

Supplementary Material

Characterizing and comparing marine fisheries ecosystems in the United States: determinants of success in moving toward ecosystem-based fisheries management

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Table S1. Criteria Used to Characterize and Compare U.S. Fishery Ecosystems, Including Data Sources. Asterisks indicate indicators that were not included in comparative synthesis rankings. Bold type under the Ecosystem Indicator/Variable heading indicates particular subsets of a given indicator type that were included in comparative synthesis rankings.

Criteria	Ecosystem Indicator/Variable	Data Source	URL
Natural Systems and Phenomena - Oceanographic and Habitat Context	Annual Sea Surface Temperature	NOAA National Centers for Environmental Information Extended Reconstructed Sea Surface Temperature (ERSST)	https://www.ncdc.noaa.gov/data-access/marineocean-data/extended-reconstructed-sea-surface-temperature-ersst-v3b
	Major Currents and Circulation Patterns of the U.S. Exclusive Economic Zone (EEZ) and Great Lakes Region*	Satellite Applications for Geoscience Education; Beletsky et al. 1999	https://cimss.ssec.wisc.edu/sage/oceanography/lesson3/images/ocean_currents2.jpg
<i>Climatological Context</i>	Major Climate Forcing (e.g., NAO, PDO, etc.)*	NOAA Earth System Research Laboratory	https://www.esrl.noaa.gov/psd/data/climateindices/list/
	Change in Annual Sea Surface Temperature Over Time	NOAA National Centers for Environmental Information Extended Reconstructed Sea Surface Temperature (ERSST)	https://www.ncdc.noaa.gov/data-access/marineocean-data/extended-reconstructed-sea-surface-temperature-ersst-v3b
<i>Notable Physical Features</i>	Major Bays and Islands*	Google Earth	https://www.google.com/earth/
	Area, Depth, and Miles of Coastline per Region Throughout U.S. Exclusive Economic Zone (EEZ)*	General Bathymetric Chart of the Oceans (GEBCO), NOAA Office of Coast Survey U.S. Maritime Boundaries and Limits, and derived National Fish Habitat Partnership Spatial Framework from U.S. Maritime Boundaries	https://coastalscience.noaa.gov/project/national-fish-habitat-action-plan-coastal-assessment/ ; https://www.gebco.net/ ; https://nauticalcharts.noaa.gov/data/us-maritime-limits-and-boundaries.html
<i>Destabilizing Events and Phenomena</i>	Number of Hurricanes or Typhoons (and per decade)	NOAA Office for Coastal Management Digital Coast	https://coast.noaa.gov/hurricanes/
	Annual Extent of Gulf of Mexico Bottom Water Hypoxia	Gulf of Mexico Hypoxia Database, Louisiana Universities Marine Consortium (LUMCON)	https://gulfhypoxia.net/research/shelfwide-cruises/
	Proportion of Sea Ice Extent	NOAA Earth System Research Laboratory	https://www.esrl.noaa.gov/psd/data/gridded/data.noaa.oisst.v2.highres.html

Criteria	Ecosystem Indicator/Variable	Data Source	URL
Human Environment - Social Context	Human Population/Coastal Population Density	U.S. Census, NOAA	https://coast.noaa.gov/digitalcoast/data/demographictrends.html
<i>Other Ocean Use Context</i>	Number of Tourism Indicators (Dive Shops, Major Ports/Marinas, Cruise Ship/Passenger Metrics)	Professional Association of Diving Instructors (PADI), U.S. Department of Transportation	http://apps.padi.com/scuba-diving/dive-shop-locator/ ; https://www.transportation.gov/
	Average Number of Oil Rigs	Baker Hughes Rotary Rig Counts	http://phx.corporate-ir.net/phoenix.zhtml?c=79687&p=irol-reports other
	Current Number of Offshore Wind Energy Areas	Bureau of Ocean Energy Management (BOEM)	https://www.boem.gov/
Governance and Science Systems - Management Context	Organizations Responsible for Environmental and Fisheries Management, Decisions, Implementation, and Enforcement	NOAA Fisheries Office of Sustainable Fisheries	http://www.nmfs.noaa.gov/sfa/
	Number of States and Congressionals (and per mile and total value of fisheries)	U.S. Census	https://www.census.gov/geo/maps-data/data/cbf/cbf_cds.html
	Composition of Regional Fishery Management Council Members and Atlantic Highly Migratory Species Advisory Panel	NOAA Fisheries Office of Sustainable Fisheries Council Reports to Congress (1990-2016)	http://www.nmfs.noaa.gov/sfa/management/councils/report_congress/reports.htm
	Composition of Marine Mammal Scientific Review Committee Members	NOAA Fisheries Office of Protected Resources Scientific Review Committee Reports (1995-2017)	http://www.nmfs.noaa.gov/pr/sars/group.htm

Criteria	Ecosystem Indicator/Variable	Data Source	URL
Governance and Science Systems - Fishery/Systematic	Major Environmental Mandates, Authorities, and Legislation*	Foran et al. 2016; U.S. Fish and Wildlife Service Digest of Federal Resource Laws	https://www.fws.gov/laws/lawsdigest/Resourcelaws.html
<i>Fishery</i>	Number of Fishery Management Plans and Amendments	NOAA Fisheries	http://www.nmfs.noaa.gov/sfa/
<i>Systematic</i>	Number of Fishery Ecosystem Plans and Amendments	NOAA Fisheries	http://www.nmfs.noaa.gov/sfa/
	Number of Habitat Areas of Particular Concern (HAPCs), and List of National Parks, National Lakeshores/Seashores, National Estuarine Research Reserves, NOAA National Marine Sanctuaries, and NOAA Habitat Focus Areas	NOAA Fisheries Office of Habitat Conservation, NOAA National Estuarine Research Reserve System, NOAA Office of Marine Sanctuaries, National Park Service	http://www.habitat.noaa.gov/protection/efh/newInv/index.html ; https://coast.noaa.gov/nerrs/ ; https://sanctuaries.noaa.gov/ ; https://www.nps.gov/findapark/index.htm
	Current Number and Area of Closed Areas and Locations where Fishing is Prohibited or Restricted, and Percent of EEZ where Fishing is Permanently Prohibited	NOAA Marine Protected Areas Inventory	https://marineprotectedareas.noaa.gov/dataanalysis/mpainventory/
<i>Organizational</i>	Budget of Regional Fishery Management Council Relative to Value of Fisheries	NOAA Fisheries Office of Sustainable Fisheries, NOAA Fisheries Commercial Fisheries Statistics	http://www.nmfs.noaa.gov/sfa/ ; https://www.st.nmfs.noaa.gov/commercial-fisheries/commercial-landings/annual-landings/index

Criteria	Ecosystem Indicator/Variable	Data Source	URL
Governance and Science Systems - Organizational	Cumulative Number of National Environmental Policy Act (NEPA) Actions Per Region	U.S. Environmental Protection Agency Environmental Impact Statement (EIS) Database	https://cdxnodengn.epa.gov/cdx-enepa-public/action/eis/search
	Total Number of Fisheries-Related Lawsuits per Region (and per year)	NOAA Office of General Council	http://www.gc.noaa.gov/
Basal Ecosystem Production	Mean Surface Chlorophyll a	NASA Ocean Color Web	https://oceancolor.gsfc.nasa.gov/
	Total Primary Production	NASA Ocean Color Web - Vertically Generalized Production Model (VGPM)	https://oceancolor.gsfc.nasa.gov/
Status of Living Marine Resources - Targeted Resources	Number and List of Managed Targeted and Prohibited Species, Stocks, and Taxa	NOAA Fisheries	http://www.nmfs.noaa.gov/
	Number/ Percent of Stocks Overfished, Experiencing Overfishing, and of Unknown Status	NOAA Fisheries Office of Sustainable Fisheries	http://www.nmfs.noaa.gov/sfa/fisheries_eco/status_of_fisheries/status_updates.html
	Total Commerical and Recreational Fisheries Landings (and per km ²)	NOAA Fisheries Commercial and Recreational Fisheries Statistics, Alaska Department of Fish and Game Recreational Fisheries Statistics, Pacific Fishery Management Council Recreational Statistics, Pacific States Marine Fisheries Commission Recreational Fisheries Information Network (RecFIN), NOAA Office of Coast Survey U.S. Maritime Boundaries and Limits	https://www.st.nmfs.noaa.gov/commercial-fisheries/commercial-landings/annual-landings/index ; http://www.st.nmfs.noaa.gov/recreational-fisheries/index ; http://www.adfg.alaska.gov/sf/sportfishingsurvey/ ; https://www.pcouncil.org/ ; www.recfin.org ; https://nauticalcharts.noaa.gov/data/us-maritime-limits-and-boundaries.html

Criteria	Ecosystem Indicator/Variable	Data Source	URL
Status of Living Marine Resources - Protected Resources	Number and List of Managed Protected Species, Stocks, and Taxa	NOAA Fisheries Office of Protected Resources	http://www.nmfs.noaa.gov/pr/
	Number/ Percent of Marine Mammal Strategic Stocks and of Unknown Population Size	NOAA Fisheries Office of Protected Resources	http://www.nmfs.noaa.gov/pr/sars/region.htm
	Number of ESA-Listed Threatened and Endangered Species	NOAA Fisheries Office of Protected Resources, U.S. Fish and Wildlife Service	http://www.nmfs.noaa.gov/pr/species/esa/listed.htm ; https://www.fws.gov/endangered/species/us-species.html
<i>Non-targeted Resources</i>	Total Bycatch (by weight and number of individuals reported)	NOAA Fisheries National Bycatch Report Database	https://www.st.nmfs.noaa.gov/
<i>System Exploitation</i>	Number of Taxa Captured by Commercial and Recreational Fisheries	NOAA Fisheries Commercial and Recreational Fisheries Statistics, Alaska Department of Fish and Game Recreational Fisheries Statistics, Pacific Fishery Management Council Recreational Statistics, Pacific States Marine Fisheries Commission Recreational Fisheries Information Network (RecFIN)	https://www.st.nmfs.noaa.gov/commercial-fisheries/commercial-landings/annual-landings/index ; http://www.st.nmfs.noaa.gov/recreational-fisheries/index ; http://www.adfg.alaska.gov/sf/sportfishingsurvey/ ; https://www.pcouncil.org/ ; www.recfin.org
	Total Fish and/or Invertebrate Biomass	NOAA Fisheries, Rutgers Ocean Adapt Database	http://www.nmfs.noaa.gov/ ; http://oceanadapt.rutgers.edu/
	Ratio of Total Fisheries Landings to Total Biomass	NOAA Fisheries Commercial and Recreational Fisheries Statistics, Alaska Department of Fish and Game Recreational Fisheries Statistics, Pacific Fishery Management Council Recreational Statistics, Pacific States Marine Fisheries Commission Recreational Fisheries Information Network (RecFIN), NOAA Fisheries, Rutgers Ocean Adapt Database	https://www.st.nmfs.noaa.gov/commercial-fisheries/commercial-landings/annual-landings/index ; http://www.st.nmfs.noaa.gov/recreational-fisheries/index ; http://www.adfg.alaska.gov/sf/sportfishingsurvey/ ; https://www.pcouncil.org/ ; www.recfin.org ; http://www.nmfs.noaa.gov/ ; http://oceanadapt.rutgers.edu/

Criteria	Ecosystem Indicator/Variable	Data Source	URL
Status of Living Marine Resources - System Exploitation	Ratio of Total Biomass to Total Primary Production	NOAA Fisheries, Rutgers Ocean Adapt Database, NASA Ocean Color Web - Vertically Generalized Production Model (VGPM)	http://www.nmfs.noaa.gov/ ; http://oceanadapt.rutgers.edu/ ; https://oceancolor.gsfc.nasa.gov/
	Ratio of Total Fisheries Landings to Total Primary Production	NOAA Fisheries Commercial and Recreational Fisheries Statistics, Alaska Department of Fish and Game Recreational Fisheries Statistics, Pacific Fishery Management Council Recreational Statistics, Pacific States Marine Fisheries Commission Recreational Fisheries Information Network (RecFIN), NASA Ocean Color Web - Vertically Generalized Production Model (VGPM)	https://www.st.nmfs.noaa.gov/commercial-fisheries/commercial-landings/annual-landings/index ; http://www.st.nmfs.noaa.gov/recreational-fisheries/index ; http://www.adfg.alaska.gov/sf/sportfishingsurvey/ ; https://www.pcouncil.org/ ; www.recfin.org ; https://oceancolor.gsfc.nasa.gov/
Status of Marine Socioeconomics - Economic	Regional Economy of Fisheries (GDP) and Percent Regional Economy Dependent on Fisheries	National Ocean Economics Program	http://www.oceaneconomics.org/Market/ocean/oceanEcon.asp
	Number of Permitted Vessels	NOAA Fisheries Office of Sustainable Fisheries Council Reports to Congress (1990-2016)	http://www.nmfs.noaa.gov/sfa/management/councils/report_congress/reports.htm
	Total Value of Commercial Fisheries	NOAA Fisheries Commercial Fisheries Statistics	https://www.st.nmfs.noaa.gov/commercial-fisheries/commercial-landings/annual-landings/index
<i>Social</i>	Regional Economy of Fisheries (Number of Establishments, Employments) and Percent Regional Economy Dependent on Fisheries	National Ocean Economics Program	http://www.oceaneconomics.org/Market/ocean/oceanEcon.asp
<i>Economic/Social</i>	Ratio of Total LMR Employments (Jobs) to Total Biomass	National Ocean Economics Program, NOAA Fisheries, Rutgers Ocean Adapt Database	http://www.oceaneconomics.org/Market/ocean/oceanEcon.asp

Criteria	Ecosystem Indicator/Variable	Data Source	URL
Status of Marine Socioeconomics - Economic/Social	Ratio of Total Value (Revenue) of Commercial Fisheries to Total Biomass	National Ocean Economics Program, NOAA Fisheries, Rutgers Ocean Adapt Database	http://www.oceaneconomics.org/Market/ocean/oceanEcon.asp
	Ratio of Total LMR Employments (Jobs) to Total Primary Production	National Ocean Economics Program, NASA Ocean Color Web - Vertically Generalized Production Model (VGPM)	http://www.oceaneconomics.org/Market/ocean/oceanEcon.asp
	Ratio of Total Value (Revenue) of Commercial Fisheries to Total Primary Production	National Ocean Economics Program, NASA Ocean Color Web - Vertically Generalized Production Model (VGPM)	http://www.oceaneconomics.org/Market/ocean/oceanEcon.asp

Table S2. Federal and State agencies and organizations responsible for fisheries and environmental consulting and management per US Region.

Region	Subregion	Federal Agencies with Marine Resource Interests	Council	State Agencies & Cooperatives	Multi-Jurisdictional
N Pacific	Eastern Bering Sea/Aleutian Islands	US Department of Commerce DoC NOAA Fisheries Alaska Fisheries Science Center AFSC , Alaska Regional Office AKRO ;	North Pacific Fishery Management Council NPFMC	Alaska Department of Fish & Game ADFG ;	International Pacific Halibut Commission IPHC ;
	Gulf of Alaska	US Department of Defense DoD US Army Corps of Engineers ACOE , US Department of the Navy DoN Office of Naval Research ONR ; US Department of Interior DoI US Fish and Wildlife Service FWS , National Park Service NPS , Bureau of Ocean Energy Management BOEM , US Geological Survey USGS); US Environmental Protection Agency EPA		Alaska Department of Natural Resources ADNR ; Alaska State Legislature; Pacific States Marine Fisheries Commission PSMFC ; North Pacific Research Board (Together with DoC) NPRB	North Pacific Fisheries Commission NPFC ; Pacific Salmon Commission PSC
	Arctic	DoC AFSC, AKRO ; DoD DoN ONR ; DoI FWS, NPS, BOEM, USGS ; US Department of State	NPFMC	ADFG ; ADNR ; Alaska Department of Commerce, Community, and Economic Development DCCED ; Alaska State Legislature; NPRB	North Atlantic Treaty Organization NATO ; International Arctic Research Policy Committee IARPC ; Arctic Research Consortium of the US ARCUS

Region	Subregion	Federal Agencies with Marine Resource Interests	Council	State Agencies & Cooperatives	Multi-Jurisdictional
Pacific		DoC NOAA Fisheries Northwest Fisheries Science Center NWFSC, Southwest Fisheries Science Center SWFSC, West Coast Regional Office WCRO, NOAA Office of National Marine Sanctuaries NMS; DoI FWS, NPS, BOEM, USGS; EPA	Pacific Fishery Management Council PFMC	PSMFC ; California Department of Fish & Wildlife - Fish & Game Commission; Idaho Department of Fish & Game; Oregon Department of Fish & Wildlife Marine Fisheries; Washington Department of Fish & Wildlife	Columbia River InterTribal Fish Commission; Convention for the Conservation of Antarctic Marine Living Resources CCAMLR ; Inter-American Tropical Tuna Commission IATTC ; IPHC ; International Scientific Committee for Tuna & Tuna-Like Species in the Northern Pacific Ocean ISCTTS ; NPFC ; NW Indian Fisheries Commission; PSC ; Pacific Whiting Treaty PWT

Region	Subregion	Federal Agencies with Marine Resource Interests	Council	State Agencies & Cooperatives	Multi-Jurisdictional
W Pacific	Hawaii	DoC NOAA Fisheries Pacific Islands Fisheries Science Center PIFSC , Pacific Islands Regional Office PIRO , NMS; DoI (FWS, NPS, BOEM, USGS); EPA	Western Pacific Fishery Management Council WPFMC	State of Hawaii Division of Aquatic Resources	Coral Reef Task Force CRTF ; Hawaii Coral Reef Institute HCRI ; IATTC ; International Society for Reef Studies ISRS ; Western and Central Pacific Fish Commission WCPFC
W Pacific	Territories	DoC PIFSC, PIRO, NMS; DoI FWS, NPS, BOEM, USGS; EPA	WPFMC	American Samoa Department of Marine and Wildlife Resources DMWR ; Guam Division of Aquatics and Wildlife Resources DAWR ; Commonwealth of the Northern Mariana Islands (CNMI) Division of Fish and Wildlife	Commission for the Conservation of Southern Bluefin Tuna CCSBT ; CRTF ; IATTC ; ISRS ; South Pacific Tuna Treaty SPTT ; South Pacific Regional Fisheries Management Organisation SPRFMO ; WCPFC

Region	Subregion	Federal Agencies with Marine Resource Interests	Council	State Agencies & Cooperatives	Multi-Jurisdictional
Gulf of Mexico		DoC NOAA Fisheries Southeast Fisheries Science Center SEFSC , Southeast Regional Office SERO , NMS ; DoI FWS, NPS, BOEM, USGS ; EPA	Gulf of Mexico Fishery Management Council GMFMC	Gulf States Marine Fisheries Commission GSMFC ; Texas Parks and Wildlife Department TPWD ; Louisiana Department of Wildlife and Fisheries LDWF ; Mississippi Department of Wildlife, Fisheries & Parks MDWFP ; Alabama Department of Conservation and Natural Resources ADCNR ; Florida Fish and Wildlife Conservation Commission FWC	CRTF ; International Commission for the Conservation of Atlantic Tunas ICCAT ; ISRS ; National Coral Reef Institute NCRI ; United States-Mexico Fisheries Cooperation Program FCP
U.S. Caribbean		DoC SEFSC, SERO ; DoI FWS, NPS, BOEM, USGS ; EPA	Caribbean Fishery Management Council CFMC	Puerto Rico Department of Natural and Environmental Resources PR-DNER ; US Virgin Islands Division of Fish and Wildlife; US Virgin Islands Department of Planning and Natural Resources	Allied Marine Laboratories of the Caribbean AMLC ; Caribbean Coral Reef Institute CCRI ; CRTF ; Western Central Atlantic Fisheries Commission WECAFC ; ICCAT ; ISRS

Region	Subregion	Federal Agencies with Marine Resource Interests	Council	State Agencies & Cooperatives	Multi-Jurisdictional
South Atlantic		DoC SEFSC, SERO, NMS; DoI FWS, NPS, BOEM, USGS; EPA	South Atlantic Fishery Management Council SAFMC	Atlantic States Marine Fisheries Commission ASMFC ; FWC ; Georgia Department of Natural Resources; S Carolina Department of Natural Resources; N Carolina Department of Environmental Quality - Division of Marine Fisheries	CRTF ; ICCAT ; ISRS ; NCRI

Region	Subregion	Federal Agencies with Marine Resource Interests	Council	State Agencies & Cooperatives	Multi-Jurisdictional
Mid-Atlantic		DoC NOAA Fisheries Northeast Fisheries Science Center NEFSC, Greater Atlantic Regional Fisheries Office GARFO, NMS, NOAA Chesapeake Bay Office CBO; DoI FWS, NPS, BOEM, USGS; EPA	Mid-Atlantic Fishery Management Council MAFMC	ASMFC; N Carolina Department of Environmental Quality - Division of Marine Fisheries; Virginia Marine Resources Commission; Maryland Department of Natural Resources; Delaware Department Natural Resources and Environmental Control - Division of Fish & Wildlife; New Jersey Department of Environmental Protection - Division of Fish and Wildlife (Marine Fisheries Council); Pennsylvania Fish and Boat Commission; New York Department of Environmental Conservation - Division of Fish and Wildlife	Chesapeake Bay Commission; ICCAT; Northwest Atlantic Fisheries Organization NAFO

Region	Subregion	Federal Agencies with Marine Resource Interests	Council	State Agencies & Cooperatives	Multi-Jurisdictional
New England		DoC NEFSC, GARFO, NMS; DoI FWS, NPS, BOEM, USGS; EPA	New England Fishery Management Council NEFMC	ASMFC ; Connecticut Dept of Energy and Environmental Protection; Rhode Island Department of Environmental Management - Marine Fisheries Section; Massachusetts Department of Fish and Game - Division of Marine Fisheries; New Hampshire Fish and Game; Maine Department of Marine Resources	North Atlantic Salmon Conservation Organization NASCO ; NAFO ; Transboundary Management Guidance Committee TMOC ; Transboundary Resources Assessment Committee TRAC
Atlantic Highly Migratory Species		DoC NOAA Fisheries Office of Sustainable Fisheries Highly Migratory Species Division HMS ; SEFSC		ASFMC	ICCAT

Region	Subregion	Federal Agencies with Marine Resource Interests	Council	State Agencies & Cooperatives	Multi-Jurisdictional
Great Lakes		DoC NOAA Great Lakes Environmental Research Laboratory GLERL; US Department of Agriculture; DoI FWS, NPS, BOEM, USGS Great Lakes Science Center GLSC; EPA		Michigan Department of Natural Resources; Minnesota Department of Natural Resources; Wisconsin Department of Natural Resources; Indiana Department of Natural Resources; Illinois Department of Natural Resources; Ohio Department of Natural Resources; Pennsylvania Department of Conservation and Natural Resources; New York Department of Environmental Conservation	International Joint Commission IJC; Great Lakes Commission GLC; Great Lakes Fishery Commission GLFC; Great Lakes Indian Fish & Wildlife Commission

Region	Subregion	Federal Agencies with Marine Resource Interests	Council	State Agencies & Cooperatives	Multi-Jurisdictional
National/Other					International Union for the Conservation of Nature IUCN; International Whaling Commission IWC; Subcommittee on Ocean Science and Technology SOST (Participation from NOAA, National Aviation and Space Administration NASA, U.S. Department of Energy DOE, U.S. National Science Foundation NSF)

Table S3. List of relevant mandates, authorities, and legislation for management of marine fisheries and environmental resources. Derived from Foran et al. 2016 and Digest of Federal Resource Laws (<https://www.fws.gov/laws/lawsdigest/Resourcelaws.html>). Please see those references for further descriptions. Names in bold refer to commonly used acronyms in reference to a given piece of legislation.

Legislation	Year
Magnuson-Stevens Fishery Conservation and Management Act MSA	1976
Endangered Species Act ESA	1973
Marine Mammal Protection Act MMPA	1972
Migratory Bird Treaty Act	1918
Federal Ocean Acidification Research and Monitoring Act FOARAM Act	2009
Fish and Wildlife Coordination Act FWCA	1934
Oil Pollution Act OPA	1990
Comprehensive Environmental Response, Compensation, and Liability Act CERCLA	1980
National Environmental Policy Act NEPA	1970
Coast and Geodetic Survey Act	1947
Federal Records Act	1950
Federal Aid in Sportfish Restoration Act	1950
Federal Aid in Wildlife Restoration Act	1950
Watershed Protection and Flood Prevention Act	1954
Fish and Wildlife Act	1956
Great Lakes Fishery Act	1956
Water Resources Planning Act	1962
Land and Water Conservation Fund	1963
Anadromous Fish Conservation Act	1965
National Sea Grant College Program Act	1966
Fur Seal Act	1966
Estuary Protection Act	1968
North American Wetlands Conservation Act	1968
National Marine Sanctuaries Act (16 USC 1431-1439)	1972
Coastal Zone Management Act (CZMA)	1972
Marine Protection, Research, and Sanctuaries Act (16 U.S.C. § 1431; PL 106-513) aka "Ocean Dumping Act"	1972

Legislation	Year
Water Pollution Prevention and Control Act (33 U.S.C. § 1268)	1972
Toxic Substances Control Act	1976
National Climate Program Act	1978
National Ocean Pollution and Planning Act	1978
Port and Tanker Safety Act	1978
Fish and Wildlife Improvement Act	1978
National Aquaculture Act	1980
Fish and Wildlife Conservation Act	1980
Salmon and Steelhead Conservation and Enhancement Act	1980
Lacey Act Amendments (16 USC 3371-3378)	1981
Interjurisdictional Environment Protection Act	1983
Atlantic Striped Bass Conservation Act	1984
National Fish and Wildlife Foundation Establishment Act	1984
Emergency Wetlands Resources Act	1986
Interjurisdictional Fisheries Act	1986
Navigation and Navigable Water-Water Resource Development-Great Lakes Water Quality Agreement of 1978 33 USC 2326B	1987
Russian River Fishery Resources Study	1988
Clean Air Act	1990
Global Climate Change Protection Act	1990
Regional Marine Research Program 16 USC 1447B	1990
Coastal Wetlands Planning, Protection, and Restoration Act	1990
Dolphin Protection Consumer Information Act	1990
Great Lakes Critical Programs Act	1990
Great Lakes Fish and Wildlife Restoration Act	1990
New England Fishery Resources Restoration Act	1990
Nonindigenous Aquatic Nuisance Prevention and Control Act	1990
High Performance Computing and Communication Act	1991
National Coastal Monitoring Act	1992
NOAA Chesapeake Bay Watershed Monitoring, Education, Training, and Restoration Act - amendments to Section 307 of the National Oceanic and Atmospheric Administration Authorization Act (15 U.S.C. 1511d)	1992

Legislation	Year
Great Lakes Tissue Bank	1992
National Oceanic and Atmospheric Administration Authorization Act	1992
Clean Vessel Act	1992
The Atlantic Coastal Fisheries Cooperative Management Act	1993
Government Performance & Results Act	1993
Aquatic Nuisance Species Program 16 USC 4722	1994
National Invasive Species Act	1996
Hydrographic Services Improvement Act	1998
Harmful Algal Bloom and Hypoxia Research and Control Act	1998
Estuary Restoration Act	2000
Coral Reef Conservation Act	2000
Oceans Act	2000
Water Resources Development Act	2000
Estuaries and Clean Waters Act	2000
Data Quality Act	2001
Inland Flood Forecasting and Warning System Act	2002
Coastal Ocean Program (§ 201 (c); PL 102-567)	2002
Consolidated Appropriations Act	2005
National Integrated Drought Information System Act	2006
Tsunami Warning and Education Act	2006
Establishment of the Papahānaumokuākea Marine National Monument (71 FR 36433/10031; PP 8031/8112)	2006
Marine Debris Research Prevention and Reduction Act	2006
America Competes Act	2007
Integrated Coastal and Ocean Observation System Act	2009
Secure Water Act	2009
Ocean and Coastal Mapping Integration Act	2009
NOAA Undersea Research Program Act	2009
Ocean Exploration Act *PL111-11	2009
Resources and Ecosystems Sustainability, Tourism Opportunities and Revived Economy of the Gulf Coast Act (RESTORE Act)	2011
High Seas Driftnet Fishing Moratorium Protection Act	2011

Legislation	Year
Billfish Conservation Act	2012
Oceans and Human Health Act	2012
Ocean Exploration Authority	2013
 Major International Agreements and Programs	
International Pacific Halibut Commission	1923
International Whaling Commission	1946
Convention for the Establishment of an Inter-American Tropical Tuna Commission	1949
Convention for the International Council for the Exploration of the Sea	1964
International Convention for the Safety of Life at Sea	1974
Convention on International Trade in Endangered Species of Wild Fauna and Flora	1975
Great Lakes Water Quality Agreement	1978
Convention on Future Multilateral Cooperation in the Northwest Atlantic Fisheries	1979
United Nations Straddling and Highly Migratory Fish Stocks Agreement	1982
Convention for the Conservation of Antarctic Marine Living Resources	1982
Pacific Salmon Treaty	1985
UN Food and Agriculture Organization Code of Conduct for Responsible Fisheries	1985
US and Japan Fishery Agreement Approval Act	1987
Montreal Protocol on Substances that Deplete the Ozone Layer	1989
Convention for a North Pacific Marine Science Organization	1992
Yukon River Salmon Act	1995
International Scientific Commission (ISC) for Tuna and Tuna-Like Species in the North Pacific Ocean	1995
International Plan of Action for Reducing Incidental Catch of Seabirds in Longline Fisheries (IPOA-Seabirds)	1999
Inter-American Convention for the Protection and Conservation of Sea Turtles	2001
Western and Central Pacific Fisheries Convention	2004
U.N. Framework Convention on Climate Change	2016
 Executive Orders	
Enforcement of the Convention for the Safety of Life at Sea Executive Order 12234	1980
Coral Reef Conservation Executive Order 13089	1998

Legislation	Year
Executive Orders	
National Invasive Species Executive Order 13112	1999
Marine Protected Areas Executive Order 13158	2000
Responsibilities of Federal Agencies to Protect Migratory Birds Executive Order 13186	2001
Great Lakes Regional Collaboration Executive Order 13340	2004
Chesapeake Bay Restoration Executive Order 13508	2009
Federal Leadership in Environmental, Energy and Economic Performance - Executive Order 13514	2009
National Arctic Policy (National Security Presidential Directive (NSPD 66)/Homeland Security Presidential Directive (HSPD 25))	2009
The National Ocean Policy for the Stewardship of the Ocean, Our Coasts, and the Great Lakes Executive Order 13547	2010
Gulf of Mexico Long Term Restoration Executive Order 13554	2010
Planning for Federal Sustainability in the Next Decade Executive Order 13693 (Revoked Executive Order 13514)	2015

Table S4. List of major bays and islands, NOAA Habitat Focus Areas (HFAs), NOAA National Estuarine Research Reserves (NERRs), NOAA National Marine Monuments and Sanctuaries (NMS), Coastal National Parks, National Seashores and Lakeshores, and number of Habitats of Particular Concern (HAPCs) sets per region.

Region	Subregion	Major Bays	Major Islands	HFAs	NERRs	Monuments and NMS	Coastal National Parks	National Sea/Lakeshores	HAPCs
N Pacific	Eastern Bering Sea	Bristol Bay, Kuskokwim Bay, Kvichak Bay, Norton Sound	Aleutian Islands, Nunivak Island, Pribilof Islands, St. Lawrence Island				Aleutian World War II National Historic Area		2
	Gulf of Alaska	Cook Inlet, Glacier Bay, Kachemak Bay, Kukak Bay, Iniskin Bay, Icy Bay, Lituya Bay, Orca Bay, William Henry Bay, Yakutat Bay	Kodiak Island	Kachemak Bay, Alaska HFA	Kachemak Bay NERR		Aniakchak National Monument & Preserve, Katmai National Park & Preserve, Lake Clark National Park & Preserve, Kenai Fjords National Park, Wrangel-St. Elias National Park & Preserve, Glacier Bay National Park & Preserve, Sitka National Historical Park		3
	Arctic	Goodhope Bay, Prudhoe Bay, Smith Bay					Bering Land Bridge National Preserve, Cape Krusenstern National Monument, Inupiat Heritage Center		

Region	Subregion	Major Bays	Major Islands	HFAs	NERRs	Monuments and NMS	Coastal National Parks	National Sea/Lakeshores	HAPCs
Pacific	California Current	Arcata Bay, Baker Bay, Columbia River, Monterey Bay, Nestucca Bay, Netarts Bay, North Bay, Puget Sound, San Francisco Bay, Siletz Bay, Tillamook Bay, Willapa Bay, Yaquina Bay	Channel Islands, San Juan Islands	Russian River, California HFA	Padilla Bay NERR, South Slough NERR, San Francisco NERR, Elkhorn Slough NERR, Tijuana River NERR	Cordell Bank NMS, Channel Islands NMS, Gulf of the Farallones NMS, Monterey Bay NMS, Olympic Coast NMS	Ebey's Landing National Historical Reserve, Olympic National Park, Lewis and Clark National Historical Park, Redwood National Park, Golden Gate National Recreation Area, Fort Point National Historic Site, Presidio of San Francisco, Alcatraz Island, Rosie the Riveter WWII Home Front National Historical Park, Port Chicago Naval Magazine National Memorial, Channel Islands National Park, Santa Monica Mountains National Recreation Area, Cabrillo National Monument	Point Reyes National Seashore	29

Region	Subregion	Major Bays	Major Islands	HFAs	NERRs	Monuments and NMS	Coastal National Parks	National Sea/Lakeshores	HAPCs
W Pacific	Hawaii	A'iea Bay, Hanauma Bay, Hilo Bay, Kaneohe Bay, Mamala Bay, Maunalua Bay, Waimea Bay, Yokohama Bay	8 Main Hawaiian Islands (Hawai'i, Maui, O'ahu, Kaua'i, Moloka'i, Lāna'i, Ni'ihau, Kaho'olawe), 10 Northwest Hawaiian Islands (Necker <i>Mokumanamana</i> , French Frigate Shoals <i>Kānemiloha'i</i> , Gardner Pinnacles <i>Pūhāhonu</i> , Maro Reef <i>Nalukākala</i> , Laysan <i>Kauō</i> , Lisianski <i>Papaāpoho</i> , Pearl and Hermes Atoll <i>Holoikauaia</i> , Midway <i>Pihemanu</i> , Kure <i>Mokupāpapa</i>), 119 Islets	West Hawaii, Hawaii HFA	He'eia NERR	Hawaiian Islands Humpback Whale NMS, Papahānaumokuākea Marine National Monument	World War II in the Pacific National Memorial, Kalaupapa National Historical Park, Haleakala National Park, Hawaii Volcanoes National Park, Pu'uuhonua O Honaunau National Historical Park, Kaloko-Honokohau National Historical Park, Puukohola Heiau National Historic Site		36

Region	Subregion	Major Bays	Major Islands	HFAs	NERRs	Monuments and NMS	Coastal National Parks	National Sea/Lakeshores	HAPCs
W Pacific	American Samoa	Faga'itua Bay, Fagatele Bay, Larsen Bay, Vatia Bay	5 Islands (Tutuila, Aunu'u, Ofu, Olosega, T a'u), 2 Coral Atolls (Swains, Rose Atoll)			Fagatele Bay NMS, Rose Atoll Marine National Monument	National Park of American Samoa		12
	Marianas	Laolao Bay	16 Islands (Guam, Saipan, Tinian, Rota, Aguigan, Farallon de Pajaros, Maug Islands, Asuncion, Agrihan, Pagan, Alamagan, Guguan, Papaungan, Sarigan, Anatahan, Farallon de Medinilla)	Manell-Geus, Guam HFA			American Memorial, War in the Pacific National Historical Park		8
	Pacific Remote Islands		Baker Island, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Palmyra Atoll, Wake Island			Pacific Remote Islands Marine National Monument			10

Region	Subregion	Major Bays	Major Islands	HFAs	NERRs	Monuments and NMS	Coastal National Parks	National Sea/Lakeshores	HAPCs
Gulf of Mexico		Corpus Christi Bay, Aransas Bay, Matagorda Bay, Galveston Bay, Vermillion Bay, Bay St. Louis, Mississippi River Delta, Grand Bay, Mobile Bay, Pensacola Bay, Perdido Bay, Apalachicola Bay, Choctawhatchee Bay, West Bay, St. Andrew Bay, Apalachee Bay, Tampa Bay, Sarasota Bay, Estero Bay, Rookery Bay, Gullivan Bay, Whitewater Bay	Padre Island, San Jose Island, Matagorda Island, Galveston Island, Marsh Island, Chandeleur Islands, Cat Island, Shipp Island, Horn Island, Petit Bois Island, Dauphin Island, Ono Island, Perdido Key, Santa Rosa Island, St. George Island, Dog Island, Anclote Key, Honeymoon Island, Caladesi Island, Sanibel Island, Marco Island		Rookery Bay NERR, Apalachicola Bay NERR, Weeks Bay NERR, Grand Bay NERR, Mission-Aransas NERR	Flower Gardens NMS	Jean Lafitte National Historical Park and Preserve, De Soto National Memorial, Everglades National Park, Dry Tortugas National Park	Gulf Islands National Seashore, Padre Island National Seashore	17

Region	Subregion	Major Bays	Major Islands	HFAs	NERRs	Monuments and NMS	Coastal National Parks	National Sea/Lakeshores	HAPCs
U.S. Caribbean		Puerto Rico - Aguadialla Bay, Boqueron Bay, Guayanilla Bay, Mayaguez Bay, Jobos Bay, Mosquito Bay, Anasco Bay, San Juan Bay, Ensenada Honda, Rincon Bay, Flamenco Bay, Marejada Bay, Almodovar Bay, Puerto Del Manglar, Salina del Sur Bay; United States Virgin Islands – Long Bay, Magens Bay, Ensomhed Bay, Turquoise Bay, Coral Bay, Francis Bay, Maho Bay, Cinnamon Bay, Hawksnest Bay, Salt River Bay, Great Pond Bay	Puerto Rico (including Mona, Monito, Desecheo, Culebra, Vieques); United States Virgin Islands (St. Croix, including Buck Island; St. John, including Congo Cay, Grass Cay, Lovango Cay, Mingo Cay; St. Thomas, including Buck Island, Capella Island, Great Saint James, Hans Lollik Island, Inner Brass Island, Little Saint James, Outer Brass Island, Thatch Cay, Savana Island, Water Island)	Northeast Marine Corridor and Culebra Island, Puerto Rico HFA	Jobos Bay NERR		San Juan National Historic Site, Virgin Islands National Park, Buck Island National Monument, Hassel Island Historic District		45

Region	Subregion	Major Bays	Major Islands	HFAs	NERRs	Monuments and NMS	Coastal National Parks	National Sea/Lakeshores	HAPCs
South Atlantic		Pamlico Sound, Biscayne Bay, Wassaw Sound, Calbiogue Sound	Florida Keys, Key Biscayne, Virginia Key, Jupiter Island, Merritt Island, Cumberland Island, Jekyll Island, Sapelo Island, Skidaway Island, Tybee Island, Hilton Head Island, Parris Island, Prtichards Island, Hunting Island, Pawleys Island, Bald Head Island, Emerald Isle, Outer Banks	Biscayne Bay, Florida HFA	North Carolina NERR, North Inlet-Winyah Bay NERR, ACE Basin NERR, Sapelo Island NERR, Guana Tolomato Matanzas NERR	Florida Keys NMS, Gray's Reef NMFS, Monitor NMS	Biscayne National Park, Fort Motanzas National Monument, Castillo de San Marcos National Monument, Fort Caroline National Memorial, Timucuan Ecological & Historic Preserve, Fort Frederica National Monument, Fort Pulaski National Monument, Fort Sumter National Monument	Canaveral National Seashore, Cape Hatteras National Seashore, Cape Lookout National Seashore, Cumberland Island National Seashore	6
Mid-Atlantic		Chesapeake Bay, Delaware Bay, Block Island Sound, Long Island Sound, Lower Bay, Raritan Bay, Sandy Hook Bay, Great South Bay, Barnegat Bay, Albermarie Sound,	Outer Banks, Smith Island, Bloodsworth Island, Tangier, Long Island, Block Island	Choptank River Complex, Maryland/Delaware HFA	Jacques Cousteau NERR, Hudson River NERR, Delaware NERR, Chesapeake Bay (Maryland/Virginia) NERRs		Fort Raleigh National Historic Site, Wright Brothers National Memorial, Fort Monroe National Monument, George Washington Birthplace National Monument, Great Egg Harbor River, Gateway National Recreation Area	Assateague Island National Seashore, Fire Island National Seashore	5

[illegible]

Region	Subregion	Major Bays	Major Islands	HFAs	NERRs	Monuments and NMS	Coastal National Parks	National Sea/Lakeshores	HAPCs
Great Lakes		Lake Superior (Whitefish Bay), Lake Michigan (Grand Traverse Bay, Green Bay), Lake Huron (Georgian Bay, Saginaw Bay, Thunder Bay), Lake Erie (Chadwick Bay, Maumee Bay, Sandusky Bay), Lake Ontario (Chaumont Bay, Henderson Bay)	Lake Superior (Apostle Islands, Grand Island, Isle Royale), Lake Michigan (Chambers Island, Washington Island, North Manitou Island, South Manitou Island, North Fox Island, South Fox Island, Beaver Island), Lake Huron (Mackinac Island, Bois Blanc Island), Lake Erie (Lake Erie Islands), Lake Ontario (Grenadier Island)	St. Louis River Estuary, Minnesota/ Wisconsin HFA, Muskegon Lake, Michigan HFA	Old Woman Creek NERR, Lake Superior NERR	Thunder Bay NMS	Isle Royale National Park, River Raisin National Battlefield, Perry's Victory Memorial	Apostle Islands National Lakeshore, Indiana Dunes National Lakeshore, Pictured Rocks National Lakeshore, Sleeping Bear Dunes National Lakeshore	

Table S5. List of major managed fishery species per U.S. Marine Region, including the Great Lakes, under State and Federal Jurisdictions

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
North Pacific Fishery Management Council NPFMC	Groundfish Gulf of Alaska (141 species)		104 amendments	Walleye Pollock	<i>Gadus chalcogrammus</i>	
				Pacific Cod	<i>Gadus macrophalus</i>	
				Sablefish	<i>Anoplopoma fimbria</i>	
				Shallow-water Flatfish	Northern Rock Sole <i>Lepidopsetta polyxystra</i> , Southern Rock Sole <i>Lepidopsetta bilineata</i> , Butter Sole <i>Pleuronectes isolepis</i> , Yellowfin Sole <i>Pleuronectes asper</i> and species from Family Pleuronectidae	8
				Deepwater Flatfish	Greenland Turbot <i>Reinhardtius hippoglossoides</i> , Dover Sole <i>Microstomus pacificus</i> , and Deep-Sea Sole <i>Embassichthys bathybius</i>	3
				Rex Sole	<i>Glyptocephalus zachirus</i>	
				Arrowtooth Flounder	<i>Atheresthes stomias</i>	
				Flathead Sole	<i>Hippoglossoides elassodon</i>	
				Pacific Ocean Perch	<i>Sebastes alutus</i>	
				Northern Rockfish	<i>Sebastes polyspinus</i>	
				Shortraker Rockfish	<i>Sebastes borealis</i>	
				Dusky Rockfish	<i>Sebastes variabilis</i>	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
North Pacific Fishery Management Council NPFMC	Groundfish Gulf of Alaska (141 species)		104 amendments	Blackspotted and Rougheye Rockfish	<i>Sebastes melanostictus</i> , <i>S. aleutianus</i>	2
				Thornyhead Rockfish	Shortspine Thornyhead <i>Sebastolobus alascanus</i> , Longspine Thornyhead <i>Sebastolobus altivelis</i> , and Broadfin Thornyhead <i>Sebastolobus macrochir</i>	3
				Demersal Shelf Rockfish	Yelloweye Rockfish <i>Sebastes ruberrimus</i> and species from Families Sebastidae and/or Scorpaenidae	7
				Other Rockfish	Sharpchin Rockfish <i>Sebastes zacentrus</i> , Harlequin Rockfish <i>Sebastes variegatus</i> , Silvergray Rockfish <i>Sebastes brevispinis</i> , Redstripe Rockfish <i>Sebastes proriger</i> , Redbanded Rockfish <i>Sebastes babcocki</i> and species from Families Sebastidae and/or Scorpaenidae	25
				Atka Mackerel	<i>Pleurogrammus monopterygius</i>	
				Skates	Big Skate <i>Beringraja binoculata</i> , Longnose Skate <i>Raja rhina</i> , and <i>Bathyraja</i> spp.	15

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
North Pacific Fishery Management Council NPFMC	Groundfish Gulf of Alaska (141 species)		104 amendments	Sculpins	Yellow Irish Lord <i>Hemilepidotus jordani</i> , Great Sculpin <i>Myoxocephalus</i> <i>polyacanthocephalus</i> , Bigmouth Sculpin <i>Hemitripterus bolini</i> , Plain Sculpin <i>M. jaok</i> , and species from Families Cottidae, Hemitriptoridae, Psychrolutidae, and Rhamphocottidae	39
				Shark	Spiny Dogfish <i>Squalus acanthias</i> , Salmon Shark <i>Lamna ditropis</i> , Pacific Sleeper Shark <i>Somniosus pacificus</i> , and incidental <i>Apisturus</i> spp., <i>Carcharodon</i> spp., <i>Cetorhinus</i> spp., <i>Hexanchus</i> spp., <i>Prionace</i> spp.	8
				Squid	<i>Berryteuthis</i> spp., <i>Belonella</i> spp., <i>Chroteuthis</i> spp., <i>Eogonatus</i> spp., <i>Galiteuthis</i> spp., <i>Gonatopsis</i> spp., <i>Gonatus</i> spp., <i>Moroteuthis</i> spp., <i>Onychoteuthis</i> spp., <i>Ommastrephes</i> spp., and <i>Rossia</i> spp.	15

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
North Pacific Fishery Management Council NPFMC	Groundfish Gulf of Alaska (141 species)		104 amendments	Octopus	Giant Pacific Octopus <i>Enteroctopus dofleini</i> , <i>Benthoctopus</i> spp., <i>Japattella</i> spp., <i>Octopus</i> spp., <i>Opisthoteuthis</i> spp., and <i>Vampyroteuthis</i> spp.	7
				Pollock	<i>Gadus chalcogrammus</i>	
				Pacific Cod	<i>Gadus macrophalus</i>	
				Sablefish	<i>Anoplopoma fimbria</i>	
	Groundfish Bering Sea & Aleutian Islands (148 species)		114 amendments	Yellowfin Sole	<i>Limanda aspera</i>	
				Arrowtooth Flounder	<i>Atheresthes stomias</i>	
				Kamchatka Flounder	<i>Atheresthes evermanni</i>	
				Rock Soles	<i>Lepidopsetta polyxstra</i> , <i>L. bilineatus</i>	2
				Greenland Turbot	<i>Reinhardtius hippoglossoides</i>	
				Alaska Plaice	<i>Pleuronectes quadrituberculatus</i>	
				Flathead Sole and Bering Flounder	<i>Hippoglossoides elassodon</i> , <i>H. robustus</i>	
				Other Flatfish (Flounders, Dabs, Soles)	Species from Families Pleuronectidae and Paralichthyidae	15
				Pacific Ocean Perch	<i>Sebastes alutus</i>	
				Northern Rockfish	<i>Sebastes polyspinus</i>	
				Blackspotted and Rougheye Rockfish	<i>Sebastes melanostictus</i> , <i>S. aleutianus</i>	2
				Shortraker Rockfish	<i>Sebastes borealis</i>	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
North Pacific Fishery Management Council NPFMC	Groundfish Bering Sea & Aleutian Islands (148 species)		114 amendments	Other Rockfish	Shortspine Thornyhead <i>Sebastolobus alascanus</i> , Dusky Rockfish <i>Sebastes variabilis</i> , and species from Families Sebastidae and/or Scorpaenidae	24
				Atka Mackerel	<i>Pleurogrammus monopterygius</i>	
				Skates	Alaska Skate <i>Bathyraja parmifera</i> , <i>Amblyraja</i> spp., <i>Bathyraja</i> spp., <i>Beringraja</i> spp., and <i>Raja</i> spp.	15
				Sculpins	Great Sculpin <i>Myoxocephalus polyacanthocephalus</i> , Threaded Sculpin <i>Gymnocanthus pistillger</i> , Plain Sculpin <i>M. jaok</i> , Warty Sculpin <i>M. verrucosus</i> , Bigmouth Sculpin <i>Hemitripterus bolini</i> , Yellow Irish Lord <i>Hemilepidotus jordani</i> , and species from Families Cottidae, Hemitriptoridae, Psychrolutidae, and Rhamphocottidae	48

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
North Pacific Fishery Management Council NPFMC	Groundfish Bering Sea & Aleutian Islands (148 species)		114 amendments	Squid	Magistrate Armhook Squid <i>Berryteuthis magister</i> , <i>Belonella</i> spp., <i>Berryteuthis</i> spp., <i>Chroteuthis</i> spp., <i>Eogonatus</i> spp., <i>Galiteuthis</i> spp., <i>Gonatopsis</i> spp., <i>Gonatus</i> spp., <i>Moroteuthis</i> spp., <i>Onychoteuthis</i> spp., and <i>Rossia</i> spp.	14
				Shark	Pacific Sleeper Shark <i>Somniosus pacificus</i> , Spiny Dogfish <i>Squalus</i> <i>acanthias</i> , Salmon Shark <i>Lamna ditropis</i> and other incidentally captured shark species	8
				Octopus	Giant Pacific Octopus <i>Enteroctopus dofleini</i> and <i>Benthoctopus</i> spp., <i>Graneledone</i> spp., <i>Japatella</i> spp., <i>Opisthoteuthis</i> spp., and <i>Sasakiopus</i> spp.	7
	King and Tanner Crabs Bering Sea & Aleutian Islands (5 species)		0 amendments	Red King Crab	<i>Paralithodes</i> <i>camtschaticus</i>	
				Blue King Crab	<i>Paralithodes platypus</i>	
				Golden King Crab	<i>Lithodes aequispinus</i>	
				Tanner Crab	<i>Chionoecetes bairdi</i>	
				Snow Crab	<i>Chionoecetes opilio</i>	
	Salmon (5 species)		10 amendments	Chinook Salmon	<i>Oncorhynchus</i> <i>tshawytscha</i>	
				Coho Salmon	<i>Oncorhynchus kisutch</i>	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
North Pacific Fishery Management Council NPFMC	Salmon (5 species)		10 amendments	Pink Salmon	<i>Oncorhynchus gorbuscha</i>	
				Sockeye Salmon	<i>Oncorhynchus nerka</i>	
				Chum Salmon	<i>Oncorhynchus ket</i>	
	Scallop (4 species)		15 amendments	Weathervane Scallops	<i>Patinopecten caurinus</i>	3
				Other Non-Commercial Scallops	Pink or Reddish scallops <i>Chlamys rubida</i> , Spiny scallops <i>Chlamys hastata</i> , and Rock Scallops <i>Crassadoma gigantea</i>	
	Arctic (3 species)		1 amendment, 2 motions	Arctic Cod	<i>Boreogadus saida</i>	
				Saffron Cod	<i>Eleginus gracilis</i>	
				Snow Crab	<i>Chionoecetes opilio</i>	
International Pacific Halibut Commission IPHC – Includes North Pacific and Pacific Regions	Pacific Halibut (1 species)		92 Annual Regulations	Pacific Halibut	<i>Hippoglossus stenolepis</i>	
Pacific Fishery Management Council PFCMC	Ocean Salmon (4 species)		19 amendments	Chinook Salmon	<i>Oncorhynchus tshawytscha</i>	
				Coho Salmon	<i>Oncorhynchus kisutch</i>	
				Pink Salmon	<i>Oncorhynchus gorbuscha</i>	
				Sockeye Salmon	<i>Oncorhynchus nerka</i>	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Pacific Fishery Management Council PFMC	Pacific Groundfish (87 species)		28 amendments	Elasmobranchs	Big skate <i>Raja binoculata</i> , Leopard shark <i>Triakis semifasciata</i> , Longnose skate <i>Raja rhina</i> , Pacific Spiny dogfish <i>Squalus suckley</i>	4
				Flatfish	Species from Families Pleuronectidae and Paralichthyidae	12
				Rockfish	Species from Families Sebastidae and/or Scorpaenidae	65
				Pacific Whiting	<i>Merluccius productus</i>	6
				Pacific Cod	<i>Gadus macrocephalus</i>	
				Sablefish	<i>Anoplopoma fimbria</i>	
				Lingcod	<i>Ophiodon elongatus</i>	
				Other Roundfish	Cabazon <i>Scorpaenichthys marmoratus</i> , Kelp greenling <i>Hexagrammos decagrammus</i>	2
	Coastal Pelagic Species (13 species)		15 amendments	Pacific Sardine	<i>Sardinops sagax</i>	
				Pacific Mackerel	<i>Scomber japonicus</i>	
				Jack Mackerel	<i>Trachurus symmetricus</i>	
				Market Squid	<i>Doryteuthis opalescens</i>	
				Northern Anchovy	<i>Engraulis mordax</i>	
				Krill or Euphausiids	<i>Euphausia pacifica</i> , <i>Thysanoessa spinifera</i> and <i>Euphausia</i> spp.,	8

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Pacific Fishery Management Council PFMC	Coastal Pelagic Species (13 species)		15 amendments	Krill or Euphausiids	<i>Nematocelis</i> spp., <i>Nyctiphanes</i> spp., <i>Thysanoessa</i> spp.	8
	Highly Migratory Species (13 species)		3 amendments	North Pacific Albacore	<i>Thunnus alalunga</i>	
				Other Tunas	Yellowfin tuna <i>Thunnus albacares</i> , Bigeye tuna <i>Thunnus obesus</i> , Skipjack tuna <i>Katsuwonus pelamis</i> , Northern bluefin tuna <i>Thunnus thynnus</i>	4
				Billfish/Swordfish	Striped marlin <i>Tetrapturus audax</i> , Swordfish <i>Xiphias gladius</i>	2
				Sharks	Common thresher shark <i>Alopias vulpinus</i> , Pelagic thresher shark <i>Alopias pelagicus</i> , Bigeye thresher shark <i>Alopias superciliosus</i> , Shortfin mako shark <i>Isurus oxyrinchus</i> , Blue shark <i>Prionace glauca</i>	5
				Dolphinfish	<i>Coryphaena hippurus</i>	
Western Pacific Fishery Management Council WPFMC	Hawaiian Archipelago - Including Midway Atoll (169 species)	3 amendments	14 amendments (original entire W Pacific FMP)	Bottomfish and Seamount Groundfish	Species from Families Carangidae (Jacks) and Lutjanidae (Snappers)	17

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	Hawaiian Archipelago - Including Midway Atoll (169 species)	3 amendments	13 amendments (original entire W Pacific FMP)	Crustaceans	Spiny Lobsters <i>Panulirus</i> spp., Slipper Lobster (Family Scyllaridae), Kona Crab <i>Ranina ranina</i> , and Deepwater Shrimp <i>Heterocarpus</i> spp.	5
			7 amendments (original entire W Pacific FMP)	Precious Corals	<i>Antipathes</i> spp., <i>Corallium</i> spp., <i>Gerardia</i> spp., <i>Lepidisis</i> spp., <i>Narella</i> spp.	9
				Currently harvested coral reef taxa	Fish species from Families Acanthuridae (Surgeonfishes), Balistidae (Triggerfishes), Carangidae (Jacks), Carcharinidae (Sharks), Holocentridae (Squirrelfishes), Kuhliidae (Flagtails), Kyphosidae (Rudderfish), Labridae (Wrasses), Mullidae (Goatfishes), Mugilidae (Mulletts), Muraenidae (Morays),	83

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	Hawaiian Archipelago - Including Midway Atoll (169 species)	3 amendments		Currently harvested coral reef taxa	Polynemidae (Threadfins), Priacanthidae (Big-eyes), Scaridae (Parrotfishes), Serranidae (Groupers/Seabasses), Sphyraenidae (Barracudas), Zanclidae (Moorish Idols) and Invertebrate species from Families Octopodidae (Octopuses), Sabellidae (Featherduster Worms), Turbinidae (Snails)	83
				Potentially harvested coral reef taxa	42 families of fishes, corals, invertebrates, trumpetfish <i>Aulostomus chinensis</i> , cornetfish <i>Fistularia commersoni</i> , Black Lipped Pearl Oyster <i>Pinctada</i> <i>margaritifera</i> ,	55

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	Hawaiian Archipelago - Including Midway Atoll (169 species)	3 amendments		Potentially harvested coral reef taxa	crustaceans, anemones, zoanthids, bivalves, tunicates, sponges, molluscs, algae, live rock, annelids, all other marine plants and animals not aforementioned specifically.	55
	American Samoa (202 species)	2 amendments		Bottomfish	Species from Families Carangidae (Jacks), Lethrinidae (Emperors), Lutjanidae (Snappers), Serranidae (Groupers/Seabasses)	17
				Crustaceans	Spiny Lobsters <i>Panulirus</i> spp., Slipper Lobster (Family Scyllaridae), Kona Crab <i>Ranina ranina</i> , and Deepwater Shrimp <i>Heterocarpus</i> spp.	5
				Precious Corals	<i>Acanella</i> spp., <i>Antipathes</i> spp., <i>Calyptrophora</i> spp., <i>Corallium</i> spp., <i>Gerardia</i> spp., <i>Lepidisis</i> spp., <i>Narella</i> spp.	11

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	American Samoa (202 species)	2 amendments		Currently harvested coral reef taxa	Fish species from Families Acanthuridae (Surgeonfishes), Balistidae (Triggerfishes), Carcharinidae (Sharks), Holocentridae (Squirrelfishes), Kuhliidae (Flagtails), Kyphosidae (Rudderfish), Labridae (Wrasses), Mullidae (Goatfishes), Mugilidae (Mulletts), Muraenidae (Morays), Polynemidae (Threadfins), Priacanthidae (Big- eyes), Scaridae (Parrotfishes), Scombridae (Tunas/Mackerels), Siganidae (Rabbitfishes), Sphyrnaenidae (Barracudas) and Invertebrate species from Families Octopodidae (Octopuses), Turbinidae (Snails)	104

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	American Samoa (202 species)	2 amendments		Potentially harvested coral reef taxa	49 families of fishes, corals, invertebrates, Dog Tooth Tuna <i>Gymnosarda unicolor</i> , trumpetfish <i>Aulostomus chinensis</i> , cornetfish <i>Fistularia commersoni</i> , Black Lipped Pearl Oyster <i>Pinctada</i> <i>margaritifera</i> , and crustaceans, anemones, zoanthids, bivalves, tunicates, sponges, molluscs, algae, live rock, annelids, all other marine plants and animals not aforementioned specifically.	65
	Mariana Archipelago - CNMI and Guam (213 species)	2 amendments		Bottomfish (CNMI and Guam)	Species from Families Carangidae (Jacks), Lethrinidae (Emperors), Lutjanidae (Snappers), Serranidae (Groupers/Seabasses)	17

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	Mariana Archipelago - CNMI and Guam (213 species)	2 amendments		Crustaceans (CNMI and Guam)	Spiny Lobsters <i>Panulirus</i> spp., Slipper Lobster (Family Scyllaridae), Kona Crab <i>Ranina ranina</i> , and Deepwater Shrimp <i>Heterocarpus</i> spp.	5
				Precious Corals	<i>Acanella</i> spp., <i>Antipathes</i> spp., <i>Calyptrophora</i> spp., <i>Corallium</i> spp., <i>Gerardia</i> spp., <i>Lepidisis</i> spp., <i>Narella</i> spp.	11
				Currently harvested coral reef taxa	Fish species from Families Acanthuridae (Surgeonfishes), Balistidae (Triggerfishes), Carangidae (Jacks), Carcharinidae (Sharks), Holocentridae (Squirrelfishes), Kuhliidae (Flagtails),	115

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	Mariana Archipelago - CNMI and Guam (213 species)	2 amendments		Currently harvested coral reef taxa	Kyphosidae (Rudderfish), Labridae (Wrasses), Mullidae (Goatfishes), Mugilidae (Mulletts), Muraenidae (Morays), Polynemidae (Threadfins), Priacanthidae (Big-eyes), Scaridae (Parrotfishes), Scombridae (Tunas/Mackerels), Siganidae (Rabbitfishes), Sphyrnaeidae (Barracudas) and Invertebrate species from Families Octopodidae (Octopuses), Turbinidae (Snails)	115
				Potentially harvested coral reef taxa	49 families of fishes, corals, invertebrates, Dog Tooth Tuna <i>Gymnosarda unicolor</i> , trumpetfish <i>Aulostomus chinensis</i> , cornetfish <i>Fistularia commersoni</i> , Black Lipped Pearl Oyster <i>Pinctada</i> <i>margaritifera</i> , and crustaceans, anemones, zoanthids, bivalves, tunicates,	65

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	Mariana Archipelago - CNMI and Guam (213 species)	2 amendments		Potentially harvested coral reef taxa	sponges, molluscs, algae, live rock, annelids, all other marine plants and animals not aforementioned specifically.	65
	Pacific Remote Island Areas - Howland, Baker and Jarvis Islands, Kingman Reef, and Wake and Palmyra Atolls (143 species)	1 amendment		Bottomfish	Species from Families Carangidae (Jacks), Lethrinidae (Emperors), Lutjanidae (Snappers), Serranidae (Groupers/Seabasses)	16
				Crustaceans	Spiny Lobsters <i>Panulirus</i> spp., Slipper Lobster (Family Scyllaridae), Kona Crab <i>Ranina ranina</i> , and Deepwater Shrimp <i>Heterocarpus</i> spp.	4
				Precious Corals	<i>Antipathes</i> spp., <i>Corallium</i> spp., <i>Gerardia</i> spp., <i>Lepidisis</i> spp., <i>Narella</i> spp.	9

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	Pacific Remote Island Areas - Howland, Baker and Jarvis Islands, Kingman Reef, and Wake and Palmyra Atolls (143 species)	1 amendment		Currently harvested coral reef taxa	Fish species from Families Acanthuridae (Surgeonfishes), Labridae (Wrasses), Mullidae (Goatfishes), Mugilidae (Mulletts), Muraenidae (Morays), Priacanthidae (Big-eyes), Scaridae (Parrotfishes), Scombridae (Tunas/Mackerels), Sphyraenidae (Barracudas) and Invertebrate species from Family Octopodidae (Octopuses)	54
Western Pacific Fishery Management Council WPFMC	Pacific Remote Island Areas - Howland, Baker and Jarvis Islands, Kingman Reef, and Wake and Palmyra Atolls (143 species)	1 amendment		Potentially harvested coral reef taxa	46 families of fishes, corals, invertebrates, trumpetfish <i>Aulostomus chinensis</i> , cornetfish <i>Fistularia commersoni</i> , Black Lipped Pearl Oyster <i>Pinctada margaritifera</i> , and crustaceans, anemones, zoanths, bivalves, tunicates, sponges, molluscs, algae, live rock, annelids, all other marine plants and	60

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	Pacific Remote Island Areas - Howland, Baker and Jarvis Islands, Kingman Reef, and Wake and Palmyra Atolls (143 species)	1 amendment		Potentially harvested coral reef taxa	animals not aforementioned specifically.	60
	Pelagics (32 species)	7 amendments, 1 regulatory amendment	19 amendments (original FMP)	Tunas	Albacore <i>Thunnus alalunga</i> , Bigeye Tuna <i>T. obesus</i> , Yellowfin Tuna <i>T. albacares</i> , Northern Bluefin Tuna <i>T. thynnus</i> , Skipjack Tuna <i>Katsuwonus pelamis</i> , Kawakawa <i>Euthynnus affinis</i> , Other Tuna Relatives <i>Auxis</i> spp., <i>Scomber</i> spp., <i>Allothunus</i> spp.	9
				Billfishes (Incl. Swordfish)	Striped Marlin <i>Tetrapturus audax</i> , Shortbill Spearfish <i>T. angustirostris</i> , Swordfish <i>Xiphias gladius</i> , Sailfish <i>Istiophorus</i> <i>platypterus</i> , Blue Marlin <i>Makaira mazara</i> , Black Marlin <i>M. indica</i>	6

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	Pelagics (32 species)	7 amendments, 1 regulatory amendment	19 amendments (original FMP)	Sharks	Pelagic Thresher Shark <i>Alopias pelagicus</i> , Bigeye Thresher Shark <i>A. superciliosus</i> , Common Thresher Shark <i>A. vulpinus</i> , Silky Shark <i>Carcharhinus falciformis</i> , Oceanic Whitetip Shark <i>C. longimanus</i> , Blue Shark <i>Prionace glauca</i> , Shortfin Mako Shark <i>Isurus oxyrinchus</i> , Longfin Mako Shark <i>I. paucus</i> , Salmon Shark <i>Lamna ditropis</i>	9
				Other Pelagics	Mahimahi (Dolphinfish) <i>Coryphaena</i> spp., Moonfish <i>Lampris</i> spp., Wahoo <i>Acanthocybium solandri</i> , Family Gempylidae (Oilfish), Family Bramidae (Pomfret)	5

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Western Pacific Fishery Management Council WPFMC	Pelagics (32 species)	7 amendments, 1 regulatory amendment	19 amendments (original FMP)	Squids	Neon Flying Squid <i>Ommastrephes bartamii</i> , Diamondback Squid <i>Thysanoteuthis rhombus</i> , Purple Flying Squid <i>Sthenoteuthis oualaniensis</i>	3
Gulf of Mexico Fishery Management Council GMFMC	Stone Crab Gulf Mexico (<i>Now managed by Florida as of 2011</i>)		8 amendments	Stone Crab	<i>Menippe mercenaria</i>	
	Red Drum Gulf Mexico		3 amendments	Red Drum	<i>Sciaenops ocellatus</i>	
	Reef Fish Fishery Gulf Mexico (49 species)		45 amendments	Groupers/Seabasses	Family Serranidae - <i>Centropristis</i> spp., <i>Epinephelus</i> spp., <i>Mycteroperca</i> spp.	18
				Red Snapper	<i>Lutjanus campechanus</i>	
				Other Snappers	Family Lutjanidae - <i>Etilis</i> spp., <i>Lutjanus</i> spp., <i>Ocyurus</i> spp., <i>Pristipomoides</i> spp., <i>Rhomboplites</i> spp.	14
Gulf of Mexico Fishery Management Council GMFMC	Reef Fish Fishery Gulf Mexico (49 species)		45 amendments	Other Reef Fishes included in the fishery	Species from Families Balistidae (Triggerfishes), Carangidae (Jacks), Haemulidae (Grunts), Labridae (Wrasses), Malacanthidae (Tilefishes), Serranidae	16

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Gulf of Mexico Fishery Management Council GMFMC	Reef Fish Fishery Gulf Mexico (49 species)		45 amendments	Other Reef Fishes included in the fishery	(Sand Perches), Sparidae (Porgies)	16
	Shrimp Fishery Gulf Mexico (4 species)		17 amendments	All Shrimp	<i>Farfantepenaeus</i> spp., <i>Litopenaeus</i> spp., <i>Pleoticus</i> spp.	
GMFMC/ South Atlantic Fishery Management Council SAFMC	Coral, Coral Reefs and Live/Hard Bottom Habitat Gulf Mexico (142 species)		12 amendments	All Species	Octocorallina, Hydrozoans, Scleractinians, Antipatharians, Live Rock	
	Coastal Migratory Pelagic Resources (3 species)		26 amendments, 3 framework amendments, 19 regulatory amendments	King Mackerel	<i>Scomberomorus cavalla</i>	
				Cobia	<i>Rachycentron canadum</i>	
				Spanish Mackerel	<i>Scomberomorus maculatus</i>	
	Spiny Lobster		11 amendments, 2 regulatory amendments	Spiny Lobster	<i>Panulirus argus</i>	
Gulf States Marine Fisheries Commission GSMFC	Gulf Shrimp (8 species)			All Shrimp	<i>Farfantepenaeus</i> spp., <i>Litopenaeus</i> spp., <i>Pleoticus</i> spp., <i>Sicyonia</i> spp., <i>Trachypenaeus</i> spp., <i>Xiphopenaeus</i> spp.	
	Flounder (27 species)			All Flounder	<i>Paralichthys albigutta</i> , <i>P. lethostigma</i> and other species of Family Bothidae	
Gulf States Marine Fisheries Commission GSMFC	Spotted Seatrout			Spotted Seatrout	<i>Cynoscion nebulosus</i>	
	Striped Bass			Striped Bass	<i>Morone saxatilis</i>	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Gulf States Marine Fisheries Commission GSMFC	Oyster			Oyster	<i>Crassostrea virginica</i>	
	Gulf Sturgeon			Gulf Sturgeon	<i>Acipenser oxyrinchus desotoi</i>	
	Blue Crab			Blue Crab	<i>Callinectes sapidus</i>	
	Striped Mullet			Striped Mullet	<i>Mugil cephalus</i>	
	Spanish Mackerel			Spanish Mackerel	<i>Scomberomorus maculatus</i>	
	Gulf Menhaden			Gulf Menhaden	<i>Brevoortia patronus</i>	
	Black Drum			Black Drum	<i>Pogonias cromis</i>	
Caribbean Fishery Management Council CFMC	Spiny Lobster		7 amendments	Caribbean Spiny Lobster	<i>Panulirus argus</i>	
	Reef Fish (81 species; additionally 58 species of reef fish aquarium trade finfish)		8 plan amendments, 6 regulatory amendments	Groupers	Family Serranidae - <i>Cephalopholis</i> spp., <i>Epinephelus</i> spp., <i>Mycteroperca</i> spp.	12
				Snappers	Family Lutjanidae - <i>Lutjanus</i> spp., <i>Ocyurus</i> spp.	14
				Other Reef Fishes	Species from Families Acanthuridae, Balistidae, Carangidae, Chaetodontidae, Haemulidae, Holocentridae, Labridae, Mullidae, Ostraciidae, Pomacanthidae, Scaridae, Sparidae	55

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Caribbean Fishery Management Council CFMC	Coral Reef Resources (157 species)		5 amendments	All Species	Hydrozoans, Octocorallina, Scleractinians, Antipatharia, Porifera, Anemones, Zoanthids, False Corals, Annelida, Mollusca, Crustaceans, Echinoderms, Bryozoa, Algae	
	Queen Conch		4 amendment, 2 regulatory amendment	Queen Conch	<i>Lobatus gigas</i> ; 12 other species were included pre-2012 (<i>Astrea</i> spp., <i>Cassis</i> spp., <i>Charonia</i> spp., <i>Cittarium</i> spp., <i>Fasciolaria</i> spp., <i>Lobatus</i> spp., <i>Strombus</i> spp., <i>Vasum</i> spp.)	
SAFMC	Golden Crab		5 amendments	Golden Crab	<i>Chaceon fenneri</i>	
	Snapper/Grouper Fishery (55 species)		43 amendments	Groupers/Seabasses	Family Serranidae - <i>Cephalopholis</i> spp., <i>Centropristis</i> spp., <i>Epinephelus</i> spp., <i>Hypothodus</i> spp., <i>Mycteroperca</i> spp.	20
				Wreckfish	<i>Polyprion americanus</i>	
				Snappers	Family Lutjanidae - <i>Etilis</i> spp., <i>Lutjanus</i> spp., <i>Ocyurus</i> spp., <i>Rhomboplites</i> spp.	10

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
SAFMC	Snapper/Grouper Fishery (55 species)		43 amendments	Other Reef Fishes	Species from Families Balistidae (Triggerfishes), Carangidae (Jacks), Ephippidae (Spadefishes), Haemulidae (Grunts), Labridae (Wrasses), Malacanthidae (Tilefishes), Sparidae (Porgies)	24
	S Atlantic Shrimp Fishery (5 species)		9 amendments	All Shrimp	<i>Farfantepenaeus</i> spp., <i>Litopenaeus</i> spp., <i>Pleoticus</i> spp., <i>Sicyonia</i> spp.	
	Sargassum (2 species)		1 amendment	All Species	<i>Sargassum</i> spp.	
	Atlantic Dolphin/Wahoo (2 species)		6 amendments	Atlantic Dolphin and Wahoo	<i>Coryphaena hippurus</i> , <i>Acanthocybium solandri</i>	
Mid Atlantic Fishery Management Council MAFMC	Atlantic Mackerel, Squid, and Butterfish (4 species)		19 merged FMP amendments, 9 merged FMP frameworks	All Species		
			2 amendments	Atlantic Mackerel	<i>Scomber scombrus</i>	
			1 amendment	Squid	<i>Ilex</i> spp., <i>Loligo</i> spp.	2
				American Butterfish	<i>Peprilus triacanthus</i>	
	Atlantic Surf Clam and Ocean Quahog (2 species)		2 amendments	Atlantic Surfclams	<i>Spisula solidissima</i>	
			18 amendments	Ocean Quahogs	<i>Arctica islandica</i>	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Mid Atlantic Fishery Management Council MAFMC	Summer Flounder, Scup, and Black Sea Bass (3 species)		19 amendments, 9 frameworks, 1 regulatory amendment	Summer Flounder	<i>Paralichthys dentatus</i>	
				Scup	<i>Stenotomus chrysops</i>	
				Black Sea Bass	<i>Centropristis striata</i>	
	Tilefish		1 framework, 4 amendments	Golden Tilefish	<i>Lopholatilus chamaelonticeps</i>	
	Atlantic Bluefish		1 framework, 5 amendments	Atlantic Bluefish	<i>Pomatomus saltatrix</i>	
MAFMC / New England Fishery Management Council NEFMC	Monkfish		7 amendments, 9 frameworks	Monkfish	<i>Lophius americanus</i>	
	Spiny Dogfish		2 frameworks, 4 amendments	Spiny Dogfish	<i>Squalus acanthias</i>	
NEFMC	Northeast Multispecies (10 species)		23 amendments, 56 frameworks	Atlantic Cod	<i>Gadus morhua</i>	
				Haddock	<i>Melanogrammus aeglefinus</i>	
				Atlantic Pollock	<i>Pollachius pollachius</i>	
				Ocean Perch (redfish)	<i>Sebastes norvegicus</i>	
				Yellowtail Flounder	<i>Pleuronectes ferruginea</i>	
				American Plaice	<i>Hippoglossoides platessoides</i>	
				Winter Flounder	<i>Pseudopleuronectes americanus</i>	
				Witch Flounder	<i>Glyptocephalus cynoglossus</i>	
				White Hake	<i>Urophycis tenuis</i>	
				Atlantic Halibut	<i>Hippoglossus hippoglossus</i>	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
NEFMC	Smallmesh Multispecies (3 species)		5 amendments, 4 frameworks, 2 specifications	Whiting, Other Hakes	Silver Hake <i>Merluccius bilinearis</i> , Red Hake <i>Urophycis chuss</i> , Offshore Hake <i>Merluccius albidus</i>	
	Atlantic Sea Scallop		17 amendments, 28 frameworks	Atlantic Sea Scallop	<i>Placopecten magellanicus</i>	
	Atlantic Salmon		4 amendments	Atlantic Salmon	<i>Salmo salar</i>	
	Deep-Sea Red Crab		4 amendments, 1 framework, 2 specifications	Deep-Sea Red Crab	<i>Chaceon quinquedens</i>	
	Atlantic Herring		8 amendments, 4 frameworks, 2 specifications	Atlantic Herring	<i>Clupea harengus</i>	
	Northeast Skate Complex (7 species)		3 amendments, 3 frameworks	Skates	Winter Skate <i>Leucoraja ocellata</i> , Barndoor Skate <i>Dipturis laevis</i> , Thorny Skate <i>Amblyraja radiata</i> , Smooth Skate <i>Malacoraja senta</i> , Little Skate <i>Leucoraja erinacea</i> , Clearnose Skate <i>Raja eglanteria</i> , Rosette Skate <i>Leucoraja garmani</i>	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
NOAA Fisheries Office of Sustainable Fisheries Highly Migratory Species Division HMS	Atlantic Billfishes (4 species)			White Marlin	<i>Kajikia albida</i>	
				Blue Marlin	<i>Makaira nigricans</i>	
				Sailfish	<i>Istiophorus platypterus</i>	
				Roundscale Spearfish	<i>Tetrapturus georgii</i>	
	Atlantic Sharks (20 species)		5 amendments	Large Coastal Species	<i>Carcharhinus</i> spp., <i>Galeocerdo cuvier</i> , <i>Ginglymostoma</i> <i>cirratum</i> , <i>Negaprion</i> <i>brevirostris</i> , <i>Sphyrna</i> spp.	11
			5 amendments	Pelagic Species	<i>Alopias vulpinus</i> , <i>Carcharhinus</i> <i>longimanus</i> , <i>Isurus oxyrinchus</i> , <i>Lamna nasus</i> , <i>Prionace glauca</i>	5
				Small Coastal Species	<i>Carcharhinus</i> spp., <i>Rhizoprionodon</i> <i>terraenovae</i> , <i>Sphyrna tiburo</i>	4
	Atlantic Swordfish		1 amendment	Swordfish	<i>Xiphias gladius</i>	
	Atlantic Tunas (5 species)		1 amendment	Bluefin	<i>Thunnus thynnus</i>	
				Yellowfin	<i>Thunnus albacares</i>	
				Bigeye	<i>Thunnus obesus</i>	
				Albacore	<i>Thunnus alalunga</i>	
				Skipjack	<i>Katsuwonus pelamis</i>	

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Atlantic States Marine Fisheries Commission ASMFC	American Eel		4 addendum	American Eel	<i>Anguilla rostrata</i>	
	American Lobster (co-managed with NOAA Fisheries)		3 amendments, 24 addendum, 2 technical addendum	American Lobster	<i>Homarus americanus</i>	
	Atlantic Croaker		1 amendment, 2 addendum	Atlantic Croaker	<i>Micropogonias undulatus</i>	
	Atlantic Herring		3 amendments, 7 addendum, 2 technical addendum	Atlantic Herring	<i>Clupea harengus</i>	
	Atlantic Menhaden		2 amendments, 1 Revision, 1 supplement, 6 addendum, 2 technical addendum	Atlantic Menhaden	<i>Brevoortia tyrannus</i>	
	Atlantic Striped Bass		6 amendments, 1 supplement, 9 addendum	Atlantic Striped Bass	<i>Morone saxatilis</i>	
	Atlantic Sturgeon		1 amendment, 1 technical addendum, 4 addendum	Atlantic Sturgeon	<i>Acipenser oxyrhynchus</i>	
	Black Drum			Black Drum	<i>Pogonias cromis</i>	
	Black Sea Bass		2 amendments, 27 addendum	Black Sea Bass	<i>Centropristis striata</i>	
	Bluefish		1 amendment, 1 addendum	Bluefish	<i>Pomatomus saltatrix</i>	
	Coastal Sharks (22 species)		4 addendum	Aggregated Large Coastal	<i>Carcharhinus</i> spp., <i>Galeocerdo cuvier</i> , <i>Ginglymostoma cirratum</i> , <i>Negaprion brevirostris</i>	8

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Atlantic States Marine Fisheries Commission ASMFC	Coastal Sharks (22 species)		4 addendum	Hammerhead	<i>Sphyrna</i> spp.	3
				Pelagic	<i>Alopias vulpinus</i> , <i>Carcharhinus longimanus</i> , <i>Isurus oxyrinchus</i> , <i>Lamna nasus</i> , <i>Prionace glauca</i>	5
				Blacknose	<i>Carcharhinus acronotus</i>	
				Non-Blacknose Small Coastal	<i>Carcharhinus isodon</i> , <i>Rhizoprionodon terraenovae</i> , <i>Sphyrna tiburo</i>	3
				Smoothhound	<i>Mustelus</i> spp.	2
	Horseshoe Crab		7 addendum	Horseshoe Crab	<i>Limulus polyphemus</i>	
	Jonah Crab		2 addendum	Jonah Crab	<i>Cancer borealis</i>	
	Northern Shrimp		2 amendments, 1 addendum	Northern Shrimp	<i>Pandalus borealis</i>	
	Atlantic Coast Red Drum		2 amendments, 1 addendum	Atlantic Coast Red Drum	<i>Sciaenops ocellatus</i>	
	Scup		3 amendments, 29 addendum	Scup	<i>Stenotomus chrysops</i>	
	Shad & River Herring (3 species)		2 addendum, 3 amendments, 1 technical addendum	American Shad and River Herring	<i>Alosa aestivalis</i> , <i>A. pseudoharengus</i> , <i>A. sapidissima</i>	
	Spanish Mackerel		1 amendment, 1 addendum	Spanish Mackerel	<i>Scomberomorus maculatus</i>	
	Spiny Dogfish		5 addendum	Spiny Dogfish	<i>Squalus acanthias</i>	
	Spot		1 addendum	Spot	<i>Leiostomus xanthurus</i>	
	Spotted Seatrout		1 amendment	Spotted Seatrout	<i>Cynoscion nebulosus</i>	
	Summer Flounder		2 amendments, 28 addendum	Summer Flounder	<i>Paralichthys dentatus</i>	
	Tautog		6 addendum	Tautog	<i>Tautoga onitis</i>	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Atlantic States Marine Fisheries Commission ASMFC	Weakfish		4 amendments, 1 technical addendum, 4 addendum	Weakfish	<i>Cynoscion regalis</i>	
	Winter Flounder		1 amendment, 5 addendum	Winter Flounder	<i>Pseudopleuronectes americanus</i>	
	Cobia			Cobia	<i>Rachycentron canadum</i>	
Great Lakes State Governments	Great Lakes Major Commercial Fisheries (48 taxa)			Alewife	<i>Alosa pseudoharengus</i>	
				American Eel	<i>Anguilla rostrata</i>	
				Bigmouth Buffalo	<i>Ictiobus cyprinellus</i>	
				Bowfin	<i>Amia calva</i>	
				Brook Trout	<i>Salvelinus fontinalis</i>	
				Brown Bullhead	<i>Ameiurus nebulosus</i>	
				Brown Trout	<i>Salmo trutta</i>	
				Bullheads	<i>Ameiurus</i> spp.	
				Burbot	<i>Lota lota</i>	
				Carp	Family Cyprinidae	
				Channel Catfish	<i>Ictalurus punctatus</i>	
				Chinook Salmon	<i>Oncorhynchus tshawytscha</i>	
				Chubs	<i>Coregonus</i> spp., Family Cyprinidae	
				Cisco (Lake Herring)	<i>Coregonus artedi</i>	
				Coho Salmon	<i>Oncorhynchus kisutch</i>	
				Crappies	<i>Pomoxis</i> spp.	
				Freshwater Drum	<i>Aplodinotus grunniens</i>	
				Gars	<i>Atractosteus</i> spp., <i>Lepisosteus</i> spp., Family Lepisosteidae	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Great Lakes State Governments	Great Lakes Major Commercial Fisheries (48 taxa)			Gizzard Shad	<i>Dorosoma cepedianum</i>	
				Goldfish	<i>Carassius auratus</i>	
				Kokanee (Sockeye Salmon)	<i>Oncorhynchus nerka</i>	
				Lake Sturgeon	<i>Acipenser fulvescens</i>	
				Lake Trout (Lean, Hump,er, Siscowet)	<i>Salvelinus namaycush</i>	
				Lake Whitefish	<i>Coregonus clupeaformis</i>	
				Minnows	Family Cyprinidae	
				Mooneyes	<i>Hiodon spp.</i>	
				Northern Pike	<i>Esox lucius</i>	
				Paddlefish	<i>Polyodon spathula</i>	
				Pink Salmon	<i>Oncorhynchus gorbuscha</i>	
				Quillback	<i>Carpionodes cyprinus</i>	
				Rainbow Smelt	<i>Osmerus mordax</i>	
				Rainbow Trout	<i>Oncorhynchus mykiss</i>	
				Rock bass	<i>Ambloplites rupestris</i>	
				Round Whitefish	<i>Prosopium cylindraceum</i>	
				Sauger	<i>Sander canadensis</i>	
				Sculpins	<i>Cottus spp., Myoxocephalus thompsoni</i>	
				Silver Redhorse	<i>Moxostoma anisurum</i>	
				Smallmouth Bass	<i>Micropterus dolomieu</i>	
				Splake (Brook Trout X Lake Trout)	<i>Salvelinus fontinalis X Salvelinus namaycush</i>	

Council/Agency	FMP/FEP	FEP Modifications	FMP Modifications	Major Species/Species Group	Scientific Name(s) or Family Name(s)	Number of Species, Families, and Groupings
Great Lakes State Governments	Great Lakes Major Commercial Fisheries (48 taxa)			Spottail Shiner	<i>Notropis hudsonius</i>	
				Suckers	Family Catostomidae	
				Sunfishes and Bass	Family Centrarchidae	
				Walleye	<i>Sander vitreus</i>	
				White Bass	<i>Morone chrysops</i>	
				White Perch	<i>Morone americana</i>	
				White Sucker	<i>Catostomus commersonii</i>	
				Whitefishes	Families Coregonidae and Salmonidae	
				Yellow Perch	<i>Perca flavescens</i>	

Table S6. List of prohibited fishery species per U.S. Marine Region, including federal and state jurisdictions

Council/Authority	Region	Prohibited Species	Scientific Name	Number
International Pacific Halibut Commission IPHC ; North Pacific Fishery Management Council NPFMC ; NOAA Fisheries Alaska Regional Office AKRO	E Bering Sea/Aleutian Islands (16 species)	Pacific Halibut	<i>Hippoglossus stenolepis</i>	
		Pacific Herring	<i>Clupea pallasii</i>	
		Pacific Salmon	<i>Oncorhynchus</i> spp.	5
		Steelhead Trout	<i>Oncorhynchus mykiss</i>	
		King Crab	<i>Lithodes</i> spp., <i>Paralithodes</i> spp.	4
		Tanner Crab	<i>Chionoectes</i> spp.	4
	Gulf of Alaska (16 species)	Pacific Halibut	<i>Hippoglossus stenolepis</i>	
		Pacific Herring	<i>Clupea pallasii</i>	
		Pacific Salmon	<i>Oncorhynchus</i> spp.	5
		Steelhead Trout	<i>Oncorhynchus mykiss</i>	
		King Crab	<i>Lithodes</i> spp., <i>Paralithodes</i> spp.	4
		Tanner Crab	<i>Chionoectes</i> spp.	4
	Arctic (0 species)			
International Pacific Halibut Commission IPHC ; Pacific Fishery Management Council PFMC ; NOAA Fisheries West Coast Regional Office WCRO	California Current (10 species)	Pacific Halibut	<i>Hippoglossus stenolepis</i>	
		Pacific Salmon	<i>Oncorhynchus</i> spp.	5
		Dungeness Crab	<i>Metacarcinus magister</i>	
		Sharks	Great White Shark <i>Carcharodon carcharias</i> , Basking Shark <i>Cetorhinus maximus</i> , Mega Mouth Shark <i>Megachasma pelagio</i>	3

Council/Authority	Region	Prohibited Species	Scientific Name	Number
Western Pacific Fishery Management Council WPFMC ; NOAA Fisheries Pacific Islands Regional Office PIRO	Hawaii (29 taxa)	Spectacled Parrotfish "Uhu uliuli" (only Maui jurisdiction)	<i>Chlorurus perspicillatus</i>	
		Ember Parrotfish "Uhu 'ele'ele" (only Maui jurisdiction)	<i>Scarus rubroviolaceus</i>	
		Clams, oysters, and other mollusks	Abalone <i>Haliotis</i> spp., Cherrystone clam (quahog) <i>Mercenaria mercenaria</i> , Coral rock oyster <i>Crassostrea amasa</i> , Eastern oyster <i>C. virginica</i> , Japanese oyster <i>C. gigas</i> , Pearl oyster <i>Pinctada margaritifera</i> , Top shell <i>Trochus</i> spp.	7
		Live Rock	Any coral reef resource attached to a hard substrate, including dead coral or rock (excluding individual mollusk shells)	
		Pink, Gold, and Black Corals (State jurisdiction)	<i>Antipathes</i> spp., <i>Corallium</i> spp., <i>Gerardia</i> spp., <i>Narella</i> spp.	8
		Stony Corals	Families Acroporidae, Agariciidae, Astrocoeniidae, Balanophyllidae, Caryophyllidae, Dendrophylliidae, Faviidae, Fungiidae, Pocilloporidae, Poritidae, Siderastreae	11
	Territories			
	American Samoa (16 taxa)	Gold Corals	<i>Calyptrophora</i> spp., <i>Gerardia</i> spp., <i>Narella</i> spp.	3

Council/Authority	Region	Prohibited Species	Scientific Name	Number
Western Pacific Fishery Management Council WPFMC ; NOAA Fisheries Pacific Islands Regional Office PIRO	American Samoa (16 taxa)	Living Corals	Families Acroporidae, Agariciidae, Astrocoeniidae, Balanophyllidae, Caryophyllidae, Coralliidae, Dendrophylliidae, Faviidae, Fungiidae, Pocilloporidae, Poritidae, Siderastreae	12
		Live Rock		
	Marianas (16 taxa)	Gold Corals	<i>Calyptrophora</i> spp., <i>Gerardia</i> spp., <i>Narella</i> spp.	3
		Living Corals	Families Acroporidae, Agariciidae, Astrocoeniidae, Balanophyllidae, Caryophyllidae, Coralliidae, Dendrophylliidae, Faviidae, Fungiidae, Pocilloporidae, Poritidae, Siderastreae	12
		Live Rock		
	Pelagics (0 species)			
	Pacific Remote Islands (16 taxa)	Gold Corals	<i>Calyptrophora</i> spp., <i>Gerardia</i> spp., <i>Narella</i> spp.	3
		Living Corals	Families Acroporidae, Agariciidae, Astrocoeniidae, Balanophyllidae, Caryophyllidae, Coralliidae, Dendrophylliidae, Faviidae, Fungiidae, Pocilloporidae, Poritidae, Siderastreae	12
		Live Rock		

Council/Authority	Region	Prohibited Species	Scientific Name	Number
Gulf of Mexico Fishery Management Council GMFMC ; NOAA Fisheries Southeast Regional Office SERO	Gulf of Mexico (2 species fishes, 2 species sea fans, 142 hydrozoan, stony coral, and black coral taxa)	Red Drum	<i>Sciaenops ocellatus</i>	
		Goliath Grouper	<i>Epinephelus itajara</i>	
		Sea Fans	<i>Gorgonia</i> spp.	
		Hydrozoans, Hard corals and Black corals	Families Acroporidae, Agaricidae, Anthemiphylliidae, Astrocoeniidae, Cayophyllidae, Dendrophyllidae, Faviidae, Flabellidae, Fungiidae, Guyniidae, Meandrinidae, Milleporidae, Mussidae, Oculinidae, Pocilloporidae, Poritidae, Rhizangiidae, Siderastreidae, Orders Antipatharia, Stylasterina	
		Live Rock	Any coral reef resource attached to a hard substrate, including dead coral or rock (excluding individual mollusk shells)	
Caribbean Fishery Management Council CFMC ; SERO	Caribbean (5 species fishes, 44 soft coral and gorgonian taxa, 50 hydrozoan, stony coral and black coral taxa)	Goliath Grouper	<i>Epinephelus itajara</i>	
		Nassau Grouper	<i>Epinephelus striatus</i>	
		Midnight Parrotfish	<i>Scarus coelestinus</i>	
		Blue Parrotfish	<i>Scarus coeruleus</i>	
		Rainbow Parrotfish	<i>Scarus guacamaia</i>	
		Soft corals and Gorgonians	Families Anthothelidae, Briaridae, Clavulariidae, Ellisellidae, Gorgoniidae, Plexauridae	
		Hydrozoans, Hard corals and Black corals	Families Acroporidae, Agaricidae, Astrocoeniidae, Cayophyllidae, Faviidae, Meandrinidae,	

Council/Authority	Region	Prohibited Species	Scientific Name	Number
Caribbean Fishery Management Council CFMC; SERO	Caribbean (5 species fishes, 44 soft coral and gorgonian taxa, 50 hydrozoan, stony coral and black coral taxa)	Hydrozoans, Hard corals and Black corals (cont'd)	Milleporidae, Mussidae, Oculinidae, Pocillopridae, Poritidae, Rhizangiidae, Siderastreidae, Stylasteridae, Order Antipatharia	
		Live Rock	Any coral reef resource attached to a hard substrate, including dead coral or rock (excluding individual mollusk shells)	
South Atlantic Fishery Management Council SAFMC; SERO	South Atlantic (5 species fishes, 2 species sea fans, 142 hydrozoan, stony coral, and black coral taxa)	Goliath Grouper	<i>Epinephelus itajara</i>	
		Speckled Hind	<i>Epinephelus drummondhayi</i>	
		Warsaw Grouper	<i>Epinephelus nigritus</i>	
		Nassau Grouper	<i>Epinephelus striatus</i>	
		Red Snapper (Limited Harvest)	<i>Lutjanus campechanus</i>	
		Federal Red Drum	<i>Sciaenops ocellatus</i>	
		Sea Fans	<i>Gorgonia</i> spp.	
		Hydrozoans, Hard corals and Black corals	Families Acroporidae, Agaricidae, Anthemiphylliidae, Astrocoeniidae, Cayophyllidae, Dendrophyllidae, Faviidae, Flabellidae, Fungiidae, Guyniidae, Meandrinidae, Milleporidae, Mussidae, Oculinidae, Pocillopridae, Poritidae, Rhizangiidae, Siderastreidae, Orders Antipatharia, Stylasterina	
		Live Rock	Any coral reef resource attached to a hard substrate, including dead coral or rock (excluding individual mollusk shells)	

Council/Authority	Region	Prohibited Species	Scientific Name	Number
Mid Atlantic Fishery Management Council MAFMC ; New England Fishery Management Council NEFMC ; Greater Atlantic Regional Fisheries Office GARFO	Mid Atlantic and New England (9 species)	Atlantic Salmon	<i>Salmo salar</i>	
		Federal Red Drum	<i>Sciaenops ocellatus</i>	
		Ocean Pout	<i>Zoarces americanus</i>	
		Windowpane Flounder	<i>Scophthalmus aquosus</i>	
		Atlantic Wolffish	<i>Anarhichas lupus</i>	
		Barndoor Skate	<i>Dipturus laevis</i>	
		Thorny Skate	<i>Amblyraja radiata</i>	
		Smooth Skate	<i>Malacoraja senta</i>	
		Federal Striped Bass	<i>Morone saxatilis</i>	
NOAA Fisheries Office of Sustainable Fisheries Highly Migratory Species Division HMS ; SERO	Atlantic Highly Migratory (22 species)	Sharks	<i>Alopias superciliosus</i> , <i>Carcharhinus</i> spp., <i>Carcharias taurus</i> , <i>Carcharodon carcharias</i> , <i>Hexachus</i> spp., <i>Isurus paucus</i> , <i>Notorynchus cepedianus</i> , <i>Odontaspis noronhai</i> , <i>Rhincodon typus</i> , <i>Rhizoprionodon porosus</i> , <i>Squatina demeril</i>	21
		Billfishes	Longbill Spearfish <i>Tetrapturus pfluegeri</i>	
Atlantic States Marine Fisheries Commission ASMFC	Atlantic State Waters (19 species)	Coastal Sharks	<i>Alopias superciliosus</i> , <i>Carcharhinus</i> spp., <i>Carcharias taurus</i> , <i>Carcharodon carcharias</i> , <i>Hexachus</i> spp., <i>Isurus paucus</i> , <i>Notorynchus cepedianus</i> , <i>Odontaspis noronhai</i> , <i>Rhincodon typus</i> , <i>Rhizoprionodon porosus</i> , <i>Squatina demeril</i>	19

Council/Authority	Region	Prohibited Species	Scientific Name	Number
Gulf States Marine Fisheries Commission GSMFC	Gulf of Mexico State Waters (76 taxa)	Bonefish	<i>Albula vulpes</i>	
		Snook	<i>Centropomus undecimalis</i>	
		Stony, Fire, Black, Hard Corals	Families Acroporidae, Agariciidae, Astrocoeniidae, Balanophyllidae, Caryophyllidae, Coralliidae, Dendrophylliidae, Faviidae, Fungiidae, Merulinidae, Mussidae, Oculinidae, Pocilloporidae, Poritidae, Siderastreae, <i>Antipathes</i> spp., <i>Millepora</i> spp.	17
		Goliath Grouper	<i>Epinephelus itajara</i>	
		Nassau Grouper	<i>Epinephelus striatus</i>	
		Speckled Hind	<i>Epinephelus drummondhayi</i>	
		Warsaw Grouper	<i>Epinephelus nigrilus</i>	
		Sharks	<i>Alopias superciliosus</i> , <i>Carcharhinus</i> spp., <i>Carcharias taurus</i> , <i>Carcharodon carcharias</i> , <i>Galeocerdo cuvier</i> , <i>Hexachus</i> spp., <i>Isurus paucus</i> , <i>Notorynchus cepedianus</i> , <i>Odontaspis noronhai</i> , <i>Rhincodon typus</i> , <i>Rhizoprionodon porosus</i> , <i>Sphyrna</i> spp., <i>Squatina demeril</i>	25
		Red Drum	<i>Sciaenops ocellatus</i>	
		Blue Marlin	<i>Makaira nigricans</i>	
		Roundscale Spearfish	<i>Tetrapturus georgii</i>	
		Striped Marlin	<i>Kajikia audax</i>	
		White Marlin	<i>Kajikia albida</i>	
		Sailfish	<i>Istiophorus albicans</i>	

Council/Authority	Region	Prohibited Species	Scientific Name	Number
Gulf States Marine Fisheries Commission GSMFC	Gulf of Mexico State Waters (76 taxa)	Gulf Sturgeon	<i>Acipenser oxyrinchus desotoi</i>	2
		Atlantic Sturgeon	<i>Acipenser oxyrinchus oxyrinchus</i>	
		Sawfishes	<i>Pristis pectinata</i> , <i>P. pristis</i>	
		Spiny Dogfish	<i>Squalus acanthias</i>	2
		Manta Rays	<i>Manta alfredi</i> , <i>M. birostris</i>	
		Devil Ray	<i>Manta hypostoma</i>	
		Spotted Eagle Ray	<i>Aetobatus narinari</i>	
		Longbill Spearfish	<i>Tetrapturus pfluegeri</i>	
		Mediterranean Spearfish	<i>Tetrapturus belone</i>	
		Longspine Urchin	<i>Diadema antillarum</i>	
		Live Rock		
		Queen Conch	<i>Lobatus gigas</i>	
		Calico Scallop	<i>Argopecten gibbus</i>	
		Atlantic Tarpon	<i>Megalops atlanticus</i>	
		Mitten Crab	<i>Eriocheir sinensis</i>	
		Bay Scallop	<i>Argopecten irradians</i>	
		Seafans	<i>Gorgonia</i> spp.	2
		Bahama Starfish	<i>Oreaster reticulatus</i>	
		Horseshoe Crab	<i>Limulus polyphemus</i>	

Table S7. List of protected species under the Endangered Species Act (ESA) or Marine Mammal Protection Act (MMPA) per U.S. marine region, including the Great Lakes.

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
E Bering Sea/Aleutian Islands, Gulf of Alaska, and Arctic (29 species)	North Pacific Fishery Management Council NPFMC ; NOAA Fisheries Alaska Regional Office AKRO	Pinnipeds	Stellar Sea Lion	<i>Eumetopias jubatus</i>
			Harbor Seal	<i>Phoca vitulina</i>
			Ice Seals	Ringed Seal <i>Phoca hispida</i> , Ribbon Seal <i>Histiophoca fasciata</i> , Spotted Seal <i>Phoca largha</i> , Bearded Seal <i>Erignathus barbatus</i>
			Northern Fur Seal	<i>Callorhinus ursinus</i>
		Whales	Baird's Beaked Whale	<i>Berardius bairdii</i>
			Beluga Whales	<i>Delphinapterus leucas</i>
			Bowhead Whale	<i>Balaena mysticetus</i>
			Fin Whale	<i>Balaenoptera physalus</i>
			Humpback Whale	<i>Megaptera novaeangliae</i>
			Gray Whale	<i>Eschrichtius robustus</i>
			Killer Whale (Orca)	<i>Orcinus orca</i>
			Narwhal	<i>Monodon monoceros</i>
			Northern Minke Whale	<i>Balaenoptera acutorostrata</i>
			North Pacific Right Whale	<i>Eubalaena japonica</i>
			Sei Whale	<i>Balaenoptera borealis</i>
			Sperm Whale	<i>Physeter macrocephalus</i>
		Dolphins/Porpoises	Dall's Porpoise	<i>Phocoenoides dalli</i>
			Harbor Porpoise	<i>Phocoena phocoena</i>
			Pacific White-Sided Dolphin	<i>Lagenorhynchus obliquidens</i>
	U.S. Fish and Wildlife Service FWS	Seabirds	Spectacled Eider	<i>Somateria fischeri</i>
			Steller's Eider	<i>Polysticta stelleri</i>
		Other Species	Sea Otter	<i>Enhydra lutris</i>
			Polar Bear	<i>Ursus maritimus</i>
			Walrus	<i>Odobenus rosmarus</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
Pacific – California Current (50 species)	Pacific Fishery Management Council PFMC ; NOAA Fisheries West Coast Regional Office WCRO	Baleen Whales	Blue Whale	<i>Balaenoptera musculus</i>
			Fin Whale	<i>Balaenoptera physalus</i>
			Gray Whale	<i>Eschrichtius robustus</i>
			Humpback Whale	<i>Megaptera novaeangliae</i>
			Northern Minke Whale	<i>Balaenoptera acutorostrata</i>
			North Pacific Right Whale	<i>Eubalaena japonica</i>
			Sei Whale	<i>Balaenoptera borealis</i>
		Toothed Whales	Baird's Beaked Whale	<i>Berardius bairdii</i>
			Cuvier's Beaked Whale	<i>Ziphius cavirostris</i>
			Dwarf Sperm Whale	<i>Kogia sima</i>
			Hubb's Beaked Whale	<i>Mesoplodon carlhubbsi</i>
			Killer Whale (Orca)	<i>Orcinus orca</i>
			Pygmy Sperm Whale	<i>Kogia breviceps</i>
			Short-Finned Pilot Whale	<i>Globicephala macrorhynchus</i>
			Sperm Whale	<i>Physeter macrocephalus</i>
			Stejneger's Beaked Whale	<i>Mesoplodon stejnegeri</i>
		Dolphins/Porpoises	Common Bottlenose Dolphin	<i>Tursiops truncatus</i>
			Dall's Porpoise	<i>Phocoenoides dalli</i>
			Harbor Porpoise	<i>Phocoena phocoena</i>
			Long Beaked Common Dolphin	<i>Delphinus capensis</i>
			Northern Right Whale Dolphin	<i>Lissodelphis borealis</i>
			Pacific White-Sided Dolphin	<i>Lagenorhynchus obliquidens</i>
			Risso's Dolphin	<i>Grampus griseus</i>
			Short Beaked Common Dolphin	<i>Delphinus delphis</i>
			Striped Dolphin	<i>Stenella coeruleoalba</i>
		Pinnipeds	Harbor Seal	<i>Phoca vitulina</i>
			Northern Elephant Seal	<i>Mirounga ngustirostris</i>
			Northern Fur Seal	<i>Callorhinus ursinus</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
Pacific – California Current (50 species)	Pacific Fishery Management Council PFMC ; NOAA Fisheries West Coast Regional Office WCRO	Pinnipeds	California Sea Lion	<i>Zalophus californianus</i>
			Steller Sea Lion	<i>Eumetopias jubatus</i>
			Guadalupe Fur Seal	<i>Arctocephalus townsendi</i>
		Sea Turtles	Leatherback sea turtle	<i>Dermochelys coriacea</i>
			Green sea turtle	<i>Chelonia mydas</i>
			Olive Ridley sea turtle	<i>Lepidochelys olivacea</i>
			Loggerhead sea turtle	<i>Caretta caretta</i>
		Fishes	Puget Sound Yelloweye Rockfish	<i>Sebastes ruberrimus</i>
			Puget Sound Bocaccio Rockfish	<i>Sebastes paucispinis</i>
			Eulachon	<i>Thaleichthys pacificus</i>
			Green Sturgeon	<i>Acipenser medirostris</i>
			Gulf Grouper	<i>Mycteroperca jordani</i>
			Pacific Salmon and Steelhead	<i>Oncorhynchus</i> spp. (n=6)
			Scalloped Hammerhead Shark	<i>Sphyrna lewini</i>
		Invertebrates	White Abalone	<i>Haliotis sorenseni</i>
			Black Abalone	<i>Haliotis cracherodii</i>
	WCRO; FWS	Other Species	Sea Otter	<i>Enhydra lutris</i>
Hawaii and Pacific Islands Territories (52 species)	Western Pacific Fishery Management Council WPFMC ; NOAA Fisheries Pacific Islands Regional Office PIRO	Seals	Hawaiian Monk Seal	<i>Neomonachus schauinslandi</i>
		Whales	Blainville's beaked whale	<i>Mesoplodon densirostris</i>
			Blue Whale	<i>Balaenoptera musculus</i>
			Bryde's whale	<i>Balaenoptera edeni</i>
			Cuvier's beaked whale	<i>Ziphius cavirostris</i>
			Dwarf sperm whale	<i>Kogia simus</i>
			False killer whale	<i>Pseudorca crassidens</i>
			Fin Whale	<i>Balaenoptera physalus</i>
			Humpback Whale	<i>Megaptera novaeangliae</i>
			Killer whale	<i>Orcinus orca</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
Hawaii and Pacific Islands Territories (52 species)	Western Pacific Fishery Management Council WPFMC ; NOAA Fisheries Pacific Islands Regional Office PIRO	Whales	Longman’s beaked whale	<i>Indopacetus pacificus</i>
			Melon-headed whale	<i>Peponocephala electra</i>
			Minke whale	<i>Balaenoptera acutorostrata</i>
			Pygmy killer whale	<i>Feresa attenuata</i>
			Pygmy sperm whale	<i>Kogia breviceps</i>
			Sei Whale	<i>Balaenoptera borealis</i>
			Short-finned pilot whale	<i>Globicephala macrorhynchus</i>
			Sperm Whale	<i>Physeter macrocephalus</i>
		Dolphins	Common Bottlenose dolphin	<i>Tursiops truncatus</i>
			Common dolphin	<i>Delphinus delphis</i>
			Dall’s porpoise	<i>Phocoenoides dalli</i>
			Fraser’s dolphin	<i>Lagenodelphis hosei</i>
			Pacific white-sided dolphin	<i>Lagenorhynchus obliquidens</i>
			Risso’s dolphin	<i>Grampus griseus</i>
			Rough-toothed dolphin	<i>Steno bredanensis</i>
			Spinner dolphin	<i>Stenella longirostris</i>
			Pantropical Spotted dolphin	<i>Stenella attenuata</i>
			Striped dolphin	<i>Stenella coeruleoalba</i>
		Sea Turtles	Leatherback sea turtle	<i>Dermochelys coriacea</i>
			Green sea turtle	<i>Chelonia mydas</i>
			Olive Ridley sea turtle	<i>Lepidochelys olivacea</i>
			Loggerhead sea turtle	<i>Caretta caretta</i>
			Hawksbill sea turtle	<i>Eretmochelys imbricata</i>
		Fishes	Scalloped Hammerhead shark	<i>Sphyrna lewini</i>
		Corals (n=15)		<i>Acropora</i> spp., <i>Euphyllia paradivisa</i> , <i>Isopora crateriformis</i> , <i>Montipora australiensis</i> , <i>Pavona diffluens</i> , <i>Porites napopora</i> , <i>Seriatopora aculeata</i>
	FWS	Seabirds	Newell’s Shearwater	<i>Puffinus auricularis</i>
			Micronesian Megapode	<i>Megapodius laperouse</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
Hawaii and Pacific Islands Territories (52 species)	FWS	Seabirds	Short-tailed albatrosses	<i>Phoebastria immutabilis</i>
		Other Species	Dugongs	<i>Dugon dugong</i>
Gulf of Mexico (45 species)	Gulf of Mexico Fishery Management Council GMFMC ; NOAA Fisheries Southeast Regional Office SERO	Whales	Blainville's Beaked Whale	<i>Mesoplodon densirostris</i>
			Blue Whale	<i>Balaenoptera musculus</i>
			Bryde's Whale	<i>Balaenoptera edeni</i>
			Cuvier's Beaked Whale	<i>Ziphius cavirostris</i>
			Dwarf Sperm Whale	<i>Kogia sima</i>
			False Killer Whale	<i>Pseudorca crassidens</i>
			Fin Whale	<i>Balaenoptera physalus</i>
			Gervais' Beaked Whale	<i>Mesoplodon europaeus</i>
			Humpback Whale	<i>Megaptera novaeangliae</i>
			Killer Whale (Orca)	<i>Orcinus orca</i>
			Melon Headed Whale	<i>Peponocephala electra</i>
			Minke Whale	<i>Balaenoptera acutorostrata</i>
			North Atlantic Right Whale	<i>Eubalaena glacialis</i>
			Pygmy Killer Whale	<i>Feresa attenuata</i>
			Pygmy Sperm Whale	<i>Kogia breviceps</i>
			Sei Whale	<i>Balaenoptera borealis</i>
			Short Finned Pilot Whale	<i>Globicephala macrorhynchus</i>
			Sowerby's Beaked Whale	<i>Mesoplodon bidens</i>
			Sperm Whale	<i>Physeter macrocephalus</i>
		Dolphins	Atlantic Spotted Dolphin	<i>Stenella frontalis</i>
			Common Bottlenose Dolphin	<i>Tursiops truncatus truncatus</i>
			Clymene Dolphin	<i>Stenella clymene</i>
			Fraser's Dolphin	<i>Lagenodelphis hosei</i>
			Pantropical Spotted Dolphin	<i>Stenella attenuata</i>
			Risso's Dolphin	<i>Grampus griseus</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
Gulf of Mexico (45 species)	Gulf of Mexico Fishery Management Council GMFMC ; NOAA Fisheries Southeast Regional Office SERO	Dolphins	Rough-toothed Dolphin	<i>Steno bredanensis</i>
			Spinner Dolphin	<i>Stenella longirostris</i>
			Striped Dolphin	<i>Stenella coeruleoalba</i>
		Sea Turtles	Green sea turtle	<i>Chelonia mydas</i>
			Hawksbill sea turtle	<i>Eretmochelys imbricata</i>
			Kemp's Ridley sea turtle	<i>Lepidochelys kempii</i>
			Leatherback sea turtle	<i>Dermochelys coriacea</i>
			Loggerhead sea turtle	<i>Caretta caretta</i>
		Fishes	Gulf Sturgeon	<i>Acipenser oxyrinchus desotoi</i>
			Nassau Grouper	<i>Epinephelus striatus</i>
			Largetooth Sawfish	<i>Pristis microdon</i>
			Smalltooth Sawfish	<i>Pristis pectinata</i>
		Corals	Rough Cactus Coral	<i>Mycetophyllia ferox</i>
			Pillar Coral	<i>Dendrogyra cylindrus</i>
			Lobed Star Coral	<i>Orbicella annularis</i>
			Mountainous Star Coral	<i>Orbicella faveolata</i>
			Boulder Star Coral	<i>Orbicella franksi</i>
			Staghorn Coral	<i>Acropora cervicornis</i>
			Elkhorn Coral	<i>Acropora palmata</i>
	FWS	Other Species	West Indian Manatee	<i>Trichechus manatus</i>
U.S. Caribbean (43 species)	Caribbean Fishery Management Council CFMC ; SERO	Whales	Blainville's Beaked Whale	<i>Mesoplodon densirostris</i>
			Blue Whale	<i>Balaenoptera musculus</i>
			Bryde's Whale	<i>Balaenoptera edeni</i>
			Cuvier's Beaked Whale	<i>Ziphius cavirostris</i>
			Dwarf Sperm Whale	<i>Kogia sima</i>
			False Killer Whale	<i>Pseudorca crassidens</i>
			Fin Whale	<i>Balaenoptera physalus</i>
			Gervais' Beaked Whale	<i>Mesoplodon europaeus</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
U.S. Caribbean (43 species)	Caribbean Fishery Management Council CFMC ; SERO	Whales	Humpback Whale	<i>Megaptera novaeangliae</i>
			Killer Whale (Orca)	<i>Orcinus orca</i>
			Melon Headed Whale	<i>Peponocephala electra</i>
			Minke Whale	<i>Balaenoptera acutorostrata</i>
			North Atlantic Right Whale	<i>Eubalaena glacialis</i>
			Pygmy Killer Whale	<i>Feresa attenuata</i>
			Pygmy Sperm Whale	<i>Kogia breviceps</i>
			Sei Whale	<i>Balaenoptera borealis</i>
			Short Finned Pilot Whale	<i>Globicephala macrorhynchus</i>
			Sowerby's Beaked Whale	<i>Mesoplodon bidens</i>
			Sperm Whale	<i>Physeter macrocephalus</i>
		Dolphins	Atlantic Spotted Dolphin	<i>Stenella frontalis</i>
			Common Bottlenose Dolphin	<i>Tursiops truncatus truncatus</i>
			Clymene Dolphin	<i>Stenella clymene</i>
			Fraser's Dolphin	<i>Lagenodelphis hosei</i>
			Pantropical Spotted Dolphin	<i>Stenella attenuata</i>
			Risso's Dolphin	<i>Grampus griseus</i>
			Rough-toothed Dolphin	<i>Steno bredanensis</i>
			Spinner Dolphin	<i>Stenella longirostris</i>
			Striped Dolphin	<i>Stenella coeruleoalba</i>
		Sea Turtles	Green sea turtle	<i>Chelonia mydas</i>
			Hawksbill sea turtle	<i>Eretmochelys imbricata</i>
			Kemp's Ridley sea turtle	<i>Lepidochelys kempii</i>
			Leatherback sea turtle	<i>Dermochelys coriacea</i>
			Loggerhead sea turtle	<i>Caretta caretta</i>
		Fishes	Nassau Grouper	<i>Epinephelus striatus</i>
			Scalloped Hammerhead Shark	<i>Sphyrna lewini</i>
			Giant Oceanic Manta Ray	<i>Manta birostris</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
U.S. Caribbean (43 species)	Caribbean Fishery Management Council CFMC ; SERO	Fishes	Oceanic Whitetip Shark (suggested, not confirmed)	<i>Carcharhinus longimanus</i>
		Corals	Rough Cactus Coral	<i>Mycetophyllia ferox</i>
			Pillar Coral	<i>Dendrogyra cylindrus</i>
			Lobed Star Coral	<i>Orbicella annularis</i>
			Mountainous Star Coral	<i>Orbicella faveolata</i>
			Boulder Star Coral	<i>Orbicella franksi</i>
			Staghorn Coral	<i>Acropora cervicornis</i>
			Elkhorn Coral	<i>Acropora palmata</i>
	FWS	Other Species	West Indian Manatee	<i>Trichechus manatus</i>
South Atlantic (50 species)	South Atlantic Fishery Management Council SAFMC ; SERO	Whales	Blainsville's Beaked Whale	<i>Mesoplodon densirostris</i>
			Blue Whale	<i>Balaenoptera musculus</i>
			Cuvier's Beaked Whale	<i>Ziphius cavirostris</i>
			Dwarf Sperm Whale	<i>Kogia sima</i>
			False Killer Whale	<i>Pseudorca crassidens</i>
			Fin Whale	<i>Balaenoptera physalus</i>
			Gervais' Beaked Whale	<i>Mesoplodon europaeus</i>
			Humpback Whale	<i>Megaptera novaeangliae</i>
			Killer Whale (Orca)	<i>Orcinus orca</i>
			Long-Finned Pilot Whale	<i>Globicephala melas</i>
			Melon Headed Whale	<i>Peponocephala electra</i>
			Minke Whale	<i>Balaenoptera acutorostrata</i>
			North Atlantic Right Whale	<i>Eubalaena glacialis</i>
			Pygmy Killer Whale	<i>Feresa attenuata</i>
			Pygmy Sperm Whale	<i>Kogia breviceps</i>
			Sei Whale	<i>Balaenoptera borealis</i>
			Short Finned Pilot Whale	<i>Globicephala macrorhynchus</i>
			Sowerby's Beaked Whale	<i>Mesoplodon bidens</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
South Atlantic (50 species)	South Atlantic Fishery Management Council SAFMC ; SERO	Whales	Sperm Whale	<i>Physeter macrocephalus</i>
			True's Beaked Whale	<i>Mesoplodon mirus</i>
		Dolphins	Atlantic Spotted Dolphin	<i>Stenella frontalis</i>
			Common Bottlenose Dolphin	<i>Tursiops truncatus truncatus</i>
			Clymene Dolphin	<i>Stenella clymene</i>
			Common Dolphin	<i>Delphinus delphis</i>
			Fraser's Dolphin	<i>Lagenodelphis hosei</i>
			Harbor Porpoise	<i>Phocoena phocoena</i>
			Pantropical Spotted Dolphin	<i>Stenella attenuata</i>
			Risso's Dolphin	<i>Grampus griseus</i>
			Rough-toothed Dolphin	<i>Steno bredanensis</i>
			Spinner Dolphin	<i>Stenella longirostris</i>
			Striped Dolphin	<i>Stenella coeruleoalba</i>
		Sea Turtles	Green sea turtle	<i>Chelonia mydas</i>
			Hawksbill sea turtle	<i>Eretmochelys imbricata</i>
			Kemp's Ridley sea turtle	<i>Lepidochelys kempii</i>
			Leatherback sea turtle	<i>Dermochelys coriacea</i>
			Loggerhead sea turtle	<i>Caretta caretta</i>
		Fishes	Atlantic Sturgeon	<i>Acipenser oxyrinchus oxyrinchus</i>
			Nassau Grouper	<i>Epinephelus striatus</i>
			Scalloped Hammerhead Shark	<i>Sphyrna lewini</i>
			Shortnose Sturgeon	<i>Acipenser brevirostrum</i>
			Smalltooth Sawfish	<i>Pristis pectinata</i>
		Corals	Rough Cactus Coral	<i>Mycetophyllia ferox</i>
			Pillar Coral	<i>Dendrogyra cylindrus</i>
			Lobed Star Coral	<i>Orbicella annularis</i>
			Mountainous Star Coral	<i>Orbicella faveolata</i>
			Boulder Star Coral	<i>Orbicella franksi</i>
			Staghorn Coral	<i>Acropora cervicornis</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
South Atlantic (50 species)	South Atlantic Fishery Management Council SAFMC ; SERO	Corals	Elkhorn Coral	<i>Acropora palmata</i>
		Seagrasses	Johnson's Seagrass	<i>Halophila johnsonii</i>
	FWS	Other Species	West Indian Manatee	<i>Trichechus manatus</i>
Mid Atlantic and New England (46 species)	Mid Atlantic Fishery Management Council MAFMC ; New England Fishery Management Council NEFMC ; Greater Atlantic Regional Fisheries Office GARFO	Whales	Blainville's Beaked Whale	<i>Mesoplodon densirostris</i>
			Blue Whale	<i>Balaenoptera musculus</i>
			Cuvier's Beaked Whale	<i>Ziphius cavirostris</i>
			Dwarf Sperm Whale	<i>Kogia sima</i>
			False Killer Whale	<i>Pseudorca crassidens</i>
			Fin Whale	<i>Balaenoptera physalus</i>
			Gervais' Beaked Whale	<i>Mesoplodon europaeus</i>
			Humpback Whale	<i>Megaptera novaeangliae</i>
			Killer Whale (Orca)	<i>Orcinus orca</i>
			Long-Finned Pilot Whale	<i>Globicephala melas</i>
			Melon Headed Whale	<i>Peponocephala electra</i>
			Minke Whale	<i>Balaenoptera acutorostrata</i>
			North Atlantic Right Whale	<i>Eubalaena glacialis</i>
			Northern Bottlenose Whale	<i>Hyperoodon ampullatus</i>
			Pygmy Killer Whale	<i>Feresa attenuata</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
Mid Atlantic and New England (46 species)	Mid Atlantic Fishery Management Council MAFMC ; New England Fishery Management Council NEFMC ; Greater Atlantic Regional Fisheries Office GARFO	Whales	Pygmy Sperm Whale	<i>Kogia breviceps</i>
			Sei Whale	<i>Balaenoptera borealis</i>
			Short Finned Pilot Whale	<i>Globicephala macrorhynchus</i>
			Sowerby's Beaked Whale	<i>Mesoplodon bidens</i>
			Sperm Whale	<i>Physeter macrocephalus</i>
			True Beaked Whale	<i>Mesoplodon mirus</i>
		Dolphins	Atlantic Spotted Dolphin	<i>Stenella frontalis</i>
			Atlantic White-Sided Dolphin	<i>Lagenorhynchus acutus</i>
			Common Bottlenose Dolphin	<i>Tursiops truncatus truncatus</i>
			Clymene Dolphin	<i>Stenella clymene</i>
			Common Dolphin	<i>Delphinus delphis</i>
			Fraser's Dolphin	<i>Lagenodelphis hosei</i>
			Harbor Porpoise	<i>Phocoena phocoena</i>
			Pantropical Spotted Dolphin	<i>Stenella attenuata</i>
			Risso's Dolphin	<i>Grampus griseus</i>
			Rough-toothed Dolphin	<i>Steno bredanensis</i>
			Spinner Dolphin	<i>Stenella longirostris</i>
			Striped Dolphin	<i>Stenella coeruleoalba</i>
			White-Beaked Dolphin	<i>Lagenorhynchus albirostris</i>
		Sea Turtles	Green sea turtle	<i>Chelonia mydas</i>
			Hawksbill sea turtle	<i>Eretmochelys imbricata</i>
			Kemp's Ridley sea turtle	<i>Lepidochelys kempii</i>
			Leatherback sea turtle	<i>Dermochelys coriacea</i>
			Loggerhead sea turtle	<i>Caretta caretta</i>
		Fishes	Atlantic Salmon	<i>Salmo salar</i>
			Atlantic Sturgeon	<i>Acipenser oxyrinchus oxyrinchus</i>
			Shortnose Sturgeon	<i>Acipenser brevirostrum</i>
		Seals	Gray seal	<i>Halichoerus grypus</i>
			Harbor seal	<i>Phoca vitulina</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
Mid Atlantic and New England (46 species)	Mid Atlantic Fishery Management Council MAFMC ; New England Fishery Management Council NEFMC ; Greater Atlantic Regional Fisheries Office GARFO	Seals	Harp seal	<i>Phoca groenlandica</i>
			Hooded seal	<i>Crystophora cristata</i>
Great Lakes (24 species)	FWS	Molluscs	Snuffbox Mussel	<i>Epioblasma triquetra</i>
			Spectaclecase Mussel	<i>Cumberlandia monodonta</i>
			Clubshell Mussel	<i>Pleurobema clava</i>
			Northern Riffleshell	<i>Epioblasma torulosa rangiana</i>
			Rayed Bean	<i>Villosa fabalis</i>
			Purple Cat's Paw Pearlymussel	<i>Epioblasma obliquata obliquata</i>
			Rabbitsfoot	<i>Quadrula cylindrica cylindrica</i>
		Plants	Prairie bush-clover	<i>Lespedeza leptostachya</i>
			Dwarf Lake Iris	<i>Iris lacustris</i>
			Fassett's Locoweed	<i>Oxytropis campestris</i> var. <i>chartacea</i>
			Mead's Milkweed	<i>Asclepias meadii</i>
			Eastern Prairie Fringed Orchid	<i>Platanthera leucophaea</i>
			Pitcher's Thistle	<i>Cirsium pitcheri</i>
			Lakeside Daisy	<i>Hymenoxys herbacea</i>
			American Hart's-Tongue Fern	<i>Asplenium scolopendrium</i> var. <i>americanum</i>
			Houghton's Goldenrod	<i>Solidago houghtonii</i>
			Michigan Monkey-Flower	<i>Mimulus michiganensis</i>
			Small Whorled Pogonia	<i>Isotria medeoloides</i>
			Price's Potato-Bean	<i>Apios priceana</i>

Region	Managing Agency	Protected Species Group	Common Name	Scientific Name
Great Lakes (24 species)	FWS	Plants	Leafy Prairie-Clover	<i>Dalea foliosa</i>
		Reptiles	Bog Turtle	<i>Clemmys muhlenbergii</i>
			Eastern Massasauga Rattlesnake	<i>Sistrurus catenatus</i>
		Birds	Piping Plover	<i>Charadrius melodus</i>
			Kirtland's Warbler	<i>Setophaga kirtlandii</i>

Table S8. Number of living marine resources establishments and employments, Gross Domestic Product value (GDP; in USD) from living marine resources revenue, and their percent contribution to total multisector oceanic economy values in the U.S. Caribbean (year 2012). Data derived from the National Ocean Economics Program and Clements et al. 2016.

Year 2012 U.S. Caribbean	
Establishments	124
Employment	1332
GDP	\$11,160,000
%Total Establishments	1.49
%Total Employment	1.65
%Total GDP	0.23

Table S9. Synthesis of average rankings (1 to 9; $\pm$ SE) and classifications (low L, mid M, high H) for primary production (P), biomass (B), total fisheries landings (L), % Living Marine Resources (LMR) employments (jobs, J), and total value of commercial fisheries landings (V) across U.S. marine regions, including the Great Lakes. The relationship among these relative variables is additionally included.

Average Ranking	N Pacific	Pacific	W Pacific	Gulf of Mexico	U.S. Caribbean	S Atlantic	Mid-Atlantic	New England	Great Lakes
Primary Production	4	5	8	3	6	7	1.5	1.5	9
Status of LMRs									
-Total Est. Biomass	2	3	1	6			4.5	4.5	7
-Fisheries Landings	1	4	7	5	9	6	2.5	2.5	8
Socioeconomic Status									
-% LMR Employments	1	2	6	5	9	7	3.5	3.5	8
-Fisheries Value	3	5	7	4	8	6	1.5	1.5	9
Classification	N Pacific	Pacific	W Pacific	Gulf of Mexico	U.S. Caribbean	S Atlantic	Mid-Atlantic	New England	Great Lakes
Primary Production	High	Mid	Low	High	Mid	Mid	High	High	Low
Status of LMRs									
-Total Est. Biomass	High	High	High	Mid			Mid	Mid	Mid
-Fisheries Landings	High	High	Mid	Mid	Low	Mid	High	High	Low
Socioeconomic Status									
-% LMR Employments	High	High	Mid	Mid	Low	Mid	High	High	Low
-Fisheries Value	High	Mid	Mid	High	Low	Mid	High	High	Low
Progression PBLJV	HHHHH	MHHHM	LHMMM	HMMM H	M—LLL	M—MMM	HMHHH	HMHHH	LMLLL

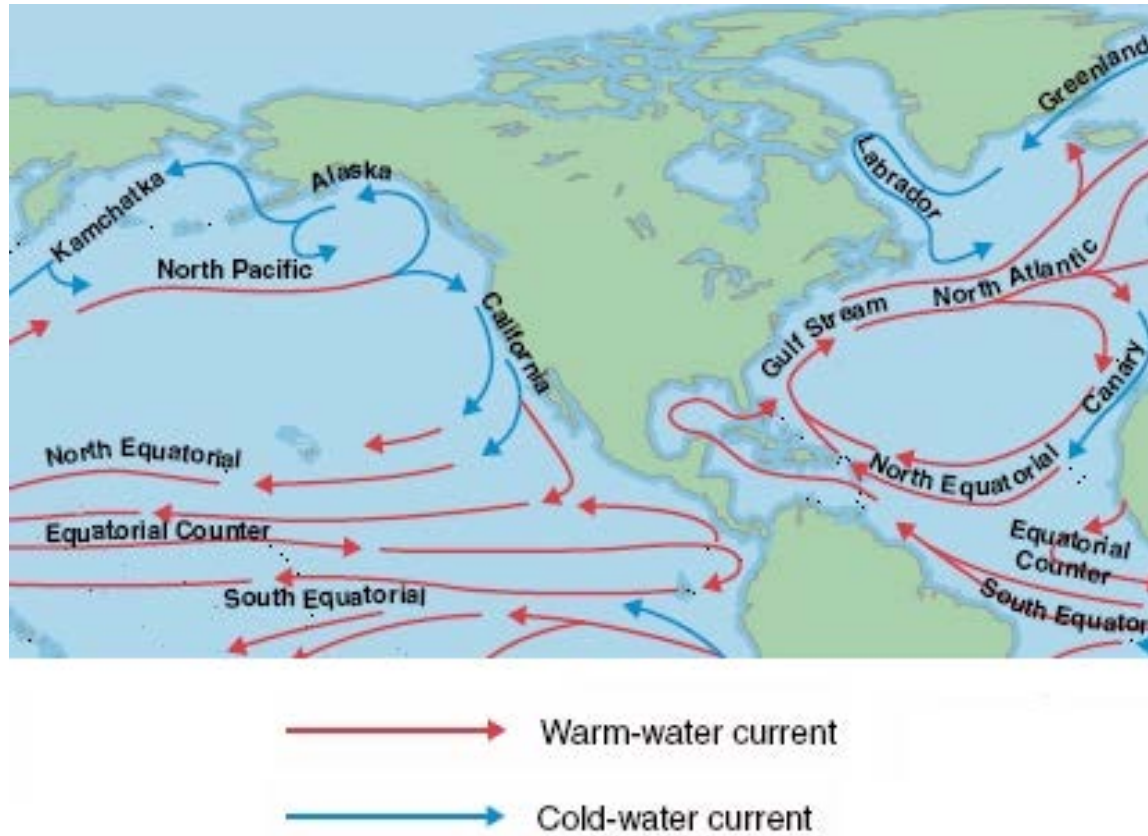


Fig. S1 Major currents throughout and encompassing the United States Exclusive Economic Zone (EEZ). Derived from Satellite Applications for Geoscience Education <https://cimss.ssec.wisc.edu/sage/oceanography/lesson3/images/ocean_currents2.jpg>

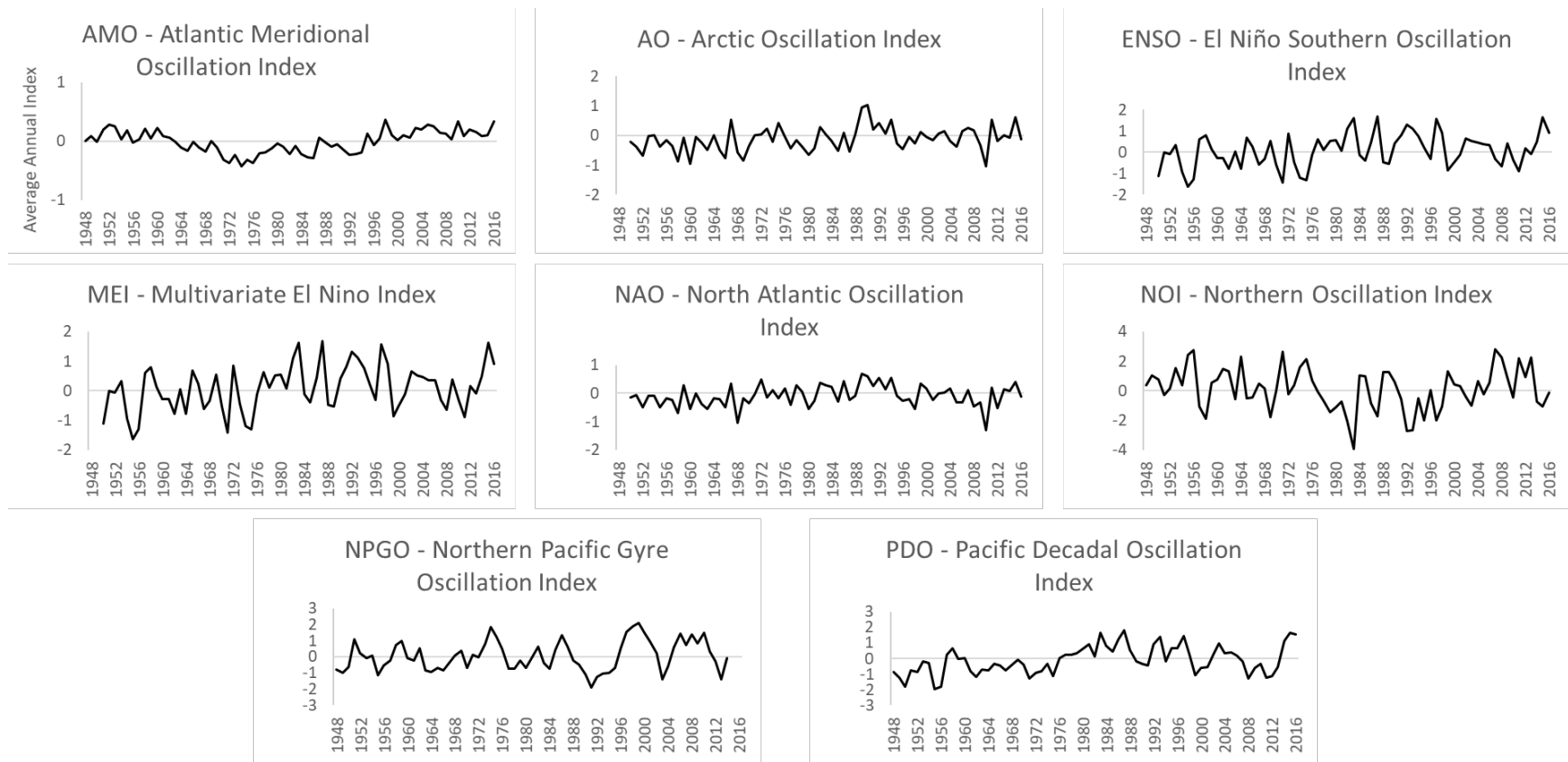


Fig. S2 Climate forcing indices for U.S. marine regions over time (years 1948-2016). Data derived from NOAA Earth System Research Laboratory data framework (<https://www.esrl.noaa.gov/>). Both the ENSO - El Niño Southern Oscillation Index and MEI – Multivariate El Niño Index are featured separately, given the broader colloquial familiarity with ENSO and noting the preferred MEI methodology of depicting and following the El Niño Southern Oscillation.

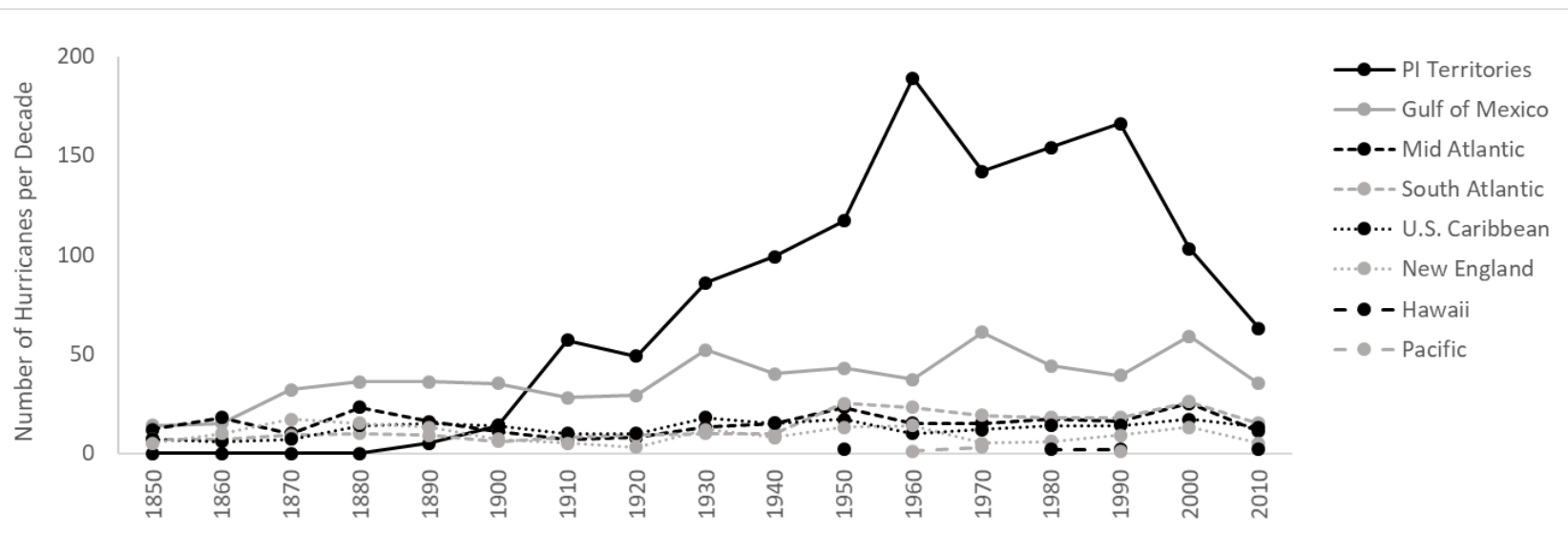
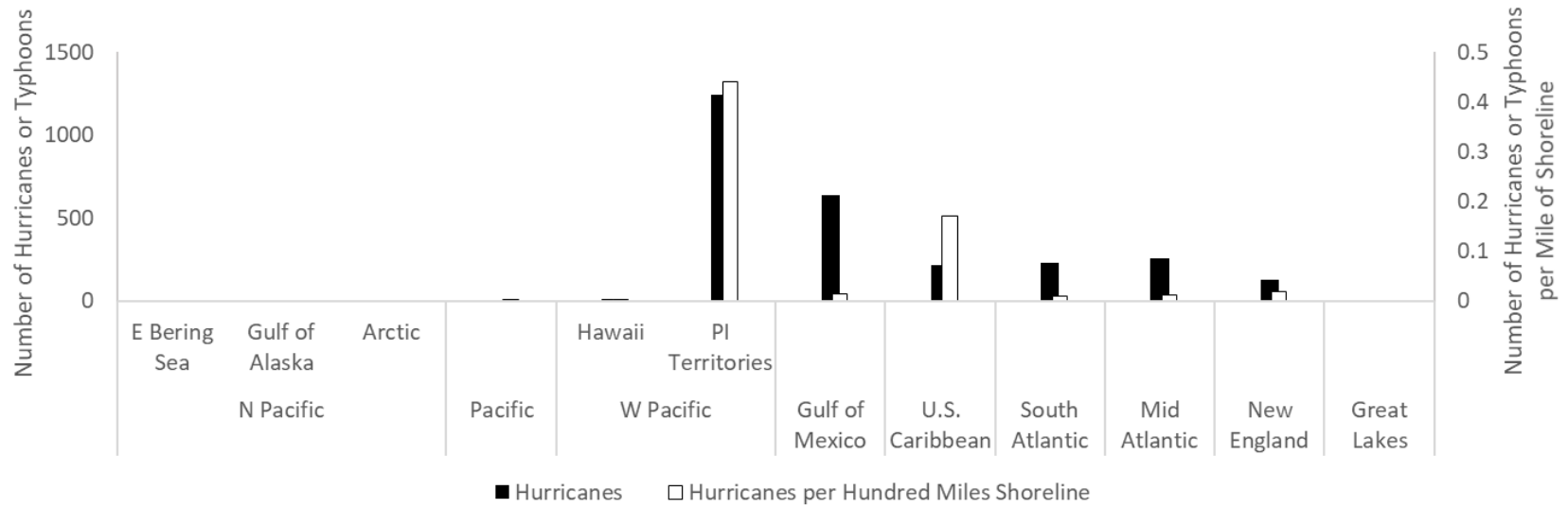


Fig. S3 Total number of hurricanes or typhoons recorded per U.S. marine region, and as standardized by miles of shoreline (top panel) and per decade since year 1850 (bottom panel). Data derived from NOAA Office for Coastal Management (<https://coast.noaa.gov/hurricanes/>).

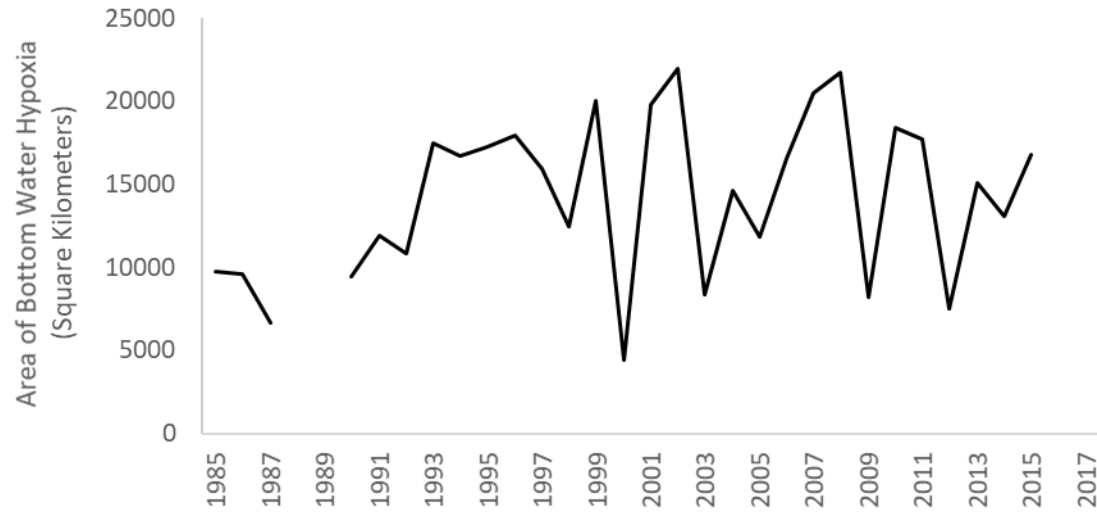


Fig. S4 Area (square kilometers) of mid-summer bottom water hypoxia (≤ 2 mg L⁻¹ of oxygen) event in the northern Gulf of Mexico over time. Data from Louisiana Universities Marine Consortium (LUMCON) Gulf of Mexico Hypoxia Database (<https://gulfhypoxia.net/research/shelfwide-cruises/>).

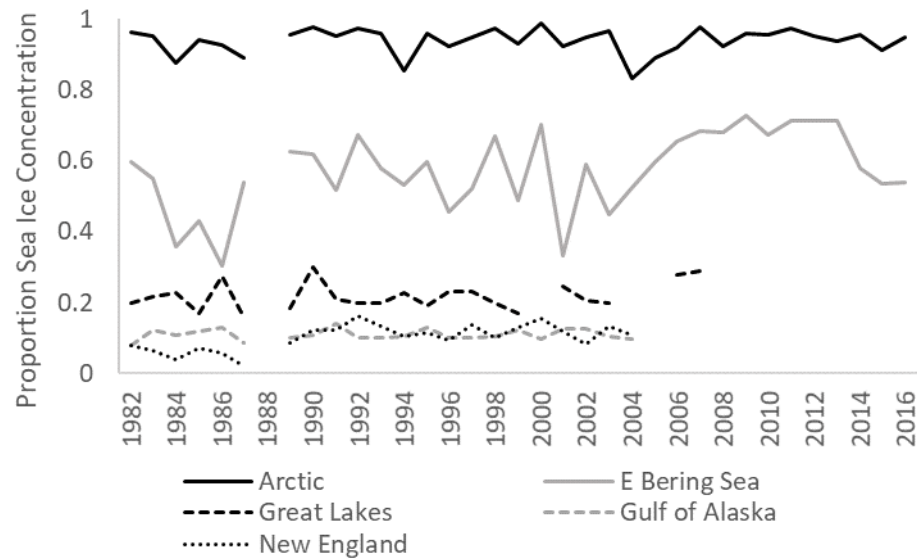


Fig. S5 Proportional area of sea ice concentration per U.S. marine region, including the Great Lakes, over time (years 1982-2016). Data derived from NOAA Earth System Research Laboratory data framework (<https://www.esrl.noaa.gov/>).



Fig. S6 Decadal trends (1970-2010) in coastal human population (millions) for U.S. marine regions, including the Great Lakes. Data derived from U.S. censuses and taken from <https://coast.noaa.gov/digitalcoast/data/demographictrends.html>. Population data for the North Pacific Eastern Bering Sea subregion additionally include residents of the Aleutian Islands.

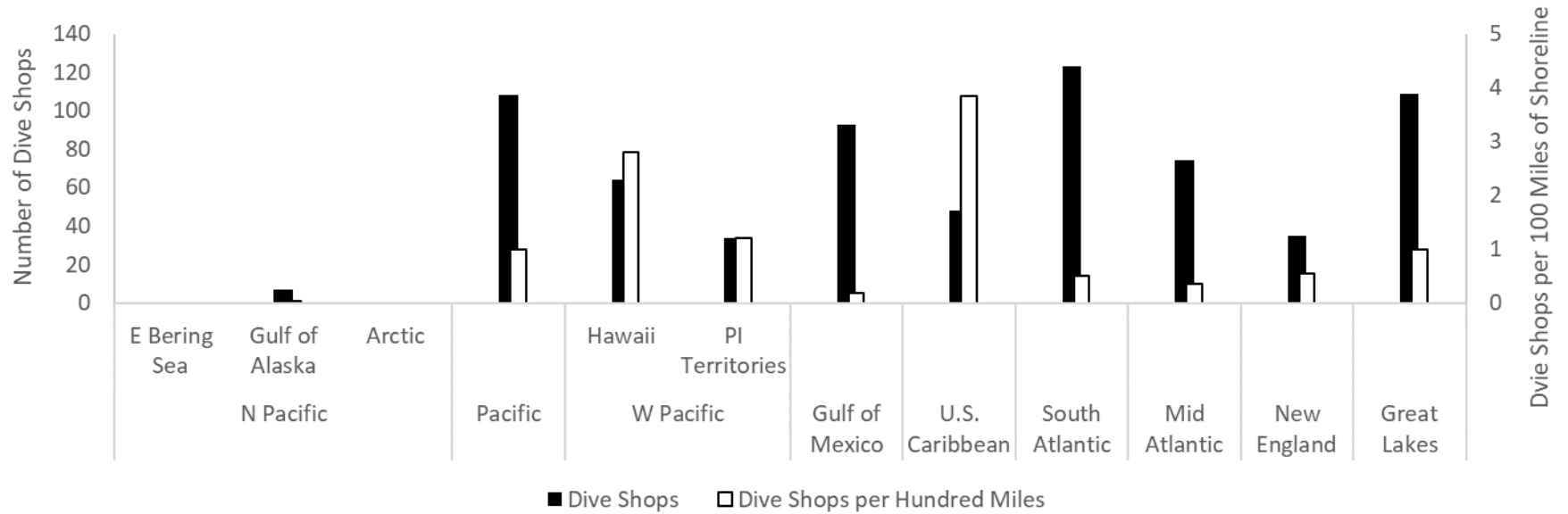


Fig. S7 Number of Professional Association of Diving Instructors (PADI) dive shops per U.S. marine region, including the Great Lakes. Data derived from <http://apps.padi.com/scuba-diving/dive-shop-locator/> and additionally standardized per hundred miles of regional shoreline.

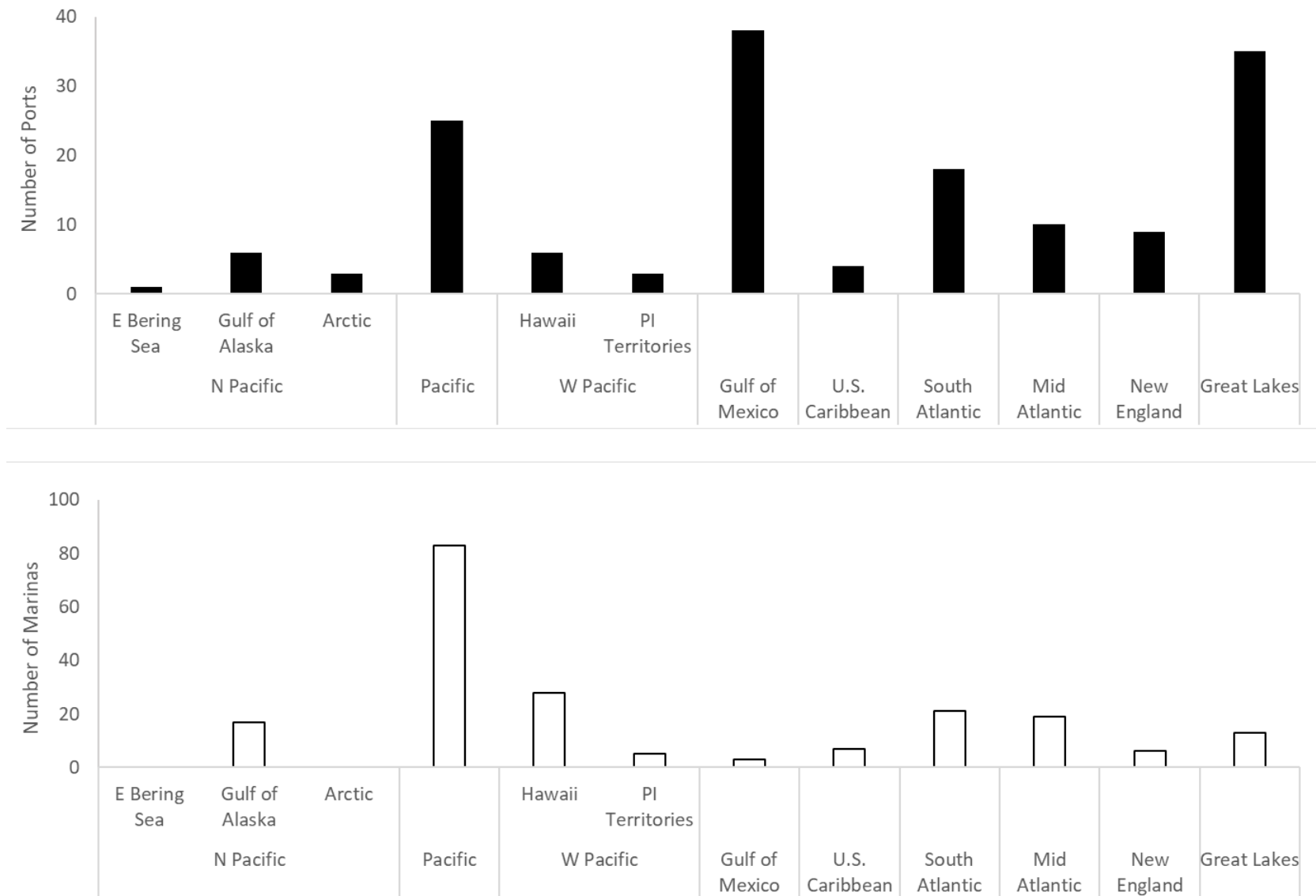


Fig. S8 Number of major ports (top panel) and marinas (bottom panel) for U.S. marine regions, including the Great Lakes.

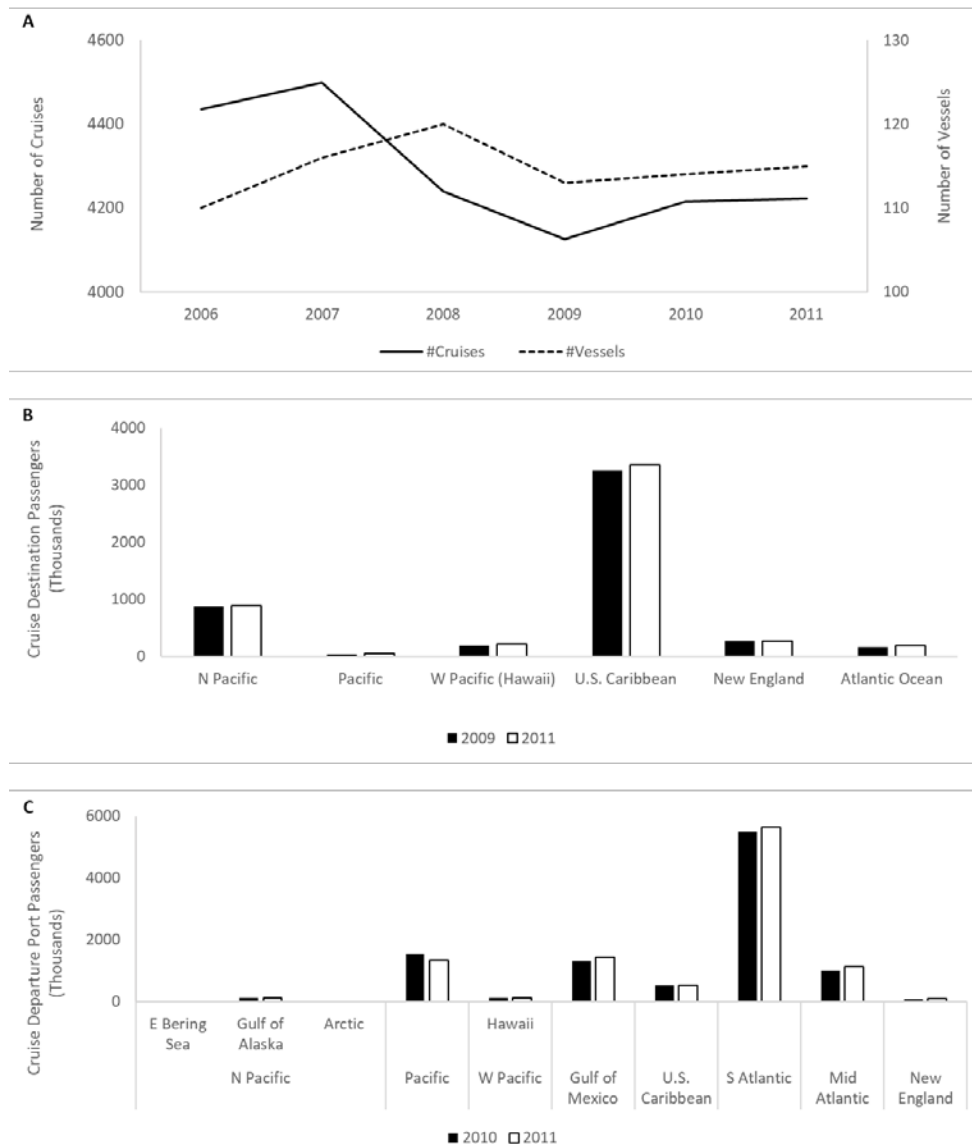


Fig. S9 (a) Total number of U.S. cruises and vessels from 2006-2011. (b) Number of cruise destination passengers per U.S. marine region (years 2009 and 2011). (c) Number of cruise departure port passengers per U.S. marine region (years 2010 and 2011).

1. Human Environments of Regional U.S. Fisheries Ecosystems

Other Ocean Use Context (Supplemental Text)

Additionally, 13 oil and gas wells have operated in Lake Michigan (Figure S10; Cain and Pearce 2001). Minimal offshore drilling occurs in the North Pacific, and efforts are banned in the Arctic. Overall, there appears to be a positive relationship between the number of EIS actions (see Figure S17) and average abundance of oil rigs in a given region.

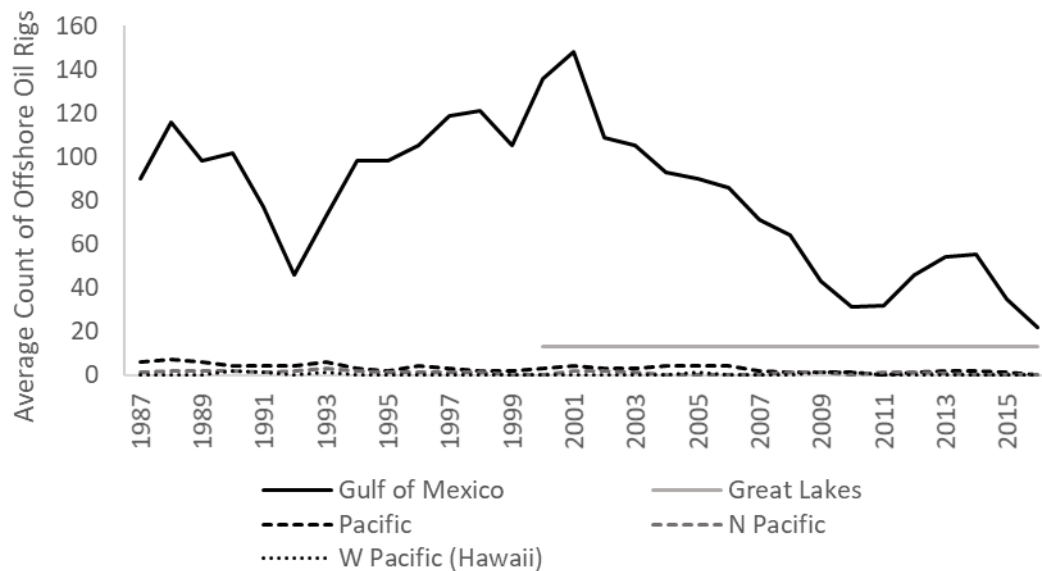


Fig. S10 Average count of offshore oil rigs per U.S. marine region, including the Great Lakes. No oil rigs are found off the U.S. Atlantic coast. Data derived from Baker Hughes Rotary Rig Counts.

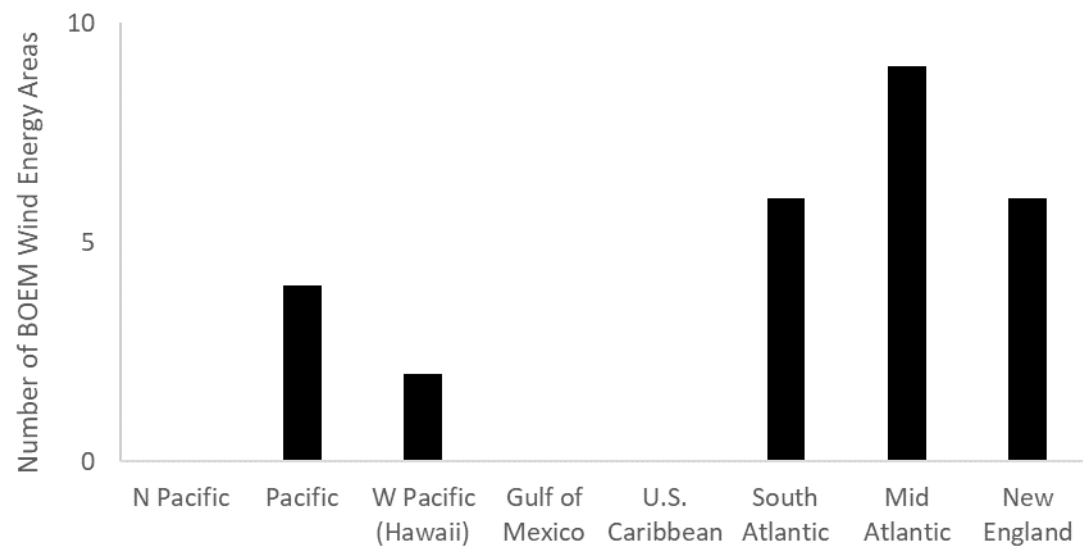


Fig. S11 Number of Bureau of Ocean Energy Management (BOEM) offshore wind energy areas per U.S. marine region as of 2017.

3. Governance Systems of Regional U.S. Fisheries Ecosystems

Management Context (Supplemental Text)

U.S. Caribbean and Pacific Islands territories, while represented by non-voting members of the House of Representatives, are highest in the number of state or territorial jurisdictions per mile of coastline. Given overall higher commercial values for fisheries or lower overall Congressional representation, the lowest ratios were observed in the North Pacific, New England, Gulf of Mexico regions, and the Hawaii subregion of the Western Pacific where Congressional representation (i.e., two U.S. Senators and two members of the U.S. House of Representatives) is the most pronounced for the region.

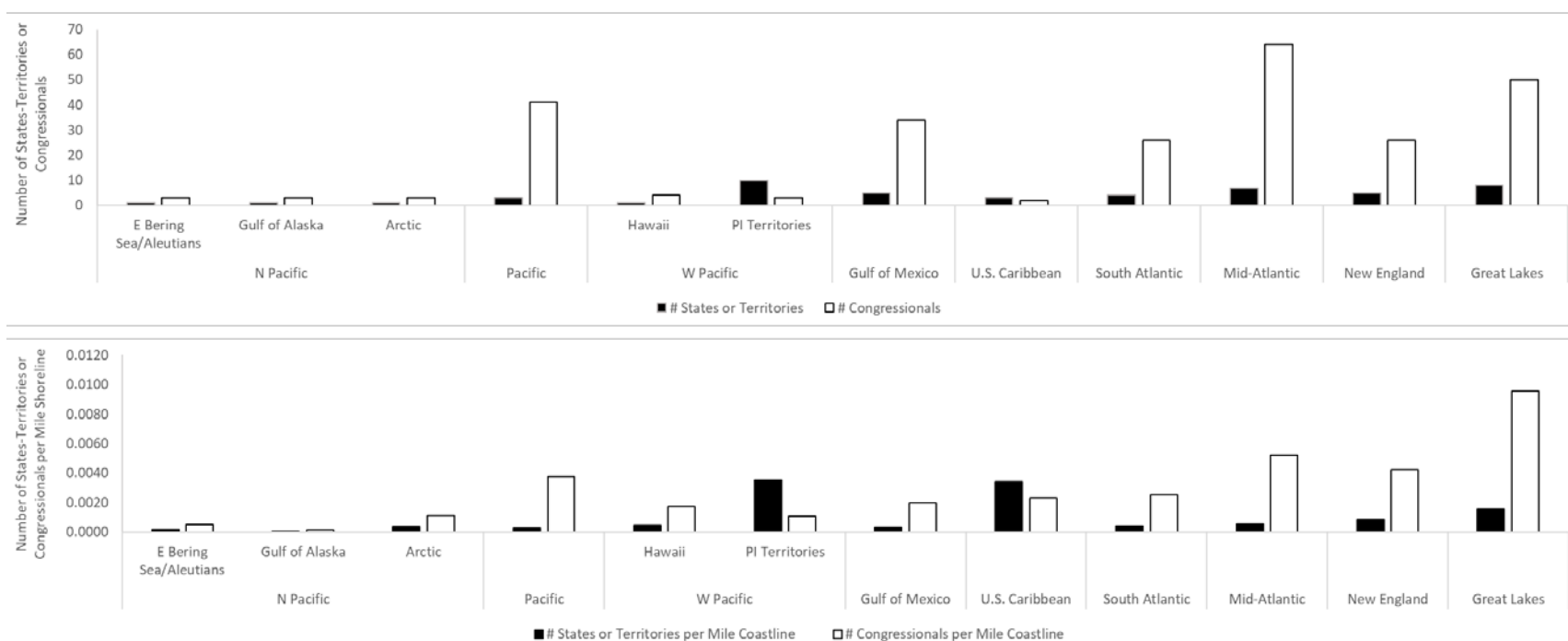


Fig. S12a Number of states, territories and U.S. Congressional representatives (top panel) and as standardized by miles of shoreline (bottom panel) per U.S. marine region, including the Great Lakes.

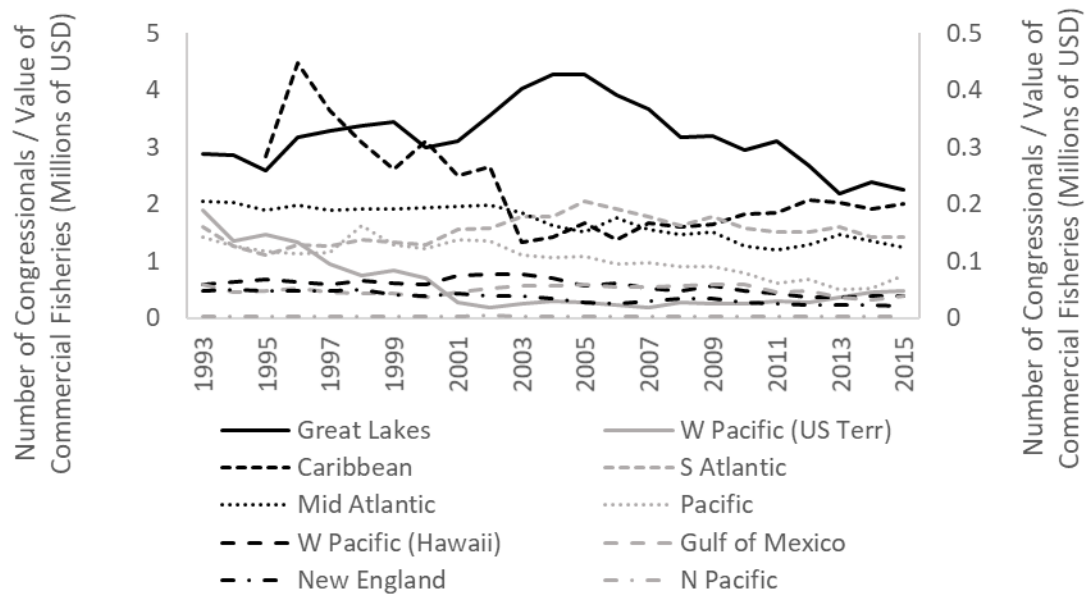


Fig. S12b Number of U.S. Congressional representatives per U.S. marine region, including the Great Lakes, from 1993-2016 as compared to the total value (in millions of USD) of its fisheries landings. Data derived from U.S. Census database. Great Lakes and Western Pacific (U.S. Territories) data are plotted on the primary axis, and all others are plotted on the secondary (right) axis.

3. Governance Systems of Regional U.S. Fisheries Ecosystems

Management Context (Supplemental Text)

The emergence of members from recreational and other sectors serving on Fishery Management Councils (FMCs) in recent years is clear in the North Pacific region (Figure S13a), and conversely commercial membership has become more strongly pronounced since the mid-2000s in the Pacific FMC. Highest council membership occurs within the Gulf of Mexico, South Atlantic, and New England regions, with lowest numbers observed for the U.S. Caribbean FMC. Little differentiation in membership has been observed for the Atlantic Highly Migratory Species Advisory Panel since the mid-2000s, where membership from the recreational sector is proportionally highest.

Greater governmental and private institutional representation is observed on the Pacific Scientific Review Group (SRG; Pacific, W Pacific regions), while there is higher academic representation in the Alaskan (North Pacific region) and Atlantic (Gulf of Mexico, U.S. Caribbean, and Atlantic regions) SRGs (Figure S13b). In recent years, tribal representation has not been as prominent for the Alaskan SRG. However, a representative from the North Slope Borough government was a member of the Alaska SRG from 2007-2016.

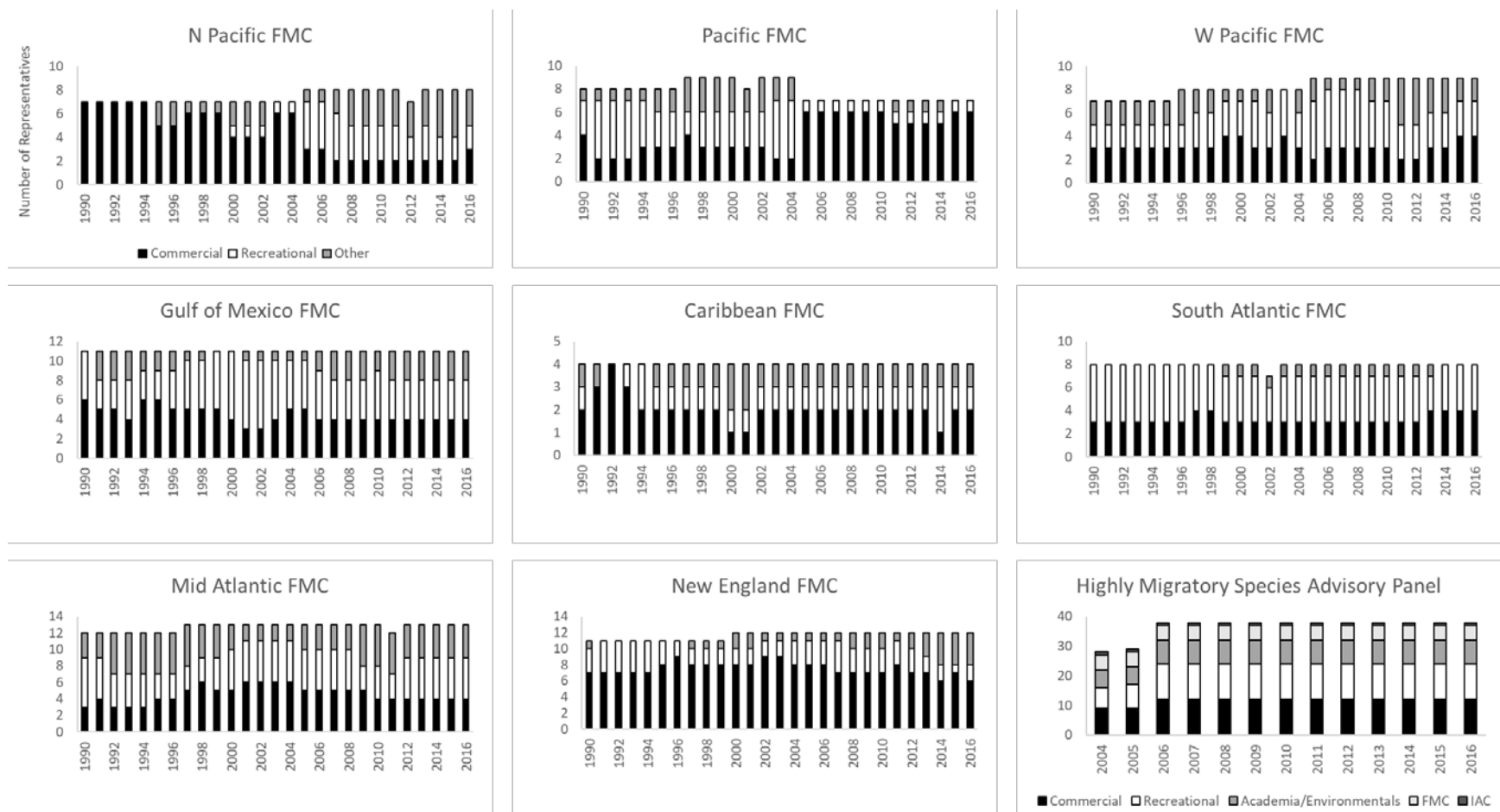


Fig. S13a Composition of U.S. marine regional Fishery Management Councils (FMC) and the Atlantic Highly Migratory Species Advisory Panel over time, where IAC indicates a representative from the International Commission for the Conservation of Atlantic Tunas Advisory Committee. Data derived from NOAA National Marine Fisheries Service Council Reports to Congress.

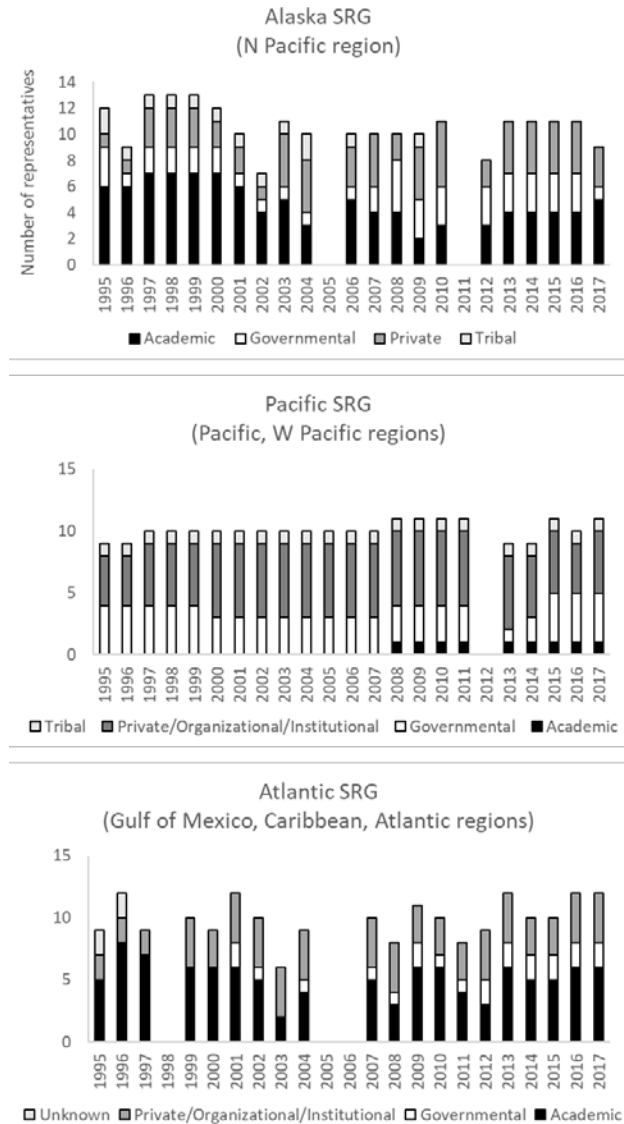


Fig. S13b Composition of U.S. regional marine mammal Scientific Review Groups (SRG) over time. Data derived from NOAA Fisheries SRG reports.

3. Governance Systems of Regional U.S. Fisheries Ecosystems

Fishery and Systematic (Supplemental Text)

FMPs for important species complexes including EBS and Gulf of Alaska groundfish stocks, Gulf of Mexico and South Atlantic reef fishes, Gulf and South Atlantic coastal pelagic resources, and the Northeast multispecies groundfish complex are among the most amended plans (Figure S14; Table S5). Low numbers of amendments to FEPs have been observed, however a third amendment to the South Atlantic regional FEP is currently in progress.

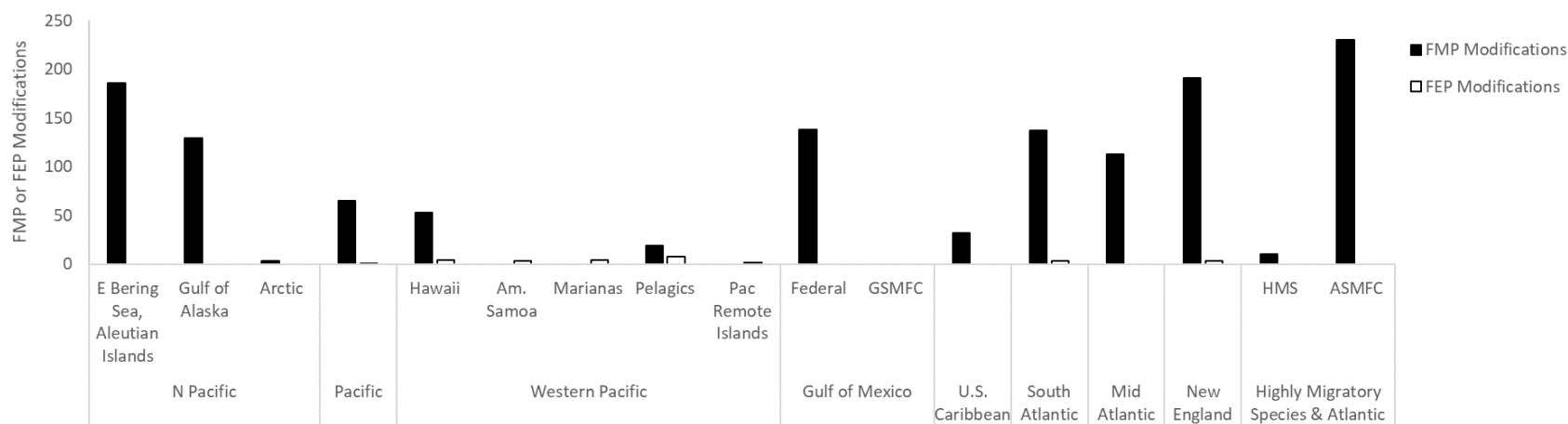


Fig. S14 Number of modifications (amendments, frameworks, motions, specifications, and addendums) to Fishery Management Plans (FMPs) and Fishery Ecosystem Plans (FEPs) per U.S. marine region, including federal and state (Gulf States Marine Fisheries Commission – GSMFC; Atlantic States Marine Fisheries Commission - ASMFC) jurisdictions. Western Pacific region divided by Fishery Ecosystem Plan geographies.

3. Governance Systems of Regional U.S. Fisheries Ecosystems

Organizational (Supplemental Text)

Allocated budgets for the U.S. Caribbean, Western Pacific, and South Atlantic Fishery Management Councils (FMCs) are the smallest, with all councils having a similar amount of base funds to maintain nationally consistent operational requirements. These three councils are comprised of smaller memberships and lower numbers of FMC staff. As currently reported and estimated by NOAA, the U.S. Caribbean, Western Pacific, and South Atlantic regions have lower valued fisheries (see Figure 16). However, these regions also contain significant portions of U.S. EEZ and high number of managed taxa.

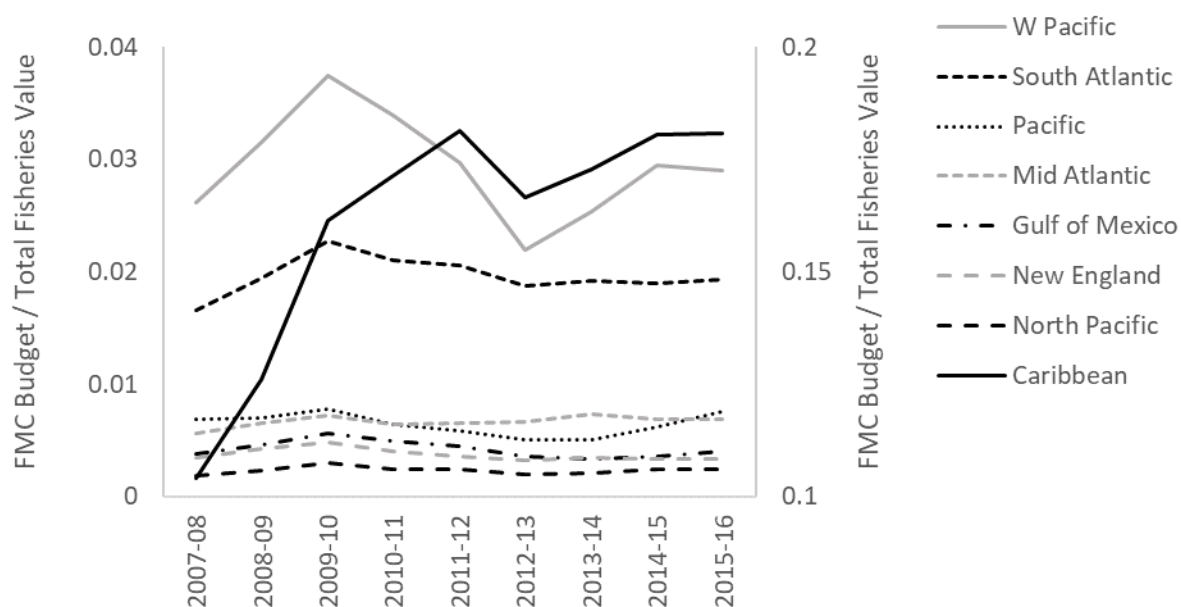


Fig. S15 Total annual budget of each regional Fishery Management Council (FMC) as compared to the total value of its marine fisheries. All values in USD. Data from NOAA National Marine Fisheries Service Office of Sustainable Fisheries and NOAA National Marine Fisheries commercial landings database. Values for the Caribbean Fishery Management Council are plotted on the secondary (right) axis.

3. Governance Systems of Regional U.S. Fisheries Ecosystems

Organizational (Supplemental Text)

NEPA EIS actions in the U.S. Caribbean, South Atlantic, Mid-Atlantic, and New England regions occur at lower numbers, approximately half those in the Pacific and Gulf of Mexico regions (Figure S16).

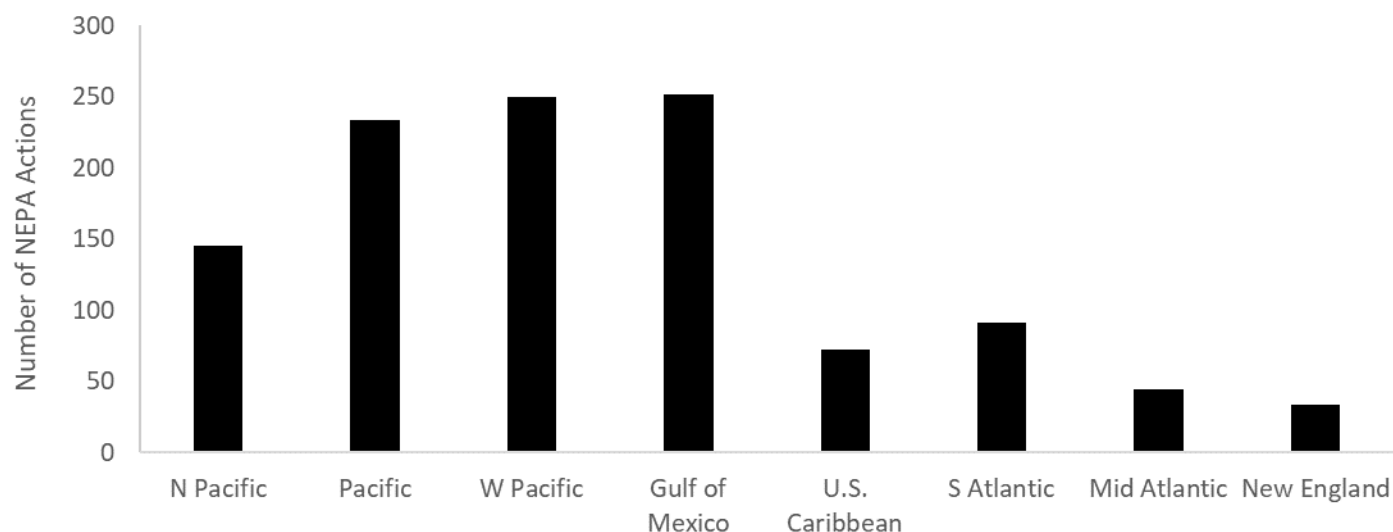


Fig. S16 Number of National Environmental Policy Act Environmental Impact Statement (NEPA-EIS) actions from 1987-2016 per U.S. marine region. Data derived from U.S. Environmental Protection Agency EIS database.

4. Status of Living Marine Resources in U.S. Regional Fisheries Ecosystems

Targeted Resources (Supplemental Text)

Notable fluctuations in commercial landings (Figure S17a) were observed in the Pacific region prior to the 1980s, especially as related to the dynamics of its commercially important Pacific Sardine (*Sardinops sagax caerulea*) and Northern Anchovy (*Engraulis mordax*) populations, and the basin-wide decadal climate oscillation indices, with values averaging 498 thousand metric tons since reaching a low in 1984. Decreases in more recent years have also been observed, with 339 thousand metrics tons reported in 2015.

There is no clear distinction between commercial and recreational fisheries in the Pacific Islands territories (Figure S17a), while methods to estimate recreational landings reporting are not standardized among states in the Great Lakes region. Additionally, limited survey coverage and reporting of recreational fishing information throughout regions has resulted in incomplete data regarding trends. While comparatively low to other regional values, decreases in commercial landings for the Great Lakes, South Atlantic, and in U.S. Caribbean commercial and recreational landings have been observed over time (Figure S18b), with increasing apparent proportional importance for recreational fisheries in the South Atlantic and U.S. Caribbean (ranging to 46%; these data are mostly reported from Puerto Rico as limited to no reporting of recreational landings occurs in the U.S. Virgin Islands) over the past decade. Although recreational fisheries for reef fishes and many other target species are of great importance in the Gulf of Mexico (Coleman et al. 2004), cumulatively recreational fisheries for the region have remained steady albeit modest, contributing 7% of total reported landings. Concurrently, commercial landings for the region averaged 752.7 thousand metric tons after peaking in 1984. Overall, steady trends in total landings since the 1990s have been observed in those regions with proportionally higher contributions to total U.S. landings.

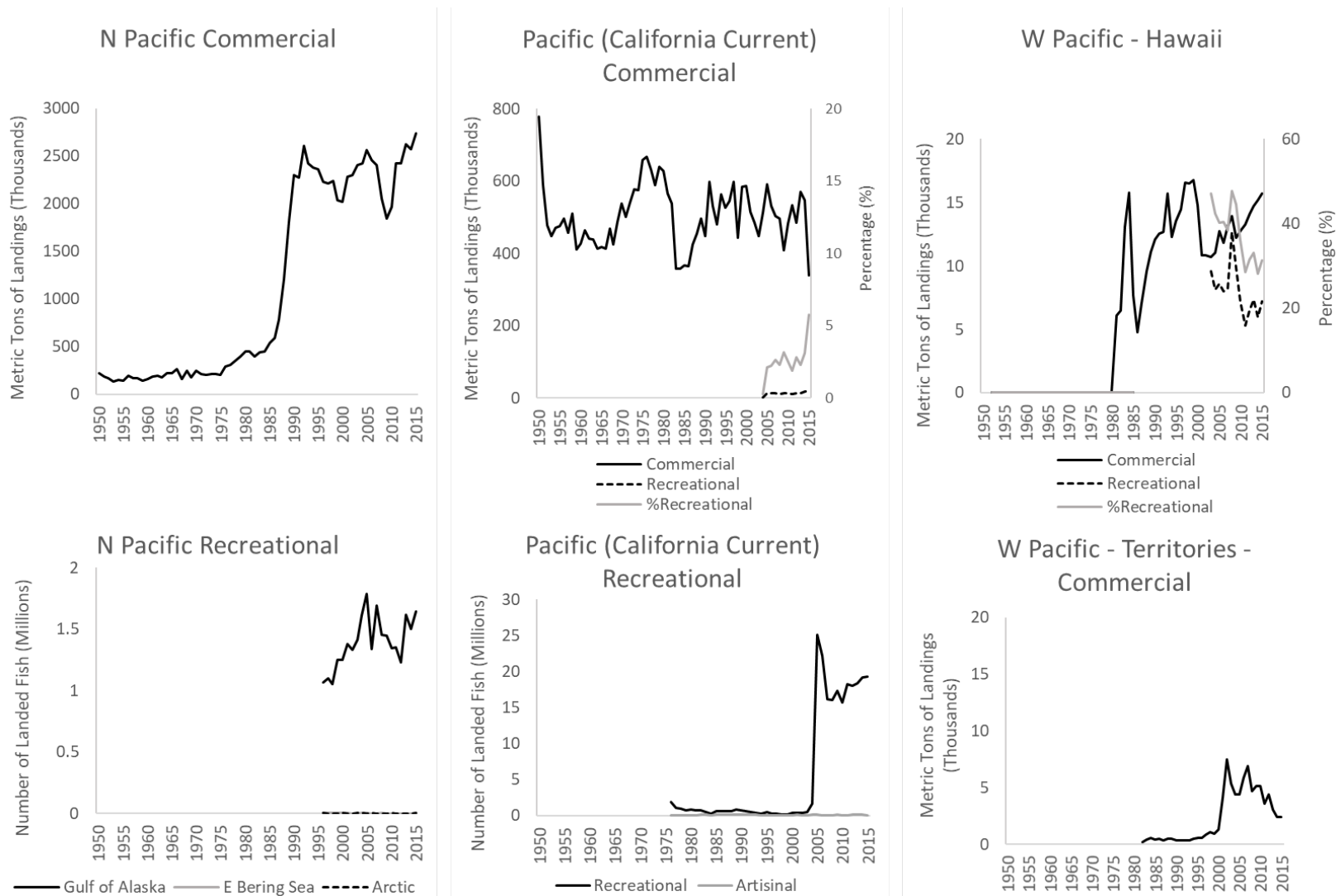


Fig. S17a Total commercial and recreational landings and percent contribution of recreational landings over time (1950-2015) for Pacific marine U.S. regions. Data derived from NOAA National Marine Fisheries Service commercial and recreational statistics, Alaska Department of Fish and Game recreational statistics, Pacific Fishery Management Council recreational statistics, and Pacific States Marine Fisheries Commission recreational statistics.

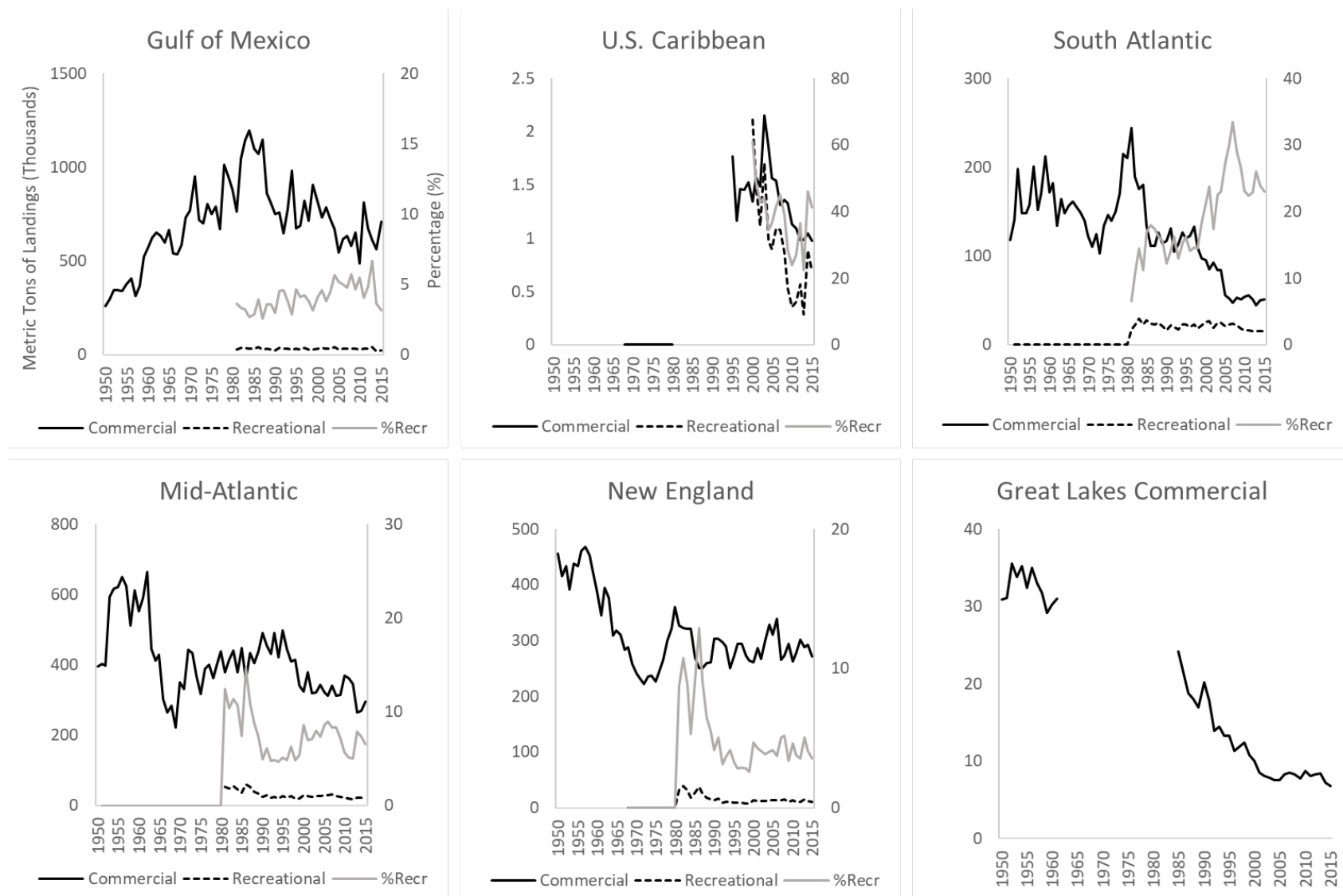


Fig. S17b Total commercial and recreational landings and percent contribution of recreational landings (%Recr) over time (1950-2015) for Gulf of Mexico, U.S. Caribbean, and Atlantic marine U.S. regions, including the Great Lakes. Data derived from NOAA National Marine Fisheries Service commercial and recreational fisheries statistics.

4. Status of Living Marine Resources in U.S. Regional Fisheries Ecosystems

Non-targeted Resources (Supplemental Text)

Bycatch for invertebrates and bony fishes is highest in the Gulf of Mexico region and EBS-Aleutian Islands subregion (Figure S18), with higher numbers of bycaught invertebrates occurring in the Pacific and substantial numbers reported 2012 for the South Atlantic. Shark and marine mammal bycatch is highest in the Mid-Atlantic, New England, and Pacific at comparable values to weighted invertebrate bycatch for those regions. Additionally, seabird bycatch is most pronounced in the North Pacific. Sea turtles have been most vulnerable in the Gulf of Mexico, South Atlantic, and mid-Atlantic, with increasing occurrences in the Gulf and Atlantic HMS fishery during recent years. Substantial decreases in sea turtle bycatch have occurred in the Gulf of Mexico over time (Finkbeiner et al. 2011), as related to regulations that require Turtle Excluder Devices (TEDs) to be installed on trawling nets. While relatively low bycatch values are reported for the Western Pacific, seabird bycatch is third highest for this region at up to 616 individuals per year in Hawaii.

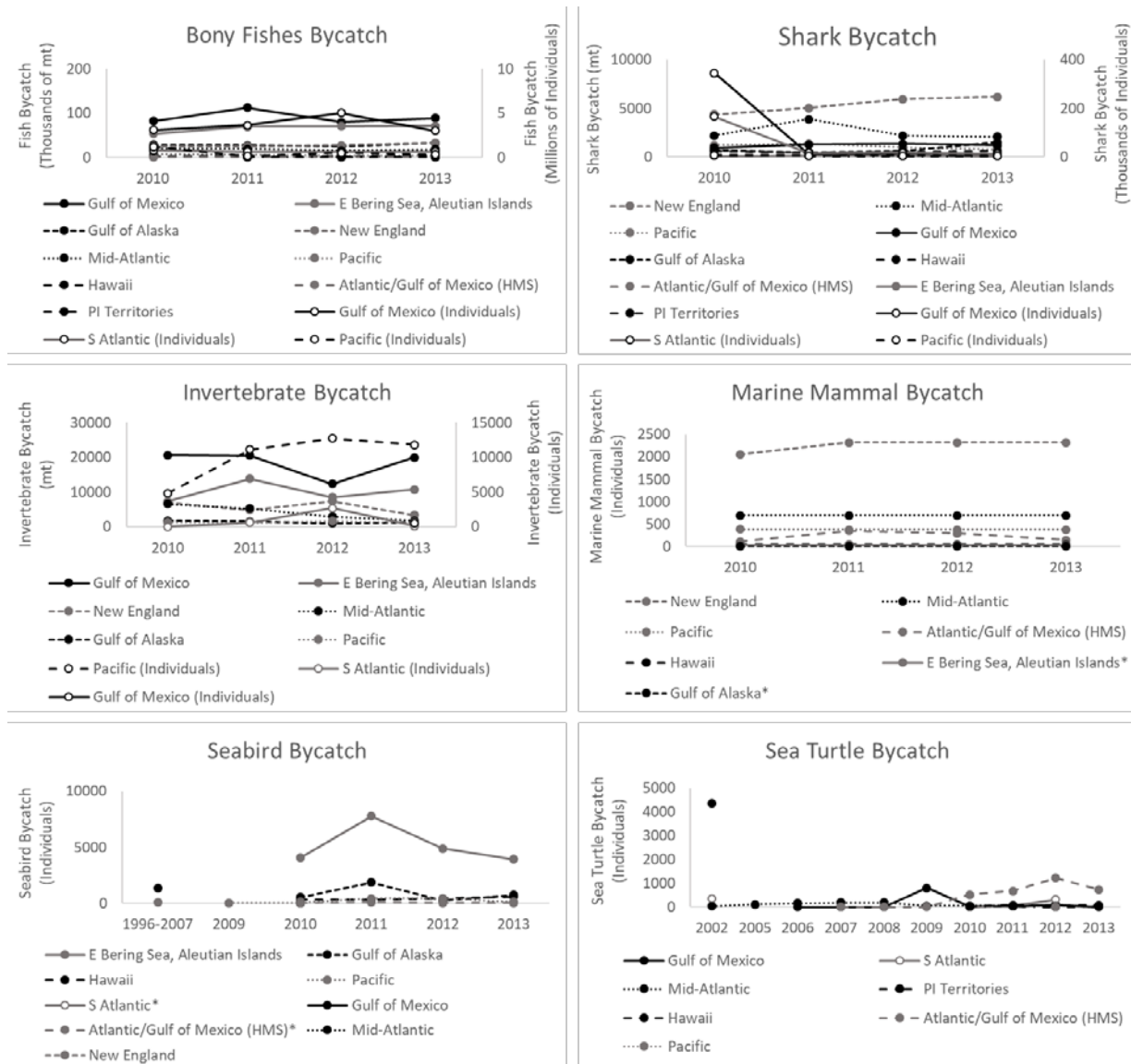


Fig. S18 Total bycatch of species groups in metric tons (mt) and number of individuals per U.S. marine region over time (including Atlantic Highly Migratory Species – HMS). Data derived from NOAA National Marine Fisheries Service U.S. National Bycatch Report Database System.

4. Status of Living Marine Resources in U.S. Regional Fisheries Ecosystems

System Exploitation (Supplemental Text)

Additional increases in the number of captured taxa over time have been observed in the Pacific and New England regions, but at lower magnitudes than for the Mid-Atlantic, South Atlantic, and Gulf of Mexico regions. Lower numbers of captured taxa are observed in the North Pacific, Western Pacific, U.S. Caribbean, and Great Lakes. However, an increase in the number of reported Western Pacific taxa was observed in the 2000s, as reported landings became more species-specific for the region, especially for reef fishes.

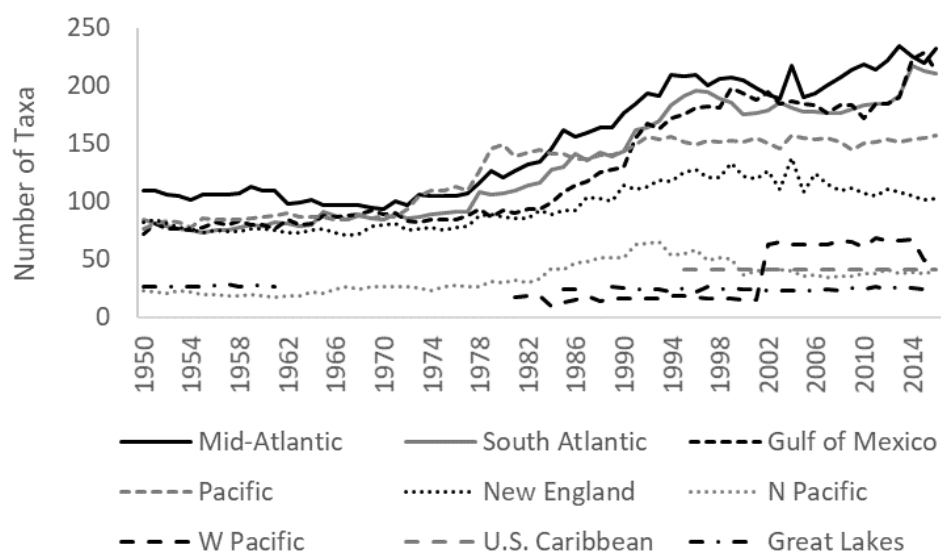


Fig. S19 Number of taxa reported captured by commercial and recreational fisheries per U.S. marine region, including the Great Lakes, over time. Data derived from NOAA National Marine Fisheries Service commercial and recreational fisheries statistics.

4. *Status of Living Marine Resources in U.S. Regional Fisheries Ecosystems*

System Exploitation (Supplemental Text)

Total biomass values for the Hawaii subregion averaged 186.7 million metric tons from 2010-2015 (Figure S20). In the North Pacific, values are similarly high, ranging from 19.8 to 53.2 million metric tons over time, with increases observed in more recent years. Lower but nearly equivalent values for the Mid-Atlantic/New England and Pacific regions have persisted throughout most survey years, ranging from 5.4 to 15.4 million metric tons, while lowest total biomass values are observed in the Gulf of Mexico ranging from 4.7 to 8.7 million metric tons. While not entirely reflective of trends in total biomass, trends in Great Lakes prey fishes have fluctuated over time about a median value of 1.5 million metric tons. Additionally, nearshore biomass in the South Atlantic region has remained relatively constant averaging 148.8 metric tons over time, with increases observed in later years peaking at 249.1 metric tons.

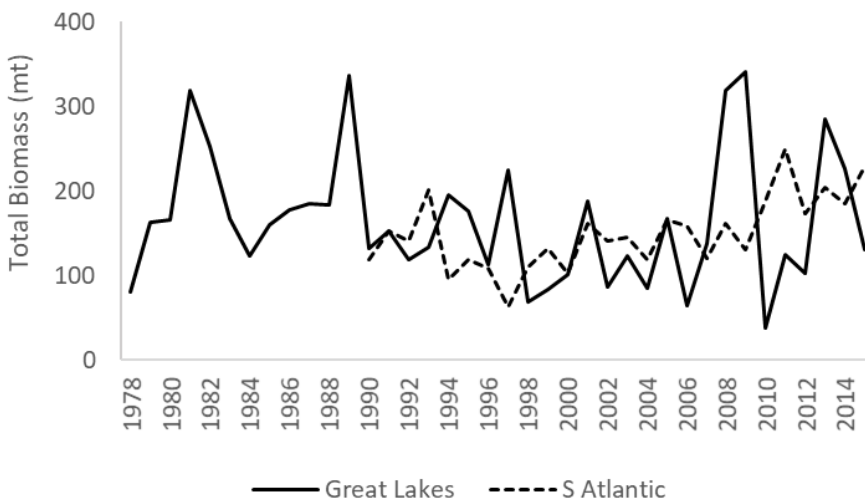
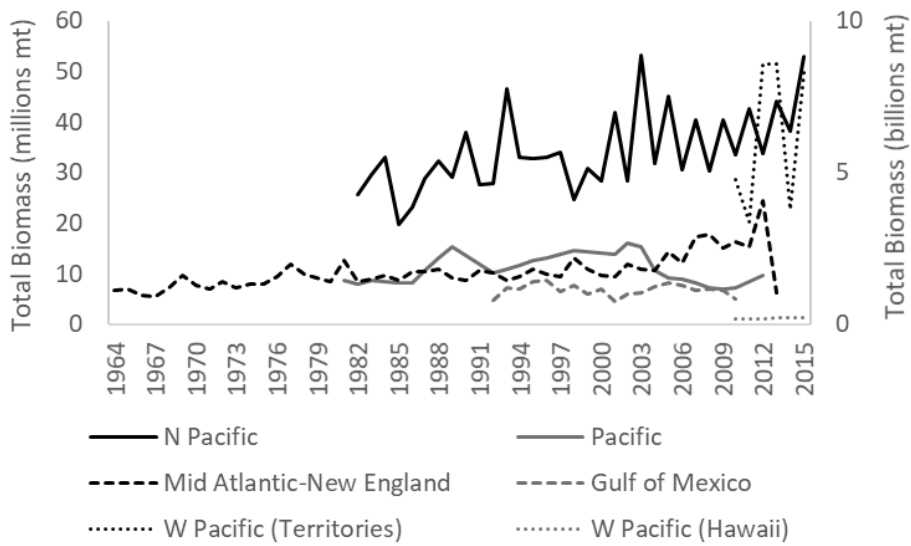


Fig. S20 Total biomass (metric tons; mt) per U.S. marine region (top panel), and total prey fish biomass for the Great Lakes and total nearshore biomass (metric tons) in the South Atlantic regions, over time (bottom panel).

5. *Status of Marine Socioeconomics in U.S. Fisheries Ecosystems*

Social and Economic (Supplemental Text)

Increases in the number of permitted vessels have been observed over time in the Pacific and South Atlantic region, and for Atlantic HMS fisheries (Figure S21). Additionally since 2008, much lower numbers of permitted vessels have been reported for the Western Pacific than in previous years. Overall, there are currently 1.4 million total permitted vessels reported to be operating in the United States.

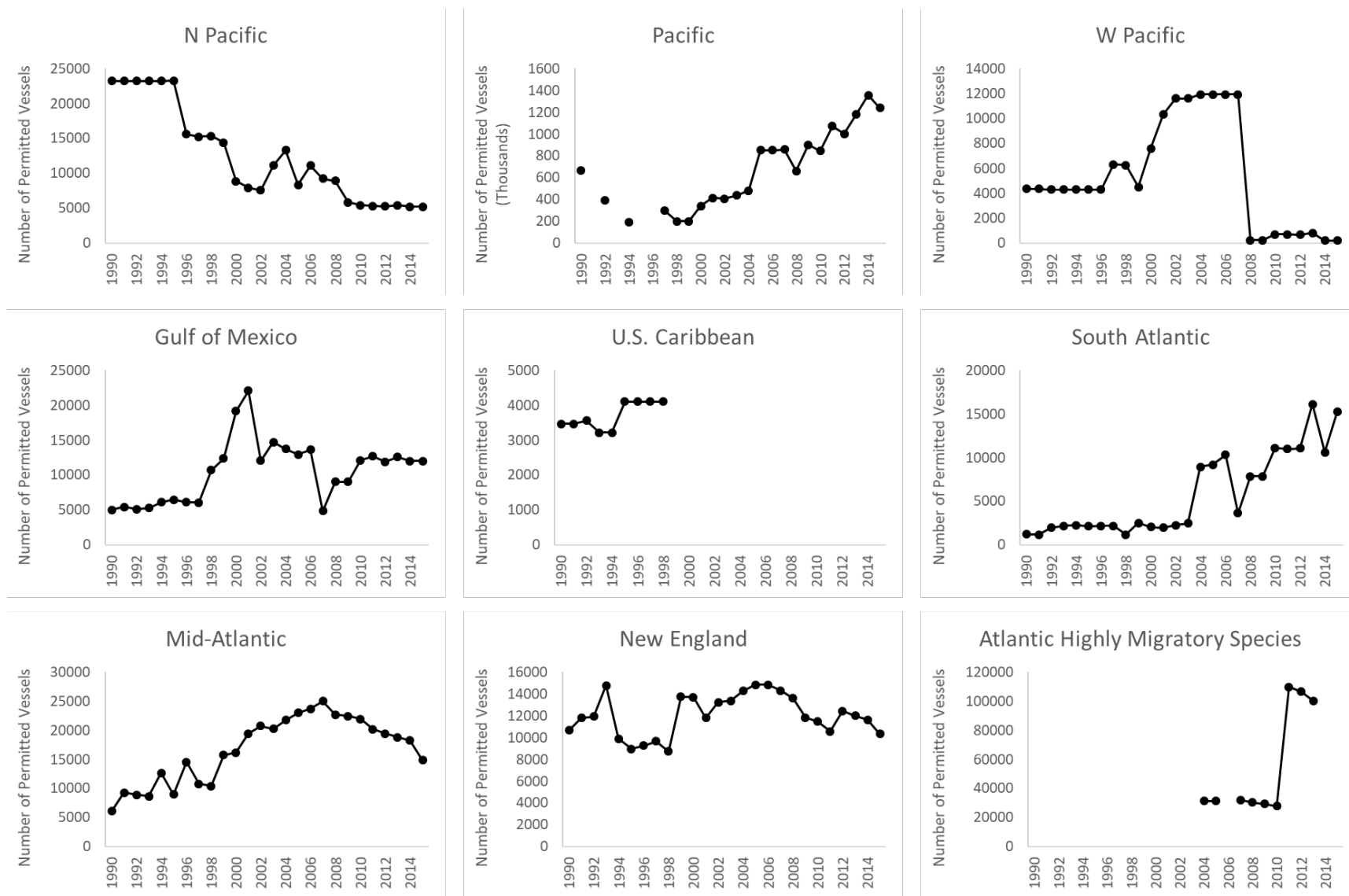


Fig. S21 Total number of permitted vessels per U.S. marine region over time (years 1990-2015). Data derived from NOAA National Marine Fisheries Service Council Reports to Congress.

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