,464	$75,314	$42,829	$7,286	$17,782	$13,957	$1,008	$3,068	$14,991	$4,563	$3,977	$15,763	$16,945
Belford, NJ	$0	$14,869	$22,989	$31,199	$0	$9,215	$12,836	$0	$18,321	$0	$10,516	$0	$6,556	$8,382	$9,634
Hampton, VA	$0	$0	$0	$0	$17,786	$0	$747	$7,857	$30,514	$8,026	$665	$5,239	$19,852	$8,996	$7,120
Islip, NY	$84,921	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,066
Newport, RI	$0	$2,911	$0	$7,049	$0	$49,228	$0	$0	$0	$0	$0	$0	$0	$0	$4,228
North Kingstown, RI	$6,065	$0	$37,740	$6,934	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,624
Shinnecock, NY	$10,027	$3,762	$2,158	$8,323	$1,686	$11,323	$759	$824	$163	$64	$257	$128	$82	$412	$2,855
Beaufort, NC	$350	$0	$0	$0	$418	$0	$4,922	$1,865	$1,978	$4,126	$2,813	$2,555	$1,482	$3,480	$1,713
All Ports[1]	**$3,890,205**	**$1,942,892**	**$2,695,966**	**$6,731,551**	**$4,239,109**	**$1,792,936**	**$3,071,822**	**$1,616,789**	**$1,377,632**	**$702,164**	**$525,042**	**$372,619**	**$716,481**	**$336,031**	**$2,143,660**

Source: NMFS 2022
[1] Includes 36 ports that reported landings in the Lease Area
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-68   Annual Commercial Landings in the EW 1 WEA as a Percentage of Landings in the Geographic Analysis Area for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Freeport, NY	3.017%	0.945%	0.747%	0.751%	0.781%	0.740%	0.403%	0.508%	0.352%	0.461%	0.216%	0.309%	0.408%	0.919%	0.754%
Point Lookout, NY	1.256%	0.860%	0.492%	0.741%	1.422%	0.451%	1.328%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.468%
Belford, NJ	0.000%	0.156%	0.132%	0.151%	0.000%	0.093%	0.117%	0.000%	0.184%	0.000%	0.129%	0.000%	0.264%	0.249%	0.105%
Point Pleasant, NJ	0.081%	0.125%	0.161%	0.158%	0.095%	0.053%	0.101%	0.070%	0.081%	0.032%	0.091%	0.068%	0.231%	0.087%	0.102%
Newport News, VA	0.096%	0.076%	0.223%	0.190%	0.127%	0.041%	0.097%	0.011%	0.012%	0.036%	0.014%	0.009%	0.012%	0.017%	0.069%
Montauk; NY	0.005%	0.123%	0.021%	0.253%	0.124%	0.032%	0.075%	0.042%	0.000%	0.008%	0.035%	0.007%	0.008%	0.013%	0.053%
Atlantic City, NJ	0.006%	0.006%	0.002%	0.000%	0.005%	0.036%	0.002%	0.028%	0.095%	0.195%	0.000%	0.013%	0.241%	0.111%	0.053%
Cape May, NJ	0.056%	0.117%	0.167%	0.042%	0.066%	0.035%	0.039%	0.034%	0.023%	0.014%	0.076%	0.022%	0.017%	0.006%	0.051%
Belmar, NJ	0.000%	0.000%	0.000%	0.000%	0.629%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.045%
Barnegat, NJ	0.032%	0.039%	0.080%	0.063%	0.061%	0.050%	0.044%	0.097%	0.029%	0.027%	0.014%	0.000%	0.000%	0.065%	0.043%
Point Judith, RI	0.000%	0.050%	0.007%	0.081%	0.109%	0.052%	0.196%	0.018%	0.001%	0.002%	0.037%	0.011%	0.026%	0.008%	0.043%
New Bedford, MA	0.087%	0.048%	0.095%	0.080%	0.071%	0.014%	0.016%	0.004%	0.016%	0.010%	0.029%	0.012%	0.011%	0.004%	0.035%
New London, CT	0.208%	0.089%	0.024%	0.040%	0.066%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.030%
Islip, NY	0.401%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.029%
Shinnecock, NY	0.024%	0.032%	0.008%	0.032%	0.001%	0.255%	0.013%	0.013%	0.000%	0.000%	0.000%	0.004%	0.000%	0.000%	0.027%
Shark River, NJ	0.000%	0.000%	0.122%	0.096%	0.006%	0.000%	0.000%	0.000%	0.000%	0.000%	0.036%	0.000%	0.000%	0.000%	0.019%
Stonington, CT	0.017%	0.006%	0.016%	0.000%	0.000%	0.000%	0.000%	0.010%	0.001%	0.000%	0.000%	0.059%	0.039%	0.000%	0.011%
Fall River, MA	0.000%	0.000%	0.147%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.010%
Long Beach, NY	0.144%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.010%
Hampton Bay, NY	0.000%	0.000%	0.000%	0.029%	0.000%	0.000%	0.002%	0.000%	0.000%	0.014%	0.043%	0.030%	0.000%	0.000%	0.008%

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-69   Annual Commercial Revenue in the EW 1 WEA as a Percentage of Revenue in the Geographic Analysis Area for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Freeport, NY	3.865%	1.089%	1.039%	0.890%	0.902%	0.950%	0.615%	0.696%	0.507%	0.667%	0.541%	0.653%	0.769%	0.770%	0.997%
Point Lookout, NY	2.447%	1.371%	0.754%	0.840%	0.902%	0.335%	0.973%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.544%
Point Pleasant, NJ	0.295%	0.353%	0.545%	0.558%	0.244%	0.178%	0.195%	0.220%	0.136%	0.046%	0.086%	0.077%	0.118%	0.062%	0.222%
Belford, NJ	0.000%	0.323%	0.459%	0.508%	0.000%	0.223%	0.253%	0.000%	0.237%	0.000%	0.149%	0.000%	0.265%	0.297%	0.194%
Newport News, VA	0.163%	0.093%	0.289%	0.280%	0.201%	0.080%	0.183%	0.011%	0.016%	0.042%	0.015%	0.006%	0.003%	0.017%	0.100%
Belmar, NJ	0.000%	0.000%	0.000%	0.000%	1.209%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.086%
Cape May, NJ	0.066%	0.050%	0.154%	0.231%	0.157%	0.250%	0.111%	0.041%	0.031%	0.006%	0.022%	0.006%	0.008%	0.008%	0.081%
Islip, NY	1.054%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.075%
New London, CT	0.604%	0.184%	0.057%	0.120%	0.035%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.071%
Barnegat, NJ	0.016%	0.037%	0.099%	0.071%	0.097%	0.087%	0.095%	0.201%	0.051%	0.037%	0.013%	0.000%	0.000%	0.035%	0.060%
Atlantic City, NJ	0.010%	0.020%	0.002%	0.000%	0.006%	0.043%	0.001%	0.033%	0.097%	0.251%	0.000%	0.017%	0.226%	0.083%	0.056%
Point Judith, RI	0.000%	0.060%	0.011%	0.107%	0.135%	0.075%	0.257%	0.023%	0.006%	0.004%	0.029%	0.009%	0.030%	0.007%	0.054%
Montauk; NY	0.004%	0.095%	0.019%	0.213%	0.100%	0.025%	0.051%	0.037%	0.000%	0.007%	0.033%	0.006%	0.008%	0.010%	0.043%
New Bedford, MA	0.093%	0.071%	0.082%	0.122%	0.042%	0.019%	0.045%	0.010%	0.014%	0.012%	0.004%	0.002%	0.011%	0.001%	0.038%
Stonington, CT	0.180%	0.048%	0.054%	0.000%	0.000%	0.000%	0.000%	0.076%	0.009%	0.000%	0.000%	0.043%	0.025%	0.000%	0.031%
Shinnecock, NY	0.047%	0.028%	0.010%	0.036%	0.002%	0.227%	0.009%	0.013%	0.000%	0.000%	0.000%	0.004%	0.000%	0.000%	0.027%

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Shark River, NJ	0.000%	0.000%	0.122%	0.125%	0.007%	0.000%	0.000%	0.000%	0.000%	0.000%	0.042%	0.000%	0.000%	0.000%	0.021%
Long Beach, NY	0.203%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.014%
Hampton, VA	0.000%	0.000%	0.000%	0.000%	0.029%	0.000%	0.000%	0.011%	0.041%	0.012%	0.000%	0.012%	0.028%	0.022%	0.011%
Neptune, NJ	0.000%	0.000%	0.000%	0.000%	0.122%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.009%

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-70   Annual Commercial Landings in the EW 2 WEA as a Percentage of Landings in the Geographic Analysis Area for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Freeport, NY	8.270%	0.776%	0.223%	0.232%	0.177%	0.056%	0.000%	0.021%	0.000%	0.000%	0.000%	0.000%	0.000%	0.494%	0.732%
Point Lookout, NY	4.993%	1.457%	0.251%	0.500%	0.395%	0.165%	2.308%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.719%
Point Pleasant, NJ	0.276%	0.223%	0.116%	0.196%	0.353%	0.209%	0.232%	0.247%	0.172%	0.119%	0.471%	0.269%	0.770%	0.544%	0.300%
Belmar, NJ	0.000%	0.000%	0.000%	0.000%	3.609%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.258%
Newport News, VA	0.241%	0.262%	0.231%	0.710%	0.726%	0.107%	0.685%	0.035%	0.035%	0.331%	0.053%	0.027%	0.040%	0.043%	0.252%
Barnegat, NJ	0.418%	0.138%	0.227%	0.199%	0.455%	0.342%	0.211%	0.378%	0.380%	0.104%	0.128%	0.000%	0.108%	0.071%	0.226%
New London, CT	1.544%	0.526%	0.134%	0.347%	0.017%	0.011%	0.000%	0.004%	0.003%	0.000%	0.000%	0.000%	0.000%	0.000%	0.185%
Islip, NY	2.351%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.168%
New Bedford, MA	0.151%	0.121%	0.232%	0.228%	0.320%	0.039%	0.056%	0.015%	0.087%	0.040%	0.042%	0.030%	0.040%	0.015%	0.101%
Cape May, NJ	0.071%	0.338%	0.088%	0.134%	0.144%	0.087%	0.088%	0.089%	0.102%	0.030%	0.114%	0.066%	0.039%	0.024%	0.101%
Long Beach, NY	0.723%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.052%
Atlantic City, NJ	0.004%	0.003%	0.006%	0.008%	0.001%	0.010%	0.028%	0.017%	0.153%	0.176%	0.036%	0.034%	0.162%	0.024%	0.047%
Stonington, CT	0.126%	0.018%	0.130%	0.006%	0.057%	0.000%	0.000%	0.140%	0.006%	0.011%	0.000%	0.074%	0.064%	0.004%	0.045%
Montauk, NY	0.008%	0.033%	0.029%	0.093%	0.061%	0.010%	0.051%	0.040%	0.005%	0.014%	0.061%	0.024%	0.023%	0.126%	0.041%
Neptune, NJ	0.000%	0.000%	0.042%	0.000%	0.489%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.038%
Hampton Bay, NY	0.000%	0.000%	0.000%	0.008%	0.000%	0.004%	0.001%	0.000%	0.004%	0.014%	0.406%	0.013%	0.016%	0.009%	0.034%
Belford, NJ	0.000%	0.054%	0.035%	0.050%	0.000%	0.017%	0.036%	0.000%	0.107%	0.000%	0.080%	0.000%	0.033%	0.036%	0.032%
Point Judith, RI	0.000%	0.018%	0.010%	0.036%	0.032%	0.020%	0.103%	0.030%	0.006%	0.005%	0.035%	0.018%	0.036%	0.014%	0.026%
Hampton, VA	0.000%	0.000%	0.000%	0.000%	0.044%	0.000%	0.009%	0.066%	0.054%	0.039%	0.005%	0.019%	0.053%	0.036%	0.023%
Beaufort, NC	0.006%	0.000%	0.000%	0.000%	0.009%	0.000%	0.061%	0.025%	0.030%	0.042%	0.021%	0.031%	0.021%	0.061%	0.022%

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-71   Annual Commercial Revenue in the EW 2 WEA as a Percentage of Revenue in the Geographic Analysis Area for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Point Lookout, NY	10.779%	2.226%	0.409%	1.260%	0.740%	0.304%	8.882%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	1.757%
Freeport, NY	11.135%	1.371%	0.327%	0.227%	0.175%	0.065%	0.000%	0.031%	0.000%	0.000%	0.000%	0.000%	0.000%	0.317%	0.975%
Point Pleasant, NJ	1.073%	0.756%	0.527%	0.739%	1.824%	1.112%	1.216%	1.325%	0.852%	0.247%	0.488%	0.393%	0.571%	0.321%	0.817%
Belmar, NJ	0.000%	0.000%	0.000%	0.000%	8.423%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.602%
Islip, NY	7.581%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.541%
New London, CT	4.470%	1.073%	0.305%	1.103%	0.023%	0.081%	0.000%	0.032%	0.024%	0.000%	0.000%	0.000%	0.000%	0.000%	0.508%
Newport News, VA	0.401%	0.326%	0.295%	1.016%	1.209%	0.218%	1.339%	0.033%	0.044%	0.433%	0.062%	0.020%	0.015%	0.059%	0.391%

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Barnegat, NJ	0.168%	0.124%	0.293%	0.253%	0.850%	0.736%	0.522%	0.588%	0.494%	0.121%	0.099%	0.000%	0.209%	0.083%	0.324%
Cape May, NJ	0.093%	0.157%	0.265%	0.991%	0.640%	0.611%	0.392%	0.362%	0.080%	0.029%	0.042%	0.022%	0.028%	0.026%	0.267%
Stonington, CT	1.339%	0.140%	0.525%	0.043%	0.320%	0.000%	0.000%	1.114%	0.052%	0.045%	0.000%	0.054%	0.052%	0.005%	0.263%
New Bedford, MA	0.272%	0.160%	0.230%	0.534%	0.233%	0.051%	0.192%	0.044%	0.098%	0.036%	0.012%	0.009%	0.052%	0.004%	0.138%
Belford, NJ	0.000%	0.127%	0.182%	0.272%	0.000%	0.061%	0.099%	0.000%	0.209%	0.000%	0.103%	0.000%	0.046%	0.065%	0.083%
Long Beach, NY	1.023%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.073%
Point Judith, RI	0.000%	0.021%	0.019%	0.057%	0.042%	0.042%	0.042%	0.579%	0.040%	0.025%	0.016%	0.025%	0.014%	0.048%	0.067%
Atlantic City, NJ	0.007%	0.013%	0.006%	0.009%	0.002%	0.010%	0.034%	0.021%	0.186%	0.226%	0.047%	0.044%	0.206%	0.017%	0.059%
Neptune, NJ	0.000%	0.000%	0.048%	0.000%	0.774%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.059%
Montauk, NY	0.006%	0.030%	0.037%	0.088%	0.063%	0.007%	0.036%	0.042%	0.004%	0.012%	0.050%	0.020%	0.021%	0.089%	0.036%
Hampton, VA	0.000%	0.000%	0.000%	0.000%	0.083%	0.000%	0.008%	0.042%	0.098%	0.028%	0.004%	0.025%	0.108%	0.063%	0.033%
Shinnecock, NY	0.121%	0.037%	0.031%	0.111%	0.030%	0.030%	0.014%	0.018%	0.005%	0.002%	0.008%	0.002%	0.002%	0.014%	0.030%
Chincoteague, VA	0.000%	0.000%	0.000%	0.000%	0.019%	0.024%	0.092%	0.016%	0.000%	0.089%	0.044%	0.053%	0.000%	0.000%	0.024%

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-72   Annual Commercial Landings in the Lease Area as a Percentage of Landings in the Geographic Analysis Area for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Freeport, NY	11.287%	1.721%	0.969%	0.983%	0.958%	0.796%	0.421%	0.529%	0.358%	0.474%	0.219%	0.314%	0.420%	1.413%	1.490%
Point Lookout, NY	6.249%	2.316%	0.743%	1.241%	1.817%	0.615%	3.636%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	1.187%
Point Pleasant, NJ	0.356%	0.348%	0.278%	0.354%	0.449%	0.262%	0.333%	0.316%	0.253%	0.151%	0.562%	0.338%	1.002%	0.630%	0.402%
Newport News, VA	0.338%	0.338%	0.455%	0.901%	0.852%	0.148%	0.782%	0.045%	0.047%	0.367%	0.066%	0.037%	0.053%	0.060%	0.321%
Belmar, NJ	0.000%	0.000%	0.000%	0.000%	4.238%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.303%
Barnegat, NJ	0.451%	0.176%	0.307%	0.261%	0.516%	0.392%	0.255%	0.475%	0.410%	0.130%	0.143%	0.000%	0.131%	0.137%	0.270%
New London, CT	1.752%	0.614%	0.158%	0.387%	0.082%	0.011%	0.000%	0.005%	0.003%	0.000%	0.000%	0.000%	0.000%	0.000%	0.215%
Islip, NY	2.752%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.197%
Cape May, NJ	0.127%	0.455%	0.255%	0.176%	0.210%	0.122%	0.127%	0.123%	0.125%	0.044%	0.190%	0.088%	0.056%	0.030%	0.152%
Belford, NJ	0.000%	0.210%	0.167%	0.201%	0.000%	0.110%	0.153%	0.000%	0.291%	0.000%	0.209%	0.000%	0.297%	0.285%	0.137%
New Bedford, MA	0.239%	0.169%	0.327%	0.308%	0.391%	0.053%	0.072%	0.019%	0.103%	0.050%	0.070%	0.042%	0.051%	0.020%	0.137%
Atlantic City, NJ	0.010%	0.009%	0.008%	0.009%	0.007%	0.046%	0.030%	0.046%	0.248%	0.371%	0.045%	0.047%	0.403%	0.134%	0.101%
Montauk, NY	0.013%	0.155%	0.051%	0.346%	0.186%	0.042%	0.126%	0.082%	0.006%	0.022%	0.096%	0.031%	0.031%	0.138%	0.095%
Point Judith, RI	0.000%	0.069%	0.017%	0.117%	0.141%	0.071%	0.299%	0.047%	0.007%	0.007%	0.073%	0.028%	0.063%	0.023%	0.069%
Neptune, NJ	0.000%	0.000%	0.364%	0.000%	0.563%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.066%
Long Beach, NY	0.868%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.062%
Stonington, CT	0.144%	0.024%	0.146%	0.012%	0.071%	0.000%	0.000%	0.150%	0.007%	0.013%	0.000%	0.133%	0.103%	0.004%	0.058%
Hampton Bay, NY	0.000%	0.000%	0.019%	0.037%	0.000%	0.004%	0.003%	0.000%	0.004%	0.028%	0.449%	0.043%	0.026%	0.011%	0.045%
Shinnecock, NY	0.056%	0.059%	0.025%	0.081%	0.008%	0.290%	0.031%	0.026%	0.004%	0.003%	0.011%	0.005%	0.003%	0.013%	0.044%
Shark River, NJ	0.000%	0.000%	0.148%	0.103%	0.061%	0.000%	0.139%	0.000%	0.000%	0.000%	0.036%	0.000%	0.000%	0.000%	0.035%

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-73   Annual Commercial Revenue in the Lease Area as a Percentage of Revenue in the Geographic Analysis Area for the Top 20 Landing Ports, 2008–2021

Port	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Point Lookout, NY	13.226%	3.597%	1.163%	2.100%	1.642%	0.640%	9.855%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	2.302%
Freeport, NY	14.999%	2.460%	1.366%	1.117%	1.077%	1.014%	0.644%	0.727%	0.516%	0.686%	0.549%	0.662%	0.795%	1.087%	1.978%
Point Pleasant, NJ	1.369%	1.108%	1.071%	1.297%	2.068%	1.290%	1.412%	1.546%	0.988%	0.293%	0.574%	0.470%	0.689%	0.382%	1.040%
Belmar, NJ	0.000%	0.000%	0.000%	0.000%	9.632%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.688%
Islip, NY	8.635%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.617%
New London, CT	5.074%	1.257%	0.362%	1.224%	0.058%	0.083%	0.000%	0.037%	0.024%	0.000%	0.000%	0.000%	0.000%	0.000%	0.580%
Newport News, VA	0.565%	0.419%	0.584%	1.297%	1.410%	0.298%	1.523%	0.044%	0.060%	0.474%	0.076%	0.025%	0.018%	0.075%	0.491%
Barnegat, NJ	0.183%	0.161%	0.392%	0.324%	0.947%	0.823%	0.617%	0.789%	0.545%	0.158%	0.112%	0.000%	0.248%	0.119%	0.387%
Cape May, NJ	0.159%	0.207%	0.419%	1.222%	0.798%	0.861%	0.503%	0.402%	0.111%	0.035%	0.063%	0.028%	0.037%	0.034%	0.349%
Stonington, CT	1.519%	0.188%	0.579%	0.058%	0.355%	0.000%	0.000%	1.190%	0.061%	0.055%	0.000%	0.097%	0.077%	0.005%	0.299%
Belford, NJ	0.000%	0.450%	0.641%	0.780%	0.000%	0.284%	0.351%	0.000%	0.446%	0.000%	0.252%	0.000%	0.312%	0.362%	0.277%
New Bedford, MA	0.365%	0.231%	0.312%	0.656%	0.275%	0.070%	0.237%	0.055%	0.112%	0.048%	0.016%	0.011%	0.063%	0.005%	0.175%
Point Judith, RI	0.000%	0.081%	0.030%	0.164%	0.177%	0.117%	0.837%	0.062%	0.031%	0.019%	0.054%	0.023%	0.078%	0.022%	0.121%
Atlantic City, NJ	0.017%	0.033%	0.008%	0.010%	0.008%	0.053%	0.035%	0.054%	0.283%	0.477%	0.058%	0.061%	0.432%	0.101%	0.116%
Neptune, NJ	0.000%	0.000%	0.358%	0.000%	0.896%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.090%
Long Beach, NY	1.226%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.088%
Montauk, NY	0.009%	0.125%	0.056%	0.301%	0.163%	0.033%	0.087%	0.079%	0.005%	0.020%	0.083%	0.026%	0.029%	0.100%	0.080%
Shinnecock, NY	0.168%	0.064%	0.041%	0.147%	0.032%	0.257%	0.023%	0.032%	0.006%	0.003%	0.012%	0.006%	0.005%	0.014%	0.058%
Hampton, VA	0.000%	0.000%	0.000%	0.000%	0.112%	0.000%	0.012%	0.053%	0.139%	0.040%	0.006%	0.037%	0.136%	0.084%	0.044%
Shark River, NJ	0.000%	0.000%	0.152%	0.133%	0.057%	0.000%	0.144%	0.000%	0.000%	0.000%	0.042%	0.000%	0.000%	0.000%	0.038%

Source: NMFS 2022
State Abbreviations: CT = Connecticut, MA = Massachusetts, NC = North Carolina, NJ = New Jersey, NY = New York, RI = Rhode Island, VA = Virginia

Table I-74   Annual Commercial Landings (pounds) in the EW 1 WEA for States with Landings in the EW 1 WEA, 2008–2021

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Jersey	89,994	138,039	171,560	90,367	98,929	46,024	47,107	48,340	58,763	73,391	92,422	42,230	96,809	51,779	81,840
Massachusetts	182,909	133,380	192,428	95,609	94,884	17,441	21,106	5,526	22,301	10,640	42,528	24,727	12,960	4,730	61,512
Rhode Island	4,539	44,627	19,189	30,711	108,411	52,547	101,901	11,213	727	1,556	28,739	6,151	11,793	3,479	30,399
New York	33,060	29,554	20,536	53,193	41,252	42,904	27,768	5,919	8,786	25,667	25,263	3,681	1,500	15,186	23,876
Virginia	10,196	6,662	16,994	20,948	9,205	3,804	5,079	3,395	1,784	2,297	851	1,389	1,240	812	6,047
Connecticut	7,587	2,669	1,775	1,917	4,067	0	0	578	78	0	585	3,193	1,806	2	1,733
All Others	5	0	0	43	124	137	1,059	2	0	1,647	14,437	4,595	56	346	1,604
North Carolina	136	857	204	286	35	63	569	391	230	575	529	456	302	434	362
Maryland	0	0	0	0	0	0	0	203	229	245	0	0	89	0	55
All States	**328,426**	**355,788**	**422,686**	**293,074**	**356,907**	**162,920**	**204,589**	**75,567**	**92,898**	**116,018**	**205,354**	**86,422**	**126,555**	**76,768**	**207,427**

Source: NMFS 2022

Table I-75   Annual Commercial Revenue (2021 dollars) in the EW 1 WEA for States with Landings in the EW 1 WEA, 2008–2021

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Jersey	$249,795	$179,171	$391,378	$581,561	$300,033	$223,447	$184,241	$175,809	$131,177	$94,772	$58,473	$45,311	$90,936	$65,016	$197,937
Massachusetts	$291,282	$227,425	$320,738	$558,573	$211,620	$86,726	$172,695	$39,202	$59,073	$53,671	$19,662	$15,931	$44,206	$5,206	$150,429
Virginia	$87,702	$46,911	$166,473	$239,359	$94,572	$39,289	$67,533	$36,113	$18,179	$12,083	$4,920	$6,879	$7,263	$4,295	$59,398
New York	$188,082	$86,923	$33,777	$96,785	$59,963	$50,431	$33,963	$9,958	$14,964	$21,564	$22,966	$4,975	$3,268	$18,097	$46,122
Rhode Island	$2,573	$36,024	$13,615	$46,717	$96,314	$62,411	$139,066	$12,543	$3,479	$2,552	$23,170	$6,747	$14,007	$4,450	$33,119
Connecticut	$64,073	$19,811	$11,582	$16,616	$8,358	$0	$0	$6,436	$934	$0	$1,781	$5,315	$2,793	$5	$9,836
North Carolina	$454	$1,920	$772	$796	$165	$259	$1,701	$1,021	$688	$1,589	$1,845	$1,167	$808	$1,072	$1,018
All Others	$43	$0	$0	$103	$391	$537	$2,358	$8	$0	$1,344	$4,102	$3,599	$497	$404	$956
Maryland	$0	$0	$0	$0	$0	$0	$0	$879	$638	$514	$0	$0	$130	$0	$154
All States	**$884,004**	**$598,183**	**$938,334**	**$1,540,511**	**$771,416**	**$463,100**	**$601,558**	**$281,968**	**$229,132**	**$188,089**	**$136,920**	**$89,925**	**$163,908**	**$98,545**	**$498,971**

Source: NMFS 2022

Table I-76   Annual Commercial Landings (pounds) in the EW 2 WEA for States with Landings in the EW 2 WEA, 2008–2021

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Massachusetts	446,834	337,245	401,151	271,894	427,507	50,294	72,680	17,833	165,354	44,285	60,387	62,728	51,962	16,072	173,302
New Jersey	175,098	345,986	108,287	182,215	229,589	100,406	102,158	111,961	152,102	95,164	201,608	100,874	176,208	119,033	157,192
Rhode Island	9,145	62,017	52,110	24,544	45,108	124,573	54,433	17,216	3,412	5,664	36,855	9,797	17,592	5,963	33,459
New York	109,827	25,615	9,560	25,202	16,248	6,353	16,760	9,758	49,842	46,568	35,467	4,055	2,354	37,553	28,226
Virginia	25,441	22,754	17,918	69,277	51,173	11,447	32,432	13,185	5,025	11,458	2,222	4,297	3,895	2,073	19,471
Connecticut	55,941	13,785	12,790	12,071	4,625	699	0	7,363	646	511	927	4,020	2,958	160	8,321
All Others	32	0	0	15	218	169	1,037	0	0	3,320	20,025	10,290	135	1,173	2,601
North Carolina	555	1,856	711	668	124	125	2,200	1,187	876	1,592	827	866	743	1,253	970
Maryland	0	0	0	0	0	0	0	480	386	511	0	0	372	0	125
All States	**822,873**	**809,258**	**602,527**	**585,886**	**774,592**	**294,066**	**281,700**	**178,983**	**377,643**	**209,073**	**358,318**	**196,927**	**256,219**	**183,280**	**423,668**

Source: NMFS 2022

Table I-77   Annual Commercial Revenue (2021 dollars) in the EW 2 WEA for States with Landings in the EW 2 WEA, 2008–2021

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Jersey	$731,784	$413,279	$552,194	$1,722,987	$1,617,339	$859,987	$836,716	$893,934	$610,589	$210,862	$240,606	$160,414	$284,426	$152,990	$663,436
Massachusetts	$854,227	$514,805	$883,485	$2,448,150	$1,163,281	$229,571	$730,895	$162,906	$383,300	$156,908	$60,195	$61,819	$205,929	$22,726	$562,728
Virginia	$215,539	$165,051	$172,566	$763,338	$560,410	$129,431	$456,683	$147,990	$50,175	$86,022	$15,955	$27,649	$25,571	$14,958	$202,238
New York	$722,192	$113,082	$21,647	$79,864	$44,685	$17,736	$118,942	$12,717	$78,642	$37,857	$32,705	$5,045	$3,494	$31,619	$94,302
Connecticut	$474,921	$100,067	$90,885	$139,424	$42,141	$8,086	$0	$91,221	$6,672	$4,893	$6,028	$6,579	$5,912	$623	$69,818
Rhode Island	$5,764	$34,631	$34,795	$35,066	$38,165	$83,954	$313,280	$21,267	$15,222	$11,586	$23,803	$10,420	$23,562	$10,576	$47,292
North Carolina	$1,506	$3,797	$2,062	$2,181	$963	$528	$8,627	$2,798	$2,863	$4,254	$2,743	$2,388	$1,916	$2,945	$2,826
All Others	$265	$0	$0	$37	$715	$548	$5,123	$0	$0	$641	$6,092	$8,380	$1,208	$1,052	$1,719
Maryland	$0	$0	$0	$0	$0	$0	$0	$1,990	$1,037	$1,048	$0	$0	$553	$0	$331
All States	**$3,006,198**	**$1,344,713**	**$1,757,633**	**$5,191,047**	**$3,467,698**	**$1,329,839**	**$2,470,267**	**$1,334,823**	**$1,148,501**	**$514,071**	**$388,127**	**$282,693**	**$552,572**	**$237,489**	**$1,644,691**

Source: NMFS 2022

Table I-78   Annual Commercial Landings (pounds) in the Lease Area for States with Landings in the Lease Area, 2008–2021

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Jersey	265,091	484,025	279,846	272,582	328,517	146,429	149,265	160,301	210,865	168,555	294,031	143,103	273,016	170,812	239,031
Massachusetts	629,744	470,625	593,579	367,503	522,391	67,735	93,785	23,358	187,655	54,925	102,915	87,455	64,922	20,802	234,814
Rhode Island	13,684	106,644	71,300	55,254	153,519	177,120	156,334	28,429	4,139	7,220	65,594	15,948	29,385	9,442	63,858
New York	142,887	55,169	30,096	78,396	57,500	49,257	44,528	15,677	58,628	72,235	60,730	7,736	3,854	52,739	52,102
Virginia	35,637	29,416	34,912	90,225	60,378	15,251	37,511	16,580	6,809	13,755	3,073	5,685	5,136	2,885	25,518
Connecticut	63,529	16,454	14,565	13,988	8,692	717	0	7,942	724	604	1,512	7,212	4,763	162	10,062
All Others	37	0	0	58	342	289	2,096	2	0	4,874	34,463	14,884	191	1,519	4,197
North Carolina	691	2,713	915	954	159	188	2,769	1,577	1,107	2,167	1,356	1,322	1,045	1,687	1,332
Maryland	0	0	0	0	0	0	0	683	615	757	0	0	461	0	180
All States	**1,151,300**	**1,165,046**	**1,025,213**	**878,960**	**1,131,498**	**456,986**	**486,288**	**254,549**	**470,542**	**325,092**	**563,674**	**283,345**	**382,773**	**260,048**	**631,094**

Source: NMFS 2022

Table I-79   Annual Commercial Revenue (2021 dollars) in the Lease Area for States with Landings in the Lease Area, 2008–2021

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New Jersey	$981,580	$592,450	$943,572	$2,304,548	$1,917,372	$1,083,433	$1,020,956	$1,069,743	$741,766	$305,635	$299,080	$205,725	$375,362	$218,006	$861,373
Massachusetts	$1,145,510	$742,229	$1,204,222	$3,006,723	$1,374,900	$316,298	$903,589	$202,108	$442,375	$210,580	$79,857	$77,749	$250,135	$27,931	$713,158
Virginia	$303,241	$211,962	$339,040	$1,002,697	$654,982	$168,719	$524,216	$184,103	$68,354	$98,105	$20,876	$34,528	$32,833	$19,253	$261,636
New York	$910,273	$200,003	$55,422	$176,649	$104,648	$68,166	$152,906	$22,675	$93,606	$59,421	$55,670	$10,022	$6,763	$49,716	$140,424
Rhode Island	$8,337	$70,654	$48,410	$81,781	$134,479	$146,365	$452,345	$33,809	$18,702	$14,139	$46,973	$17,167	$37,569	$15,026	$80,411
Connecticut	$538,995	$119,878	$102,467	$156,042	$50,498	$8,242	$0	$97,657	$7,607	$5,936	$7,809	$11,894	$8,704	$628	$79,740
North Carolina	$1,961	$5,717	$2,834	$2,977	$1,128	$787	$10,327	$3,821	$3,551	$5,843	$4,588	$3,555	$2,725	$4,017	$3,845
All Others	$309	$0	$0	$140	$1,105	$930	$7,482	$8	$0	$941	$10,194	$11,979	$1,706	$1,456	$2,589
Maryland	$0	$0	$0	$0	$0	$0	$0	$2,870	$1,675	$1,562	$0	$0	$683	$0	$485
All States	**$3,890,206**	**$1,942,893**	**$2,695,967**	**$6,731,556**	**$4,239,111**	**$1,792,939**	**$3,071,822**	**$1,616,795**	**$1,377,636**	**$702,163**	**$525,046**	**$372,619**	**$716,481**	**$336,033**	**$2,143,662**

Source: NMFS 2022

Table I-80   Annual Commercial Landings in the EW 1 WEA as a Percentage of Landings in the Geographic Analysis Area for States with Landings in the EW 1 WEA, 2008–2021

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New York	0.167%	0.141%	0.098%	0.240%	0.177%	0.214%	0.160%	0.038%	0.050%	0.181%	0.177%	0.027%	0.012%	0.114%	0.128%
New Jersey	0.057%	0.091%	0.128%	0.057%	0.063%	0.044%	0.044%	0.044%	0.054%	0.056%	0.064%	0.034%	0.089%	0.033%	0.061%
Rhode Island	0.006%	0.056%	0.027%	0.044%	0.140%	0.065%	0.125%	0.017%	0.001%	0.002%	0.040%	0.009%	0.018%	0.006%	0.040%
Virginia	0.049%	0.035%	0.095%	0.098%	0.053%	0.023%	0.038%	0.025%	0.013%	0.017%	0.007%	0.008%	0.009%	0.007%	0.034%
Connecticut	0.149%	0.047%	0.028%	0.025%	0.051%	0.000%	0.000%	0.007%	0.001%	0.000%	0.008%	0.039%	0.033%	0.000%	0.028%
Massachusetts	0.063%	0.043%	0.078%	0.043%	0.038%	0.008%	0.009%	0.002%	0.011%	0.005%	0.022%	0.013%	0.007%	0.003%	0.025%
North Carolina	0.000%	0.005%	0.001%	0.002%	0.000%	0.001%	0.005%	0.003%	0.002%	0.004%	0.006%	0.005%	0.004%	0.008%	0.003%
Maryland	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.004%	0.005%	0.006%	0.000%	0.000%	0.004%	0.000%	0.001%

Source: NMFS 2022

Table I-81   Annual Commercial Revenue in the EW 1 WEA as a Percentage of Revenue in the Geographic Analysis Area for States with Landings in the EW 1 WEA, 2008–2021

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New York	0.524%	0.253%	0.096%	0.237%	0.147%	0.141%	0.112%	0.038%	0.049%	0.087%	0.088%	0.019%	0.016%	0.073%	0.134%
New Jersey	0.127%	0.095%	0.191%	0.227%	0.143%	0.154%	0.109%	0.099%	0.064%	0.051%	0.034%	0.025%	0.055%	0.043%	0.101%
Virginia	0.090%	0.052%	0.169%	0.212%	0.109%	0.066%	0.132%	0.050%	0.024%	0.022%	0.010%	0.013%	0.015%	0.011%	0.070%
Connecticut	0.392%	0.121%	0.062%	0.072%	0.037%	0.000%	0.000%	0.043%	0.007%	0.000%	0.012%	0.037%	0.025%	0.000%	0.058%
Rhode Island	0.004%	0.055%	0.022%	0.059%	0.126%	0.079%	0.181%	0.018%	0.004%	0.003%	0.025%	0.007%	0.021%	0.005%	0.044%
Massachusetts	0.067%	0.053%	0.062%	0.092%	0.033%	0.015%	0.034%	0.008%	0.012%	0.010%	0.003%	0.003%	0.009%	0.001%	0.029%
North Carolina	0.001%	0.010%	0.004%	0.004%	0.001%	0.002%	0.007%	0.003%	0.001%	0.003%	0.009%	0.005%	0.005%	0.009%	0.005%
Maryland	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.010%	0.009%	0.009%	0.000%	0.000%	0.002%	0.000%	0.002%

Source: NMFS 2022

Table I-82   Annual Commercial Landings in the EW 2 WEA as a Percentage of Landings in the Geographic Analysis Area for States with Landings in the EW 2 WEA, 2008–2021

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New York	0.556%	0.122%	0.045%	0.114%	0.070%	0.032%	0.097%	0.062%	0.285%	0.328%	0.249%	0.029%	0.020%	0.281%	0.163%
Connecticut	1.099%	0.244%	0.200%	0.159%	0.059%	0.010%	0.000%	0.091%	0.007%	0.010%	0.012%	0.049%	0.055%	0.003%	0.143%
New Jersey	0.110%	0.228%	0.081%	0.115%	0.146%	0.097%	0.095%	0.102%	0.139%	0.073%	0.139%	0.082%	0.162%	0.076%	0.118%
Virginia	0.122%	0.121%	0.100%	0.323%	0.297%	0.070%	0.245%	0.096%	0.036%	0.082%	0.017%	0.026%	0.028%	0.017%	0.113%
Massachusetts	0.154%	0.108%	0.164%	0.121%	0.172%	0.023%	0.031%	0.008%	0.082%	0.023%	0.031%	0.033%	0.028%	0.010%	0.071%
Rhode Island	0.013%	0.078%	0.074%	0.035%	0.058%	0.153%	0.067%	0.026%	0.005%	0.008%	0.051%	0.014%	0.027%	0.009%	0.044%
North Carolina	0.002%	0.012%	0.004%	0.004%	0.002%	0.002%	0.019%	0.010%	0.006%	0.011%	0.009%	0.010%	0.010%	0.024%	0.009%
Maryland	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.010%	0.008%	0.012%	0.000%	0.000%	0.015%	0.000%	0.003%

Source: NMFS 2022

Table I-83   Annual Commercial Revenue in the EW 2 WEA as a Percentage of Revenue in the Geographic Analysis Area for States with Landings in the EW 2 WEA, 2008–2021

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Connecticut	2.904%	0.610%	0.483%	0.607%	0.185%	0.052%	0.000%	0.613%	0.047%	0.039%	0.041%	0.046%	0.053%	0.006%	0.406%
New Jersey	0.372%	0.218%	0.270%	0.674%	0.771%	0.591%	0.497%	0.505%	0.297%	0.114%	0.139%	0.089%	0.171%	0.101%	0.344%
New York	2.013%	0.329%	0.061%	0.195%	0.110%	0.050%	0.392%	0.048%	0.256%	0.152%	0.125%	0.020%	0.017%	0.127%	0.278%
Virginia	0.220%	0.182%	0.175%	0.676%	0.649%	0.217%	0.891%	0.206%	0.067%	0.158%	0.031%	0.054%	0.053%	0.037%	0.258%
Massachusetts	0.196%	0.119%	0.172%	0.403%	0.181%	0.040%	0.144%	0.033%	0.075%	0.028%	0.010%	0.010%	0.041%	0.003%	0.104%
Rhode Island	0.008%	0.053%	0.056%	0.044%	0.050%	0.106%	0.409%	0.031%	0.018%	0.013%	0.026%	0.011%	0.035%	0.012%	0.062%
North Carolina	0.003%	0.020%	0.010%	0.012%	0.007%	0.004%	0.037%	0.009%	0.005%	0.008%	0.013%	0.011%	0.011%	0.024%	0.013%
Maryland	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.023%	0.015%	0.019%	0.000%	0.000%	0.009%	0.000%	0.005%

Source: NMFS 2022

Table I-84   **Annual Commercial Landings in the Lease Area as a Percentage of Landings in the Geographic Analysis Area for States with Landings in the Lease Area, 2008–2021**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
New York	0.723%	0.263%	0.143%	0.353%	0.247%	0.246%	0.257%	0.100%	0.335%	0.508%	0.426%	0.056%	0.032%	0.395%	0.292%
New Jersey	0.167%	0.319%	0.208%	0.171%	0.209%	0.141%	0.139%	0.147%	0.193%	0.130%	0.203%	0.116%	0.250%	0.109%	0.179%
Connecticut	1.248%	0.291%	0.228%	0.184%	0.110%	0.011%	0.000%	0.098%	0.008%	0.011%	0.020%	0.087%	0.088%	0.003%	0.171%
Virginia	0.170%	0.156%	0.195%	0.420%	0.350%	0.093%	0.283%	0.121%	0.048%	0.099%	0.024%	0.035%	0.037%	0.024%	0.147%
Massachusetts	0.218%	0.150%	0.242%	0.164%	0.211%	0.030%	0.040%	0.011%	0.093%	0.028%	0.052%	0.046%	0.035%	0.013%	0.095%
Rhode Island	0.019%	0.133%	0.102%	0.079%	0.198%	0.218%	0.191%	0.044%	0.006%	0.010%	0.091%	0.023%	0.045%	0.015%	0.084%
North Carolina	0.002%	0.017%	0.005%	0.006%	0.002%	0.003%	0.024%	0.013%	0.008%	0.015%	0.015%	0.015%	0.014%	0.033%	0.012%
Maryland	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.014%	0.013%	0.018%	0.000%	0.000%	0.019%	0.000%	0.005%

Source: NMFS 2022

Table I-85   **Annual Commercial Revenue in the Lease Area as a Percentage of Revenue in the Geographic Analysis Area for States with Landings in the Lease Area, 2008–2021**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Annual Average
Connecticut	3.296%	0.730%	0.544%	0.680%	0.222%	0.053%	0.000%	0.656%	0.053%	0.047%	0.053%	0.084%	0.078%	0.006%	0.464%
New Jersey	0.499%	0.313%	0.461%	0.901%	0.915%	0.745%	0.606%	0.605%	0.361%	0.165%	0.173%	0.114%	0.226%	0.144%	0.445%
New York	2.537%	0.581%	0.157%	0.432%	0.257%	0.190%	0.504%	0.086%	0.305%	0.239%	0.213%	0.039%	0.033%	0.200%	0.412%
Virginia	0.310%	0.234%	0.344%	0.888%	0.758%	0.283%	1.023%	0.256%	0.091%	0.181%	0.041%	0.067%	0.068%	0.048%	0.328%
Massachusetts	0.263%	0.172%	0.235%	0.494%	0.214%	0.055%	0.178%	0.041%	0.087%	0.038%	0.014%	0.013%	0.050%	0.004%	0.133%
Rhode Island	0.012%	0.108%	0.078%	0.103%	0.175%	0.186%	0.590%	0.049%	0.022%	0.015%	0.051%	0.018%	0.056%	0.017%	0.106%
North Carolina	0.004%	0.031%	0.014%	0.016%	0.008%	0.007%	0.044%	0.012%	0.007%	0.011%	0.022%	0.016%	0.016%	0.033%	0.017%
Maryland	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.033%	0.024%	0.028%	0.000%	0.000%	0.012%	0.000%	0.007%

Source: NMFS 2022

Table I-86   Annual For-Hire Recreational Fishing Effort in the EW 1 WEA, 2008–2021

Year	Angler Trips			Vessel Trips		
	New York Ports	New Jersey Ports	All Ports	New York Ports	New Jersey Ports	All Ports
2008	33	0	33	1	0	1
2009	19	0	19	2	0	2
2010	191	5	196	42	1	43
2011	156	12	168	6	1	7
2012	5	74	79	2	3	5
2013	48	0	48	2	0	2
2014	276	27	303	9	1	10
2015	106	32	138	4	2	6
2016	185	10	195	7	1	8
2017	193	22	215	7	2	9
2018	1,476	116	1,592	54	6	60
2019	2,729	59	2,788	84	3	87
2020	1,891	16	1,907	47	2	49
2021	2,659	0	2,659	79	0	79
Average	**712**	**27**	**739**	**25**	**2**	**27**

Source: NMFS 2022
Notes: Angler trips is the number of passengers reported on Vessel Trip Reports for party and charter vessels.

Table I-87   Annual For-Hire Recreational Fishing Effort in the EW 2 WEA, 2008–2021

Year	Angler Trips			Vessel Trips		
	New York Ports	New Jersey Ports	All Ports	New York Ports	New Jersey Ports	All Ports
2008	0	0	0	0	0	0
2009	4	0	4	1	0	1
2010	32	144	176	1	4	5
2011	204	0	204	12	0	12
2012	0	0	0	0	0	0
2013	202	241	443	6	13	19
2014	94	7	101	2	1	3
2015	78	14	92	6	1	7
2016	94	0	94	4	0	4
2017	22	93	115	1	4	5
2018	399	23	422	10	3	13
2019	27	0	27	1	0	1
2020	1,353	0	1,353	40	0	40
2021	192	0	192	7	0	7
Average	**193**	**37**	**230**	**7**	**2**	**9**

Source: NMFS 2022
Notes: Angler trips is the number of passengers reported on Vessel Trip Reports for party and charter vessels.

I.5.   Navigation and Vessel Traffic

The recently published *Northern New York Bight Port Access Route Study: Final Report* (USCG 2021) analyzed an area that includes the approaches to the Port of New York and New Jersey and based on Marine Planning Guidelines and recommended that multiple shipping fairways and one federal anchorage be established within the PARS area. USCG is pursuing a rulemaking to establish the shipping safety fairways and the Northern New York Bight PARS final report will be considered during that process.
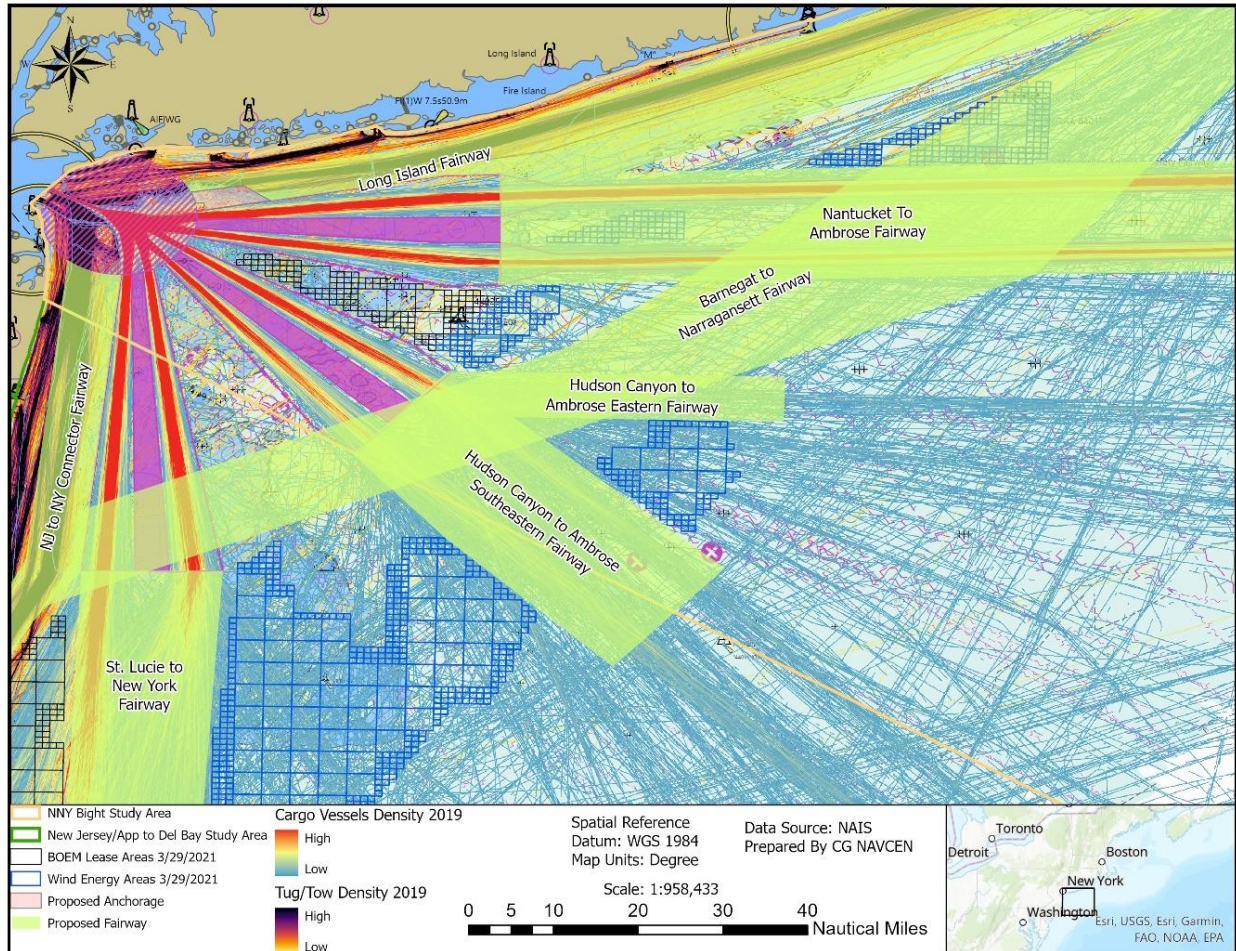
Source: USCG 2021

Figure I-6   U.S. Coast Guard Proposed Fairways and Anchorage Area

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