

Board of Forestry- Riparian Workshop



The Economics of Sportfishing; Healthy Salmon Runs = Vibrant Rural Economies

Expenditures for recreational fishing on North Coast in 2008

Freshwater = \$18 million

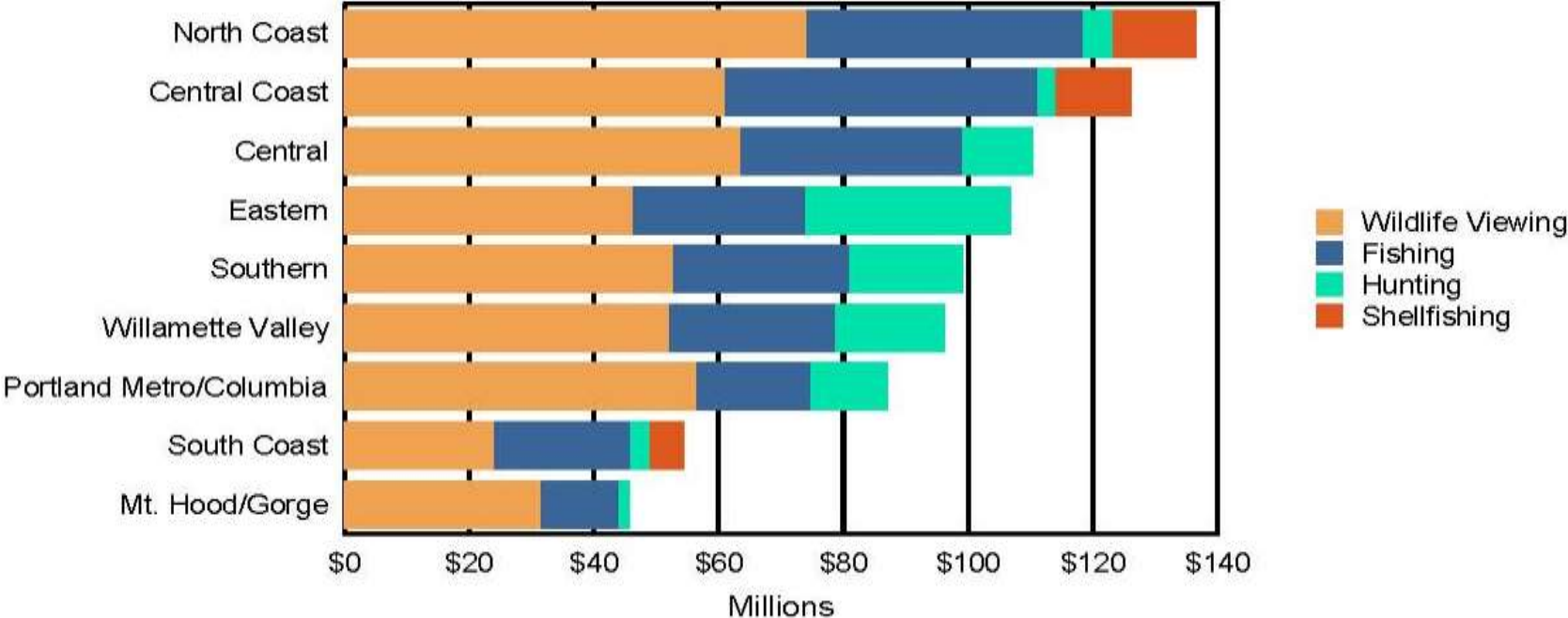
Saltwater = \$26.4

Shellfish = \$13.3

Source: "Fishing, Hunting, Wildlife Viewing, and Shellfishing in Oregon 2008 State and County Expenditure Estimates"

May 2009

Travel-Generated Expenditures in Oregon, 2008





Oregon Sport Fishing : A Heritage and an Economic Force for Conservation

Sportfishing Means Business! In Oregon, growing sport fishing opportunity grows jobs, protects an important piece of our culture, connecting families and friends to each other and the natural environment.

Sportfishing & the Oregon Economy

11,043 Jobs

\$382,802,979 Salaries & Wages

638,000 Adult Anglers (resident and non resident)

\$680,636,132 Retail sales

\$1,172,481,577 Multiplier Effect

\$72,381,359 State & Local Tax Revenues

\$91,781,493 Federal Tax Revenues

5,658,437 Total Fishing Days

*Citation: Southwick Associates.
Sportfishing in America: An
Economic Force for Conservation.
Produced for the American
Sportfishing Association (ASA)
under a U.S. Fish and Wildlife
Service (USFWS) Sport Fish
Restoration grant (F12AP00137,
EA M-26-R) awarded by the
Association of Fish and Wildlife
Agencies (AFWA), 2012.*



Did You Know?

- Recreational fishing ranks higher than bowling or playing basketball, softball or soccer, according to data from the National Sporting Goods Association.
- More Americans fish than play golf (21 million) and tennis (13 million) combined.
- If fishing were a company, the amount spent by anglers to support fishing-related retail sales would rank number 51 on the Fortune 500 list.
- Fishing generated more revenue (\$48 billion) than Lockheed Martin (\$47 billion), Intel (\$44 billion), Chrysler (\$42 billion) or Google (\$38 billion).
- The economic activity generated by sportfishing is greater than the economies, measured in Gross State Product, of 17 states.
- At more than 46 million anglers in 2011, more than twice the number of people fished in 2011 than attended every NFL game combined.

American Sportfishing Association 2011 report



Rank	State	Number of Non-Resident Anglers	Total Non-Resident Expenditures
1.	Florida	1,197,279	\$898,283,876
2.	Michigan	347,029	\$326,337,857
3.	Wisconsin	336,753	\$445,006,874
4.	North Carolina	328,810	\$260,296,738
5.	Alaska	327,418	\$361,768,322
6.	New York	297,070	\$282,573,249
7.	Oregon	264,424	\$241,771,577
8.	Minnesota	259,324	\$364,108,877
9.	New Jersey	256,950	\$106,323,764
10.	Missouri	244,290	\$205,686,074

Oregon ocean recreational Coho catch (number of fish) by catch area and statistical month, 1979-2013.

Tillamook Catch Area (including Garibaldi and Pacific City)

COHO

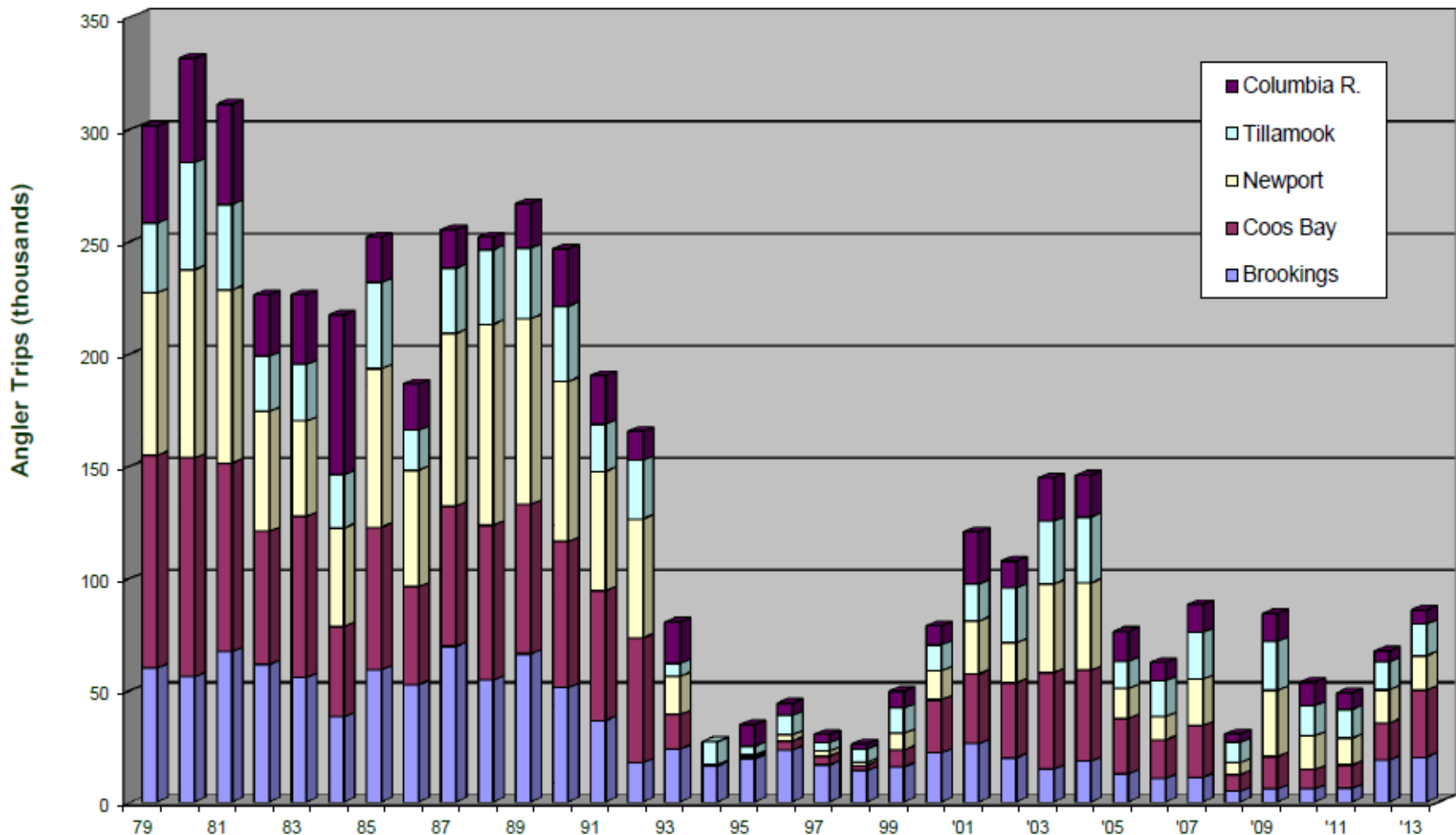
Year	May	June	July	August	Sept.	Oct.	Season
1979	100	1,100	2,600	5,600	<50	-	9,400
1980	100	7,100	10,800	10,300	600	-	28,900
1981	300	1,000	5,600	9,600	1,300	-	17,700
1982	-	1,300	21,800	-	-	-	23,100
1983	-	200	6,100	1,600	900	-	8,800
1984	-	-	9,300	10,600	500	-	20,300
1985	-	-	8,900	21,700	400	-	31,000
1986	-	3,400	15,800	5,100	-	-	24,300
1987	-	0	10,200	4,900	700	-	16,400
1988	100	1,800	8,200	14,200	5,700	-	29,900
1989	<50	3,400	19,700	7,000	100	-	30,100
1990	-	0	8,800	12,400	800	-	22,900
1991	<50	2,500	23,100	-	-	-	25,600
1992	100	1,800	11,300	6,100	1,400	-	20,800
1993	<50	<50	900	1,400	-	-	2,300
1994	-	-	-	-	-	<50	<50
1995	-	-	-	-	<50	-	<50
1996	-	-	-	<50	<50	<50	<50
1997	-	-	<50	-	<50	-	<50
1998	-	-	<50	<50	<50	<50	<50
1999	-	-	1,000	<50	<50	<50	1,000
2000	-	-	2,000	<50	<50	-	2,000
2001	-	3,400	8,800	<50	0	<50	12,300
2002	-	-	4,700	1,100	<50	<50	5,800
2003	<50	1,400	14,100	5,700	<50	<50	21,200
2004	-	1,300	8,700	4,200	200	-	14,400
2005	-	500	500	<50	<50	-	1,100
2006	-	200	1,000	100	<50	-	1,400
2007	<50	1,200	4,300	6,900	100	-	12,600
2008	-	<50	200	900	<50	<50	1,200
2009	-	1,100	12,700	9,900	300	-	24,000
2010	-	300	1,400	1,400	300	-	3,400
2011	-	400	1,500	1,300	2500	-	5,700
2012	-	13	423	1,302	1,424	-	3,162
2013	-	-	2,052	782	827	12	3,673

The "Good 'Ol Days"

The Crash

The "Rebound"?

Ocean Sport Salmon Angling Effort by Area



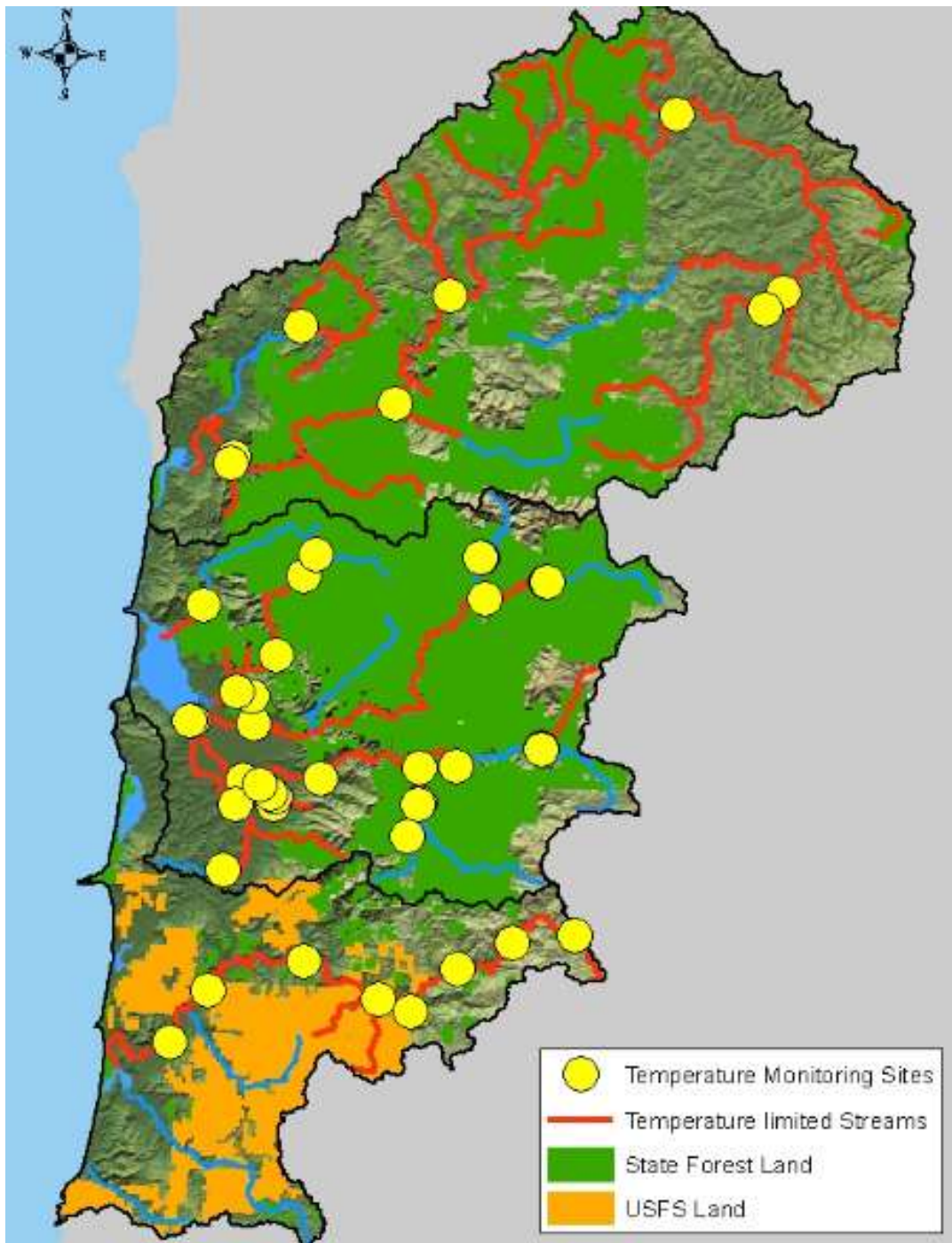
1 charter angler trip = \$145.04.

Year 1 rec. angler trip = \$38.39

A high of 331,400 trips in 1980, worth \$16 million (2014 dollars)

A low of 25,700 trips in 1998, worth \$1.2 million (2014 dollars)

***Some increase due to an allocation shift of coho from commercial to sport fleet.**



“Water temperature is a catalyst, a depressant, an activator, a restrictor, a stimulator, a controller, a killer, one of the most important and most influential water quality characteristics to life in water.”

-The Federal Water Pollution Control Administration
U.S. EPA (1986)

Tillamook Country stream reaches that are temperature limited. Nehalem, Tillamook and Nestucca.

Of the 3 basins, the Nehalem has the highest intrinsic value for wild coho.

According to EPA and NMFS (1971), temperatures of 70 ° F (21 ° C) were directly lethal to more than 50 percent of the adult salmon and steelhead exposed to that temperature.