

OREGON DEPARTMENT OF FISH AND WILDLIFE REPORT ON DATA AVAILABILITY
TO INFORM GROUND FISH STOCK ASSESSMENTS

Staff from the Oregon Department of Fish and Wildlife (ODFW) met after the April Pacific Fishery Management Council (Council) meeting to discuss, and provide information based on, [Agenda Item G.4.a, Supplemental Council Member Report 1, April 2024](#). The attached table provides an inventory of the data that ODFW has on groundfish species that has been used and/or could be used to inform groundfish stock assessments. While this table may not be the format that was envisioned in the Council Member Report, ODFW staff see it as a starting place and are willing to continue to assist in this endeavor. As in the last several cycles, Alison Whitman (alison.d.whitman@odfw.oregon.gov) is the ODFW contact for data for Federal stock assessments.

Beyond the multi-year data sources listed in the table below, ODFW regularly conducts research to address known data gaps for groundfish species. Research subject areas include maturity, growth, and movement studies on nearshore species, visual survey tools to further fishery independent sampling, and age validation. Examples include a comparison of aging methods for cabezon ([Rasmuson et al 2019](#)), aggregation of many years of video lander surveys ([Rasmuson et al 2020](#)) and growth and age at maturity of kelp greenling ([Rodomsky et al 2015](#)). Many of these studies are published and available on the Marine Resources Program [publications website](#).

Data Source/Program	Years	Area/ Location	Sport, Comm., or Research	Fishery Dependent or Independent	Effort Data	CPUE or density available	Lengths/ Weights	Age structures	Key Species	Publicly available source ^{a/}	Example of use in stock assessment
Ocean Recreational Boater Survey (ORBS)	2001-present	Coastwide	Sport	D	Y	Y	Y	Y	black, blue/deacon, China, copper, quillback, canary, yelloweye, yellowtail, widow rockfish; cabezon; lingcod, flatfish	RecFIN	Catch; index of abundance
Shore and Estuary Boat Survey (SEBS)	2003 - 2005	Coastwide	Sport	D	N	N	Y	N	black, blue/deacon, China, copper, quillback rockfish; kelp greenling, cabezon, lingcod	RecFIN	Catch
Marine Recreational Fisheries Statistical Survey (MRFSS)	1980 - 2003	Coastwide	Sport	D	Y	Y	Y	N	black, blue/deacon, China, copper, quillback, canary, yelloweye, yellowtail, widow rockfish; cabezon; lingcod, flatfish	RecFIN	Catch; index of abundance; compositional data
Commercial sampling, including commercial logbooks	1960s - present	Coastwide	Commercial	D	Y	Y	Y	Y	Bottomfish, salmon, flatfish, tuna	PacFIN; By request	Catch; index of abundance; compositional data
Historical commercial catch reconstruction (Karnowski et al. 2013)	1896 - 1984	Coastwide	Commercial	D	N	N	N	N	Bottomfish, flatfish	PacFIN	Catch
Historical recreational catch reconstruction (Whitman In Prep)	1979 - 2000	Coastwide	Sport	D	N	N	N	N	black, blue/deacon, China, copper, quillback, canary, yelloweye, yellowtail, widow rockfish;	RecFIN	Catch

Data Source/Program	Years	Area/ Location	Sport, Comm., or Research	Fishery Dependent or Independent	Effort Data	CPUE or density available	Lengths/ Weights	Age structures	Key Species	Publicly available source ^{a/}	Example of use in stock assessment
									cabezon; lingcod, flatfish		
Marine Reserves Hook and Line Survey	2011 - present	Reserves except Newport	Research	I	Y	Y	Y	N	black, blue/deacon, China, copper, quillback, canary, yelloweye, yellowtail, widow rockfish; cabezon; lingcod, flatfish	By Request	Index of abundance
Marine Reserves Longline Survey	2015 - present	Redfish Rocks MR	Research	I	Y	Y	Y	N	black, blue/deacon, China, copper, quillback, canary, yelloweye, yellowtail, widow rockfish; cabezon; lingcod, flatfish	By Request	Index of abundance
ODFW video lander	2010 - 2019?	Coastwide	Research	I	N	Y	N	N	Bottomfish	By Request	Population estimate
ODFW ROV	Varies	Coastwide	Research	I	N	Y	Y?	N	Bottomfish	By Request	Population estimate; index of abundance
ODFW hydroacoustic	2021	Coastwide	Research	I	Y	Y			Bottomfish	By Request	Population estimate
SEBS test project	2015 - 2017?	Central OR Coast	Sport	D	?	Y	Y	N	black, blue/deacon, China, copper, quillback rockfish; kelp greenling, cabezon, lingcod	By Request	Catch
Black rockfish PIT Tagging	1999 - 2013	Central OR Coast	Sport/ Research	D	N	N	Y	B	Black rockfish	By Request	Index of abundance; natural

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											mortality estimate
Economic Data Collection Project	1995 - 1999	Coastwide	Commercial	D	Y	Y	?	N	Bottomfish, halibut, salmon	By Request	Discard rates
Ocean Recreational Fisheries Survey (ORFS) Ages	1999 - present	Coastwide	Sport	D	N	N	Y	Y	black, blue/deacon, China, copper, quillback, canary, yelloweye rockfish; cabezon; lingcod; kelp greenling; flatfish	RecFIN	Compositional data
Ocean Recreational Fisheries Survey (ORFS) At-Sea Trips	2001 - present	Coastwide	Sport	D	Y	N	Y	N	black, blue/deacon, China, copper, quillback, canary, yelloweye rockfish; cabezon; lingcod; kelp greenling; flatfish	RecFIN	Index of abundance; discard rates; compositional data

a/ Even if publicly available, some of the information, such as logbook data, may be confidential.