

**Table A. Summary of Stock Status for FSSI Stocks**

FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy	Official FSSI Score
Atlantic Herring	Atlantic herring - Northwestern Atlantic Coast	NEFMC	No <sup>1</sup>	No <sup>1</sup>	No	N/A	N/A	0.97	4
Atlantic Sea Scallop	Sea scallop - Northwestern Atlantic Coast	NEFMC	No	No	No	N/A	N/A	1.53	4
Deep-Sea Red Crab	Red deepsea crab - Northwestern Atlantic	NEFMC	No <sup>2</sup>	Unknown	Unknown	N/A	N/A	not estimated	1.5
Northeast Multispecies	Acadian redfish - Gulf of Maine / Georges Bank	NEFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 7 of 47-year plan	0.64	3
Northeast Multispecies	American plaice - Gulf of Maine / Georges Bank	NEFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 7 of 10-year plan	0.51	3
Northeast Multispecies	Atlantic cod - Georges Bank	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 7 of 22-year plan	0.12	1
Northeast Multispecies	Atlantic cod - Gulf of Maine	NEFMC	Yes	No - Rebuilding	No	Reduce Mortality, Continue Rebuilding	Year 7 of 10-year plan	0.58	2
Northeast Multispecies	Atlantic halibut - Northwestern Atlantic Coast	NEFMC	No	Yes	N/A	Continue Rebuilding	Year 7 of 52-year plan	0.03	2
Northeast Multispecies	Haddock - Georges Bank	NEFMC	No	No	No	N/A	N/A	1.99	4
Northeast Multispecies	Haddock - Gulf of Maine	NEFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 7 of 10-year plan	0.99	3
Northeast Multispecies	Ocean pout - Northwestern Atlantic Coast	NEFMC	No	Yes	N/A	Continue Rebuilding	Year 7 of 10-year plan	0.10	2
Northeast Multispecies	Offshore hake - Northwestern Atlantic Coast	NEFMC	Undefined	No	Unknown	N/A	N/A	not estimated	1.5
Northeast Multispecies	Pollock - Gulf of Maine / Georges Bank	NEFMC	No	Rebuilt	No	N/A	Rebuilt	2.15	4
Northeast Multispecies	Red hake - Gulf of Maine / Northern Georges Bank	NEFMC	Unknown	No	No	N/A	N/A	1.94	2.5
Northeast Multispecies	Red hake - Southern Georges Bank / Mid-Atlantic	NEFMC	Undefined	No	Unknown	N/A	N/A	0.83	2.5
Northeast Multispecies	Silver hake - Gulf of Maine / Northern Georges Bank	NEFMC	No	No	No	N/A	N/A	0.51	3

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Northeast Multispecies	Silver hake - Southern Georges Bank / Mid-Atlantic	NEFMC	No	No	No	N/A	N/A	0.81	4
Northeast Multispecies	White hake - Gulf of Maine / Georges Bank	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 7 of 10-year plan	0.35	1
Northeast Multispecies	Windowpane - Gulf of Maine / Georges Bank	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 1 of 7-year plan	0.17	1
Northeast Multispecies	Windowpane - Southern New England / Mid-Atlantic	NEFMC	Yes	No - Rebuilding	No	Reduce Mortality, Continue Rebuilding	Year 7 of 10-year plan	0.56	2
Northeast Multispecies	Winter flounder - Georges Bank	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 1 of 7-year plan	0.31	1
Northeast Multispecies	Winter flounder - Gulf of Maine	NEFMC	Unknown <sup>3</sup>	Unknown <sup>3</sup>	Unknown	N/A	N/A	not estimated	0
Northeast Multispecies	Winter flounder - Southern New England / Mid-Atlantic	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 7 of 10-year plan	0.09	1
Northeast Multispecies	Witch flounder - Northwestern Atlantic Coast	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 1 of 7-year plan	0.30	1
Northeast Multispecies	Yellowtail flounder - Cape Cod / Gulf of Maine	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 7 of 19-year plan	0.25	1
Northeast Multispecies	Yellowtail flounder - Georges Bank	NEFMC	No	Yes	N/A	Continue Rebuilding	Year 5 of 7-year plan	0.32	2
Northeast Multispecies	Yellowtail flounder - Southern New England / Mid-Atlantic	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 7 of 10-year plan	0.13	1
Northeast Skate Complex	Barndoor skate - Georges Bank / Southern New England	NEFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 7 of plan <sup>4</sup>	0.62	3
Northeast Skate Complex	Clearnose skate - Southern New England / Mid-Atlantic	NEFMC	No	No	No	N/A	N/A	1.35	4
Northeast Skate Complex	Little skate - Georges Bank / Southern New England	NEFMC	No	No	No	N/A	N/A	0.72	3
Northeast Skate Complex	Rosette skate - Southern New England / Mid-Atlantic	NEFMC	No	No	No	N/A	N/A	1.08	4

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Northeast Skate Complex	Smooth skate - Gulf of Maine	NEFMC	No	Yes	N/A	Continue Rebuilding	Year 1 of 10-year plan	0.45	2
Northeast Skate Complex	Thorny skate - Gulf of Maine	NEFMC	No	Yes	N/A	Continue Rebuilding	Year 7 of 25-year plan	0.10	2
Northeast Skate Complex	Winter skate - Georges Bank / Southern New England	NEFMC	No	No	No	N/A	N/A <sup>5</sup>	0.93	4
Monkfish	Monkfish - Gulf of Maine / Northern Georges Bank	NEFMC / MAFMC	No	No	No	N/A	N/A	1.29	4
Monkfish	Monkfish - Southern Georges Bank / Mid-Atlantic	NEFMC / MAFMC	No	No	No	N/A	N/A	1.11	4
Spiny Dogfish	Spiny dogfish - Atlantic Coast	NEFMC / MAFMC	No	No	No	N/A	N/A	1.03	4
Atlantic Mackerel, Squid and Butterfish	Atlantic mackerel - Gulf of Maine / Cape Hatteras	MAFMC	No <sup>6</sup>	No <sup>6</sup>	No	N/A	N/A	3.57	4
Atlantic Mackerel, Squid and Butterfish	Butterfish - Gulf of Maine / Cape Hatteras	MAFMC	No	Yes <sup>7</sup>	N/A	Continue Rebuilding	Year 1 of 4-year plan	0.38	2
Atlantic Mackerel, Squid and Butterfish	Longfin inshore squid - Georges Bank / Cape Hatteras	MAFMC	No	No	No	N/A	N/A	not estimated	3
Atlantic Mackerel, Squid and Butterfish	Northern shortfin squid - Northwestern Atlantic Coast	MAFMC	No <sup>8</sup>	Unknown	Unknown	N/A	N/A	not estimated	1.5
Atlantic Surfclam and Ocean Quahog	Atlantic surfclam - Mid-Atlantic Coast	MAFMC	No	No	No	N/A	N/A	1.62	4
Atlantic Surfclam and Ocean Quahog	Ocean quahog - Atlantic Coast	MAFMC	No	No	No	N/A	N/A	1.62	4
Bluefish	Bluefish - Atlantic Coast	MAFMC	No	No	No	N/A	N/A	1.06	4
Summer Flounder, Scup and Black Sea Bass	Black sea bass - Mid-Atlantic Coast	MAFMC	No	No	No	N/A	N/A	1.03	4
Summer Flounder, Scup and Black Sea Bass	Scup - Atlantic Coast	MAFMC	No	No	No	N/A	N/A	2.04	4
Summer Flounder, Scup and Black Sea Bass	Summer flounder - Mid-Atlantic Coast	MAFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 11 of 13-year plan	0.77	3
Tilefish	Tilefish - Mid-Atlantic Coast	MAFMC	No	No - Rebuilding <sup>9</sup>	No	Continue Rebuilding	Year 10 of 10-year plan	1.04	3
Shrimp Fishery of the South Atlantic Region	Brown rock shrimp - Southern Atlantic Coast	SAFMC	No	No	No	N/A	N/A	not estimated	3

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Shrimp Fishery of the South Atlantic Region	Brown shrimp - Southern Atlantic Coast	SAFMC	No	No	No	N/A	N/A	4.79	4
Shrimp Fishery of the South Atlantic Region	Pink shrimp - Southern Atlantic Coast	SAFMC	No	Yes <sup>10</sup>	N/A	Not required <sup>10</sup>	N/A	0.64	2
Shrimp Fishery of the South Atlantic Region	White shrimp - Southern Atlantic Coast	SAFMC	No	No	No	N/A	N/A	5.51	4
Snapper-Grouper Fishery of the South Atlantic Region	Black grouper - Southern Atlantic Coast	SAFMC	No	No	No	N/A	N/A	1.4	4
Snapper-Grouper Fishery of the South Atlantic Region	Black sea bass - Southern Atlantic Coast	SAFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 5 of 10-year plan	0.27	1
Snapper-Grouper Fishery of the South Atlantic Region	Gag - Southern Atlantic Coast	SAFMC	Yes	No	Yes	Reduce Mortality	N/A	0.94	3
Snapper-Grouper Fishery of the South Atlantic Region	Gray triggerfish - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A	not estimated	1.5
Snapper-Grouper Fishery of the South Atlantic Region	Greater amberjack - Southern Atlantic Coast	SAFMC	No	No	No	N/A	N/A	1.10	4
Snapper-Grouper Fishery of the South Atlantic Region	Hogfish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Snapper-Grouper Fishery of the South Atlantic Region	Red grouper - Southern Atlantic Coast	SAFMC	Yes	Yes	N/A	Reduce Mortality Develop Rebuilding Plan	Develop rebuilding plan <sup>11</sup>	0.79	1
Snapper-Grouper Fishery of the South Atlantic Region	Red porgy - Southern Atlantic Coast	SAFMC	No	Yes	N/A	Continue Rebuilding	Year 11 of 18-year plan <sup>12</sup>	0.66	2
Snapper-Grouper Fishery of the South Atlantic Region	Red snapper - Southern Atlantic Coast	SAFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 1 of 35-year plan	0.03	1
Snapper-Grouper Fishery of the South Atlantic Region	Scamp - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A	not estimated	1.5

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Snapper-Grouper Fishery of the South Atlantic Region	Snowy grouper - Southern Atlantic Coast	SAFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 5 of 34-year plan	0.18	1
Snapper-Grouper Fishery of the South Atlantic Region	Speckled hind - Southern Atlantic Coast	SAFMC	Yes	Unknown	Unknown	Reduce Mortality	N/A	not estimated	0.5
Snapper-Grouper Fishery of the South Atlantic Region	Tilefish - Southern Atlantic Coast	SAFMC	Yes	No	No	Reduce Mortality	N/A	0.95	3
Snapper-Grouper Fishery of the South Atlantic Region	Vermilion snapper - Southern Atlantic Coast	SAFMC	Yes	No	No	Reduce Mortality	N/A	0.86	3
Snapper-Grouper Fishery of the South Atlantic Region	Warsaw grouper - Southern Atlantic Coast	SAFMC	Yes	Unknown	Unknown	Reduce Mortality	N/A	not estimated	0.5
Snapper-Grouper Fishery of the South Atlantic Region	White grunt - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A	not estimated	1.5
Snapper-Grouper Fishery of the South Atlantic Region	Wreckfish - Southern Atlantic Coast	SAFMC	No	Unknown <sup>13</sup>	Unknown	N/A	N/A	not estimated	1.5
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Cobia - Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A	1.33	4
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	King mackerel - Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A	1.24	4
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	King mackerel - Southern Atlantic Coast	SAFMC / GMFMC	No	No	No	N/A	N/A	1.12	4
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Little tunny - Gulf of Mexico	SAFMC / GMFMC	No	Undefined	Unknown	N/A	N/A	not estimated	1.5

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Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish mackerel - Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A	1.34	4
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish mackerel - Southern Atlantic Coast	SAFMC / GMFMC	No	No <sup>14</sup>	No	N/A	N/A	1.78	4
Dolphin and Wahoo Fishery of the Atlantic / Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Dolphinfish - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A	1.56	4
Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico	Goliath grouper - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	No	Unknown	Unknown	N/A	N/A	not estimated	1.5
Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico	Yellowtail snapper - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A	1.21	4
Spiny Lobster in the Gulf of Mexico and South Atlantic	Caribbean spiny lobster - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	No	Unknown	Unknown	N/A	N/A	not estimated	1.5
Red Drum Fishery of the Gulf of Mexico	Red drum - Gulf of Mexico	GMFMC	No	Undefined	Unknown	N/A	N/A	not estimated	1.5
Reef Fish Resources of the Gulf of Mexico	Black grouper - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	1.4	4
Reef Fish Resources of the Gulf of Mexico	Gag - Gulf of Mexico	GMFMC	Yes	Yes	N/A	Reduce Mortality Develop Rebuilding Plan	Develop rebuilding plan <sup>15</sup>	0.40	1
Reef Fish Resources of the Gulf of Mexico	Gray triggerfish - Gulf of Mexico	GMFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 3 of 6-year plan	0.64	1

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Reef Fish Resources of the Gulf of Mexico	Greater amberjack - Gulf of Mexico	GMFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 8 of 10-year plan	0.48	1
Reef Fish Resources of the Gulf of Mexico	Hogfish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A	not estimated	0
Reef Fish Resources of the Gulf of Mexico	Nassau grouper - Gulf of Mexico	GMFMC	No <sup>16</sup>	Undefined	Unknown	N/A	N/A	not estimated	1.5
Reef Fish Resources of the Gulf of Mexico	Red grouper - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	0.86	4
Reef Fish Resources of the Gulf of Mexico	Red snapper - Gulf of Mexico	GMFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 10 of 32-year plan	0.18	1
Reef Fish Resources of the Gulf of Mexico	Snowy grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A	not estimated	0
Reef Fish Resources of the Gulf of Mexico	Vermilion snapper - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	1.53	4
Reef Fish Resources of the Gulf of Mexico	Yellowedge grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A	not estimated	0
Shrimp Fishery of the Gulf of Mexico	Brown shrimp - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	4.09	4
Shrimp Fishery of the Gulf of Mexico	Pink shrimp - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	15.10	3
Shrimp Fishery of the Gulf of Mexico	Royal red shrimp - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	0.58	3
Shrimp Fishery of the Gulf of Mexico	White shrimp - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	8.21	4
Stone Crab Fishery of the Gulf of Mexico	Stone crabs (Menippe spp.) - Gulf of Mexico	GMFMC	No	Undefined	Unknown	N/A	N/A	not estimated	1.5
Queen Conch Resources of Puerto Rico and the United States Virgin Islands	Queen conch - Caribbean	CFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 6 of 15-year plan	<<1	1
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit <sup>17</sup>	CFMC	Yes <sup>17</sup>	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 6 of 25-year plan	<<1	1

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Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit 2 <sup>18</sup>	CFMC	No <sup>19</sup>	Yes	N/A	Continue Rebuilding	Year 6 of 30-year plan	<<1	2
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit 4 <sup>20</sup>	CFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 6 of 10-year plan	0.75 (default estimate)	1
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 1 <sup>21</sup>	CFMC	Yes	No	Yes	Reduce Mortality	N/A	0.75 (default estimate)	2
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 3 <sup>22</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 4 <sup>23</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Spiny Lobster Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean spiny lobster - Caribbean	CFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Coastal Pelagic Species	Jack mackerel - Pacific Coast	PFMC	No	Undefined	Unknown	N/A	N/A	not estimated	1.5
Coastal Pelagic Species	Northern anchovy - Northern Pacific Coast	PFMC	Undefined	Undefined	Unknown	N/A	N/A	not estimated	0
Coastal Pelagic Species	Northern anchovy - Southern Pacific Coast	PFMC	No	Undefined	Unknown	N/A	N/A	not estimated	1.5
Coastal Pelagic Species	Opalescent inshore squid - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Coastal Pelagic Species	Pacific chub mackerel - Pacific Coast	PFMC	No	No	No	N/A	N/A	5.11	4
Coastal Pelagic Species	Pacific sardine - Pacific Coast	PFMC	No	No	No	N/A	N/A	6.50	4
Pacific Coast Groundfish	Arrowtooth flounder - Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.97	4



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Pacific Coast Groundfish	Bank rockfish - California	PFMC	No <sup>24</sup>	No	No	N/A	N/A	0.65-0.78	3
Pacific Coast Groundfish	Black rockfish - Northern Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.38	4
Pacific Coast Groundfish	Blackgill rockfish - Southern California	PFMC	No <sup>24</sup>	No	Unknown	N/A	N/A	1.31	4
Pacific Coast Groundfish	Blue rockfish - California	PFMC	Unknown	No	No	N/A	N/A	0.75	1.5
Pacific Coast Groundfish	Bocaccio - Southern Pacific Coast	PFMC	No <sup>24</sup>	No - Rebuilding	No	Continue Rebuilding	Year 11 of 27-year plan	0.70	3
Pacific Coast Groundfish	Brown rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Coast Groundfish	Cabazon - California	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.17	4
Pacific Coast Groundfish	California scorpionfish - Southern California	PFMC	No <sup>24</sup>	No	Unknown	N/A	N/A	2.00	4
Pacific Coast Groundfish	Canary rockfish - Pacific Coast	PFMC	No <sup>24</sup>	Yes	N/A	Continue Rebuilding	Year 10 of 21-year plan <sup>25</sup>	0.59	2
Pacific Coast Groundfish	Chilipepper - Southern Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.78	4
Pacific Coast Groundfish	Cowcod - Southern California	PFMC	No <sup>24</sup>	Yes	N/A	Continue Rebuilding	Year 10 of 72-year plan <sup>26</sup>	0.11	2
Pacific Coast Groundfish	Darkblotched rockfish - Pacific Coast	PFMC	No <sup>24</sup>	No - Rebuilding	No	Continue Rebuilding	Year 9 of 27-year plan <sup>27</sup>	0.69	3
Pacific Coast Groundfish	Dover sole - Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.58	4
Pacific Coast Groundfish	English sole - Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	2.91	4
Pacific Coast Groundfish	Gopher rockfish - Northern California	PFMC	No <sup>24</sup>	No	Unknown	N/A	N/A	2.42	4
Pacific Coast Groundfish	Kelp greenling - Oregon	PFMC	Unknown	No	Unknown	N/A	N/A	1.22	2.5
Pacific Coast Groundfish	Lingcod - Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.68	4
Pacific Coast Groundfish	Longnose skate - Pacific Coast	PFMC	Unknown	No	No	N/A	N/A	1.65	2.5

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Pacific Coast Groundfish	Longspine thornyhead - Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.78	4
Pacific Coast Groundfish	Pacific cod - Pacific Coast	PFMC	No <sup>24</sup>	Unknown	Unknown	N/A	N/A	not estimated	1.5
Pacific Coast Groundfish	Pacific grenadier - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Coast Groundfish	Pacific hake - Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	0.78	3
Pacific Coast Groundfish	Pacific ocean perch - Pacific Coast	PFMC	No <sup>24</sup>	No - Rebuilding	No	Continue Rebuilding	Year 11 of 18-year plan	0.71	3
Pacific Coast Groundfish	Pacific sanddab - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Coast Groundfish	Petrale sole - Pacific Coast	PFMC	No <sup>24</sup>	Yes	No	Develop Rebuilding Plan <sup>28</sup>	Develop Rebuilding Plan <sup>28</sup>	0.46	2
Pacific Coast Groundfish	Rex sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Coast Groundfish	Rougheye rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Coast Groundfish	Sablefish - Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	0.96	4
Pacific Coast Groundfish	Sand sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Coast Groundfish	Shortbelly rockfish - Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.67	4
Pacific Coast Groundfish	Shortspine thornyhead - Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.57	4
Pacific Coast Groundfish	Spiny dogfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Coast Groundfish	Splitnose rockfish - Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.60	4
Pacific Coast Groundfish	Starry flounder - Pacific Coast	PFMC	No <sup>24</sup>	No	Unknown	N/A	N/A	1.24	4
Pacific Coast Groundfish	Vermilion rockfish - California	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Coast Groundfish	Widow rockfish - Pacific Coast	PFMC	No <sup>24</sup>	No - Rebuilding	No	Continue Rebuilding	Year 9 of 14-year plan	0.96	3
Pacific Coast Groundfish	Yelloweye rockfish - Pacific Coast	PFMC	No <sup>24</sup>	Yes	N/A	Continue Rebuilding	Year 8 of 82-year plan	0.51	2

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy	Official FSSI Score
Pacific Coast Groundfish	Yellowtail rockfish - Northern Pacific Coast	PFMC	No <sup>24</sup>	No	No	N/A	N/A	1.36	4
U.S. West Coast Fisheries for Highly Migratory Species	Skipjack tuna - Eastern Tropical Pacific <sup>29</sup>	PFMC	No	No	No	N/A	N/A	>1	4
U.S. West Coast Fisheries for Highly Migratory Species	Striped marlin - Eastern Tropical Pacific <sup>30</sup>	PFMC	No	No	No	N/A	N/A	>1	4
U.S. West Coast Fisheries for Highly Migratory Species	Yellowfin tuna - Eastern Tropical Pacific <sup>31</sup>	PFMC	Yes	No	No	Reduce Mortality	N/A	1.27	3
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Albacore tuna - North Pacific	PFMC / WPFMC	Unknown <sup>32</sup>	Unknown <sup>32</sup>	Unknown	N/A	N/A	not estimated	0
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Bigeye tuna - Pacific <sup>33</sup>	PFMC / WPFMC	Yes	No	No	Reduce Mortality	N/A	0.99 - ETP stock 1.34 - CWP stock <sup>33</sup>	2
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Blue shark - Pacific	PFMC / WPFMC	No	No	No	N/A	N/A	1.11	4
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Dolphinfish - Pacific	PFMC / WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy	Official FSSI Score
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pacific bluefin tuna - Pacific	PFMC / WPFMC	Yes	No	No	Reduce Mortality	N/A	0.88	3
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Swordfish - North Pacific	PFMC / WPFMC	No	No	No	N/A	N/A	1.75	4
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Albacore - South Pacific	WPFMC	No	No	No	N/A	N/A	1.69	4
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Indo-Pacific Blue marlin - Pacific	WPFMC	No	No	No	N/A	N/A	1.40	4
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Kawakawa - Tropical Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Opah - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Shortbill spearfish - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Skipjack tuna - Central Western Pacific <sup>29</sup>	WPFMC	No	No	No	N/A	N/A	2.41	4
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Striped marlin - Central Western Pacific <sup>30</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Wahoo - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy	Official FSSI Score
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Yellowfin tuna - Central Western Pacific <sup>31</sup>	WPFMC	No	No	No	N/A	N/A	1.57	4
American Samoa Archipelago Ecosystem	American Samoa Bottomfish Multi-species Complex <sup>34</sup>	WPFMC	No	No	No	N/A	N/A	1.75	4
Hawaii Archipelago Ecosystem	Bigeye scad - Hawaii Archipelago	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Hawaii Archipelago Ecosystem	Hancock Seamount Groundfish Complex <sup>35</sup>	WPFMC	Unknown	Yes* <sup>35</sup>	N/A	Continue Rebuilding	Year 10 of plan <sup>35</sup>	not estimated	0.5
Hawaii Archipelago Ecosystem	Hawaiian Archipelago Bottomfish Multi-species Complex <sup>34</sup>	WPFMC	No	No	Unknown	N/A	N/A	1.13	4
Hawaii Archipelago Ecosystem	Hawaiian Archipelago Coral Reef Ecosystem Multi-species Complex <sup>36</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Hawaii Archipelago Ecosystem	Mackerel scad - Hawaii Archipelago	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Mariana Archipelago Ecosystem	Guam Bottomfish Multi-species Complex <sup>34</sup>	WPFMC	No	No	No	N/A	N/A	1.56	4
Bering Sea/Aleutian Islands King and Tanner Crabs	Blue king crab - Pribilof Islands	NPFMC	No <sup>37</sup>	Yes	N/A	Continue Rebuilding	Year 7 of 10-year plan	0.07	2
Bering Sea/Aleutian Islands King and Tanner Crabs	Blue king crab - Saint Matthews Island	NPFMC	No <sup>37</sup>	No	No	N/A	N/A	2.23	4
Bering Sea/Aleutian Islands King and Tanner Crabs	Golden king crab - Aleutian Islands	NPFMC	No	Undefined	Unknown	N/A	N/A	not estimated	1.5
Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Bristol Bay	NPFMC	No	No	No	N/A	N/A	1.33	4
Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Norton Sound	NPFMC	No	No	No	N/A	N/A	1.74	4
Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Pribilof Islands	NPFMC	No <sup>37</sup>	No	N/A	N/A	N/A	0.65	3

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy	Official FSSI Score
Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Western Aleutian Islands	NPFMC	No	Undefined	Unknown	N/A	N/A	not estimated	1.5
Bering Sea/Aleutian Islands King and Tanner Crabs	Snow crab - Bering Sea	NPFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 11 of 10-year plan	0.77	3
Bering Sea/Aleutian Islands King and Tanner Crabs	Southern Tanner crab - Bering Sea	NPFMC	No	Yes	N/A	Develop Rebuilding Plan <sup>38</sup>	Develop Rebuilding Plan <sup>38</sup>	0.31	2
Groundfish of the Bering Sea and Aleutian Islands Management Area	Alaska plaice - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	1.93	4
Groundfish of the Bering Sea and Aleutian Islands Management Area	Atka mackerel - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	1.60	4
Groundfish of the Bering Sea and Aleutian Islands Management Area	Arrowtooth Flounder - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	3.16	4
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex <sup>39</sup>	NPFMC	No	No	No	N/A	N/A	0.90	4
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Flathead Sole Complex <sup>40</sup>	NPFMC	No	No	No	N/A	N/A	2.05	4
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Rock Sole Complex <sup>41</sup>	NPFMC	No	No	No	N/A	N/A	2.06	4
Groundfish of the Bering Sea and Aleutian Islands Management Area	Greenland halibut - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	2.26	4

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy	Official FSSI Score
Groundfish of the Bering Sea and Aleutian Islands Management Area	Northern rockfish - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	1.63	4
Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific cod - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	0.91	4
Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific ocean perch - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	1.66	4
Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Aleutian Islands	NPFMC	No	No	No	N/A	N/A	0.84	4
Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Eastern Bering Sea	NPFMC	No	No	No	N/A	N/A	0.62	3
Groundfish of the Bering Sea and Aleutian Islands Management Area	Yellowfin sole - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	1.75	4
Groundfish of the Bering Sea and Aleutian Islands Management Area / Groundfish of the Gulf of Alaska	Sablefish - Eastern Bering Sea / Aleutian Islands / Gulf of Alaska <sup>42</sup>	NPFMC	No	No	No	N/A	N/A	1.10	4
Groundfish of the Gulf of Alaska	Arrowtooth flounder - Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	2.99	4
Groundfish of the Gulf of Alaska	Flathead sole - Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	2.82	4
Groundfish of the Gulf of Alaska	Gulf of Alaska Blackspotted and Rougheye Rockfish Complex <sup>39</sup>	NPFMC	No	No	No	N/A	N/A	1.53	4

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy	Official FSSI Score
Groundfish of the Gulf of Alaska	Gulf of Alaska Deepwater Flatfish Complex <sup>43</sup>	NPFMC	No	No	No	N/A	N/A	2.58	4
Groundfish of the Gulf of Alaska	Gulf of Alaska Demersal Shelf Rockfish Complex <sup>44</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A	not estimated	1.5
Groundfish of the Gulf of Alaska	Gulf of Alaska Pelagic Shelf Rockfish Complex <sup>45</sup>	NPFMC	No	No	No	N/A	N/A	1.54	4
Groundfish of the Gulf of Alaska	Gulf of Alaska Thornyhead Rockfish Complex <sup>46</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A	not estimated	1.5
Groundfish of the Gulf of Alaska	Northern rockfish - Western / Central Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	1.62	4
Groundfish of the Gulf of Alaska	Pacific cod - Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	1.37	4
Groundfish of the Gulf of Alaska	Pacific ocean perch - Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	1.35	4
Groundfish of the Gulf of Alaska	Rex sole - Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	2.69	4
Groundfish of the Gulf of Alaska	Walleye pollock - Western / Central Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	0.82	4
Consolidated Atlantic Highly Migratory Species	Albacore - North Atlantic	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 4 of plan	0.62	1
Consolidated Atlantic Highly Migratory Species	Atlantic Large Coastal Shark Complex <sup>47</sup>	HMS	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Consolidated Atlantic Highly Migratory Species	Atlantic sharpnose shark - Atlantic <sup>48</sup>	HMS	No	No	No	N/A	N/A	1.35	4
Consolidated Atlantic Highly Migratory Species	Atlantic Small Coastal Shark Complex <sup>49</sup>	HMS	No	No	No	N/A	N/A	1.69	4
Consolidated Atlantic Highly Migratory Species	Bigeye tuna - Atlantic	HMS	No	No - Rebuilding	No	Continue Rebuilding	Year 12 of plan <sup>50</sup>	0.92	3
Consolidated Atlantic Highly Migratory Species	Blacknose shark - Atlantic <sup>48</sup>	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 1 of 18-year plan	0.48	1



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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy	Official FSSI Score
Consolidated Atlantic Highly Migratory Species	Blacktip shark - Gulf of Mexico <sup>51</sup>	HMS	No	No	No	N/A	N/A	2.56	4
Consolidated Atlantic Highly Migratory Species	Blacktip shark - South Atlantic <sup>51</sup>	HMS	Unknown	Unknown	Unknown	N/A	N/A	not estimated	0
Consolidated Atlantic Highly Migratory Species	Blue marlin - North Atlantic	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 10 of plan <sup>52</sup>	not estimated	1
Consolidated Atlantic Highly Migratory Species	Blue shark - Atlantic <sup>53</sup>	HMS	No	No	No	N/A	N/A	1.87-2.74	4
Consolidated Atlantic Highly Migratory Species	Bluefin tuna - Western Atlantic	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 12 of 19-year plan	0.57 (0.46-0.70) LRS 0.14 (0.08-0.21) HRS	1
Consolidated Atlantic Highly Migratory Species	Bonnethead - Atlantic <sup>48</sup>	HMS	No	No	No	N/A	N/A	0.83	4
Consolidated Atlantic Highly Migratory Species	Dusky shark - Atlantic	HMS	Yes	Yes	N/A	Reduce Mortality, Rebuilding Program	year 3 of 100 to 400-year plan <sup>54</sup>	0.22	1
Consolidated Atlantic Highly Migratory Species	Finetooth shark - Atlantic <sup>48</sup>	HMS	No	No	No	N/A	N/A	1.80	4
Consolidated Atlantic Highly Migratory Species	Porbeagle - Atlantic <sup>53</sup>	HMS	No	Yes	N/A	Continue Rebuilding	year 3 of 100-year plan <sup>55</sup>	0.15-0.32	2
Consolidated Atlantic Highly Migratory Species	Sailfish - Western Atlantic	HMS	Yes	No - Rebuilding	N/A	Reduce Mortality, Continue Rebuilding	Year 12 of plan <sup>56</sup>	> 75%Bmsy	2
Consolidated Atlantic Highly Migratory Species	Sandbar shark - Atlantic <sup>51</sup>	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 3 of 66-year plan	0.72	1
Consolidated Atlantic Highly Migratory Species	Shortfin mako - Atlantic <sup>53</sup>	HMS	Yes	No	Yes	Reduce Mortality	N/A	0.48-3.77	3

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy	Official FSSI Score
Consolidated Atlantic Highly Migratory Species	Swordfish - North Atlantic	HMS	No	No	N/A	N/A	N/A	1.05	4
Consolidated Atlantic Highly Migratory Species	White marlin - North Atlantic	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 10 of plan <sup>52</sup>	not estimated	1
Consolidated Atlantic Highly Migratory Species	Yellowfin tuna - Western Atlantic	HMS	No	No	Yes	N/A	N/A	0.96	4

**TOTAL FSSI SCORE** **583**

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\*The overfished definition for this stock is pre-SFA.

1. Although this stock is currently listed as not subject to overfishing and not overfished, the most recent stock assessment conducted for Atlantic herring (2010) could not determine the overfishing or overfished status.
2. Although the red crab stock is currently listed as not subject to overfishing and unknown for overfished, the most recent assessment (SAW 43) concluded that overfishing and overfished status were both unknown, that reference points were uncertain and unreliable, and they should be revisited in a future assessment. Nevertheless, the status of this stock with respect to fishing mortality rate and biomass level was not changed in this report.
3. Due to the large degree of uncertainty in the GARM III assessment, the status of winter flounder - Gulf of Maine has been changed to unknown. However, it is likely that the stock is overfished and overfishing is occurring, based on calculated reference points.
4. Exact rebuilding time period unspecified in the FMP. Rebuilding may take decades, based on the long-lived, late maturing, and low fecundity nature of this species. Last year, this stock was listed as being in year 7 of the rebuilding plan, when in fact, it was in year 6.
5. Winter skate was listed as overfished in 2007, but subsequently the biomass increased before a rebuilding plan was implemented and the stock is no longer overfished. It has now been determined that this stock does not require a rebuilding plan and the stock is now at 93% Bmsy, so it is considered as being sustainably managed.
6. Although this stock is currently listed as not subject to overfishing and not overfished, the most recent stock assessment conducted for Atlantic mackerel (2010) could not determine the overfishing or overfished status.
7. Although the butterfish stock is listed as overfished, the status of the butterfish stock is unknown because biomass reference points could not be determined in the most recent assessment (SAW 49). Though the butterfish population appears to be declining over time, the underlying causes for population decline are unknown. Despite considerable uncertainty in the recent assessment, no evidence suggests the status of the butterfish stock has improved since the previous assessment (SAW 38). The status of the butterfish stock will remain as overfished in this report until biological reference points can be determined in a future
8. Although the *Illex* stock is currently listed as not subject to overfishing, the most recent stock assessment (SAW42) was not able to precisely determine current exploitation rates or stock biomass. Nevertheless, the status of this stock with respect to fishing mortality rate and biomass level was not changed in this report.
9. Although the most recent B/Bmsy = 1.04, this stock has not been declared rebuilt. SARC 48 notes the following: *The biomass estimates for recent years from the ASPIC model are likely over-optimistic because trends in commercial VTR CPUE declined recently in a manner consistent with the passage of the strong 1999 cohort through the population (an interpretation further supported by the length frequency data). The current assessment model (ASPIC) does not account for those factors. Much of the confidence interval around the 2008 biomass estimate falls below the updated BMSY listed above. Based on these considerations there is no convincing evidence that the stock has rebuilt to levels above BTARGET.*
10. The Shrimp Review Advisory Panel concluded that the apparent decline in pink shrimp abundance does not appear to be due to overfishing. Based on both the SEAMAP data, and the effort and landings data from the North Carolina and eastern Florida pink shrimp fishery, the Shrimp Review Panel recommended that no management actions are necessary at this time. The Shrimp Review Panel concludes that the pink shrimp stocks in some areas along the Southeast coast are depleted due to factors other than fishing such as environmental and climatic factors. Since shrimp are essentially an "annual crop", it would not be appropriate to develop a rebuilding plan for this stock.
11. The South Atlantic Fishery Management Council (SAFMC) was notified by the Southeast Regional Office on June 9, 2010 that this stock is overfished. The SAFMC has 2 years from this date to implement a rebuilding plan for red grouper.
12. This stock was previously listed as being in a 16-year rebuilding plan, when in fact, it was in an 18-year rebuilding plan.
13. Although the overfished determination is not known, landings are at extremely low levels and there are only two participants in the fishery.
14. The most recent Spanish mackerel assessment (2008) concluded the species was not subject to overfishing but overfished status was unknown. The most recent known determination of not overfished is based on the 2003 stock assessment.
15. The Southeast Regional Office notified the Gulf of Mexico Fishery Management Council (GMFMC) on August 11, 2009 that this stock is overfished. The GMFMC has two years from this date to implement a rebuilding plan for gag - Gulf of Mexico.
16. Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
17. This unit (Grouper Unit 1) is part of the Caribbean Reef Fish FMU and is composed of Nassau grouper. The fishery in the EEZ is closed. The fishery is now closed in the territorial waters of the USVI and Puerto Rico, therefore fishing mortality is very low. The overfishing status is pending review, based on this closure.
18. This unit (Grouper Unit 2) is part of the Caribbean Reef Fish FMU and is composed of Goliath grouper.
19. Fishery in the EEZ and territorial waters of the USVI is closed; therefore, fishing mortality is very low.



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34. This complex contains up to 19 species including Seabass - hapuu'upu, Squirrelfish Snapper - ehū, Longtail Snapper - onaga, Silver Jaw Jobfish - lehi, Gray Jobfish - uku, Blueline Snapper, Yellowtail Snapper - yellow tail kalekale, Crimson jobfish - opakapaka, Yelloweye Snapper - yelloweye opakapaka, Von Siebolds Snapper - kalekale, Oblique-Banded Snapper - gindai, Giant Trevally - white ulua, Black Jack - black ulua, Thick Lipped Trevally - pig ulua, Amberjack - kahala, Blacktip Grouper, Lunartail Grouper, Ambon Emperor, and Redgill Emperor. Assessments are made for multi-species stock complexes, one complex for each of the Hawaiian Archipelago, American Samoa, and Guam. Assessments are made for unique multi-species stock complexes, one complex for each of the Hawaiian Archipelago, American Samoa, Northern Mariana Islands and Guam.
35. This stock complex uses pelagic armorhead as the indicator species of a three-species seamount groundfish complex that includes raftfish and alfonso. Post-SFA overfishing/overfished definitions were approved in 2003 for the seamount groundfish stock complex, for which pelagic armorhead is assessed as the indicator species, but determinations have not yet been made relative to those new definitions. This stock complex does not have a formal rebuilding plan or time period for rebuilding. The fishery in the U.S. EEZ has been closed under sequential 6-year moratoria since the inception of the FMP in 1986. The current moratorium is effective until 2010. These moratoria have been treated by NMFS as a de facto rebuilding plan, and previous versions of this report referred to the cumulative period of these moratoria as the time period for rebuilding.
36. This complex contains up to 146 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa."
37. Fishery in the EEZ is closed; therefore, fishing mortality is very low.
38. The North Pacific Fishery Management Council was notified by the Alaska Regional Office on October 1, 2010 that this stock is overfished. The NPFMC has 2 years from this date to implement a rebuilding plan for Southern Tanner crab - Bering Sea.
39. Blackspotted and Rougheye Rockfish consists of Blackspotted Rockfish and Rougheye Rockfish. An assessment of the combined species provides the overfished determination, and the OFL is based on the combined-species assessment.
40. Flathead Sole consists of Flathead Sole and Bering Flounder. Flathead Sole accounts for the overwhelming majority of the biomass and is regarded as the indicator species for the complex. The overfished determination is based on the combined abundance estimates for the two species; the overfishing determination is based on the OFL, which is computed from the combined abundance estimates for the two species.
41. Rock Sole consists of Northern Rock Sole and Southern Rock Sole (NOTE: These are two distinct species, not two separate stocks of the same species). Northern Rock Sole accounts for the overwhelming majority of the biomass and is regarded as the indicator species for the complex. The overfished determination is based on the combined abundance estimates for the two species; the overfishing determination is based on the OFL, which is computed from the combined abundance estimates for the two species.
42. Although Sablefish is managed separately in the Gulf of Alaska, Bering Sea, and Aleutian Islands, with separate overfishing levels, ABCs, and TACs based on the proportion of biomass in each respective region, separate assessments are not conducted for each of these three regions; the assessment is based on aggregated data from the Gulf of Alaska, Bering Sea, and Aleutian Islands regions. Therefore, it is not appropriate to list separate status determinations for these three regions.
43. The Deep Water Flatfish Complex consists of the following stocks: Deepsea Sole, Dover Sole, and Greenland Turbot. The overfished determination is based on Dover Sole as an indicator species; the overfishing determination is based on the OFL, which is computed by using the dover sole assessment combined with abundance estimates for the remainder of the complex.
44. The Demersal Shelf Rockfish Complex consists of the following stocks: Canary Rockfish, China Rockfish, Copper Rockfish, Quillback Rockfish, Rosethorn Rockfish, Tiger Rockfish, and Yelloweye Rockfish. The overfishing determination is based on the OFL, which is computed by using estimates of Yelloweye Rockfish and then increased by 10% to account for the remaining members of the complex.
45. The Pelagic Shelf Rockfish Complex consists of the following stocks: Dark Rockfish, Dusky Rockfish, Widow Rockfish, and Yellowtail Rockfish. The overfished determination is based on Dusky Rockfish as an indicator species; the overfishing determination is based on the OFL, which is computed by using the dusky rockfish assessment combined with abundance estimates for the remainder of the complex.
46. The Thornyhead Rockfish Complex consists of the following stocks: Longspine Thornyhead and Shortspine Thornyhead. The overfishing determination is based on the OFL, which is computed using abundance estimates of Shortspine Thornyhead.
47. In addition to Sandbar Shark, Gulf of Mexico Blacktip Shark, and Atlantic Blacktip Shark, the Large Coastal Shark Complex also consists of additional stocks including Spinner Shark, Silky Shark, Bull Shark, Tiger Shark, Lemon Shark, Nurse Shark, Scalloped Hammerhead Shark, Great Hammerhead Shark, and Smooth Hammerhead Shark. In addition, several LCS species cannot be retained in commercial or recreational fisheries, including Bignose Shark, Galapagos Shark, Night Shark, Caribbean Reef Shark, Narrowtooth Shark, Sand Tiger Shark, Bigeye Sand Tiger Shark, Whale Shark, Basking Shark, White Shark.
48. This stock is part of the Small Coastal Shark Complex, but is assessed separately.
49. In addition to Finetooth Shark, Atlantic Sharpnose Shark, Blacknose Shark, and Bonnethead Shark, the Small Coastal Shark Complex also consists of: Atlantic Angel Shark, Caribbean Sharpnose Shark, and Smalltail Shark; these 3 species cannot be retained in recreational or commercial fisheries.
50. For the overfished Atlantic bigeye tuna, the 1999 HMS FMP established the foundation to develop an international 10-year rebuilding program. While steps have been taken internationally to pursue recovery of this stock, an international rebuilding program has not yet been adopted. NMFS is continuing to work through ICCAT to establish an international rebuilding program and is working domestically to monitor its fisheries and promote conservation. The SCRS conducted an assessment of bigeye tuna in 2007.
51. This stock is part of the Large Coastal Shark Complex, but is assessed separately.

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52. For the overfished North Atlantic blue and white marlins, Amendment One to the Atlantic Billfish FMP established a foundation to develop an international rebuilding plan. An international rebuilding plan with a two-phase approach was adopted in 2000 by ICCAT; Phase I was implemented on 6/1/2001, while the United States continues to work toward its full implementation. It should be noted that the ICCAT rebuilding program does not satisfy all the requirements of the Magnuson-Stevens Act. NMFS is continuing to work domestically to monitor its fisheries and promote conservation. The SCRS conducted assessments of blue and white marlin in 2006.

53. This stock is part of the Pelagic Shark Complex, but is assessed separately.

54. The first species-specific dusky shark assessment occurred in 2006 and indicates that dusky shark stocks have been depleted 62-80 percent with respect to virgin biomass. Assessment scientists recommend that the rebuilding timeframe for dusky sharks could last anywhere from 100 to 400 years. The rebuilding plan for LCS, of which dusky sharks were a part, was implemented by the 2003 Amendment. A rebuilding plan for dusky sharks will be implemented in an upcoming Amendment estimated to be finalized in 2008. Until the new Amendment is in place, dusky sharks will be managed according to the 2003 Amendment and under the current

55. According to the 2005 recovery assessment report conducted by Canada, the North Atlantic porbeagle stock has a 70 percent probability of recovery in approximately 100 years if  $F$  is less than or equal to 0.04. There is no U.S. domestic rebuilding plan in place for this species. A rebuilding plan will be implemented in an upcoming Amendment estimated to be finalized in 2008. Until this new Amendment is in place, porbeagle sharks will be managed according to the 1999 HMS FMP.

56. For overfished sailfish, Amendment One to the Atlantic Billfish FMP established the foundation to develop an international 10-year rebuilding program. While steps have been taken internationally to pursue recovery of the overfished west Atlantic sailfish stock, an international rebuilding program has not yet been adopted. NMFS is continuing to work through ICCAT to establish an international rebuilding program and is working domestically to monitor its fisheries and promote conservation.

**Table B. Summary of Stock Status for Non-FSSI Stocks**

FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Atlantic Salmon	Atlantic salmon - Gulf of Maine	NEFMC	No	Yes	N/A	Rebuild - ESA listed	not required <sup>1</sup>
Northeast Multispecies	Atlantic wolffish - Gulf of Maine / Georges Bank	NEFMC	Unknown	Yes	N/A	Continue Rebuilding	Year 1 of Plan <sup>2</sup>
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Black corals (Antipatharia) - Southern Atlantic Coast	SAFMC	No* <sup>3</sup>	Undefined	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Fire corals (Milleporidae) - Southern Atlantic Coast	SAFMC	No* <sup>3</sup>	Undefined	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Hydrocorals (Stylasteridae) - Southern Atlantic Coast	SAFMC	No* <sup>3</sup>	Undefined	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Soft corals (Octocorallia) - Southern Atlantic Coast	SAFMC	No* <sup>3</sup>	Undefined	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Stony corals (Scleractinia) - Southern Atlantic Coast	SAFMC	No* <sup>3</sup>	Undefined	Unknown	N/A	N/A
Golden Crab Fishery of the South Atlantic Region	Golden deepsea crab - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Golden Crab Fishery of the South Atlantic Region	Jonah crab - Southern Atlantic Coast	SAFMC	Undefined	Undefined	Unknown	N/A	N/A
Golden Crab Fishery of the South Atlantic Region	Red deepsea crab - Southern Atlantic Coast	SAFMC	Undefined	Undefined	Unknown	N/A	N/A
Pelagic Sargassum Habitat of the South Atlantic Region	Sargassum - Southern Atlantic Coast	SAFMC	No <sup>4</sup>	No <sup>4</sup>	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Almaco jack - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Atlantic spadefish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Banded rudderfish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Bank sea bass - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Snapper-Grouper Fishery of the South Atlantic Region	Bar jack - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Black margate - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Black snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Blackfin snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Blue runner - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Blueline tilefish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Bluestriped grunt - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Coney - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Cottonwick - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Crevalle jack - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Cubera snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Dog snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	French grunt - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Grass porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Gray snapper - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Graysby - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Jolthead porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Knobbed porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Lane snapper - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A



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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Snapper-Grouper Fishery of the South Atlantic Region	Lesser amberjack - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Longspine porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Mahogany snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Margate - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Misty grouper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Nassau grouper - Southern Atlantic Coast	SAFMC	No <sup>3</sup>	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Ocean triggerfish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Porkfish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Puddingwife - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Queen snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Queen triggerfish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Red hind - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Rock hind - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Rock sea bass - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Sailors choice - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Sand tilefish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Saucereye porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Schoolmaster - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Scup - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Snapper-Grouper Fishery of the South Atlantic Region	Sheepshead - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Silk snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Smallmouth grunt - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Spanish grunt - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Tiger grouper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Tomtate - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Whitebone porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellow jack - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellowedge grouper - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellowfin grouper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellowmouth grouper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Dolphin and Wahoo Fishery of the Atlantic	Wahoo - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Cero - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico	Mutton snapper - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A
Spiny Lobster in the Gulf of Mexico and South Atlantic	Ridged slipper lobster - Gulf of Mexico	SAFMC / GMFMC	Undefined	Undefined	Unknown	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Bluefish - Gulf of Mexico	GMFMC	Unknown	Unknown	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Black corals (Antipatharia) - Gulf of Mexico	GMFMC	No* <sup>3</sup>	Undefined	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Coral and Coral Reefs of the Gulf of Mexico	Fire corals (Milleporidae) - Gulf of Mexico	GMFMC	No* <sup>3</sup>	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Hydrocorals (Stylasteridae) - Gulf of Mexico	GMFMC	No* <sup>3</sup>	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Soft corals (Octocorallia) - Gulf of Mexico	GMFMC	No* <sup>3</sup>	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Stony corals (Scleractinia) - Gulf of Mexico	GMFMC	No* <sup>3</sup>	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Almaco jack - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Anchor tilefish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Banded rudderfish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blackfin snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blackline tilefish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blueline tilefish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Cubera snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Dog snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Dwarf sand perch - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Goldface tilefish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Gray snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Lane snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Lesser amberjack - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Mahogany snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Misty grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Reef Fish Resources of the Gulf of Mexico	Queen snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Red hind - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Rock hind - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Sand perch - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Scamp - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Schoolmaster - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Silk snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Speckled hind - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Tilefish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Warsaw grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Wenchman - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Yellowfin grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Yellowmouth grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Shrimp Fishery of the Gulf of Mexico	Brown rock shrimp - Gulf of Mexico	GMFMC	No*	No	No	N/A	N/A
Shrimp Fishery of the Gulf of Mexico	Seabob - Gulf of Mexico	GMFMC	Undefined	Undefined	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Angelfishes Complex <sup>5</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Boxfishes Complex <sup>6</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Goatfishes Complex <sup>7</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit 3 <sup>8</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grunts Complex <sup>9</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Jacks Complex <sup>10</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Parrotfishes Complex <sup>11</sup>	CFMC	Yes	No	Yes	Reduce Mortality	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Porgies Complex <sup>12</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 2 <sup>13</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Squirrelfishes Complex <sup>14</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Surgeonfishes Complex <sup>15</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Tilefishes Complex <sup>16</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Triggerfishes and Filefishes Complex <sup>17</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Wrasses Complex <sup>18</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Corals and Reef Associated Plants and Invertebrates of Puerto Rico and the United States Virgin Islands	Caribbean Corals and Reef Associated Plants and Invertebrates Data Collection Species Complex <sup>19</sup>	CFMC			N/A	N/A	N/A
Queen Conch Resources of Puerto Rico and the United States Virgin Islands	Caribbean Conch Data Collection Species Complex <sup>20</sup>	CFMC			N/A	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Aquarium Trade Species Complex <sup>21</sup>	CFMC			N/A	N/A	N/A
Pacific Coast Groundfish	Aurora rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Big skate - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Black rockfish - Southern Pacific Coast	PFMC	No	No	No	N/A	N/A
Pacific Coast Groundfish	Black-and-yellow rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Bronzespotted rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Butter sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Calico rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	California skate - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Chameleon rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	China rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Copper rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Curlfin sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Dusky rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Dwarf red rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Groundfish	Flag rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Flathead sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Freckled rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Grass rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenblotched rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenspotted rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenstriped rockfish - Pacific Coast	PFMC	Unknown	No	No	N/A	N/A
Pacific Coast Groundfish	Halfbanded rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Harlequin rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Honeycomb rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Kelp rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Leopard shark - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Mexican rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Olive rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pacific flatnose - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pink rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pinkrose rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pygmy rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Quillback rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Groundfish	Redbanded rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Redstripe rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rock sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rosethorn rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rosy rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Sharpchin rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Shortraker rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Silvergray rockfish - Pacific Coast	PFMC	No	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Speckled rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Spotted ratfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Squarespot rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Starry rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Stripetail rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Swordspine rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Tiger rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Tope - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Treefish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Yellowmouth rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A



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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Salmon	Chinook salmon - California Central Valley: Sacramento (fall)	PFMC	No	Yes	N/A	Develop Rebuilding Plan <sup>22</sup>	N/A
Pacific Coast Salmon	Chinook salmon - California Central Valley: Sacramento (spring)	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - California Central Valley: Sacramento (winter)	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Klickitat, Warm Springs, John Day, and Yakima (spring)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Lower River Hatchery (fall)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Lower River Hatchery (spring)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Mid-River Bright Hatchery (fall)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: North Lewis (fall)	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Snake (fall)	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Snake (spring/summer)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Spring Creek Hatchery (fall)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper River (spring)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper River (summer)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper River Bright (fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper Willamette (spring)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Northern California Coast: Eel, Mattole, Mad, and Smith (fall/spring) <sup>23</sup>	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Northern California Coast: Klamath (fall)	PFMC	No <sup>24</sup>	No - Rebuilding <sup>24</sup>	No	Develop rebuilding plan <sup>24</sup>	N/A
Pacific Coast Salmon	Chinook salmon - Northern California Coast: Klamath (spring)	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Oregon Coast: Central and Northern	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Oregon Coast: Southern	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Cedar (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Eastern Strait of Juan de Fuca (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Green (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Nisqually (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Nooksack (spring early)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Skagit (spring)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Salmon	Chinook salmon - Puget Sound: Skagit (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Skokomish (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Snohomish (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Stillaguamish (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: White (spring)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Southern British Columbia: Coastal	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Southern British Columbia: Fraser <sup>25</sup>	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Grays Harbor (fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Grays Harbor (spring)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Hoh (fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Hoh (spring/summer)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Hoko (summer/fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Queets (fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Queets (spring/summer)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Salmon	Chinook salmon - Washington Coast: Quillayute (fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Quillayute (spring/summer)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Quinault (fall)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Willapa Bay Fall (hatchery)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Willapa Bay Fall (natural)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Central California Coast	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Columbia (early hatchery)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Columbia (late hatchery)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Columbia (natural)	PFMC	N/A Exception 3**	N/A	Unknown	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Northern California	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Oregon Coastal (natural) <sup>26</sup>	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Puget Sound: Eastern Strait of Juan de Fuca	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Puget Sound: Hood Canal	PFMC	No	No	No	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Salmon	Coho salmon - Puget Sound: Skagit	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Puget Sound: Snohomish	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Puget Sound: South Puget Sound (hatchery)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Puget Sound: Stillaguamish	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Southern British Columbia: Coastal	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Southern British Columbia: Fraser <sup>25</sup>	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Grays Harbor	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Hoh	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Queets	PFMC	No	Yes	N/A	Develop rebuilding plan <sup>27</sup>	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Quillayute (fall)	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Quillayute (summer)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Quinault	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Western Strait of Juan de Fuca	PFMC	No	Yes	N/A	Develop rebuilding plan <sup>28</sup>	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Willapa Bay	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Pink salmon - Puget Sound (odd-numbered years) <sup>25</sup>	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Pink salmon - Southern British Columbia: Fraser (odd-numbered years) <sup>25</sup>	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Bigeye thresher - North Pacific	PFMC / WPFMC	Unknown	Unknown	Unknown	N/A	N/A
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pelagic thresher - North Pacific	PFMC / WPFMC	Unknown	Unknown	Unknown	N/A	N/A
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Shortfin mako - North Pacific	PFMC / WPFMC	Unknown	Unknown	Unknown	N/A	N/A
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Thresher shark - North Pacific	PFMC / WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Mariana Archipelago Ecosystem	Northern Mariana Islands Bottomfish Multi-species Complex <sup>29</sup>	WPFMC	No	No	No	N/A	N/A
American Samoa Archipelago Ecosystem	American Samoa Coral Reef Ecosystem Multi-species Complex <sup>30</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Mariana Archipelago Ecosystem	Guam Coral Reef Ecosystem Multi-species Complex <sup>31</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Mariana Archipelago Ecosystem	Northern Mariana Islands Coral Reef Ecosystem Multi-species Complex <sup>32</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Remote Island Areas Ecosystem	Pacific Island Remote Areas Coral Reef Ecosystem Multi-species Complex <sup>33</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Hawaii Archipelago Ecosystem	Northwestern Hawaiian Islands Lobster Complex <sup>34</sup>	WPFMC	No	Unknown	Unknown	N/A	N/A
Hawaii Archipelago Ecosystem	Main Hawaiian Islands Lobster Complex <sup>35</sup>	WPFMC	Undefined	Undefined	Unknown	N/A	N/A
American Samoa Archipelago Ecosystem	American Samoa Archipelago Crustacean Complex <sup>36</sup>	WPFMC	Undefined	Undefined	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Mariana Archipelago Ecosystem	Guam Crustacean Complex <sup>37</sup>	WPFMC	Undefined	Undefined	Unknown	N/A	N/A
Mariana Archipelago Ecosystem	Northern Mariana Island Crustacean Complex <sup>38</sup>	WPFMC	Undefined	Undefined	Unknown	N/A	N/A
Pacific Remote Island Areas Ecosystem	Pacific Remote Island Areas Crustacean Complex <sup>39</sup>	WPFMC	Undefined	Undefined	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Black marlin - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Longfin mako - North Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Oceanic whitetip shark - Tropical Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pomfrets (Bramidae) - Western Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Sailfish - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Salmon shark - North Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Silky shark - Tropical Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Snake mackerels (Gempylidae) - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Tropical Pacific Other Tuna Relatives Complex <sup>40</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Western Pacific Squid Complex <sup>41</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Hawaii Archipelago Ecosystem	Au'au Bed Black Coral Complex <sup>42</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Hawaii Archipelago Ecosystem	Conditional Beds Precious Corals Multi-species Complex <sup>43</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Hawaii Archipelago Ecosystem	Makapu'u Bed Precious Corals Multi-species Complex <sup>43</sup>	WPFMC	No <sup>44</sup>	Unknown	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Golden king crab - Pribilof Islands	NPFMC	Unknown	Undefined	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Other Flatfish Complex <sup>45</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Other Rockfish Complex <sup>46</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Other Species Complex <sup>47</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Squid Complex <sup>48</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Kamchatka flounder - Bering Sea / Aleutian Islands	NPFMC	Undefined	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Shortraker rockfish - Bering Sea / Aleutian Islands	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Bogoslof	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Atka mackerel - Gulf of Alaska	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Big skate - Gulf of Alaska	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Gulf of Alaska Skate Complex <sup>49</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Gulf of Alaska Other Slope Rockfish Complex <sup>50</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Gulf of Alaska Other Species Complex <sup>51</sup>	NPFMC	Undefined	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Gulf of Alaska Shallow Water Flatfish Complex <sup>52</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Longnose skate - Gulf of Alaska	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Shortraker rockfish - Gulf of Alaska	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Walleye pollock - Eastern Gulf of Alaska	NPFMC	No	Undefined	Unknown	N/A	N/A
Salmon Fisheries in the EEZ off the Coast of Alaska	Alaska Coho Salmon Assemblage <sup>53</sup>	NPFMC	No	No	No	N/A	N/A
Salmon Fisheries in the EEZ off the Coast of Alaska	Chinook salmon - Eastern North Pacific Far North Migrating	NPFMC	No	No	No	N/A	N/A



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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Scallop Fishery off Alaska	Bering scallop - Alaska	NPFMC	Undefined	Undefined	N/A	N/A	N/A
Scallop Fishery off Alaska	Giant rock scallop - Alaska	NPFMC	Undefined	Undefined	N/A	N/A	N/A
Scallop Fishery off Alaska	Reddish scallop - Alaska	NPFMC	Undefined	Undefined	N/A	N/A	N/A
Scallop Fishery off Alaska	Spiny scallop - Alaska	NPFMC	Undefined	Undefined	N/A	N/A	N/A
Scallop Fishery off Alaska	Weathervane scallop - Alaska	NPFMC	No	Undefined	N/A	N/A	N/A
Scallop Fishery off Alaska	White scallop - Alaska	NPFMC	Undefined	Undefined	N/A	N/A	N/A
Fish Resources of the Arctic Management Area	Arctic cod	NPFMC	No <sup>54</sup>	Unknown	Unknown	N/A	N/A
Fish Resources of the Arctic Management Area	Saffron cod	NPFMC	No <sup>54</sup>	Unknown	Unknown	N/A	N/A
Fish Resources of the Arctic Management Area	Snow crab	NPFMC	No <sup>54</sup>	Unknown	Unknown	N/A	N/A
Fish Resources of the Arctic Management Area	Additional Ecosystem Component Species	NPFMC					
Consolidated Atlantic Highly Migratory Species	Longbill spearfish - Western Atlantic	HMS	Unknown	Unknown	Unknown	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Skipjack tuna - Western Atlantic	HMS	No	No	No	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Atlantic Pelagic Shark Complex <sup>55</sup>	HMS	Unknown	Unknown	Unknown	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Thirty-three deepwater and other species for data collection only purposes <sup>56</sup>	HMS				N/A	N/A
International Pacific Halibut Commission <sup>57</sup>	Pacific halibut - Pacific Coast / Alaska	IPHC/NPFMC/PFMC	Undefined	No	No	N/A	N/A

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\*The overfishing definition for this stock is pre-SFA.

\*\* The Salmon FMP contains three exceptions to the application of overfishing criteria and subsequent Council actions for stocks or stock complexes with conservation objectives: (1) hatchery stocks, (2) stocks for which Council management actions have inconsequential impacts, and (3) stocks listed under the ESA.

1. A formal rebuilding program was not required or submitted because either no fishing is allowed in this fishery, or incidental harvest is limited to levels necessary to meet Endangered Species Act (ESA) requirements. A Final Recovery Plan for the Gulf of Maine Distinct Population Segment of Atlantic Salmon has been developed under the ESA.
2. Because the life history of Atlantic wolffish is not well understood, there is considerable uncertainty in the evaluation of stock projections and a rebuilding period or a rebuilding F for this species at this time.
3. Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
4. On July 11, 2003, NMFS partially approved the FMP for this stock. Although one of the disapproved provisions included the MFMT, a component of the overfishing definition, an examination of the rate of harvest (currently zero), relative to the approved MSY level (100,000 mt), indicates that overfishing is not occurring. In addition, no directed fishery for this stock currently exists. This species has the capacity to increase its biomass through vegetative growth by as much as 10 percent per day, thus doubling its biomass every two weeks. Therefore, it is unlikely that this stock is overfished.
5. This unit (Angelfishes) is part of the Caribbean Reef Fish FMU and is composed of queen, gray, and French angelfishes. There is no indicator species for this unit.
6. This unit (Boxfishes) is part of the Caribbean Reef Fish FMU and is composed of honeycombed and scrawled cowfishes; trunkfish, spotted trunkfish, and smooth trunkfish. There is no indicator species for this unit.
7. This unit (Goatfishes) is part of the Caribbean Reef Fish FMU and is composed of spotted and yellow goatfishes. There is no indicator species for this unit.
8. This unit (Grouper Unit 3) is part of the Caribbean Reef Fish FMU and is composed of red hind, coney, rock hind, graysby, and creole fish; red hind is the indicator species for the unit.
9. This unit (Grunts) is part of the Caribbean Reef Fish FMU and is composed of white grunt, tomtate, blue striped grunt, French grunt, margate, and porkfish. There is no indicator species for this unit.
10. This unit (Jacks) is part of the Caribbean Reef Fish FMU and is composed of blue runner, greater amberjack, horseeye, black, almaco, bar, and yellow jacks. There is no indicator species for this unit.
11. This unit (Parrotfishes) is part of the Caribbean Reef Fish FMU and is composed of blue, midnight, princess, queen, rainbow, striped, redband, redband, redtail, redfin, and stoplight parrotfishes. There is no indicator species for this unit.
12. This unit (Porgies) is part of the Caribbean Reef Fish FMU and is composed of jolthead porgy, sea bream, sheepshead porgy, and pluma. There is no indicator species for this unit.
13. This unit (Snapper Unit 2) is part of the Caribbean Reef Fish FMU and is composed of queen snapper and wenchman; queen snapper is the indicator species for the unit.
14. This unit (Squirrelfishes) is part of the Caribbean Reef Fish FMU and is composed of black bar squirrelfish, longspine squirrelfish, bigeye (*Priacanthus arenatus*), and squirrelfish. There is no indicator species for this unit.
15. This unit (Surgeonfish) is part of the Caribbean Reef Fish FMU and is composed of doctorfish, bluetang, and ocean surgeonfish. There is no indicator species for this unit.
16. This unit (Tilefishes) is part of the Caribbean Reef Fish FMU and is composed of blackline and sand tilefishes. There is no indicator species for this unit.
17. This stock (Triggerfishes and Filefishes) is part of the Caribbean Reef Fish FMU and is composed of ocean, queen, and Sargassum triggerfishes; scrawled and whitespotted filefishes; and black durgon; queen triggerfish is the indicator species for the unit.
18. This unit (Wrasses) is part of the Caribbean Reef Fish FMU and is composed of hogfish, Spanish hogfish, and puddingwife; hogfish is the indicator species for the unit.
19. This FMP contains many corals and reef-associated invertebrates. NMFS determined that the available data are inadequate or insufficient for providing a defensible and meaningful estimate of MSST for managed species in the Coral Reef FMP. Accordingly, various taxa are included for data collection purposes only.
20. This FMP contains eight species for data collection only, including Atlantic triton's trumpet, cameo helmet, green star shell, hawkwing conch, milk conch, roostertail conch, true tulip, and West Indian fighting conch. This FMP also contains Queen Conch, which is an FSSI stock.
21. In addition to the other 79 species contained in this FMP, there are an additional 60 species that are for aquarium trade only including Frogfish, Flamefish, Conchfish, Redlip Blenny, Peacock Flounder, Longsnout Butterflyfish, Four-eye Butterflyfish, Spotfin Butterflyfish, Banded Butterflyfish, Redspotted Hawkfish, Flying Gurnard, Atlantic Spadefish, Neon Goby, Rusty Goby, Royal Gramma, Creole Wrasse, Yellowcheek Wrasse, Yellowhead Wrasse, Clown Wrasse, Pearly Razorfish, Green Razorfish, Bluehead Wrasse, Chain Moray, Green Moray, Goldentail Moray, Batfish, Goldspotted Eel, Yellowhead Jawfish, Dusky Jawfish, Cherubfish, Rock Beauty, Sergeant Major, Blue Chromis, Sunshinefish, Yellowtail Damselfish, Dusky Damselfish, Beaugregory, Bicolor Damselfish, Threespot Damselfish, Glasseye Snapper, High-hat, Jackknife-fish, Spotted Drum, Scorpionfishes, Butter
22. This stock failed to meet its conservation objective for 3 consecutive years in 2007, 2008, and 2009. The PFMC was notified on March 2, 2010 that they are required to develop a rebuilding plan for this stock and have 2 years from this date to implement a plan.
23. The Smith River Chinook is not part of the California Coastal Chinook ESU, which includes the Eel, Mattole, and Mad River stocks. However, there are no conservation objectives defined for the northern coastal chinook stocks. These stocks are managed consistent with NMFS jeopardy standard / recovery plans for the California Coastal Chinook ESU. The Smith River stock is therefore also managed under the NMFS jeopardy standard / recovery plans.

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24. This stock failed to meet its conservation objective for 3 consecutive years in 2004, 2005 and 2006, triggering an overfishing concern. The stock was determined by NMFS to be in a state of decline on April 7, 2007. Because the stock was considered overfished as a result of the escapement failure from 2004-2006, a rebuilding plan is required. The Council submitted recommendations to NMFS in June 2008 that proposed to end the overfishing
25. The PFMC manages these fisheries consistent with provisions of the Pacific Salmon Treaty. These stocks originate from either U.S. or Canadian waters and are managed as mixed stock fisheries.
26. Oregon Coastal Natural (OCN) coho are managed subject to the provisions of Amendment 13 to the Salmon FMP. The southern stock complex is listed as a threatened species under the ESA as part of the Southern Oregon / Northern California Coasts Coho ESU (May 6, 1997), and the northern components, Oregon Coast coho, are also listed as threatened. The OCN stocks have met their management objectives in recent years.
27. This stock failed to meet its conservation objective for 3 consecutive years in 2006, 2007, and 2008. The PFMC was notified on July 31, 2009 that they are required to develop a rebuilding plan for this stock and have 2 years from this date to implement a plan.
28. This stock failed to meet its conservation objective for 3 consecutive years in 2005, 2006, and 2007. The PFMC was notified on July 31, 2009 that they are required to develop a rebuilding plan for this stock and have 2 years from this date to implement a plan.
29. Northern Mariana Islands Bottomfish Multi-species Complex contains 16 species. Stock assessments are currently made for the multi-species complex. MSY is estimated for deep-water complex only, no MSY for the shallow-water complex.
30. American Samoa Coral Reef Ecosystem Multi-species Complex contains 104 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa".
31. The Guam Coral Reef Ecosystem Multi-species Complex contains 117 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa".
32. The Northern Mariana Islands Coral Reef Ecosystem Multi-species Complex contains 117 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa".
33. The Pacific Island Remote Areas Coral Reef Ecosystem Multi-species Complex contains 54 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa." The Pacific remote island areas (PRIA) are U.S. island possessions in the Pacific Ocean that include Palmyra Atoll, Kingman Reef, Jarvis Island, Baker Island, Howland Island, Johnston Atoll, Wake Island, and Midway Atoll. All reefs of the PRIA except Wake Island, which is under the jurisdiction of the Department of Defense, are National Wildlife Refuges. Fishing for coral reef-associated species is prohibited in all these areas except Palmyra Atoll, Johnston Atoll, Wake Island, and Midway
34. The Northwestern Hawaiian Islands Lobster Complex include *Panulirus marginatus* (spiny lobster), *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp). Harvest quota for lobster is set at zero for the commercial lobster fishery in Northwest Hawaiian Islands Marine National Monument.
35. The Main Hawaiian Islands Lobster Complex include *Panulirus marginatus* (spiny lobster), *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp). Harvest quota for lobster is set at zero for the commercial lobster fishery in Northwest Hawaiian Islands Marine National Monument.
36. The American Samoa Archipelago Crustaceans include *Panulirus marginatus* (spiny lobster), *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp).
37. The Guam Crustaceans/Mariana Archipelago Crustaceans include *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp). There are no available estimates of MSY values for Guam and Northern Mariana Island lobster or crab fisheries. The MSY for deepwater shrimp has been estimated for the Mariana Archipelago at 200 kg/nmi<sup>2</sup>
38. Northern Mariana Island Crustaceans/Mariana Archipelago Crustaceans include *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp). There are no available estimates of MSY values for Guam and Northern Mariana Island lobster or crab fisheries. The MSY for deepwater shrimp has been estimated for the Mariana Archipelago at 200 kg/nmi<sup>2</sup>.
39. The Pacific Remote Island Areas Crustaceans include *Panulirus marginatus* (spiny lobster), *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp).
- Octopus *Bathypolypus arcticus*, Pacific Sleeper Shark, Salmon Shark, Spiny Dogfish, Alaska Skate, Aleutian Skate, Bering Skate, Big Skate, Butterfly Skate, Commander Skate, Deepsea Skate, Mud Skate, Okhotsk Skate, Roughshoulder Skate, Roughtail Skate, Whiteblotched Skate, and Whitebrow Skate. The overfishing determination is based on the OFL, which is computed by using abundance estimates of skates and sculpins and average historical catch for sharks and octopus.
40. The management unit includes *Auxis* spp. (frigate mackerels), *Allothenus* spp. (slender tunas), and *Scomber* spp. (mackerels).
41. The Squid Complex contains *Ommastrephes bartamii* (neon flying squid), *Thysanoteuthis rhombus* (diamondback squid), and *Sthenoteuthis oualaniensis* (purple flying squid.)
42. The Au'au Bed contains up to 3 species of black coral including *Antipathes grandis*, *Antipathes dichotoma*, and *Myriopathes ulex*.
43. Moratorium on gold coral (*Gerardia* spp) through June 30, 2013 to prevent overfishing. The coral bed contains up to 12 taxa including *Corallium secundum*, *Corallium regale*, *Corallium laauense*, *Gerardia* spp., *Callogorgia gilberti*, *Narella* spp., *Cabobrtrothora* spp., *Ibidisis olata*, *Acanella* spp., *Antipathes orandis*, *Antipathes oriovi*, and *Myriopathes ulex*.
44. There has been virtually no fishing for this stock since 2001 and fishing mortality has been virtually zero since then.

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45. The Other Flatfish Complex consists of the following stocks: Arctic Flounder, Butter Sole, Curlfin Sole, Deepsea Sole, Dover Sole, English Sole, Longhead Dab, Pacific Sanddab, Petrale Sole, Rex Sole, Roughscale Sole, Sakhalin Sole, Sand Sole, Slender Sole, and Starry Flounder. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.
46. The Other Rockfish Complex consists of the following stocks: Dark Rockfish, Dusky Rockfish, Harlequin Rockfish, Redbanded Rockfish, Redstripe Rockfish, Sharpchin Rockfish, Shortspine Thornyhead, and Yelloweye Rockfish. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.
47. The Other Species Complex consists of the following stocks: Antlered Sculpin, Arctic Staghorn Sculpin, Armorhead Sculpin, Banded Irish Lord, Bigmouth Sculpin, Blackfin Sculpin, Blacknose Sculpin, Blob Sculpin, Bride Sculpin, Broadfin Sculpin, Butterfly Sculpin, Crescent-tail Sculpin, Crested Sculpin, Darkfin Sculpin, Eyeshade Sculpin, Flabby Sculpin, Fourhorn Sculpin, Great Sculpin, Grunt Sculpin, Leister Sculpin, Longfin Irish Lord, Longfin Sculpin, Northern Sculpin, Pacific Hookear Sculpin, Pacific Staghorn Sculpin, Plain Sculpin, Purplegray Sculpin, Red Irish Lord, Ribbed Sculpin, Roughskin Sculpin, Roughspine Sculpin, Sailfin Sculpin, Scaled Sculpin, Scalybreasted Sculpin, Scissortail Sculpin, Slim Sculpin, Smoothcheek Sculpin, Spatulate Sculpin, Spectacled Sculpin, Spinyhead Sculpin, Sponge Sculpin, Tadpole Sculpin, Thorny Sculpin, Threaded Sculpin, Uncinate Sculpin, Warty Sculpin, Wide-eye Sculpin, Yellow Irish Lord, Flapjack Devilfish, Giant Pacific Octopus, Pelagic Octopus, Smoothskin Octopus, Octopus *Benthoctopus oregonensis*, Octopus *Graneledone boreopacifica*, Octopus *Bathypolypus arcticus*, Pacific Sleeper Shark, Salmon Shark, Spiny Dogfish, Alaska Skate, Aleutian Skate, Bering Skate, Big Skate, Butterfly Skate, Commander Skate, Deepsea Skate, Mud Skate, Okhotsk Skate, Roughshoulder Skate, Roughtail Skate, Whiteblotched Skate, and Whitebrow Skate. The overfishing determination is based on the OFL, which is computed by using abundance estimates of skates and sculpins and average historical catch for
48. The Squid Complex consists of the following stocks: Squid *Belonella borealis*, Squid *Berryteuthis anonychus*, Squid *Berryteuthis magister*, Squid *Chiroteuthis calyx*, Squid *Cranchia sabra*, Squid *Eogonatus tinro*, Squid *Galiteuthis phyllura*, Squid *Gonatopsis borealis*, Squid *Gonatopsis makkeo*, Squid *Gonatus berryi*, Squid *Gonatus kamtschaticus*, Squid *Gonatus madokai*, Squid *Gonatus onyx*, Squid *Gonatus pyros*, Squid *Histioteuthis boylei*, Squid *Moroteuthis robusta*, and Squid *Rossia pacifica*. The overfishing determination is based on the OFL, which is equal to average historical catch.
49. The Other Skates Complex consists of the following stocks: Alaska Skate, Aleutian Skate, Bering Skate, Deepsea Skate, Roughshoulder Skate, Roughtail Skate, and Whiteblotched Skate. The overfishing determination is based on the combined abundance estimates of these species.