

Map 9B
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				
4	Passerine	Seaside sparrow	General Distribution	T/C		Present													May-Aug	-	-	-
6	Raptor	Osprey	General Distribution	-/C		10S													Mar-Aug	Mar-Jun	Jul-Nov	-
13	Shorebird	American oystercatcher	General Distribution	T/-		Present													Mar-Aug	-	-	-
15	Raptor	Bald eagle	General Distribution	T/T		Present													Feb-Aug	-	-	-
66	Diving	Common loon	General Distribution	C/C		Present													-	-	-	-
	Passerine	Purple martin	General Distribution	C/-		5													Apr-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		2													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Glossy ibis	General Distribution	C/-		4													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		8													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		10S													Mar-Aug	-	-	-
67	Passerine	Savannah sparrow	General Distribution	C/-		Present													Mar-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		10S													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Great egret	General Distribution	T/-		2													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		2													Mar-Aug	-	-	-
68	Gull/Tern	Least tern	General Distribution	T/T		6													Apr-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		10													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		10S													Mar-Aug	-	-	-
69	Gull/Tern	Least tern	General Distribution	T/T		3													Apr-Aug	-	-	-
	Wading	Glossy ibis	General Distribution	C/-		5													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		5													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		9													Mar-Aug	-	-	-
70	Raptor	Osprey	General Distribution	-/C		8													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Glossy ibis	General Distribution	C/-		Present													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		3													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		3													Mar-Aug	-	-	-
71	Raptor	Osprey	General Distribution	-/C		3													Mar-Aug	Mar-Jun	Jul-Nov	-
72	Diving	Grebes	Concentration Area			Present													-	Jan-Dec	-	-
	Diving	Loons	Concentration Area			Present													-	Apr-May	Oct-Nov	-
	Shorebird	American oystercatcher	Concentration Area	T/-		Low													Mar-Aug	-	-	-
	Waterfowl	Diving ducks	Concentration Area			Present													-	-	-	-
	Waterfowl	Greater scaup	Concentration Area			Abundant													-	-	-	-
73	Diving	Diving birds	Concentration Area			Present													-	-	-	-
	Passerine	Saltmarsh sparrow	Concentration Area			Abundant													May-Aug	-	-	-
	Passerine	Seaside sparrow	Concentration Area	T/C		Present													May-Aug	-	-	-
	Shorebird	American oystercatcher	Concentration Area	T/-		Low													Mar-Aug	-	-	-
	Waterfowl	Dabbling ducks	Wintering			Abundant													-	Jan-Dec	-	-
	Waterfowl	Diving ducks	Concentration Area			Present													-	-	-	-

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					
429	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
448	Diadromous	Alewife	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
460	Diadromous	Sea lamprey	Spawning Area			Common													May-Jun	May-Jun	Jan-Dec	Apr-Jul	Apr-Jul
497	Diadromous	Alewife	Spawning Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
512	Estuarine Resident	Striped killifish	Nursery Area			Common													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
544	Estuarine Resident	Mummichog	Nursery Area			Common													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
546	Diadromous	Alewife	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Estuarine Nursery	Black sea bass	Nursery Area			Common													-	-	-	Apr-Nov	Apr-Nov
	Estuarine Nursery	Scup	Nursery Area			Common													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Estuarine Resident	Grubby	Nursery Area			Common													Dec-Apr	Dec-Apr	Jan-May	Jan-Dec	Jan-Dec
	Estuarine Resident	Mummichog	Nursery Area			Common													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Estuarine Resident	Northern pipefish	Nursery Area			Common													Apr-Aug	-	May-Sep	Jan-Dec	Jan-Dec
	Estuarine Resident	Striped killifish	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Marine Benthic	Tautog	Nursery Area			Common													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
547	Estuarine Nursery	Black sea bass	Nursery Area			Common													-	-	-	Apr-Nov	Apr-Nov
	Estuarine Nursery	Scup	Nursery Area			Common													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Estuarine Resident	Grubby	Nursery Area			Common													Dec-Apr	Dec-Apr	Jan-May	Jan-Dec	Jan-Dec
	Estuarine Resident	Northern pipefish	Nursery Area			Common													Apr-Aug	-	May-Sep	Jan-Dec	Jan-Dec
	Estuarine Resident	Striped killifish	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Marine Benthic	Tautog	Nursery Area			Common													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
548	Diadromous	Sea lamprey	Migration			Common													May-Jun	May-Jun	Jan-Dec	Apr-Jul	Apr-Jul
	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
549	Diadromous	Alewife	Spawning Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Diadromous	Sea lamprey	Spawning Area			Common													May-Jun	May-Jun	Jan-Dec	Apr-Jul	Apr-Jul

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					
757	Plant	Yellow thistle	Vulnerable Occurrence	E/-		Present													-	-	-	-	-
759	FAV	Featherfoil	Vulnerable Occurrence	C/T		Present													-	-	-	-	-
800	Plant	Welsh mudwort	Vulnerable Occurrence	C/-		Present													-	-	-	-	-
811	Plant	Devil's-tongue	Vulnerable Occurrence	C/-		Present													-	-	-	-	-
	Plant	Meadow zizia	Vulnerable Occurrence	E/-		Present													-	-	-	-	-
	Plant	New Eng. blazing star	Vulnerable Occurrence	C/T		Present													-	-	-	-	-
	Plant	Stiff-leaved goldenrod	Vulnerable Occurrence	E/T		Present													-	-	-	-	-
	Plant	Widowsfrill	Vulnerable Occurrence	T/-		Present													-	-	-	-	-
812	Plant	Sand blackberry	Vulnerable Occurrence	C/E		Present													-	-	-	-	-

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					
987	Bivalve	Eastern oyster	Concentration Area			Present													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
988	Insect	Rare insect	Vulnerable Occurrence			Present													-	-	-	-	Jan-Dec
	Insect	Threatened insect	Vulnerable Occurrence	E/-	T	Present													-	-	-	-	Jan-Dec
994	Insect	Rare insect	Vulnerable Occurrence			Present													-	-	-	-	Jan-Dec
996	Crab	Horseshoe crab	Spawning Area			Present													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec

TERRESTRIAL MAMMALS



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					
1052	Bat	Hoary bat	Vulnerable Occurrence	C/-		Present													-	-	-	-	-
1053	Small Mammal	NA least shrew	Vulnerable Occurrence	E/-		Present													-	-	-	-	-

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	-	-	-
		Roseate tern	General Distribution	E/E	E	Present													May-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		Present													Mar-Aug	-	-	-
		Little blue heron	General Distribution	C/-		Present													Apr-Aug	-	-	-
		Snowy 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
		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 (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					
		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					
		Lobster	American lobster	Nursery Area			Common													Jun-Nov	Jan-Dec	May-Aug	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	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	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																	-	-	-	-
		Passerine	Acadian flycatcher																	Jun-Jul	May-Jun	Aug-Sep	-
			American crow																	Mar-Aug	-	-	-
			American goldfinch																	Mar-Aug	-	-	-



BIRDS (continued)

Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	American robin													Mar-Aug	-	-	-
	Barn Swallow													Apr-Aug	-	-	-
	Blue jay													Apr-Aug	Mar-May	Sep-Oct	-
	Brown-headed cowbird													Mar-Aug	-	-	-
	Chimney swift													Jun-Jul	Apr-May	Aug-Sep	-
	Common grackle													Mar-Aug	-	-	-
	Common yellowthroat													Apr-Aug	-	-	-
	Eastern phoebe													May-Jul	Apr-May	Sep-Nov	-
	European starling													Mar-Aug	-	-	-
	Fish crow													Mar-Aug	-	-	-
	Gray catbird													Mar-Aug	-	-	-
	House finch													Mar-Aug	-	-	-
	House sparrow													Mar-Aug	-	-	-
	Marsh wren													Apr-Aug	-	-	-
	Mourning dove													Mar-Aug	-	-	-
	Northern cardinal													Mar-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	Greater yellowlegs													-	May-Jun	Sep-Oct	-
	Killdeer													Mar-Aug	-	-	-
	Least sandpiper													-	Apr-Jun	Aug-Oct	-
	Lesser yellowlegs													-	Apr-Jun	Aug-Oct	-
	Semipalmated plover													-	Apr-Jun	Sep-Nov	-
	Short-billed dowitcher													-	-	Aug-Oct	-
	Willet													Apr-Aug	-	-	-
 Wading	BC night-heron													Mar-Aug	-	-	-
	Clapper rail													Mar-Aug	-	-	-
	Great blue heron													Mar-Aug	-	-	-
	Virginia rail													Mar-Aug	-	-	-
 Waterfowl	American black duck													Apr-May	Mar-Apr	Sep-Nov	-
	Black scoter													-	-	-	-
	Bufflehead													-	Oct-Jun	-	-
	Canada goose													Mar-Aug	Jan-Dec	-	-
	Common goldeneye													-	Nov-Apr	-	-
	Gadwall													Jan-Dec	-	-	-
	Greater scaup													-	-	-	-
	Lesser scaup													-	-	-	-
	Long-tailed duck													-	-	-	-
	Mallard													Mar-Aug	-	-	-





BIRDS (continued)

Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	Mute swan													Mar-Sep	-	-	-
	Northern shoveler													-	-	-	-
	Red-breasted merganser													-	-	-	-
	Ring-necked duck													-	-	-	-
	Ruddy duck													-	-	-	-
	Surf scoter													-	-	-	-
	White-winged scoter													-	Sep-May	-	-


FISH

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
 Diadromous	Brown trout													Oct-Nov	Oct-Apr	Feb-May	Jan-Dec	Jan-Dec
 Freshwater	Bluegill													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Brook trout													Sep-Dec	Sep-Apr	Feb-May	Jan-Dec	Jan-Dec
	Brown bullhead													May-Jul	May-Jul	Jun-Aug	Jan-Dec	Jan-Dec
	Chain pickerel													Mar-May	Mar-May	Mar-May	Jan-Dec	Jan-Dec
	Largemouth bass													May-Jul	May-Jul	May-Jul	Jan-Dec	Jan-Dec
	Pumpkinseed													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Redbreast sunfish													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	White sucker													Apr-May	Apr-Jun	Apr-Jun	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	Eastern oyster													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Northern quahog													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Ribbed mussel													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Softshell clam													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
 Cephalopod	Longfin squid													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
 Crab	Blue crab													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Fiddler crab													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Horseshoe crab													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
	Lady crab													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Spider crabs													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
 Shrimp	Grass shrimp													May-Oct	May-Oct	May-Oct	May-Oct	Jan-Dec
	Mantis shrimp													Feb-May	Feb-May	Feb-May	Jan-Dec	Jan-Dec

MARINE MAMMALS

Subelement	Species	Monthly Presence												Mating	Calving	Pupping	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
 Dolphin	Bottlenose 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	1,303.63	2.04
	10B	Freshwater Marshes	58.82	0.09
	10C	Swamps	895.68	1.40
	10D	Scrub and Shrub Wetlands	64.00	0.10
	9A	Sheltered Tidal Flats	174.91	0.27
	7	Exposed Tidal Flats	17.40	0.03
	2A	Exposed Wave-Cut Platforms In Bedrock	23.32	0.04

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	173,945.11	108.08	29%
	10B	Freshwater Marshes	2,296.50	1.43	< 1%
	10C	Swamps	13,701.53	8.51	2%
	10D	Scrub and Shrub Wetlands	818.96	0.51	< 1%
	9A	Sheltered Tidal Flats	140,344.84	87.21	24%
	9B	Vegetated Low Banks	227,048.63	141.08	38%
	8A	Sheltered, Impermeable, Rocky Shores	212.86	0.13	< 1%
	8A	Sheltered Scarps (Bedrock/Mud/Clay)	39.52	0.02	< 1%
	8A	Sheltered, Impermeable, Rocky Shores	212.86	0.13	< 1%
	8A	Sheltered Scarps (Bedrock/Mud/Clay)	39.52	0.02	< 1%
	8B	Sheltered, Solid Man-Made Structures	2,874.30	1.79	< 1%
	8C	Sheltered Riprap	1,217.07	0.76	< 1%
	7	Exposed Tidal Flats	1,578.14	0.98	< 1%
	6A	Gravel Beaches	304.92	0.19	< 1%
	6B	Riprap	4,077.01	2.53	1%
	5	Mixed Sand and Gravel Beaches	1,951.48	1.21	< 1%
	4	Coarse Grained Sand Beaches	8,233.00	5.12	1%
	3A	Fine to Medium Grained Sand Beaches	201.34	0.13	< 1%
	2A	Exposed, Wave-Cut Platforms (Bedrock/Mud/Clay)	6,973.73	4.33	1%
	1A	Exposed, Rocky Shores	14.05	0.01	< 1%
	1B	Exposed, Solid Man-Made Structures	4,770.13	2.96	1%

Total ESI Shoreline:	590,603.11	Total ESI Shoreline:	366.98
Total Shoreline:	254,292.97	Total Shoreline:	158.01

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

