

**Appendix P. Level of Available EFH Information for Species Managed by the SAFMC.**

North: North Carolina/Virginia Border to Cape Canaveral; South: Cape Canaveral to Dry Tortugas. Level 1 - geographic presence/absence data available; Level 2 - habitat-specific densities available; Level 3 - growth, reproduction, survival rates available; Level 4 - production rates available.

FMP/Common Name	Scientific Name	North	South
<b>Shrimp FMP</b>			
Brown shrimp	<i>Penaeus aztecus</i>	1	1
Pink shrimp	<i>Penaeus duorarum</i>	1	1,3
Rock shrimp	<i>Sicyonia brevirostris</i>	1	1
Royal red shrimp	<i>Pleoticus robustus</i>	1	1
Seabob shrimp	<i>Xiphopenaeus kroyeri</i>	1	1
White shrimp	<i>Penaeus setiferus</i>	1	1, 3
<b>Red Drum FMP</b>			
Red drum	<i>Sciaenops ocellatus</i>	1	1,2,3
<b>Snapper Grouper FMP</b>			
Triggerfishes	Balistidae		
Gray triggerfish	<i>Balistes capriscus</i>	1	1
Queen triggerfish	<i>Balistes vetula</i>	1	1
Ocean triggerfish	<i>Canthidermis sufflamen</i>	1	1
Jacks	Carangidae		
Yellow jack	<i>Caranx bartholomaei</i>	1	1
Blue runner	<i>Caranx crysos</i>	1	1
Crevalle jack	<i>Caranx hippos</i>	1	1
Bar jack	<i>Caranx ruber</i>	1	1
Greater amberjack	<i>Seriola dumerili</i>	1, 3	1, 3
Lesser amberjack	<i>Seriola fasciata</i>	1	1
Almaco jack	<i>Seriola rivoliana</i>	1	1
Banded rudderfish	<i>Seriola zonata</i>	1	1
Spadefish	Ephippidae		
Spadefish	<i>Chaetodipterus faber</i>	1	1
Grunts	Haemulidae		
Black margate	<i>Anisotremus surinamensis</i>	1	1,2,3
Porkfish	<i>Anisotremus virginicus</i>	1	1,2,3
Margate	<i>Haemulon album</i>	1	1
Tomtate	<i>Haemulon aurolineatum</i>	1	1
Smallmouth grunt	<i>Haemulon chrysargyreum</i>	1	1,3
French grunt	<i>Haemulon flavolineatum</i>	1	1
Spanish grunt	<i>Haemulon macrostomum</i>	1	1,3
Cottonwick	<i>Haemulon melanurum</i>	1	1
Sailors choice	<i>Haemulon parra</i>	1	1,3

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White grunt	<i>Haemulon plumieri</i>	1,3	1,3
Blue stripe grunt	<i>Haemulon sciurus</i>	1	1,3
Wrasses	Labridae		
Hogfish	<i>Lachnolaimus maximus</i>	1	1
Puddingwife	<i>Halichoeres radiatus</i>	1	1
Snappers	Lutjanidae		
Black snapper	<i>Apsilus dentatus</i>	1	1
Queen snapper	<i>Etelis oculatus</i>	1	1
Mutton snapper	<i>Lutjanus analis</i>	1	1,3
Schoolmaster	<i>Lutjanus apodus</i>	1	1,3
Blackfin Snapper	<i>Lutjanus buccanella</i>	1	1
Red snapper	<i>Lutjanus campechanus</i>	1	1
Cubera snapper	<i>Lutjanus cyanopterus</i>	1	1
Gray snapper	<i>Lutjanus griseus</i>	1	1,3
Mahogany snapper	<i>Lutjanus mahogoni</i>	1	1,3
Dog snapper	<i>Lutjanus jocu</i>	1	1
Lane snapper	<i>Lutjanus synagris</i>	1	1
Silk snapper	<i>Lutjanus vivanus</i>	1	1
Yellowtail snapper	<i>Ocyurus chrysurus</i>	1,3	1,3
Vermillion snapper	<i>Rhomboplites aurorubens</i>	1,3	1
Tilefish	Malacanthidae		
Blueline tilefish	<i>Caulolatilus microps</i>	1	1
Golden tilefish	<i>Lopholatilus chamaeleonticeps</i>	1	1
Sand tilefish	<i>Malacanthus plumieri</i>	1	1
Temperate basses	Percichthyidae		
Wreckfish	<i>Polyprion americanus</i>	1	1
Groupers	Serranidae		
Bank sea bass	<i>Centropistis ocyurus</i>	1	1
Rock sea bass	<i>Centropistis philadelphica</i>	1	1
Black sea bass	<i>Centropristis striata</i>	1,2,3	1
Rock hind	<i>Epinephelus adscensionis</i>	1	1
Grasyby	<i>Epinephelus cruentatus</i>	1	1
Speckled hind	<i>Epinephelus drummondhayi</i>	1	1
Yellowedge grouper	<i>Epinephelus flavolimbatus</i>	1	1
Coney	<i>Epinephelus fulvus</i>	1	1
Red hind	<i>Epinephelus guttatus</i>	1	1
Jewfish	<i>Epinephelus itajara</i>	1	1,3
Red grouper	<i>Epinephelus morio</i>	1	1
Misty grouper	<i>Epinephelus mystacinus</i>	1	1
Warsaw grouper	<i>Epinephelus nigritus</i>	1	1
Snowy grouper	<i>Epinephelus niveatus</i>	1	1
Nassau grouper	<i>Epinephelus striatus</i>	1	1
Black grouper	<i>Mycteroperca bonaci</i>	1	1
Yellowmouth grouper	<i>Mycteroperca interstitialis</i>	1	1
Gag	<i>Mycteroperca microepis</i>	1,2,3	1
Scamp	<i>Mycteroperca phenax</i>	1,3	1
Tiger grouper	<i>Mycteroperca tigris</i>	1	1
Yellowfin grouper	<i>Mycteroperca venenosa</i>	1	1
Porgies	Sparidae		
Sheepshead	<i>Archosargus probatocephalus</i>	1	1
Grass porgy	<i>Calamus arctifrons</i>	1	1

Jolthead porgy	<i>Calamus bajonado</i>	1	1
Saucereye porgy	<i>Calamus calamus</i>	1	1
Whitebone porgy	<i>Calamus leucosteus</i>	1	1
Knobbed porgy	<i>Calamus nodosus</i>	1	1
Red porgy	<i>Pagrus pagrus</i>	1,2,3	1
Longspine porgy	<i>Stenotomus caprinus</i>	1	1
Scup	<i>Stenotomus chrysops</i>	1	1
<b>Coastal Migratory Pelagics FMP</b>			
Mackerel	Scombridae		
Cero	<i>Scomberomorus regalis</i>	1	1
King mackerel	<i>Scomberomorus cavalla</i>	1,3	1,3
Spanish mackerel	<i>Scomberomorus maculatus</i>	1,3	1,3
Dolphin	<i>Coryphaena hippurus</i>	1	1,3
Little tunny	<i>Euthynnus alletteratus</i>	1	1
<b>Golden Crab FMP</b>			
Golden crab	<i>Chaeceon fenneri</i>	1	1,2,3
<b>Spiny Lobster FMP</b>			
Spiny lobster	<i>Panulirus argus</i>	1	1,3
<b>Coral, Coral Reefs, and Live Hard Bottom Habitat FMP</b>			
Scleractinia	stony coral	1	1,2,3
Antipatharia	black coral	1	1
<b>Calico Scallop FMP</b>			
Calico Scallop	<i>Agopecten gibbus</i>	1	1
<b>Sargassum Habitat FMP</b>			
Sargassum	<i>Sargassum natans &amp; Sargassum fluitans</i>	1	1, 3

