

Map 25C
Long Island Sound



SEE BACK OF MAP
for details about mapped species and
other species that occur in mapped area.
Data Published: September 2016

0 Not for Navigation 1 Miles
0 1 Kilometers

1:50,000



Map 25C
Long Island Sound

BIOLOGICAL RESOURCES

Note: An asterisk (*) indicates that life stage occurs in this range but not in all months included

DISPLAYED ON MAP

BIRDS

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
				S	F		J	F	M	A	M	J	J	A	S	O	N	D				
13	Shorebird	American oystercatcher	General Distribution	T/-		Present													Mar-Aug	-	-	-
36	Raptor	Osprey	General Distribution	-/C		2													Mar-Aug	Mar-Jun	Jul-Nov	-
48	Diving	Pied-billed grebe	General Distribution	E/T		Present													-	-	-	-
89	Gull/Tern	Common tern	General Distribution	E/T		2													May-Aug	-	-	-
103	Gull/Tern	Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-
234	Gull/Tern	Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-
	Shorebird	Piping plover	General Distribution	T/E	T	Present													Mar-Aug	-	-	-
257	Gull/Tern	Roseate tern	Concentration Area	E/E	E	Present													May-Aug	-	-	-
261	Diving	Pied-billed grebe	General Distribution	E/T		5													-	-	-	-
274	Diving	Pied-billed grebe	General Distribution	E/T		Present													-	-	-	-
	Raptor	Short-eared owl	General Distribution	T/E		Present													-	Oct-Apr	-	-
	Wading	American bittern	General Distribution	E/C		Present													Mar-Aug	-	-	-
	Wading	Great blue heron	Concentration Area			Present													Mar-Aug	-	-	-
	Wading	Hérons	Concentration Area			Present													Jan-Dec	Jan-Dec	-	-
	Waterfowl	American black duck	Concentration Area			Present													Apr-May	Mar-Apr	Sep-Nov	-
	Waterfowl	American wigeon	Concentration Area			Present													-	-	-	-
	Waterfowl	Canada goose	Concentration Area			Present													Mar-Aug	Jan-Dec	-	-
	Waterfowl	Green-winged teal	Concentration Area			Present													-	Mar-Apr	Sep-Oct	-
	Waterfowl	Mallard	Concentration Area			Present													Mar-Aug	-	-	-
275	Gull/Tern	Black skimmer	General Distribution	-/C		Present													Mar-Aug	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-
	Shorebird	Piping plover	General Distribution	T/E	T	Present													Mar-Aug	-	-	-
276	Gull/Tern	Roseate tern	General Distribution	E/E	E	Present													May-Aug	-	-	-
	Wading	Little blue heron	General Distribution	C/-		Present													Apr-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		Present													Mar-Aug	-	-	-
277	Gull/Tern	Black skimmer	General Distribution	-/C		Present													Mar-Aug	-	-	-
	Shorebird	Piping plover	General Distribution	T/E	T	Present													Mar-Aug	-	-	-
278	Gull/Tern	Black skimmer	General Distribution	-/C		2													Mar-Aug	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		10S													Apr-Aug	-	-	-
	Gull/Tern	Roseate tern	General Distribution	E/E	E	4													May-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Shorebird	Piping plover	General Distribution	T/E	T	2													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		3													Mar-Aug	-	-	-

FISH

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
425	Freshwater	Banded sunfish	Vulnerable Occurrence	C/T		Uncommon													Apr-Jul	Apr-Jul	May-Aug	Jan-Dec	Jan-Dec
460	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
501	Diadromous	Alewife	Spawning Area			Common													Mar-Jun	Mar-Jun	Mar-Jun	Mar-Oct	Mar-Oct
691	Diadromous	Striped bass	Nursery Area			Common													-	-	-	Apr-Nov	Apr-Nov
	Estuarine Nursery	Black sea bass	Nursery Area			Common													-	-	-	Apr-Nov	Apr-Nov
	Estuarine Nursery	Winter flounder	Nursery Area			Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
	Estuarine Resident	Atlantic silverside	Nursery Area			Abundant													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Marine Benthic	American sand lance	Nursery Area			Abundant													Nov-Mar	Nov-Mar	Dec-Jun	Jan-Dec	Jan-Dec
	Marine Benthic	Tautog	Nursery Area			Common													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
702	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Estuarine Nursery	Scup	Nursery Area			Common													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Estuarine Nursery	Weakfish	Nursery Area			Common													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
	Estuarine Nursery	Winter flounder	Nursery Area			Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
	Estuarine Resident	Atlantic silverside	Nursery Area			Abundant													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Estuarine Resident	Mummichog	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
703	Diadromous	Alewife	Spawning Area			Common													Mar-Jun	Mar-Jun	Mar-Jun	Mar-Oct	Mar-Oct
	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Banded sunfish	Vulnerable Occurrence	C/T		Common													Apr-Jul	Apr-Jul	May-Aug	Jan-Dec	Jan-Dec
	Freshwater	Swamp darter	Vulnerable Occurrence	-/T		Common													Apr-May	Apr-May	Apr-Jun	Jan-Dec	Jan-Dec

HABITATS & RARE PLANTS

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
854	Plant	Atlantic white cedar	Vulnerable Occurrence	-/T		10 - 50													-	-	-	-	-
871	Plant	Atlantic white cedar	Vulnerable Occurrence	-/T		Present													-	-	-	-	-
	Plant	Fibrous bladderwort	Vulnerable Occurrence	-/T		Present													-	-	-	-	-
	Plant	Nf horned beaksedge	Vulnerable Occurrence	-/T		50 - 100													-	-	-	-	-
	Plant	Sm. yelloweyed grass	Vulnerable Occurrence	E/T		Present													-	-	-	-	-
	Plant	Southern bladderwort	Vulnerable Occurrence	-/E		Present													-	-	-	-	-
	Plant	Twining screwstem	Vulnerable Occurrence	-/E		Present													-	-	-	-	-
	Wetland	Bog smartweed	Vulnerable Occurrence	-/E		Present													-	-	-	-	-
	Wetland	Spikerushes	Vulnerable Occurrence	E/E		100 - 300													-	-	-	-	-
872	Plant	Longbeak beaksedge	Vulnerable Occurrence	-/C		Present													-	-	-	-	-
873	Plant	Seaside goldenrod	Vulnerable Occurrence	-/E		Present													-	-	-	-	-

REPTILES & AMPHIBIANS




Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
967	Amphibian	Rare amphibian	Vulnerable Occurrence	-/E		Present													Mar-Apr	May	-	Jan-Dec	Jan-Dec
972	Turtle	Green sea turtle	Vulnerable Occurrence	T/T	T	Present													-	-	-	Jun-Nov	-
	Turtle	K. ridley sea turtle	Vulnerable Occurrence	E/E	E	Present													-	-	-	Jun-Nov	-
	Turtle	Loggerhead sea turtle	Vulnerable Occurrence	T/T	E	Present													-	-	-	Jun-Nov	-
974	Turtle	Spotted turtle	Vulnerable Occurrence	C/C		Present													May-Jun	Aug-Sep	-	Jan-Dec	Jan-Dec

INVERTEBRATES



Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
997	Crab	Horseshoe crab	Spawning Area			Present													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
998	Lobster	American lobster	Nursery Area			Common													Jun-Nov	Jan-Dec	May-Aug	Jan-Dec	Jan-Dec
1013	Insect	C. barrens buckmoth	Vulnerable Occurrence	-/C		Present													-	-	-	-	Jan-Dec
	Insect	Hessel's hairstreak	Vulnerable Occurrence	-/E		Present													Apr-May	Jun	Jun-Jul	Jul-Apr	May-Jun
	Insect	Pine Barrens underwing	Vulnerable Occurrence	-/C		Present													-	-	-	-	Jan-Dec
	Insect	Scarlet bluet	Vulnerable Occurrence	-/T		Present													Jun-Jul	-	-	-	Jun-Jul
1014	Insect	Little bluet	Vulnerable Occurrence	-/T		Present													May-Jul	-	-	-	Jun-Aug
1015	Bivalve	Bay scallop	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
	Bivalve	Eastern oyster	Harvest Area			Low													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Bivalve	Northern quahog	Harvest Area			Low													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
1016	Bivalve	Atlantic surfclam	Harvest Area			Low													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Bivalve	Bay scallop	Harvest Area			Low													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
	Bivalve	Eastern oyster	Harvest Area			Low													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Bivalve	Northern quahog	Harvest Area			Low													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Bivalve	Softshell clam	Harvest Area			Low													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
	Gastropod	Channeled whelk	Harvest Area			Moderate													Sep-Nov	Sep-Nov	-	Jan-Dec	Jan-Dec

WIDESPREAD IN MAPPED AREA (> 10 SQUARE KILOMETERS)



BIRDS

	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
				S	F		J	F	M	A	M	J	J	A	S	O	N	D				
	Diving	Common loon	General Distribution	C/C		10S													-	-	-	-
	Gull/Tern	Common tern	General Distribution	E/T		Present													May-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		Present													Mar-Aug	-	-	-


FISH

	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Diadromous	Alewife	Nursery Area			Common													Mar-Jun	Mar-Jun	Mar-Jun	Mar-Oct	Mar-Oct
		American eel	Migration			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
		American shad	Nursery Area			Common													May-Jul	May-Jul	May-Aug	Jun-Nov	Apr-Jul
		Blueback herring	Migration	C/-		Common													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
		Striped bass	Nursery Area			Common													-	-	-	Jan-Dec	Jan-Dec
	Estuarine Nursery	Atlantic herring	Nursery Area			Abundant													-	-	Mar-May	Jan-Dec	Jan-Dec
		Atlantic menhaden	Nursery Area			Abundant													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
		Bay anchovy	Nursery Area			Common													May-Sep	May-Sep	May-Nov	Jan-Dec	Jan-Dec
		Black sea bass	Nursery Area			Common													-	-	-	Jan-Dec	Jan-Dec
		Bluefish	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Sep	Jun-Nov	Apr-Nov
		Hogchoker	Nursery Area			Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
		Scup	Nursery Area			Abundant													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
		Summer flounder	Nursery Area			Common													-	-	-	Mar-Nov	Mar-Nov
		Weakfish	Nursery Area			Abundant													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
		Windowpane	Nursery Area			Common													Apr-Oct	Apr-Oct	May-Nov	Jan-Dec	Jan-Dec

FISH (continued)

Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Winter flounder	Nursery Area			Abundant													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
	Estuarine Resident Atlantic silverside	Nursery Area			Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Fish Atlantic moonfish	Nursery Area			Common													-	-	-	Jan-Dec	Jan-Dec
	Marine Benthic Cunner	Nursery Area			Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Little skate	Nursery Area			Abundant													Jan-Dec	Jan-Dec	-	Jan-Dec	Jan-Dec
	Northern searobin	Nursery Area			Common													May-Sep	May-Sep	May-Sep	Apr-Nov	Apr-Nov
	Red hake	Nursery Area			Common													-	-	-	Mar-Nov	Mar-Nov
	Silver hake	Nursery Area			Common													-	-	May-Oct	Mar-Nov	Mar-Nov
	Smooth dogfish	Nursery Area			Common													-	-	-	May-Oct	May-Oct
	Spotted hake	Nursery Area			Common													-	-	-	Mar-Nov	Mar-Nov
	Striped searobin	Nursery Area			Common													May-Sep	May-Sep	May-Sep	Apr-Nov	Apr-Nov
	Tautog	Nursery Area			Common													Apr-Sep	Apr-Sep	May-Sep	Jan-Dec	Jan-Dec
	Marine Pelagic Atlantic mackerel	Nursery Area			Common													Apr-Jun	Apr-Jun	Apr-Jun	Apr-Nov	Apr-Nov
	Butterfish	Nursery Area			Abundant													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec

REPTILES & AMPHIBIANS

Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Turtle Green sea turtle	General Distribution	T/T	T	Present													-	-	-	Jun-Nov	-
	K. ridley sea turtle	General Distribution	E/E	E	Present													-	-	-	Jun-Nov	-
	Loggerhead sea turtle	General Distribution	T/T	E	Present													-	-	-	Jun-Nov	-

INVERTEBRATES




Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Crab Horseshoe crab	Nursery Area			Common													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec

MARINE MAMMALS





Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Mating	Calving	Pupping	Molt	
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Dolphin Harbor porpoise	General Distribution	C/C		Present													-	-	-	-	-

ALSO PRESENT IN MAPPED AREA (GENERAL DISTRIBUTION)


BIRDS

Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt	
		J	F	M	A	M	J	J	A	S	O	N	D					
	Alcid Razorbill													-	-	-	-	-
	Diving D. crested cormorant													Mar-Aug	-	-	-	-
	Horned grebe													-	-	-	-	-
	Red-throated loon													-	-	-	-	-
	Gull/Tern G. black-backed gull													Mar-Aug	-	-	-	-
	Herring gull													Mar-Aug	-	-	-	-
	Ring-billed gull													-	-	-	-	-





BIRDS (continued)

	Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
			J	F	M	A	M	J	J	A	S	O	N	D				
	Passerine	Acadian flycatcher													Jun-Jul	May-Jun	Aug-Sep	- -
		Bank swallow													Apr-Aug	-	-	- -
		Barn Swallow													Apr-Aug	-	-	- -
		Boat-tailed grackle													Apr-Jun	-	-	- -
		Common grackle													Mar-Aug	-	-	- -
		Common yellowthroat													Apr-Aug	-	-	- -
		Northern mockingbird													Mar-Aug	-	-	- -
		Red-winged blackbird													Mar-Aug	-	-	- -
		Saltmarsh sparrow													May-Aug	-	-	- -
		Song sparrow													Mar-Aug	-	-	- -
		Tree swallow													Mar-Aug	-	-	- -
		Yellow warbler													Apr-Aug	-	-	- -
	Pelagic	Northern gannet													-	-	-	- -
	Shorebird	Willet													Apr-Aug	-	-	- -
	Waterfowl	American black duck													Apr-May	Mar-Apr	Sep-Nov	- -
		American coot													-	-	-	- -
		American wigeon													-	-	-	- -
		Black scoter													-	-	-	- -
		Blue-winged teal													-	Mar-May	Sep-Nov	- -
		Bufflehead													-	Oct-Jun	-	- -
		Canada goose													Mar-Aug	Jan-Dec	-	- -
		Canvasback													-	-	-	- -
		Common eider													Sep-May	-	-	- -
		Common goldeneye													-	Nov-Apr	-	- -
		Eurasian wigeon													-	-	-	- -
		Gadwall													Jan-Dec	-	-	- -
		Greater scaup													-	-	-	- -
		Green-winged teal													-	Mar-Apr	Sep-Oct	- -
		Hooded merganser													-	-	-	- -
		Lesser scaup													-	-	-	- -
		Long-tailed duck													-	-	-	- -
		Mallard													Mar-Aug	-	-	- -
		Mute swan													Mar-Sep	-	-	- -
		Northern pintail													-	-	-	- -
		Northern shoveler													-	-	-	- -
		Red-breasted merganser													-	-	-	- -
		Ring-necked duck													-	-	-	- -
		Ruddy duck													-	-	-	- -
		Scoters													-	Apr-May	Sep-Nov	- -
		Surf scoter													-	-	-	- -
		White-winged scoter													-	Sep-May	-	- -
		Wood duck													Mar-Aug	-	-	- -



FISH

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Freshwater													May-Jun	May-Jun	May-Jun	Jan-Dec	Jan-Dec
	Black crappie													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Bluegill													May-Jul	May-Jul	Jun-Aug	Jan-Dec	Jan-Dec
	Brown bullhead													Mar-May	Mar-May	Mar-May	Jan-Dec	Jan-Dec
	Chain pickerel													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Common carp													May-Jul	May-Jul	May-Jul	Jan-Dec	Jan-Dec
	Largemouth bass													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Pumpkinseed													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Rock bass													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Smallmouth bass													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Yellow perch													Mar-May	Mar-May	Mar-Aug	Jan-Dec	Jan-Dec

INVERTEBRATES

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Bivalve													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Atlantic surfclam													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Northern quahog													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Cephalopod													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Longfin squid													May-Oct	Jan-Dec	May-Oct	Jan-Dec	Jan-Dec
	Crab													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Atlantic rock crab													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Blue crab													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
	Horseshoe crab													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Lady crab													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Shrimp													May-Oct	May-Oct	May-Oct	May-Oct	Jan-Dec
	Grass shrimp													Feb-May	Feb-May	Feb-May	Jan-Dec	Jan-Dec
	Mantis shrimp													May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec
	Sevenspine bay shrimp																	






MARINE MAMMALS

Subelement	Species	Monthly Presence												Mating	Calving	Pupping	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	Dolphin													-	-	-	-
	Pinniped													-	-	-	-
	Gray seal													-	-	-	-
	Harbor seal													-	-	-	-














For additional information about species locations and extent, reference the underlying GIS data available from response.restoration.noaa.gov

SHORELINE RESOURCES

ESI POLYGON HABITAT TYPES

	<i>ESI Rank</i>	<i>Habitat Classification</i>	<i>Area (Acres)</i>	<i>Area (Sq. Miles)</i>
	10A	Salt and Brackish Water Marshes	140.75	0.22
	10B	Freshwater Marshes	36.88	0.06
	10C	Swamps	301.00	0.47
	10D	Scrub and Shrub Wetlands	113.18	0.18
	9A	Sheltered Tidal Flats	3.49	0.01

ESI SHORELINE HABITAT TYPES

	<i>ESI Rank</i>	<i>Shoreline Habitat Classification</i>	<i>Length (Meters)</i>	<i>Length (Miles)</i>	<i>% of ESI Shoreline</i>
	10A	Salt and Brackish Water Marshes	19,207.48	11.94	24%
	10C	Swamps	521.94	0.32	1%
	10D	Scrub and Shrub Wetlands	92.31	0.06	< 1%
	9A	Sheltered Tidal Flats	872.73	0.54	1%
	9B	Vegetated Low Banks	36,824.25	22.88	46%
	8B	Sheltered, Solid Man-Made Structures	5,771.55	3.59	7%
	8C	Sheltered Riprap	50.01	0.03	< 1%
	6B	Riprap	254.28	0.16	< 1%
	5	Mixed Sand and Gravel Beaches	9,371.28	5.82	12%
	4	Coarse Grained Sand Beaches	147.17	0.09	< 1%
	3A	Fine to Medium Grained Sand Beaches	42.83	0.03	< 1%
	3B	Scarps and Steep Slopes (Sand)	4,105.21	2.55	5%
	1B	Exposed, Solid Man-Made Structures	2,894.57	1.80	4%
Total ESI Shoreline:			80,155.60	Total ESI Shoreline:	49.81
Total Shoreline:			51,844.39	Total Shoreline:	32.21

Note: A shoreline segment may include multiple shoreline habitats. If any segments include multiple habitats, the combined length of all habitats may exceed the length of the mapped shoreline, and the percent of ESI shoreline values will sum to greater than 100%

All underlying GIS data can be obtained from response.restoration.noaa.gov

