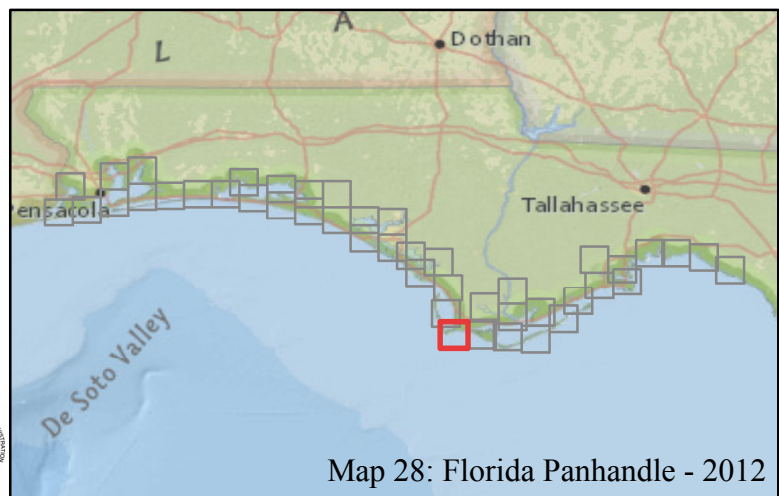


Cape San Blas, Florida










ESI Shoreline Habitats on Map


- 10A Salt- and brackish-water marshes
- 10B Freshwater marshes
- 10C Swamps
- 10D Scrub-shrub wetlands
- 9A Sheltered tidal flats
- 9B Vegetated low banks
- 7 Exposed tidal flats
- 6B Riprap
- 5 Mixed sand and gravel beaches
- 3A Fine- to medium-grained sand beaches







Cape San Blas, Florida

BIOLOGICAL RESOURCES


Birds																			
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	MIGRATING	MOLTING
 Diving	Brown pelican	C		-	X	X	X	X	X	X	X	X	X	X	X	X			
	Common loon			-	X	X	X	X							X	X			
 Gull/Tern	Black skimmer	C		-					X	X	X	X	X						
	Laughing gull			-	X	X	X	X	X	X	X	X	X	X	X	X			
	Least tern	T		-					X	X	X	X	X				Apr-Aug		
	Ring-billed gull			-	X	X	X	X	X	X	X	X	X	X	X	X			
 Pelagic	Northern gannet			-	X	X	X	X								X			
 Raptor	Bald eagle	C		-	X	X	X	X	X	X	X	X	X	X	X	Nov-Jun			
	Osprey			-	X	X	X	X	X	X	X	X	X	X	X				
	Peregrine falcon			-	X	X	X	X					X	X	X	X			
	Raptors			1000S								X	X	X	X				
 Shorebird	Black-bellied plover			-	X	X	X	X	X		X	X	X	X	X	X			
	Dunlin			-	X	X	X	X	X		X	X	X	X	X	X			
	Greater yellowlegs			-	X	X	X	X	X		X	X	X	X	X	X			
	Killdeer			-	X	X	X	X	X	X	X	X	X	X	X	X			
	Least sandpiper			-	X	X	X	X	X		X	X	X	X	X	X			
	Piping plover	T	T	-	X	X	X	X	X		X	X	X	X	X	X			
	Red knot			3-53-BIRDS	X	X	X	X	X	X	X	X	X	X	X	X			
	Ruddy turnstone			-	X	X	X	X		X	X	X	X	X	X	X			
	Sanderling			-	X	X	X	X	X		X	X	X	X	X	X			
	Semipalmated plover			-	X	X	X	X	X		X	X	X	X	X	X			
	Short-billed dowitcher			-	X	X	X	X	X	X	X	X	X	X	X	X			
	Snowy plover	T		-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Aug		
	Willet			-	X	X	X				X	X	X	X	X				
 Wading	Great egret	C		10	X	X	X	X	X	X	X	X	X	X	X	Jan-Jun			
	Snowy egret	C		1	X	X	X	X	X	X	X	X	X	X	X	Mar-Aug			
	Tricolored heron	C		1	X	X	X	X	X	X	X	X	X	X	X	Feb-Jul			
 Waterfowl	Redhead			36000-131000	X	X	X							X	X				

Fish																					
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	EGGS	LARVAE	JUVENILE	ADULT
 Diadromous	Alabama shad	C		PRESENT	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Gizzard shad			RARE	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Gulf sturgeon	T	T	RARE	X	X	X							X	X	X				Oct-Apr	Oct-Apr
	Striped bass			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec

Cape San Blas, Florida (continued)



Fish (continued)																					
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	EGGS	LARVAE	JUVENILE	ADULT
 Estuarine Nursery	Atlantic croaker			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Sep-Apr	Sep-Apr	Sep-Apr	Jan-Dec	Jan-Dec
	Atlantic sharpnose shark			ABUNDANT				X	X	X	X	X	X				May-Jul		Apr-Oct	Apr-Oct	Apr-Oct
	Bay anchovy			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Nov	Jan-Nov	Jan-Nov	Jan-Dec	Jan-Dec
	Black drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Apr	Nov-Apr	Dec-May	Jan-Dec	Jan-Dec
	Black sea bass			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Dec-Apr	Dec-Apr	Dec-May	Jan-Dec	Jan-Dec
	Bluefish			ABUNDANT			X	X	X	X	X	X	X	X	X	X	Sep-Jan*	Sep-Jan*	Sep-Jan*	Jan-Dec	Jan-Dec
	Bonnethead shark			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Nov		Aug-Sep	Oct-Jan*	Jul-May
	Bull shark			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Jun-Jul		Apr-Jun	Jan-Dec	Jan-Dec
	Gray snapper			RARE	X	X	X	X	X	X	X	X	X	X	X	X	Jun-Nov	Jun-Nov	Jun-Dec	Jan-Dec	Jan-Dec
	Grunts			RARE						X	X	X	X							Jun-Sep	
	Gulf flounder			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Feb	Nov-Feb	Nov-Mar	Jan-Dec	Jan-Dec
	Gulf menhaden			ABUNDANT				X	X	X	X	X	X				Oct-Mar	Oct-Mar	Oct-Apr	Apr-Feb	Jan-Dec
	Hardhead catfish			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Hogchoker			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Oct	Apr-Oct	Apr-Oct	Jan-Dec	Jan-Dec
	Kingfishes			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X				Apr-Dec	
	Ladyfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Nov	Jan-Nov	Jan-Dec	Jan-Dec	Jan-Dec
	Lane snapper			PRESENT						X	X	X	X	X	X	X	Sep-Jan*	Sep-Jan*	Sep-Jan*	Jun-Jan*	Sep-Jan*
	Mojarras			COMMON						X	X	X	X				Apr-Nov	Apr-Nov	Apr-Nov	Jun-Feb	Apr-Nov
	Pigfish			COMMON		X	X	X	X	X	X	X	X	X			Jan-May	Jan-May	Jan-Dec		Jan-May
	Pinfish			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Apr	Oct-Apr	Oct-Apr	Jan-Dec	Jan-Dec
	Porgy spp.			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Aug	Jan-Aug	Jan-Sep	Jan-Dec	Apr-Dec
	Red drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Sep-Dec	Sep-Dec	Sep-Jan	Jan-Dec	Jan-Dec
	Sand seatrout			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Sep	Mar-Sep	Mar-Oct	Jan-Dec	Jan-Dec
	Sheepshead			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Feb-Apr	Feb-Apr	Feb-Jul	Jan-Dec	Jan-Dec
	Silver mullet			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X				May-Oct	Jan-Dec
	Southern flounder			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Jan	Nov-Jan	Nov-Feb	Jan-Dec	Nov-Sep
	Spot			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Apr	Oct-Apr	Oct-Apr	Jan-Oct	Jan-Dec
	Spotted seatrout			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Dec	Apr-Sep	Apr-Oct	Jan-Dec	Jan-Dec
Striped mullet			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Mar	Oct-Mar	Oct-May	Jan-Dec	Jan-Dec	
Tarpon			COMMON	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jun-Aug	
 Estuarine Resident	Code goby			COMMON	X	X	X	X	X	X	X	X	X	X	X	Mar-Aug	Mar-Aug	Mar-Sep	Jan-Dec	Jan-Dec	
	Gulf killifish			COMMON	X	X	X	X	X	X	X	X	X	X	X	Apr-Aug	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec	
	Sheepshead minnow			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Apr-Sep	Apr-Oct	Apr-Oct	May-Jan	Jan-Dec	
	Silver perch			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Mar-Aug	Mar-Aug	Mar-Sep	Jan-Dec	Jan-Dec	
	Silversides			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	
	Smalltooth sawfish	E		PRESENT	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec	
 Fish	Vermillion snapper			COMMON			X	X	X	X	X	X	X	X	X	Apr-Nov	Apr-Nov	Apr-Nov	Apr-Nov	Apr-Nov	
 Marine Benthic	Atlantic spadefish			COMMON		X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Oct	Jan-Dec	Jan-Dec	
	Cusk eels			PRESENT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	
	Flatfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	
	Florida pompano			PRESENT			X	X	X	X	X					Mar-Oct	Mar-Oct	Mar-Sep	Mar-Nov	Apr-Sep	
	Gag grouper			ABUNDANT	X	X		X	X	X	X	X	X						May-Oct	Oct-Feb	
	Goatfishes			PRESENT	X	X	X	X	X	X	X	X	X	X	X	Mar-Jun	Mar-Jun	Mar-Jul	Jan-Dec	Jan-Dec	
	Gray triggerfish			PRESENT	X	X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov	
	Little tunny			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X						
	Lizardfishes			COMMON	X	X	X	X	X	X	X	X	X	X	X	Apr-Aug	Apr-Aug	Apr-Oct	Jan-Dec	Jan-Dec	
	Permit			PRESENT		X	X	X	X	X	X	X	X			Apr-Jun	Apr-Jun	Mar-Oct	Aug-Nov	Mar-Nov	
	Rays			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec		Jan-Dec	Jan-Dec	
	Red snapper			PRESENT	X	X	X	X	X	X	X	X	X	X	X	May-Oct	May-Oct	May-Nov	Apr-Jan	Apr-Jan	
	Rock sea bass			COMMON			X	X	X	X	X	X	X	X	X	Mar-Jun	Mar-Jun	Mar-Jul	Jan-Dec	Jan-Dec	
	Scamp grouper			ABUNDANT		X	X	X	X	X	X	X	X			Mar-May	Mar-May	Mar-Jun	Mar-Nov	Apr-Nov	
	Searobins			COMMON	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	
	Skates			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec		Jan-Dec	Jan-Dec	
Tonguefish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec		

Cape San Blas, Florida (continued)



Fish (continued)																						
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	EGGS	LARVAE	JUVENILE	ADULT	
 Marine Pelagic	Amberjacks			ABUNDANT					X	X	X	X	X	X	X	X	Apr-Nov	Apr-Nov	Apr-Dec	Apr-Dec	Apr-Dec	
	Atlantic tripletail			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Oct	Jan-Dec	Jan-Dec	
	Ballyhoo			PRESENT						X	X	X										
	Bigeye scad			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jun-Nov	Jun-Nov	Jun-Dec	Jan-Dec	Jan-Dec	
	Blackfin tuna			PRESENT				X	X	X	X	X	X	X	X	X	Apr-Dec	Apr-Dec	Apr-Dec	Apr-Dec	Oct	
	Blacknose shark			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Jul		May-Oct	May-Oct	Jan-Dec	
	Blacktip shark			PRESENT		X	X	X	X	X	X	X	X	X	X	X	May-Jun		May-Sep	Mar-Nov	Apr-Nov	
	Blue runner			COMMON					X	X	X	X	X	X			Apr-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec	
	Bluefin tuna	C		PRESENT				X	X	X							Apr-Jun	Apr-Jun	Apr-Jun	Apr-Jun	Apr-Jun	
	Cobia			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Sep	Mar-Nov	Mar-Nov	
	Crevalle jack			PRESENT		X	X	X	X	X	X	X	X	X	X	X	Apr-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec	
	Dolphin			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jul-Aug	
	Finetooth shark			-					X	X	X	X	X						May-Sep	May-Sep	May-Sep	
	King mackerel			COMMON					X	X	X	X	X	X			Jun-Oct	Jun-Oct	Jun-Oct	Jun-Nov	Jun-Nov	
	Red grouper			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul					Jan-Dec
	Round scad			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Sep-Jan*	Sep-Jan*	Sep-Jan*	Jan-Dec	Jan-Dec	
	Scalloped hammerhead			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	May-Jun		Apr-Oct	Jan-Dec	Apr-Nov	
	Spanish mackerel			ABUNDANT				X	X	X	X	X	X	X	X	X	May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec	
	Spanish sardine			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Nov	Mar-Nov	Mar-Nov	Jan-Dec	Jan-Dec	
	Spinner shark			-					X	X	X	X	X				May-Jun			Jun-Sep	May-Jun	
Thread herring			COMMON					X	X	X	X	X				Mar-Sep	Mar-Sep	Mar-Sep	Apr-Dec	Jan-Dec		
Wahoo			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec		

(*) = This life stage occurs during the months listed, but not continuously.



Habitats and Rare Plants

Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D
 Plant	Chapman's crownbeard	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Florida skullcap	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Florida waxweed	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Godfrey's butterwort	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Gulf Coast lupine	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Narrow-leaved phoebanthus	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Nightflowering wild petunia	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Panhandle spiderlily	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Pine-woods aster	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Pine-woods bluestem	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Spoon-leaved sundew	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Telephus spurge	E	T	-	X	X	X	X	X	X	X	X	X	X	X	X
	Thick-leaved water-willow	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	West's flax	E		-	X	X	X	X	X	X	X	X	X	X	X	X
 Wetland	Southern milkweed	T		-	X	X	X	X	X	X	X	X	X	X	X	

Marine Mammals


Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	MATING	CALVING	PUPPING	MOLTING
 Dolphin	Bottlenose dolphin			-	X	X	X	X	X	X	X	X	X	X	X	X				
	Rough-toothed dolphin			<100	X	X	X													
 Manatee	West Indian manatee	E	E	LOW			X	X	X	X	X	X	X	X	X					

Reptiles and Amphibians


Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	HATCHING	INTERESTING	JUVENILE	ADULT
 Alligator	American alligator		S	-	X	X	X	X	X	X	X	X	X	X	X	X	May-Jul	Aug-Sep			
 Snake	Apalachicola kingsnake			-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul	Jul-Aug			
	Gulf salt marsh snake			-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Apr	Jul-Aug			Jan-Dec

Cape San Blas, Florida (continued)















Reptiles and Amphibians (continued)

Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	HATCHING	INTERESTING	JUVENILE	ADULT
 Turtle	Diamondback terrapin			-			X	X	X	X	X	X	X	X	X	X	Apr-Jun	Aug-Sep			
	Gopher tortoise	T		-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Dec				
	Green sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X	Jun-Aug	Aug-Nov	May-Nov	Jan-Dec	Jan-Dec
	Hawksbill sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Kemp's ridley sea turtle	E	E	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Leatherback sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X	Jul	Oct		Jan-Dec	Jan-Dec
	Loggerhead sea turtle	T	T	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Aug	Jul-Nov	Apr-Sep	Jan-Dec	Jan-Dec

Terrestrial Mammals

Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D
 Small Mammal	St. Andrews beach mouse	E	E	-	X	X	X	X	X	X	X	X	X	X	X	X

Human Use Resources

Icon	Type	Name	Contact	Phone
	Wildlife Refuge	St. Vincent National Wildlife Refuge	USFWS	
	Recreational Fishing	Shellfish Harvesting Area		
	Management Area	Apalachicola River And Bay Swim	NWFWM D SWIM	850/539-5999
	Management Area	St. Andrew Bay Watershed Swim	NWFWM D SWIM	850/539-5999
	Management Area	St. Joseph Bay Aquatic Preserve		850/670-4783
	Management Area	St. Joseph Bay State Buffer Preserve	MATT GREENE	850/229-1787
	Historical Site	Historic Property	FL SHPO	850/245-6440
	Critical Habitat	Gulf Sturgeon Critical Habitat	FWRI	
	Critical Habitat	Piping Plover Critical Habitat	USFWS	
	Critical Habitat	St. Andrews Beach Mouse Critical Habitat	USFWS	
	Beach	Cape San Blas Afb		
	Beach	Indian Pass		
	Beach	Salinas Park		
	Access	Access		











SHORELINE RESOURCES:

ESI Polygon Habitats

Pattern	ESI Rank	Habitat	Area (meters ²)
	10A	Salt- and brackish-water marshes	4,031,657
	10B	Freshwater marshes	2,764,934
	10C	Swamps	4,512,486
	10D	Scrub-shrub wetlands	8,503,753
	9A	Sheltered tidal flats	215,623
	7	Exposed tidal flats	18,339,866

Cape San Blas, Florida (continued)

Shoreline Types (Length of ESI Shoreline on Map = 80,204 meters ; Length of Shoreline on Map = 74,919 meters)

Color	ESI Rank	Shoreline Habitat	Length (meters)	% of ESI Shoreline
	10A	Salt- and brackish-water marshes	57,553	71
	10B	Freshwater marshes	4	<1
	10C	Swamps	730	<1
	10D	Scrub-shrub wetlands	2,012	2
	9A	Sheltered tidal flats	17,101	21
	9B	Vegetated low banks	243	<1
	7	Exposed tidal flats	39,867	49
	6B	Riprap	431	<1
	5	Mixed sand and gravel beaches	5,271	6
	3A	Fine- to medium-grained sand beaches	20,377	25

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



Content from Florida Panhandle - 2012 ESI Atlas