

COMMERCIALLY VALUABLE

Coral Reef Fish

The coral reef finfish account for the largest catch category in Jamaica's Fisheries. The listing and notes were sourced from the Jamaica National Marine Fisheries Atlas (2000) in which the coral reef finfish landings are divided into three market categories based on value and three other groups based on taxonomic family. The three market categories are quality fish, common fish and trash fish. The other three groups are snappers, barracudas and groupers.

MARKET CATEGORY: QUALITY FISH

Quality fish are the most valuable of the three categories of mixed reef fish

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME
Haemulidae (Grunts)	<i>Haemulon album</i>	White Margate
Labridae (Wrasses)	<i>Bodianus rufus</i>	Spanish Hogfish
	<i>Halichoeres garnoti</i>	Yellowhead Wrasse
	<i>Halichoeres radiatus</i>	Puddingwife
	<i>Lachnolaimus maximus</i>	Hogfish
Mugilidae (Mulletts)	<i>Mugil cephalus</i>	Stripe Mullet
	<i>Mugil curema</i>	White Mullet
Mullidae (Goatfishes)	<i>Mulloidichthys artinicus</i>	Yellow Goatfish
	<i>Pseudupeneus aculatus</i>	Spotted Goatfish
Priacanthidae (Bigeyes)	<i>Priacanthus cruentatus</i>	Glassey

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME
Scaridae (Parrotfishes)	<i>Scarus coelestinus</i>	Midnight Parrotfish
	<i>Scarus coeruleus</i>	Blue Parrotfish
	<i>Scarus taeniopterus</i>	Princess Parrotfish
	<i>Scarus vetula</i>	Queen Parrotfish
	<i>Sparisoma chrysopteron</i>	Redtail Parrotfish
	<i>Sparisoma rubripinne</i>	Redfin Parrotfish
	<i>Sparisoma viridae</i>	Stoptlight Parrotfish
Serranidae (Groupers and Seabasses)	<i>Alphesthes after</i>	Mutton Hamlet
	<i>Cephalopholis cruentata</i>	Grasby Seabass
	<i>Cephalopholis fulva</i>	Coney Seabass
	<i>Epinephelus adscensionis</i>	Rock Hind
	<i>Epinephelus guttatus</i>	Red Hind
	<i>Epinephelus striatus</i>	Nassau Grouper
	<i>Hypoplectrus indigo</i>	Indigo Hamlet
	<i>Mycteroperca bonaci</i>	Black Grouper
Sparidae (Porgies and Seabreams)	<i>Calamus calamus</i>	Saucereye Porgy
Sphyraenidae (Barracudas and Sennets)	<i>Sphyraena picudilla</i>	Southern Sennet

MARKET CATEGORY: COMMON FISH

Common fish are intermediate in value.

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME
Centropomidae (Snooks)	<i>Centropomus pectinatus</i>	Tarpon Snook
	<i>Centropomus undecimalis</i>	Common Snook
Haemulidae (Grunts)	<i>Anisotremus virginicus</i>	Porkfish
	<i>Haemulon bonariense</i>	Black Grunt
	<i>Haemulon carbonarium</i>	Caesar Grunt
	<i>Haemulon chrysargyreum</i>	Smallmouth Grunt
	<i>Haemulon flavolineatum</i>	French Grunt
	<i>Haemulon macrostomum</i>	Spanish Grunt
	<i>Haemulon parrai</i>	Sailor's Grunt
	<i>Haemulon plumieri</i>	White Grunt
	<i>Haemulon sciurus</i>	Bluestriped Grunt
	<i>Haemulon striatum</i>	Striped Grunt
Kyphosidae (Sea chubs)	<i>Kyphosus sectatrix</i>	Bermuda Sea chub
Lobotidae (Tripletails)	<i>Lobotes surinamensis</i>	Atlantic Tripletail
Scaridae (Parrotfishes)	<i>Sparisoma aurofrenatum</i>	Redband Parrotfish
Sciaenidae (Drums)	<i>Bairdiella ronchus</i>	Ground Croaker
	<i>Equetus punctatus</i>	Spotted Drum

MARKET CATEGORY: TRASH FISH

Trash reef fish refers to the lowest price class of reef fish and, unlike many fisheries in other countries, does not imply that they are discarded. The trash species are a very diverse category which includes many of the highly visible and colourful reef fish of interest to divers and other tourists.

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME
Acanthuridae (Surgeonfishes)	<i>Acanthurus bahianus</i> <i>Acanthurus chirurgus</i> <i>Acanthurus coeruleus</i>	Ocean surgeon Doctorfish Blue tang surgeonfish
Albulidae (Bonefishes)	<i>Albula vulpes</i> <i>Ariidae Sea</i>	Bonefish Catfishes
Balistidae (Triggerfishes)	<i>Balistes capriscus</i> <i>Balistes vetula</i> <i>Canthidermis sufflamen</i> <i>Melichthys niger</i>	Grey Triggerfish Queen Triggerfish Ocean Triggerfish Black Durgon
Bothidae (Flounders, Lefteye)		
Chaetodontidae (Butterflyfishes)	<i>Chaetodon striatus</i> <i>Chaetodon capistratus</i> <i>Chaetodon ocellatus</i>	Banded Butterflyfish Foureyeye Butterflyfish Spotfin Butterflyfish
Congridae (Conger eels)		
Diodontidae (Porcupinefishes)	<i>Diodon hystix</i>	Porcupinefish
Echeneididae (Remoras)	<i>Echeneis naucrates</i>	Sharksucker

**MARKET CATEGORY: TRASH FISH
CONTINUED**

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME
Ephippidae (Spadefishes)	<i>Chaetodipterus faber</i>	Atlantic Spadefish
Exocoetidae (Flyingfishes)		
Grammistidae (Soapfishes)	<i>Rypticus saponaceus</i>	Greater Soapfish
Holocentridae (Squirrelfishes)	<i>Holocentrus adscensionis</i> <i>Holocentrus rufus</i> <i>Myripristis jacobus</i>	Squirrelfish Longspine Squirrelfish Blackbar soldierfish
Labridae (Wrasses)	<i>Clepticus parrai</i> <i>Halichoeres garnoti</i>	Creole Wrasse Yellowhead Wrasse
Malacanthidae (Tilefishes)	<i>Malacanthus plumieri</i>	Sand Tilefish
Monacanthidae (Filefishes)	<i>Aluterus scriptus</i> <i>Cantherhines macrocerus</i> <i>Cantherhines pullus</i>	Scrawled Filefish Whitespotted Filefish Orangespotted Filefish
Muraenidae (Morays)	<i>Gymnothorax funebris</i> <i>Gymnothorax moringa</i> <i>Gymnothorax vicinus</i> <i>Muraena miliaris</i>	Green Moray Spotted Moray Purplemouth Moray Goldentail Moray
Ophichthidae (Snake eels)		
Ostraciidae (Boxfishes)	<i>Lactophrys bicaudalis</i> <i>Lactophrys polygonius</i> <i>Lactophrys quadricornis</i> <i>Lactophrys trigonus</i> <i>Lactophrys triqueter</i>	Spotted Trunkfish Honeycomb Cowfish Scrawled Cowfish Buffalo Trunkfish Smooth Trunkfish

**MARKET CATEGORY: TRASH FISH
CONTINUED**

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME
Pomacanthidae (Angelfishes)	<i>Holacanthus bermudensis</i> <i>Holocanthus ciliaris</i> <i>Holacanthus tricolor</i> <i>Pomacanthus arcuatus</i> <i>Pomacanthus paru</i>	Blue Angelfish Queen Angelfish Rock beauty Gray Angelfish French Angelfish
Pleuronectidae (Flounders, Righteye)		
Pomacentridae (Damsel­fishes)	<i>Abudefduf saxatilis</i> <i>Abudefduf taurus</i> <i>Microspathodon chrysurus</i>	Sergeant major Night Sergeant Yellowtail Damsel­fish
Scaridae (Parrotfish)	<i>Scarus croicensis</i>	Striped Parrotfish
Scorpaenidae (Scorpionfishes)	<i>Scorpaenodes caribbaeus</i>	Reef Scorpionfish
Sparidae (Porgies and Seabreams)	<i>Archosargus rhomboidalis</i>	Western atlantic seabream
Synodontidae (Lizardfishes)	<i>Synodus intermedius</i>	Sand diver

CATEGORY: SNAPPER

Having higher prices than any of the three mixed species categories, snappers are separated and marketed individually.

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME
Lutjanidae (Snappers)	<i>Apsilus dentatus</i>	Black Snapper
	<i>Lutjanus analis</i>	Mutton Snapper
	<i>Lutjanus apodus</i>	Schoolmaster
	<i>Lutjanus campechanus</i>	Red Snapper
	<i>Lutjanus griseus</i>	Grey Snapper
	<i>Lutjanus jocu</i>	Dog Snapper
	<i>Lutjanus mahogoni</i>	Mahogany Snapper
	<i>Lutjanus synagris</i>	Lane Snapper
	<i>Lutjanus vivanus</i>	Silk Snapper
	<i>Ocyurus chrysurus</i>	Yellowtail Snapper
	<i>Pristipomoides aquilonaris</i>	Wenchman

CATEGORY: BARRACUDA

The great barracuda is a large reef predator, feeding on many species of reef fish.

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME
Sphyraenidae (Barracudas and Sennets)	<i>Sphyraena barracuda</i>	Great Barracuda

N.B. Large groupers are only found on the deep slope now, although they were historically part of the coral reef fisheries. The large groupers have become very rare in the coral reef catches because of fishing pressure.

SOURCE

CFRAMP 2000. Jamaica National Marine Fisheries Atlas.
CARICOM Fishery Report No. 4 : 53 p
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CITATION

Institute of Jamaica - Natural History Museum of Jamaica. 2020. "Coral Reef fish". Jamaica Clearing-House Mechanism. <https://jamaicachm.org.jm/CHM/wp-content/uploads/2020/09/Fin Fish/Coral-Reef-Fish.pdf> (accessed Month Day Year).