

Exploring the Economics of the West Coast Groundfish Trawl Catch Share Program

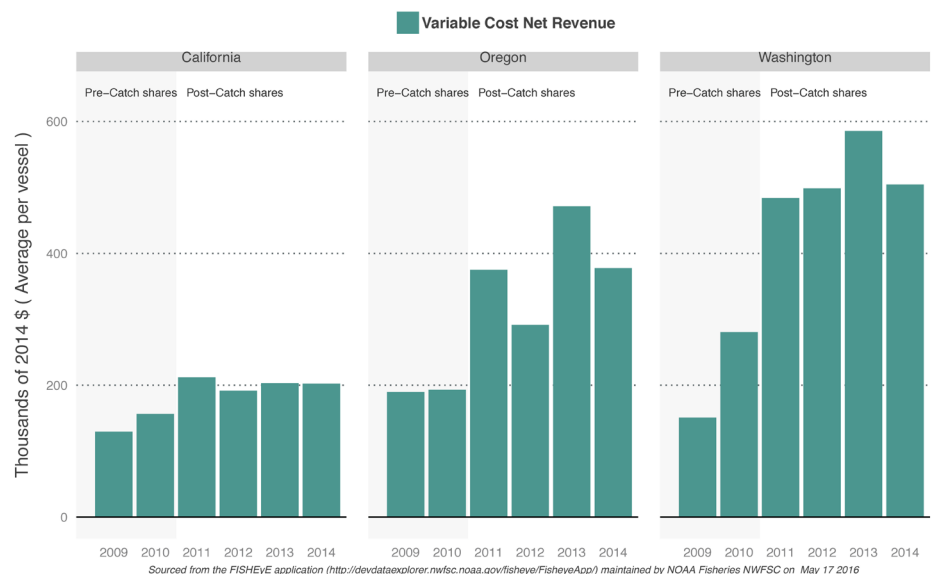
Scientists with the NWFSC's Economic Data Collection Program developed an interactive tool called FISHEyE (FISHeries Economics Explorer) for exploring, analyzing, and downloading data related to the West Coast Groundfish Trawl Catch Share Program.

FISHEyE is actively growing. FISHEyE currently allows for the comparison of revenue, costs, and net revenue of catcher vessels. Data for the other sectors that participate in the catch share program, including catcher-processors, motherships, and first receivers and shorebased processors, will be added soon. Additional metrics to assess the outcomes of the catch share program are also under development.

The data used in FISHEyE comes from the annual Economic Data Collection from participants in the West Coast Groundfish Trawl Fishery.

Summary Economic Measures for West Coast Catcher Vessels

Group variable: State Statistic: Average per vessel Fished in AK included: TRUE Fished for whiting included: TRUE Summed across: All Fisheries



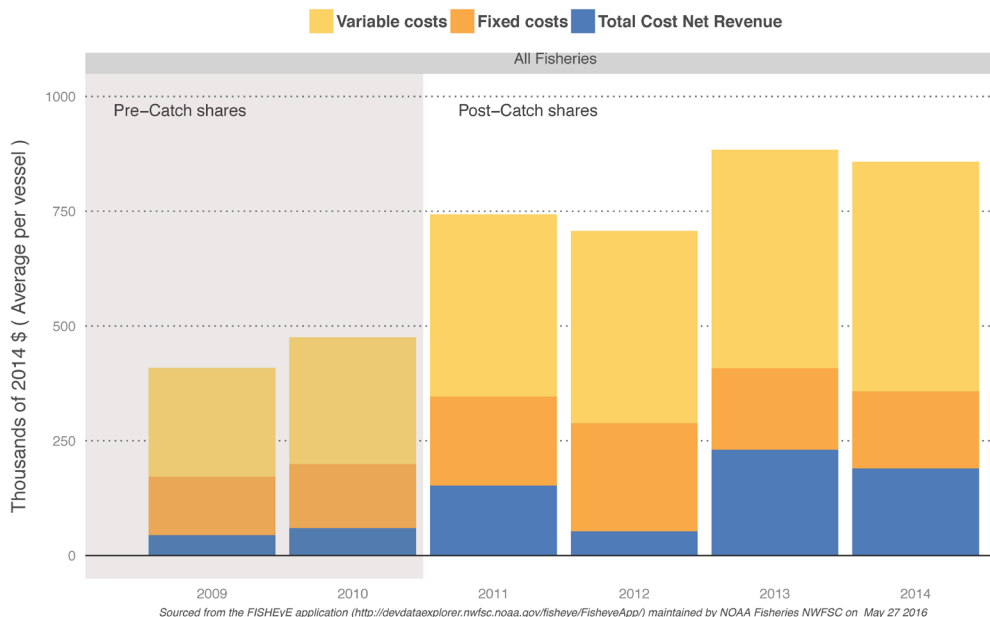
An example of the charts you can make in FISHEyE: Vessel net revenue (average) by state.

Explore FISHEyE online

Find the tool at <https://dataexplorer.northwestscience.fisheries.noaa.gov/fisheye/>

Composition of Total Cost Net Revenue for West Coast Catcher Vessels

Group variable: Fisheries Statistic: Average per vessel Fished in AK included: TRUE Fished for whiting included: TRUE
Total Cost Net Revenue = Revenue - Variable costs - Fixed costs



Composition of total cost net revenue; an example of the charts you can make in FISHEyE.

FISHEyE allows users to explore the data and focus on topics that are interesting to them, including different economics measures, variability, and choices of fishing activities, ports, and types of vessels.

Explore FISHEyE online

Find the tool at <https://dataexplorer.northwestscience.fisheries.noaa.gov/fisheye/>

For more information

NWFSC Economic Data Program

<https://www.nwfsc.noaa.gov/research/divisions/ram/economic/overview.cfm>

Email: nwfsc.fisheye@noaa.gov

Year	Summary variable	Summary Variable category	Fisheries Cat	Statistic	Economic M	Fished in Al	Fished for whiting	Number of vessels	Value	Variance (MAD, SD)
2009	California	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		38	129471.0789	157047.7512
2010	California	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		37	156497.5676	106619.8088
2011	California	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		36	212060	164684.6873
2012	California	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		37	191717.4054	177502.2103
2013	California	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		36	203164.7778	201870.5023
2014	California	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		32	202372.625	166545.8948
2009	Oregon	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		74	189788.0946	126241.339
2010	Oregon	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		73	193236.3151	185729.7673
2011	Oregon	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		78	375083.9615	313144.1854
2012	Oregon	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		75	291427.1067	256949.4493
2013	Oregon	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		71	471448.6901	358046.3491
2014	Oregon	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		71	377507.7746	290732.0853
2009	Washington	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		17	150854.7647	115678.0415
2010	Washington	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		18	280514.2778	436217.8512
2011	Washington	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		18	483969.9444	391305.7122
2012	Washington	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		16	498512	275938.6753
2013	Washington	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		17	585502.6471	319619.3071
2014	Washington	State	All Fisheries	Average per vessel	Variable Cost Vessels incl	Vessels included		19	504385.6842	442964.8097

FISHEyE provides easy, customizable data downloads.

Learn more about the Center

Sharing our work with other scientists, with policymakers, and with the public is important to us. To learn more about what we do, please visit our:

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