

APPENDIX D

Historical Economic Data

APPENDIX D TABLES

Historical Economic Data

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Table D-1. California troll chinook and coho average dressed weights (pounds) by area of landing and month for 1981-1987, with 1971-1975 and 1976-1980 averages.

Year	Chinook							Coho					
	Apr.	May	June	July	Aug.	Sept.	Season	May	June	July	Aug.	Sept.	Season
<u>CRESCENT CITY</u>													
<u>Averages</u>													
1971-1975	10.2	8.4	9.3	8.5	9.6	8.0	8.9	4.3	4.9	6.6	8.2	9.0	5.6
1976-1980	9.1	8.5	8.7	9.1	9.8	8.9	8.9	3.9	4.3	6.4	7.1	7.1	5.0
1981	-	8.9	9.7	8.8	9.4	9.1	9.2	3.9	4.4	6.0	6.8	7.1	5.6
1982	7.2	8.0	8.8	9.9	9.7	9.3	9.4	3.9	4.9	5.9	6.5	6.5	5.9
1983	-	6.8	7.6	7.6	7.2	-	7.5	-	4.4	4.3	4.5	-	4.4
1984	-	7.1	7.2	7.9	8.4	-	7.9	-	-	-	7.7	-	7.7
1985	-	-	-	11.7	13.0	12.4	12.3	-	-	7.3	7.9	-	7.5
1986	-	8.0	8.3	9.5	8.6	10.7	8.7	-	4.7	5.0	-	-	4.8
1987	-	10.0	8.8	9.9	10.0	10.0	8.9	-	5.3	5.5	-	5.0	5.3
<u>EUREKA</u>													
<u>Averages</u>													
1971-1975	8.3	8.6	10.2	8.9	9.2	10.0	9.2	4.4	5.5	6.9	8.1	6.6	5.5
1976-1980	7.8	8.1	8.5	8.6	9.8	9.5	8.4	3.1	4.3	6.2	7.1	6.8	4.3
1981	-	7.6	8.9	9.5	9.4	10.0	8.5	3.7	4.6	5.9	6.7	6.7	5.7
1982	7.7	7.8	9.4	9.6	10.9	9.2	9.0	5.1	5.3	5.8	6.6	6.4	5.9
1983	-	7.2	7.6	8.0	7.9	-	7.6	5.0	4.3	4.3	5.0	-	4.4
1984	-	7.2	7.0	8.7	8.4	-	7.9	-	-	7.6	6.6	-	6.8
1985	-	12.4	13.1	11.7	13.0	12.4	12.3	-	8.1	7.3	7.9	8.0	7.5
1986	-	8.4	8.2	10.2	11.0	10.8	9.5	-	5.1	5.4	6.0	8.1	5.2
1987	-	10.0	8.9	9.3	8.0	8.1	8.9	-	5.2	5.5	-	6.5	5.4
<u>PORT BRAGG</u>													
<u>Averages</u>													
1971-1975	9.0	8.9	11.1	10.7	11.2	11.4	10.6	4.6	6.3	7.8	9.2	8.1	7.0
1976-1980	9.1	8.5	9.4	10.8	10.2	10.5	10.1	3.9	4.9	6.7	6.9	7.6	5.4
1981	-	8.5	10.5	9.6	9.8	10.5	9.7	3.7	5.0	6.1	6.2	7.5	5.8
1982	7.6	9.7	10.8	10.0	11.6	9.9	10.1	4.2	6.2	6.1	6.5	7.1	6.2
1983	-	7.1	7.6	7.7	8.4	8.2	7.7	6.0	4.2	4.7	5.0	5.5	4.6
1984	-	7.1	10.0	8.8	8.9	9.7	9.0	-	7.4	7.3	7.8	8.6	7.4
1985	-	12.4	13.1	11.7	13.0	12.4	12.3	-	8.1	7.3	7.9	8.0	7.5
1986	-	8.7	8.4	7.9	9.0	8.6	8.4	-	5.0	5.9	6.4	6.0	5.7
1987	-	9.1	10.2	9.6	9.8	10.5	9.7	-	5.7	5.8	-	5.0	5.8
<u>NORTH COAST</u>													
<u>Averages</u>													
1971-1975	8.6	8.6	10.4	9.8	10.7	10.7	9.7	4.4	5.6	7.1	8.8	7.7	6.0
1976-1980	8.1	8.2	8.8	9.9	10.1	10.1	9.2	3.4	4.4	6.4	7.0	7.0	4.8
1981	-	8.2	10.3	9.5	9.5	9.7	9.2	3.8	4.6	6.0	6.7	7.0	5.7
1982	7.6	8.5	10.0	9.9	10.5	9.5	9.7	4.8	5.4	6.0	6.5	6.6	6.0
1983	-	7.1	7.6	7.8	8.1	8.2	7.6	5.7	4.3	4.4	5.0	5.5	4.4
1984	-	7.1	9.3	8.6	8.6	9.7	8.6	-	7.4	7.3	7.2	8.6	7.3
1985	-	12.4	13.1	11.7	13.0	12.4	12.3	-	8.1	7.3	7.9	8.0	7.5
1986	-	8.7	8.4	8.1	9.6	10.3	8.6	-	4.9	5.8	6.3	6.8	5.4
1987	-	9.2	9.5	9.6	9.7	9.2	9.5	-	5.4	5.8	-	6.3	5.6

Table D-1. California troll chinook and coho average dressed weights . . . (continued).

Year	Chinook							Coho					
	Apr.	May	June	July	Aug.	Sept.	Season	May	June	July	Aug.	Sept.	Season
<u>SAN FRANCISCO</u>													
<u>Averages</u>													
1971-1975	8.7	9.7	11.4	11.9	11.1	11.3	10.7	5.2	6.5	8.7	8.9	8.9	7.4
1976-1980	8.5	8.8	9.9	10.8	11.4	11.6	9.9	4.2	5.0	6.8	6.8	7.7	5.2
1981	-	8.6	9.8	11.3	11.3	9.9	10.4	4.0	6.7	7.0	5.6	10.2	6.4
1982	7.5	9.0	10.1	10.4	11.0	11.2	9.9	4.4	5.6	6.6	7.2	7.9	6.2
1983	6.1	6.3	6.9	7.5	8.5	8.3	7.1	5.5	3.8	4.6	5.1	4.3	4.6
1984	-	8.0	8.5	9.2	8.8	8.6	8.9	-	6.9	7.9	7.6	8.7	7.6
1985	-	11.0	12.8	14.2	13.0	12.0	12.4	-	6.9	7.8	9.0	8.0	7.2
1986	-	8.3	8.8	9.3	10.9	12.6	9.1	5.0	5.4	6.2	6.4	6.0	5.9
1987	-	10.3	11.0	11.2	12.6	11.4	10.9	-	5.4	5.8	5.0	-	5.6
<u>MONTEREY</u>													
<u>Averages</u>													
1971-1975	9.2	10.5	11.2	11.2	12.7	10.9	11.0	4.8	6.7	8.5	10.1	13.3	6.0
1976-1980	8.5	9.2	9.3	10.9	13.2	10.0	9.9	4.4	4.9	6.7	7.2	5.6	5.1
1981	-	7.2	9.3	8.5	11.8	8.7	8.0	5.0	4.0	6.9	5.5	10.0	5.7
1982	8.3	9.1	10.1	10.8	10.8	11.9	9.7	6.7	5.5	5.8	8.7	10.4	6.9
1983	6.3	6.4	7.0	7.9	8.4	9.5	7.1	4.4	3.9	5.0	5.9	5.3	4.2
1984	-	7.8	8.3	9.8	9.5	8.6	8.4	-	6.7	7.9	10.7	-	7.0
1985	-	12.5	13.2	14.9	16.1	12.0	13.1	3.2	6.4	5.2	9.0	8.0	5.4
1986	-	9.2	10.7	11.3	11.7	10.8	10.1	-	5.1	7.4	7.0	-	6.4
1987	-	9.3	12.0	11.8	11.9	11.3	10.7	-	6.3	5.4	5.6	5.2	5.7
<u>SOUTH COAST</u>													
<u>Averages</u>													
1971-1975	8.8	10.0	11.3	11.7	11.5	11.2	10.8	5.0	6.5	8.7	9.0	9.2	7.1
1976-1980	8.5	8.9	9.7	10.8	12.2	11.2	9.9	4.3	5.0	6.8	6.8	7.5	5.2
1981	-	7.9	9.7	10.7	11.4	9.8	9.7	4.0	6.7	7.0	5.6	10.2	6.3
1982	8.0	9.0	10.1	10.5	10.9	11.3	9.8	4.9	5.6	6.6	7.3	8.1	6.3
1983	6.2	6.4	6.9	7.7	8.5	8.4	7.1	5.0	3.9	4.7	5.1	4.6	4.5
1984	-	7.8	8.4	9.3	8.8	8.6	8.8	-	6.8	7.9	8.3	8.7	7.5
1985	-	11.3	12.9	14.3	13.0	12.0	12.5	3.2	6.8	6.9	9.0	-	6.8
1986	-	8.8	9.4	9.9	11.2	11.9	9.5	-	5.0	6.4	6.7	6.0	6.0
1987	-	10.0	11.4	11.5	12.3	11.3	10.8	-	5.5	5.8	5.1	5.6	5.6
<u>STATEWIDE</u>													
<u>Averages</u>													
1971-1975	8.8	9.2	10.7	10.4	11.3	11.1	10.2	4.5	5.7	7.3	8.8	8.1	6.1
1976-1980	8.4	8.5	9.2	10.3	10.7	10.5	9.5	3.5	4.5	6.5	7.0	7.1	4.9
1981	-	8.0	10.1	10.3	10.0	9.7	9.4	3.8	4.6	6.0	6.7	7.1	5.7
1982	7.9	8.8	10.0	10.2	10.7	10.4	9.7	4.9	5.4	6.0	6.6	6.8	6.0
1983	6.2	6.5	7.4	7.7	8.3	8.4	7.3	5.0	4.3	4.4	5.0	4.8	4.4
1984	-	7.5	8.5	9.1	8.8	9.3	8.7	-	6.8	7.7	7.2	8.6	7.4
1985	-	11.6	13.0	12.5	13.0	12.2	12.4	3.2	7.9	7.3	7.9	8.0	7.5
1986	-	8.7	9.0	9.1	10.3	11.3	9.1	5.0	5.0	5.9	6.4	6.6	5.5
1987	-	9.8	10.4	10.3	10.8	10.5	10.2	-	5.4	5.8	5.0	6.2	5.6

a/ Average weights for 1981-1987 were calculated using field sample data and may be different from average weights calculated using dealer reported weight and numbers for the same year.

Table D-2. Monthly Oregon commercial troll chinook and coho salmon average dressed weights.

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Average
<u>CHINOOK</u>								
1976	10.2	10.3	10.8	10.5	9.7	10.6	11.7	10.4
1977	8.8	10.5	10.5	10.0	9.4	11.0	14.1	10.2
1978	9.6	9.8	9.9	9.2	9.5	12.0	18.5	9.9
1979	11.9	9.9	11.0	10.2	10.9	9.0	16.3	10.5
1980	10.7	10.5	10.6	10.3	9.8	9.9	16.4	10.4
1981	9.2	9.1	10.7	9.8	8.6	10.5	14.4	9.8
1982	9.4	10.4	10.4	10.0	8.8	9.8	12.9	10.1
1983	8.8	8.0	7.9	7.8	8.8	10.1	11.7	8.2
1984	8.6	8.5	8.5	8.2	9.2	16.6	15.4	8.5
1985	9.1	9.3	10.0	9.0	8.6	10.6	19.3	9.4
1986	9.4	8.7	8.5	8.0	7.8	7.5	13.1	8.4
1987 ^{a/}	9.3	9.7	10.2	9.4	8.4	10.8	14.2	9.8
<u>COHO</u>								
<u>Average</u>								
1971-1975	-	5.1	6.1	7.0	7.2	7.9	-	6.2
1976	-	4.1	5.0	5.8	5.7	6.2	-	5.0
1977	-	4.6	6.0	7.1	6.6	7.6	-	5.9
1978	-	4.4	4.5	5.1	4.9	5.2	-	4.5
1979	-	-	6.3	6.8	6.2	-	-	6.4
1980	-	-	5.5	5.9	6.1	-	-	5.7
1981	-	-	4.8	6.0	-	-	-	5.4
1982	-	-	5.2	5.6	-	-	-	5.2
1983	-	-	3.4	3.8	3.6	-	-	3.4
1984	-	-	-	5.1	-	-	-	5.1
1985	-	-	5.7	5.9	-	-	-	5.8
1986	-	4.3	4.4	3.9	-	-	-	4.3
1987 ^{a/}	-	5.0	5.3	5.6	5.9	-	-	5.4

a/ Preliminary.

Table D-3. Monthly Washington commercial troll chinook and coho salmon average dressed weights. a/

Year	May		June		July		August		September		October		Season b/	
	Treaty	Non-treaty	Treaty	Non-treaty	Treaty	Non-treaty	Treaty	Non-treaty	Treaty	Non-treaty	Treaty	Non-treaty	Treaty	Non-treaty
COHO														
1979	2.6	-	3.3	4.8	4.7	4.8	5.8	6.4	5.7	6.8	-	-	3.9	5.5
1980	2.5	-	3.4	-	4.3	4.8	5.7	6.0	6.9	5.7	-	-	3.7	5.2
1981	1.7	-	2.9	-	3.9	4.2	4.7	4.7	5.9	5.9	-	5.8	4.5	4.3
1982	2.2	-	3.5	-	4.2	4.7	5.3	4.1	6.5	4.9	-	-	5.3	5.0
1983	3.0	-	3.4	-	3.6	5.0	4.0	4.0	4.8	-	-	-	4.1	4.2
1984	-	-	-	-	3.1	-	5.0	4.5	5.1	-	6.5	-	4.2	4.5
1985	-	-	3.1	-	4.4	4.5	5.5	5.8	5.7	-	-	-	5.0	4.6
1986	-	-	3.0	-	3.5	-	3.9	4.2	-	-	5.8	-	3.4	4.1
1987 ^{c/}	-	-	-	-	3.9	4.3	4.3	-	4.6	-	4.6	-	4.1	4.3
CHINOOK														
1979	9.5	10.5	12.0	11.3	15.4	12.4	14.2	12.7	5.4	9.6	6.8	-	6.2	11.9
1980	10.9	12.0	12.6	-	12.5	13.2	14.2	13.5	10.9	13.1	6.7	-	7.3	13.0
1981	7.3	10.2	9.8	-	10.4	12.8	11.0	13.0	8.1	-	5.7	-	6.7	11.4
1982	8.9	9.7	8.0	-	10.2	12.9	8.4	14.0	5.9	13.6	5.5	-	7.0	11.2
1983	7.1	9.9	8.5	-	9.6	11.8	7.8	12.3	7.2	11.7	5.1	-	6.1	10.5
1984	6.6	9.1	8.8	-	8.1	-	8.6	10.7	8.0	-	4.4	-	5.3	9.4
1985	6.5	9.7	8.9	-	9.8	11.5	10.8	11.1	9.5	-	4.9	-	6.9	10.4
1986	8.3	10.1	7.3	-	8.8	-	8.3	10.3	5.9	-	4.5	-	6.0	10.2
1987 ^{c/}	8.2	9.0	6.0	-	10.1	10.6	10.0	-	6.1	-	-	-	6.3	9.5

a/ Split between treaty and nontreaty beginning in 1979. Treaty statistics include landings from Strait of Juan de Fuca.

b/ Season totals include additional winter treaty troll.

c/ Preliminary.

Table D-4. Commercial landings in dressed weight and value (dollars) of salmon to California, and number of registered vessels making commercial salmon landings.^{a/}

Year	Pounds Landed	Ex-Vessel Value	Vessels Landing Salmon	Nominal Average Ex-Vessel Value/Vessel	Real Average Ex-Vessel Value/Vessel ^{b/}
1960	6,221,000	\$ 3,339,000	1,365	\$ 2,450	\$ 8,736
1961	8,638,000	4,698,000	1,615	2,910	10,275
1962	6,673,000	4,023,000	1,563	2,570	8,905
1963	7,849,000	3,959,000	1,611	2,460	8,388
1964	9,481,000	5,013,000	1,774	2,830	9,516
1965	9,674,000	4,989,000	2,001	2,490	8,199
1966	9,447,000	4,845,000	1,929	2,510	7,998
1967	7,402,000	3,945,000	2,137	1,850	5,722
1968	6,952,000	4,014,000	2,249	1,780	5,280
1969	6,151,000	3,843,000	2,125	1,810	5,111
1970	6,629,000	5,101,000	2,065	2,470	6,607
1971	8,117,000	4,757,000	2,221	2,140	5,459
1972	6,423,000	4,830,000	2,392	2,020	4,942
1973	9,669,000	8,991,000	2,848	3,160	7,313
1974	8,749,000	8,013,000	3,185	2,520	5,353
1975	6,925,000	6,972,000	3,150	2,210	4,310
1976	7,788,000	10,707,000	3,526	3,040	5,627
1977	5,930,000	12,074,000	3,797	3,180	5,554
1978	6,804,000	11,001,000	4,919	2,240	3,646
1979	8,746,000	21,870,000	4,593	4,290	6,460
1980	6,019,000	13,141,000	4,738	2,770	3,794
1981	6,042,000	15,034,000	4,102	3,665	4,584
1982	7,996,000	19,819,000	4,013 (5,964) ^{c/}	4,940	5,870
1983	2,410,000	4,618,000	3,223 (4,617) ^{c/}	1,430	1,623
1984	2,970,000	7,884,000	2,569 (4,180) ^{c/}	3,070	3,351
1985 ^{d/}	4,630,000	11,515,000	2,308 (3,896) ^{c/}	4,990	5,259
1986 ^{d/}	7,417,597	14,460,000	2,554 (3,753) ^{c/}	5,660	5,807
1987 ^{d/}	9,232,200	24,474,700	2,429 (3,261) ^{c/}	10,075	10,075

- a/ Derived from vessel registrations and fish landing tickets.
b/ Expressed in 1987 dollars.
c/ Number of commercial salmon vessel permits issued.
d/ Preliminary.

Table D-5. Number of vessels landing troll-caught salmon in Oregon, 1974-1987.

Year	Number of Vessels ^{a/}	
1974	2,253	
1975	2,304	
1976	2,770	
1977	3,108	
1978	3,158	
1979	3,114	
1980 ^{b/}	3,875	(4,314)
1981	3,615	(3,926)
1982	3,269	(3,646)
1983	2,951	(3,439)
1984	771 ^{c/}	(3,203)
1985	2,050 ^{d/}	(2,993)
1986	2,288	(2,739)
1987 ^{e/}	2,111	(2,616)

a/ Numbers of vessels holding permits for troll salmon fishing under the state license moratorium, but not necessarily landing salmon, are noted in parentheses.

b/ The establishment of a restricted vessel permit system drew a number of historically active vessels back into the fishery in 1980.

c/ Vessels were not required to land one salmon in 1984 to be eligible for a permit in 1985. The ODPW Commission waived this requirement because of the elimination of the coho fishery south of Cape Falcon.

d/ Vessels traditionally landing salmon south of Cape Blanco and north of Cape Falcon were not required to land one salmon in 1985 to be eligible for a permit in 1986. The ODPW Commission waived this requirement because of the complete salmon closure south of Cape Blanco and a limited one-day coho season between the Columbia River and Cape Falcon.

e/ Preliminary.

Table D-6. Number of vessels landing troll-caught salmon in Washington, 1978-1987.

Year	Number of Vessels	Landings in Dressed Pounds
1978	3,041	4,775,843
1979	2,778	7,785,595
1980	2,626	3,409,198
1981	2,439	3,590,713
1982	2,253	2,673,793
1983	2,045	936,145
1984 ^{a/}	381 (2,109) ^{b/}	201,001
1985 ^{a/}	1,259	962,443
1986 ^{a/}	1,252	657,695
1987 ^{a/}	883 (1,342)	762,874

a/ Preliminary.

b/ Total number of troll permits and vessel delivery permits issued. Of these, 1,587 troll permits and 94 vessel delivery permits participated in the voluntary suspension program in 1984. One hundred forty-seven troll permits and 10 vessel delivery permits were purchased in the state buy-back program.

Table D-7. California commercial salmon troll boat-size catch statistics in pounds-dressed, 1974-1987.

Year ^{a/} Catch	Length Category (feet)	Vessels		Catch		
		Number ^{b/}	Percentage	Average Catch Per Boat (pounds)	Total Catch (pounds)	Percent of Total
1987 ^{c/}	20<	265	11	1,129	299,133	3
	21-25	582	24	1,512	879,923	10
	26-30	430	18	2,610	1,122,489	12
	31-35	282	12	4,083	1,151,424	12
	36-40	403	17	5,796	2,335,890	25
	41-45	216	9	7,781	1,680,788	18
	46-50	160	7	7,039	1,126,181	12
	51-55	41	2	7,616	312,266	3
	56-60	34	1	5,849	198,872	2
	>60	13	1	5,785	75,210	1
	Unknown	3	<1	NA	50,023	1
Totals		2,429			9,232,200	
1986 ^{c/}	20<	285	11	809	230,583	3
	21-25	594	23	1,105	656,537	9
	26-30	479	19	1,769	847,550	11
	31-35	294	12	3,276	963,269	13
	36-40	437	17	4,234	1,850,351	25
	41-45	220	9	5,710	1,256,091	17
	46-50	160	6	5,892	942,799	13
	51-55	43	2	6,218	267,380	4
	56-60	30	1	4,396	131,872	2
	61-65	7	<1	6,200	43,397	<1
	66-70	1	<1	395	395	<1
	>71	4	<1	135	541	<1
	Unknown	NA		NA	226,828	3
Totals		2,554			7,417,597	
1985 ^{b/}	20<	246	11	786	193,445	4
	21-25	549	24	817	448,320	10
	26-30	423	18	1,378	583,086	13
	31-35	264	11	2,164	571,221	12
	36-40	392	17	3,197	1,253,334	27
	41-45	204	9	3,859	787,255	17
	46-50	148	6	3,712	549,354	12
	51-55	37	2	4,039	149,426	3
	56-60	32	1	2,236	71,551	2
	61-65	10	<1	1,157	11,573	<1
	66-70	-	-	-	-	-
	Unknown	3	<1	3,721	11,164	<1
	Totals		2,308			4,629,731
1984 ^{c/}	20<	307	12	419	128,770	4
	21-25	644	25	493	317,213	11
	26-30	482	19	729	351,375	12
	31-35	278	11	1,310	364,051	12
	36-40	425	17	1,768	751,452	25
	41-45	210	8	2,546	534,655	18
	46-50	152	6	2,428	369,097	12
	51-55	29	1	3,091	89,653	3
	56-60	29	1	1,736	50,340	2
	61-65	10	<1	1,089	10,892	<1
	66-70	1	<1	73	73	<1
	Unknown	2	<1	1,443	2,886	<1
	Totals		2,569			2,970,456

Table D-7. California commercial salmon troll boat-size catch . . . (continued).

Year a/ Catch	Length Category (feet)	Vessels		Catch		
		Number b/	Percentage	Average Catch Per Boat (pounds)	Total Catch (pounds)	Percent of Total
1983 ^{c/}	20<	465	14	341	158,538	7
	21-25	827	26	386	318,957	13
	26-30	557	17	536	298,564	12
	31-35	335	10	909	304,383	13
	36-40	504	16	1,165	587,369	24
	41-45	249	8	1,452	361,456	15
	46-50	179	6	1,385	247,950	10
	51-55	50	2	1,634	81,683	3
	56-60	35	1	1,062	37,179	2
	61-65	13	<1	887	11,534	<1
	66-70	1	<1	11	11	<1
	>71	6	<1	34	202	<1
Unknown	2	<1	971	1,941	<1	
Totals		3,223			2,404,097	
1982	20<	636	16	612	389,237	5
	21-25	995	25	815	810,738	10
	26-30	658	16	1,319	868,194	11
	31-35	406	10	2,344	951,672	12
	36-40	618	15	3,283	2,028,796	25
	41-45	315	8	4,438	1,397,844	17
	46-50	225	6	4,483	1,008,568	13
	51-55	80	2	4,049	323,952	4
	56-60	47	1	3,127	146,976	2
	61-65	20	<1	2,647	52,933	<1
	66-70	4	<1	542	2,166	<1
	>71	7	<1	671	4,694	<1
Unknown	2	<1	5,136	10,273	<1	
Totals		4,013			7,996,051	
1981	20<	705	17	386	272,419	5
	21-25	1,012	25	551	557,399	9
	26-30	669	16	996	666,359	11
	31-35	395	10	1,841	727,332	12
	36-40	608	15	2,780	1,690,534	28
	41-45	301	7	3,597	1,082,745	18
	46-50	240	6	2,783	667,985	11
	51-55	81	2	2,776	224,870	4
	56-60	55	1	2,071	113,879	2
	61-65	24	1	1,356	32,549	1
	66-70	3	<1	177	532	<1
	>71	7	<1	175	1,227	<1
Unknown	2	<1	1,932	3,863	<1	
Totals		4,102			6,041,694	
1980	20<	899	19	295	265,227	4
	21-25	1,207	26	498	600,980	10
	26-30	751	16	940	705,880	12
	31-35	449	10	1,557	699,165	12
	36-40	652	14	2,271	1,480,781	25
	41-45	324	7	3,140	1,017,350	17
	46-50	252	5	2,989	753,176	12
	51-55	91	2	2,610	237,517	4
	56-60	63	1	2,710	170,761	3
	61-65	29	<1	1,791	51,947	1
	66-70	9	<1	156	1,404	<1
	>71	9	<1	70	627	<1
Unknown	3	<1	11,113	33,338	<1	
Totals		4,738			6,018,153	

Table D-7. California commercial salmon troll boat-size catch . . . (continued).

Year a/ Catch	Length Category (feet)	Vessels		Catch		
		Number b/	Percentage	Average Catch Per Boat (pounds)	Total Catch (pounds)	Percent of Total
1979	20<	1,049	22	545	571,611	7
	21-25	1,168	25	736	859,388	10
	26-30	690	15	1,275	879,448	10
	31-35	416	9	2,298	955,860	11
	36-40	615	13	3,647	2,242,923	26
	41-45	296	6	4,957	1,467,126	17
	46-50	205	4	5,105	1,046,621	12
	51-55	76	1	5,308	403,372	5
	56-60	46	1	5,063	232,901	3
	61-65	17	<1	3,317	56,393	1
	66-70	9	<1	1,110	9,987	<1
	≥71	5	<1	334	1,669	<1
	Unknown	2	<1	8,444	16,887	<1
Totals		4,594			8,744,186	
1978	20<	1,233	25	447	550,850	8
	21-25	1,162	24	614	713,895	11
	26-30	700	14	1,143	800,217	12
	31-35	431	9	1,753	755,539	11
	36-40	650	13	2,516	1,635,382	24
	41-45	328	6	2,957	969,740	14
	46-50	233	5	3,614	842,111	12
	51-55	83	2	3,693	306,524	5
	56-60	62	1	2,819	174,789	3
	61-65	19	<1	2,022	38,426	<1
	66-70	9	<1	344	3,095	<1
	≥71	7	<1	198	1,385	<1
	Unknown	2	<1	5,916	11,832	<1
Totals		4,919			6,803,783	
1977	20<	871	21	466	406,906	7
	21-25	856	21	612	524,056	9
	26-30	556	13	1,229	722,182	12
	31-35	364	9	1,964	714,956	12
	36-40	529	13	2,568	1,358,628	23
	41-45	251	6	3,550	891,169	15
	46-50	157	4	4,033	633,247	11
	51-55	58	1	4,558	264,391	4
	56-60	55	1	2,716	149,395	3
	61-65	22	1	1,271	27,968	<1
	66-70	3	<1	990	2,969	<1
	≥71	4	<1	2,169	8,667	<1
	Unknown	395	10	569	224,899	4
Totals		4,121			5,929,433	

a/ Derived from vessel registrations and fish landing tickets.

b/ Number of boats include only those recording pounds greater than zero.

c/ Preliminary.

Table D-8. Oregon salmon troll boat-size catch statistics in pounds of fish, 1978-1987.

Year	Length Category (feet)	Vessels		Poundage	
		Number ^{a/}	Percentage	Number	Percentage
1987 ^{b/}	<20	44	2.1	37,953	0.5
	20-29	1,024	49.1	1,657,469	23.2
	30-39	552	26.4	2,702,410	37.8
	40-49	352	16.9	2,263,017	31.7
	>50	115	5.5	480,846	6.7
	No length given	0	0.0	0	0.0
Totals		2,087		7,141,695	
1986	<20	55	2.4	39,096	0.7
	20-29	1,201	52.5	1,321,216	25.1
	30-39	562	24.6	1,936,359	36.7
	40-49	346	15.1	1,675,595	31.8
	>50	117	5.1	302,957	5.7
	No length given	7	0.3	615	0.0
Totals		2,288		5,275,838	
1985	<20	73	3.6	14,306	0.5
	20-29	1,067	52.0	468,105	16.9
	30-39	491	24.0	1,035,270	37.3
	40-49	304	14.8	1,078,753	38.9
	>50	104	5.1	166,640	6.0
	No length given	11	0.5	9,730	0.4
Totals		2,050		2,772,804	
1984	<20	15	2.0	2,111	0.4
	20-29	301	39.0	119,823	19.3
	30-39	260	33.7	260,983	42.0
	40-49	155	20.1	199,972	32.2
	>50	33	4.3	32,927	5.3
	No length given	7	0.9	5,004	0.8
Totals		771		620,820	
1983	<20	96	3.3	18,884	1.1
	20-29	1,559	52.8	538,997	30.7
	30-39	687	23.3	631,596	36.0
	40-49	421	14.3	458,043	26.1
	>50	166	5.6	90,047	5.1
	No length given	22	0.7	15,406	0.9
Totals		2,951		1,752,973	
1982	<20	115	3.5	53,528	1.1
	20-29	1,656	50.7	1,403,485	27.8
	30-39	760	23.2	1,757,422	34.8
	40-49	495	15.1	1,368,158	27.1
	>50	205	6.3	434,457	8.6
	No length given	38	1.2	40,234	0.8
Totals		3,269		5,057,284	
1981	<20	138	3.8	57,187	1.1
	20-29	1,787	49.3	1,661,845	31.9
	30-39	834	23.1	1,859,471	35.6
	40-49	569	15.7	1,323,819	25.4
	>50	235	6.5	268,036	5.1
	No length given	52	1.4	37,393	0.7
Totals		3,615		5,215,715	

Table D-8. Oregon salmon troll boat-size catch statistics . . . (continued).

Year	Length Category (feet)	Vessels		Poundage	
		Number ^{a/}	Percentage	Number	Percentage
1980	<20	172	4.4	35,745	0.8
	20-29	1,909	49.3	1,056,819	24.6
	30-39	865	22.3	1,502,453	35.0
	40-49	640	16.5	1,340,416	31.2
	≥50	269	6.9	343,213	8.0
	No length given	20	0.5	14,982	0.3
Totals		3,875		4,293,628	
1979	<20	129	4.1	95,119	1.3
	20-29	1,567	49.4	2,149,194	29.6
	30-39	718	22.6	2,401,024	33.0
	40-49	493	15.5	2,015,614	27.7
	≥50	177	5.6	532,875	7.3
	No length given	90	2.8	78,773	1.1
Totals		3,174		7,272,599	
1978	<20	155	4.7	73,470	1.2
	20-29	1,599	48.3	1,451,587	31.2
	30-39	730	22.1	1,585,081	34.0
	40-49	481	14.5	1,111,362	23.8
	≥50	185	5.6	381,883	8.2
	No length given	158	4.8	56,422	1.2
Totals		3,308		4,659,805	

a/ Includes only vessels with permits for 1980 to present. For 1987, includes only vessels with active permits at the end of the year.
b/ Preliminary.

Table D-9. Washington salmon troll boat-size catch statistics in pounds of fish, 1978-1987.

Year	Length Category (feet)	Vessels		Poundage	
		Number	Percentage	Number	Percentage
1987 ^{a/}	<25	375	42.5	131,629	17.2
	25-36	224	25.4	184,442	24.2
	>36	212	24.0	396,937	52.0
	Unknown	72	8.2	49,866	6.5
	Totals	883		762,874	
1986	<25	568	45.4	114,222	17.4
	25-36	352	28.1	190,489	29.0
	>36	268	21.4	327,016	49.7
	Unknown	64	5.1	25,968	3.9
	Totals	1,252		657,695	
1985	<20	90	7.2	22,860	2.4
	20-29	619	49.2	217,342	22.6
	30-39	285	22.6	333,212	34.6
	40-49	182	14.5	337,720	35.1
	≥50	55	4.4	44,118	4.6
	Unknown	28	2.2	7,191	0.8
	Totals	1,259		962,443	
1984	<20	16	4.2	3,862	1.9
	20-29	148	38.8	31,273	15.6
	30-39	104	27.3	76,186	37.9
	40-49	91	23.9	76,298	38.0
	≥50	11	2.9	6,747	3.4
	Unknown	11	2.9	6,635	3.3
	Totals	381		201,001	
1983	<20	127	6.2	12,615	1.4
	20-29	977	47.8	140,057	15.0
	30-39	450	22.0	351,408	37.5
	40-49	253	12.4	350,277	37.4
	≥50	75	3.7	36,543	3.9
	Unknown	163	8.0	45,245	4.8
	Totals	2,045		936,145	
1982	<20	159	7.1	47,417	1.8
	20-29	1,120	49.7	458,104	17.1
	30-39	550	24.4	910,175	34.0
	40-49	309	13.7	1,112,438	41.6
	≥50	88	3.9	135,857	5.1
	Unknown	27	1.2	9,805	<1
	Totals	2,253		2,673,793	
1981	<20	155	6.4	66,751	1.9
	20-29	1,171	48.0	786,251	21.9
	30-39	610	25.0	1,262,746	35.2
	40-49	341	14.0	1,222,774	34.1
	≥50	106	4.4	218,151	6.1
	Unknown	56	2.3	34,040	1.0
	Totals	2,439		3,590,713	

Table D-9. Washington salmon troll boat-size catch statistics . . . (continued).

Year	Length Category (feet)	Vessels		Poundage	
		Number	Percentage	Number	Percentage
1980	<20	170	6.5	57,043	1.7
	20-29	1,299	49.5	534,604	15.7
	30-39	653	25.0	1,081,402	31.7
	40-49	370	14.1	1,372,662	40.3
	≥50	112	4.3	298,042	8.8
	Unknown	22	<1	65,445	1.9
Totals		2,626		3,409,198	
1979	<20	165	6.0	123,014	1.6
	20-29	1,297	46.7	1,486,895	19.1
	30-39	676	24.3	2,652,928	34.1
	40-49	407	14.7	2,850,539	36.6
	≥50	134	4.8	599,661	7.7
	Unknown	99	3.6	72,558	1.0
Totals		2,778		7,785,595	
1978	<20	253	8.3	108,421	2.3
	20-29	1,407	46.3	824,533	17.3
	30-39	716	23.5	1,524,774	31.9
	40-49	426	14.0	1,723,090	36.1
	≥50	149	4.9	530,852	11.1
	Unknown	90	3.0	64,173	1.3
Totals		3,041		4,775,843	

a/ Preliminary.

Table D-10. Salmon landings and ex-vessel values by vessel size categories for selected California ports, 1987.

Port	Vessel Length (feet)	Number of Deliveries	Total Pounds Landed	Total Ex-vessel Value	Percent Total Ex-vessel Value Landed in Port
Crescent City	<26	274	9,920	\$ 29,861	3
	26-36	483	54,013	157,507	15
	>36	642	280,617	847,618	82
	Unknown	2	30	76	<1
Trinidad	<26	447	14,604	40,106	61
	26-36	140	8,901	24,867	38
	>36	3	360	1,007	2
	Unknown	1	31	95	<1
Eureka	<26	357	16,420	43,998	2
	26-36	560	122,771	344,979	18
	>36	1,070	550,000	1,536,564	80
	Unknown	13	2,262	4,093	<1
Shelter Cove	<26	4,375	235,406	600,624	45
	26-36	2,208	153,344	378,816	29
	>36	1,324	131,556	330,791	25
	Unknown	57	4,368	11,630	1
Port Bragg	<26	5,050	190,498	479,237	7
	26-36	6,835	862,179	2,168,092	33
	>36	5,745	1,509,060	3,869,592	59
	Unknown	87	14,478	35,653	1
Mendocino	<26	1,406	63,758	162,256	45
	26-36	1,013	58,084	148,622	41
	>36	137	18,022	46,513	13
	Unknown	37	1,264	3,190	1
Bodega Bay	<26	3,052	241,317	629,645	10
	26-36	5,391	824,962	2,222,611	34
	>36	3,810	1,327,041	3,641,385	56
	Unknown	88	15,969	44,562	1
San Francisco	<26	842	54,324	141,602	8
	26-36	736	142,779	361,132	20
	>36	1,253	588,344	1,339,331	73
	Unknown	14	1,167	2,027	<1
Santa Cruz	>26	1,012	63,289	182,675	33
	26-36	497	58,710	168,018	31
	>36	245	67,890	196,673	36
	Unknown	5	158	461	<1
Moss Landing	<26	876	43,077	125,512	18
	26-36	1,096	68,497	193,852	28
	>36	593	162,205	363,011	53
	Unknown	10	1,176	3,865	1
Monterey	<26	1,208	74,980	206,973	35
	26-36	1,356	112,876	307,340	51
	>36	197	29,631	83,160	14
	Unknown	11	471	1,338	<1
Santa Barbara	<26	866	79,269	241,313	21
	26-36	1,013	146,633	452,096	39
	>36	475	151,300	465,165	40
	Unknown	16	1,415	4,129	<1

Table D-11. Nontreaty troll salmon landings and ex-vessel values by vessel size categories for selected Washington ports, 1987.

Port	Vessel Length (feet)	Number of Deliveries	Total Pounds Landed	Total Ex-vessel Value	Percent Total Ex-vessel Value Landed by Port
Neah Bay	<26	12	4,195	\$ 10,837	7.4
	26-35	15	12,764	32,974	22.5
	>35	35	29,411	75,978	51.8
	Unknown	11	10,399	26,864	18.3
Westport	<26	216	95,925	248,788	22.1
	26-35	111	99,443	257,912	22.9
	<35	111	223,349	579,271	51.5
	Unknown	23	15,167	39,337	3.5
Ilwaco	<26	55	7,827	18,555	7.3
	26-35	37	29,271	69,392	27.2
	>35	26	66,186	156,905	61.4
	Unknown	17	4,482	10,625	4.2
Other Ports	<26	92	23,682	65,790	14.4
	26-35	61	42,964	119,358	26.1
	>35	40	77,991	216,666	47.4
	Unknown	21	19,818	55,056	12.0

Table D-12. California ocean commercial salmon landing statistics including salmon fleet size and number of vessels landing 50 percent and 90 percent of total landings.

Year	Total Vessels	Number Vessels Landing		Total Pounds
		50 Percent ^{a/}	90 Percent ^{a/}	
1977 ^{b/}	3,797	NA	NA	5,930,000
1978	4,919	542 (11.0%)	2,024 (41.1%)	6,803,832
1979	4,594	373 (8.1%)	1,641 (35.7%)	8,745,769
1980	4,738	431 (9.1%)	1,733 (36.6%)	6,019,398
1981	4,102	395 (9.6%)	1,599 (39.0%)	6,041,694
1982 ^{b/}	4,013	438 (10.9%)	1,602 (40.0%)	7,996,051
1983 ^{b/}	3,223	353 (11.0%)	1,268 (39.4%)	2,409,766
1984 ^{b/}	2,569	213 (8.3%)	918 (35.7%)	2,970,456
1985 ^{b/}	2,308	241 (10.4%)	898 (38.9%)	4,629,731
1986 ^{b/}	2,554	302 (11.8%)	1,151 (45.1%)	7,417,619
1987 ^{b/}	2,429	320 (13.2%)	1,080 (44.5%)	9,232,200

a/ Percentage of total fleet in parentheses.

b/ Preliminary.

Table D-13. Number of vessels landing 50 percent and 90 percent of total Oregon salmon troll catch each year, 1974-1987.

Year	Total Vessels ^{a/}	Number Landing 50 Percent Pounds ^{a/}	Number Landing 90 Percent Pounds ^{a/}
1974	1,914	326 (17.0%)	1,032 (53.9%)
1975	1,979	329 (16.6%)	1,054 (53.3%)
1976	2,770	453 (16.4%)	1,460 (52.7%)
1977	3,108	473 (15.2%)	1,597 (51.4%)
1978	3,157	446 (14.1%)	1,576 (49.9%)
1979	3,114	423 (13.6%)	1,449 (46.5%)
1980	3,875	372 (9.6%)	1,375 (35.5%)
1981	3,615	420 (11.6%)	1,391 (38.5%)
1982	3,269	359 (11.0%)	1,249 (38.2%)
1983	2,951	294 (10.0%)	1,082 (36.7%)
1984	771	88 (11.4%)	333 (43.2%)
1985	2,050	132 (6.4%)	514 (25.1%)
1986	2,284	238 (10.4%)	851 (37.3%)
1987 ^{b/}	2,111	293 (13.9%)	928 (44.0%)

a/ Includes licensed (permitted for 1980-1983) and properly identified vessels only. Total poundage on which the numbers are based is not equal to total aggregate troll landings because of landings by unlicensed or misidentified vessels. Percentages of total pounds not credited to licensed (permitted) vessels were: 1974--19 percent; 1975--19 percent; 1976--9.4 percent; 1977--8.0 percent; 1978--1.4 percent; 1979--0.2 percent; 1980--1.7 percent; 1981--.11 percent; 1982--.05 percent; 1983--.03 percent; 1984--0.00 percent; 1985--0.00 percent; 1986--0.03 percent; 1987--0.02 percent.

b/ Preliminary.

Table D-14. Yearly number of vessels landing 50 percent and 90 percent (by numbers of fish) of the total Washington troll salmon catch, 1979-1987.

Year	Total Vessels	Number Landing 50 Percent ^{a/}	Number Landing 90 Percent ^{a/}
1978	3,041	223 (7.3%)	1,040 (34.2%)
1979	2,778	253 (9.1%)	946 (34.1%)
1980	2,626	206 (7.8%)	883 (31.7%)
1981	2,439	214 (8.8%)	810 (33.2%)
1982	2,253	181 (8.0%)	703 (31.2%)
1983	2,056	75 (3.6%)	409 (19.9%)
1984	374	55 (20.1%)	180 (65.7%)
1985	1,259	104 (8.3%)	443 (35.2%)
1986	1,252	100 (8.0%)	387 (30.9%)
1987 ^{b/}	883	97 (11.0%)	385 (43.6%)

a/ Percentage of total fleet in parentheses.
b/ Preliminary.

Table D-15. California troll fleet by home state and salmon landings, 1987. ^{a/}

Home State	Number	Percent	Landings Pounds	Percent	Total Value	Percent
California	2,222	91.5	8,035,446	87.0	\$21,187,691	86.6
Oregon	140	5.8	765,705	8.3	2,087,780	8.5
Washington	40	1.6	298,433	3.2	852,757	3.5
Unknown/Other	<u>27</u>	1.1	<u>132,616</u>	1.4	<u>346,484</u>	1.4
Total	2,429		9,232,200		\$24,474,712	

a/ Preliminary.

Table D-16. Oregon troll fleet by home state and salmon landings, 1987.^{a/}

Home State	Number ^{b/}	Percent	Landings (Pounds)	Percent
Oregon	1,707	81.8	5,209,456	72.9
California	142	6.8	811,618	11.4
Washington	220	10.5	1,085,576	15.2
Unknown/Other	<u>18</u>	0.9	<u>35,045</u>	0.5
Total	2,087		7,141,695	

a/ Preliminary.

b/ Includes only boats with active troll salmon permits at the end of 1987.

Table D-17. Washington salmon troll fleet by home state and salmon landings.
1987.^{a/}

Home State	Number	Percent	Landings (Pounds)	Percent
Washington	798	90.4	708,515	92.9
Oregon	12	1.3	6,287	0.8
California	0	0.0	0	0
Alaska	2	<0.1	954	<0.1
Other/Unknown	<u>71</u>	8.0	<u>47,118</u>	6.2
Total	883		762,874	

a/ Preliminary.

Table D-18. Vessels landing salmon in California by length and home state, combined north coast and south coast, 1978-1987.

Home State ^{a/}	Length	1978	1979	1980	1981	1982	1983	1984	1985	1986 ^{b/}	1987 ^{b/}
California	<26 ^{c/}	2,325	2,243	2,069	1,611	1,535	1,223	909	769	846	827
	26-36 ^{c/}	1,165	1,152	1,248	1,052	1,051	891	805	731	809	754
	>36 ^{d/}	1,006	980	1,138	865	873	733	620	630	650	641
	Subtotal	4,496	4,375	4,455	3,528	3,459	2,847	2,334	2,130	2,305	2,222
Oregon	<26 ^{c/}	97	68	97	64	59	41	25	6	22	11
	26-36 ^{c/}	176	158	163	126	117	82	47	23	59	44
	>36 ^{d/}	262	210	228	204	196	125	84	66	103	85
	Subtotal	535	436	488	394	372	248	156	95	184	140
Washington	<26 ^{c/}	5	3	6	2	2	0	2	2	3	2
	26-36 ^{c/}	16	20	25	11	16	13	10	7	7	4
	>36 ^{d/}	85	52	90	66	64	34	34	15	30	34
	Subtotal	106	82	121	79	82	47 ^{e/}	46	24	40	40
Total ^{g/}	<26 ^{c/}	2,462	2,338	2,189	1,717	1,631	1,292	951	795	879	848
	26-36 ^{c/}	1,365	1,338	1,447	1,224	1,223	1,020	871	784	883	812
	>36 ^{d/}	1,378	1,266	1,478	1,152	1,157	909	745	726	792	771
Grand Total ^{e/f/}	5,209	4,947	5,119	4,102	4,013	3,223	2,569	2,308 ^{g/}	2,554	2,429	

a/ "Home state" refers to the declared state of residence of vessel skipper, who, in most cases, was also the vessel owner.

b/ Preliminary.

c/ Length category for 1981 is 26-35.

d/ Length category for 1982 is >36.

e/ Includes several vessels of unknown length.

f/ These totals also include a number of vessels with home states other than California, Oregon, or Washington and several vessels of unknown length. The number per year are as follows: 1977--39 other home states, 395 unknown; 1978--72 other home states, 5 unknown; 1979--54 other home states, 5 unknown; 1980--55 other home states, 5 unknown; 1981--48 other home states, 5 unknown; 1982--41 other home states, 2 unknown; 1983--37 other home states; 1984--31 other home states 5 unknown; 1985--56 other home states, 3 unknown; 1986--25 other home states; and 1987--27 other home states.

g/ These totals are somewhat inflated due to the fact that individual boats may stop both at north and south ports and therefore are counted twice. Includes 31 vessels with home state other than California, Oregon, or Washington and 5 vessels of unknown length.

Table D-19. Vessels landing salmon by home state and vessel length. South coast of California (Fort Bragg--south only) 1977-1986. Data not available after 1986.

Home State ^{a/}	Length	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
California	<26	1,114	1,465	1,422	1,454	1,177	1,152	891	722	767	740
	26-36	812	914	919	1,008	901	906	766	684	723	740
	>36	572	691	632	793	720	738	640	551	609	600
	Subtotal	2,498	3,070	2,973	3,255	2,798	2,796	2,298 ^{b/}	1,957	2,099	2,080
Oregon	<26	10	16	7	14	10	10	58	4	6	3
	26-36	18	21	15	19	14	29	55	9	20	26
	>36	38	46	24	40	36	82	85	47	64	65
	Subtotal	66	83	46	73	60	121	198	60	90	94
Washington	<26	2	2	0	2	1	2	13	3	2	3
	26-36	1	3	4	4	3	7	9	8	6	6
	>36	15	17	8	21	14	26	15	16	11	14
	Subtotal	18	22	12	27	18	35	37	27	19	23
Total	<26	1,128	1,487	1,435	1,474	1,191	1,168	971	732	793	751
	26-36	833	945	944	1,039	925	951	841	707	772	779
	>36	636	768	676	867	781	859	759	623	699	687
	Grand Total ^{b/c/}	2,812	3,202	3,057	3,382	2,898	2,979	2,574	2,064	2,667	2,220

a/ "Home state" refers to the declared state of residence of vessel skipper, who, in most cases, was also the vessel owner.

b/ Includes several vessels of unknown length.

c/ Totals include the following vessels with home states other than California, Oregon, or Washington: 1977--15 vessels; 1978--27 vessels; 1979--26 vessels; 1980--27 vessels; 1981--22 vessels; 1982--27 vessels; 1983--41 vessels; 1984--20 vessels; 1985--59 vessels, and 1986--23 vessels.

Table D-20. Vessels landing salmon by home state and length of vessel. North coast of California (Crescent City--Eureka only), 1977-1986. Data not available after 1986.

Home State ^{a/}	Length	1972-1975											
		Average	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
California	<25	378	455	583	860	818	610	476	438	341	205	4	146
	26-36	147	165	218	251	233	238	222	214	170	142	29	146
	>36	154	216	295	315	348	343	309	270	182	133	62	158
	Subtotal	679	836	1,096	1,426	1,399	1,191	1,007	922	693	480	95	450
Oregon	<25	25	24	43	81	61	83	59	54	33	22	0	19
	26-36	76	106	69	155	143	144	121	110	74	43	4	45
	>36	119	144	42	216	186	188	192	170	105	56	11	68
	Subtotal	220	274	254	452	390	415	372	334	212	121	15	132
Washington	<25	0	0	0	3	3	4	2	2	0	1	0	1
	26-36	3	2	2	13	16	21	10	15	10	2	1	3
	>36	40	25	26	68	51	68	52	58	31	28	4	26
	Subtotal	43	27	28	84	70	93	71	75	41	36	5	30
Total	<25	403	479	644	975	900	710	553	505	386	236	4	169
	26-36	226	273	290	420	394	406	359	349	260	193	35	195
	>36	313	385	192	610	590	607	569	502	321	219	77	254
	Grand Total ^{b/c/}	942	1,137	1,597 ^{c/}	2,007	1,886	1,726	1,483	1,358	968	650	116	620

a/ "Home state" refers to the declared state of residence of vessel skipper, who, in most cases, was also the vessel owner.
b/ These totals include several vessels with home states other than California, Oregon, or Washington. By year, the number included are as follows: 1977--27 vessels; 1978--45 vessels; 1979--27 vessels; 1980--27 vessels; 1981--48 vessels; 1982--19 vessels 1984--10 vessels; 1985--1 vessel; and 1986--8 vessels.
c/ Includes several vessels of unknown length.

Table D-21. Percentages of vessels landing troll salmon in Oregon by license holder's state of residence, 1977-1987.

Year	Oregon	California	Washington	Other/Unknown
1977	83.8	6.9	8.7	0.6
1978	83.6	5.9	10.0	0.5
1979	82.5	6.5	10.3	0.7
1980	80.4	8.5	9.6	1.5
1981	81.2	7.4	9.9	1.6
1982	82.1	6.3	10.2	1.4
1983	85.0	3.9	10.1	1.0
1984	85.2	2.9	11.0	0.9
1985	86.9	4.0	8.0	1.1
1986	84.5	5.2	9.1	1.2
1987 ^{a/}	81.8	6.8	10.5	0.9

a/ Preliminary.

Table D-22. Percentages of vessels landing troll salmon in Washington by license holder's state of residence, 1978-1987.

Year	Washington	Oregon	California	Alaska	Other/Unknown
1978	90.8	4.6	0.3	0.2	4.1
1979	90.9	3.8	0.3	0.3	4.7
1980	93.7	3.6	0.3	0.3	2.1
1981	92.6	3.0	0.4	0.2	3.8
1982	92.6	4.1	0.6	-	2.8
1983	92.7	2.8	0.2	0.1	4.2
1984	94.8	1.6	0.0	0.0	3.7
1985	92.7	3.3	0.2	0.2	3.6
1986	93.1	1.7	0.0	0.1	5.1
1987	90.4	1.3	0.0	<0.1	8.0

Table D-23. Number of charter boats licensed in Oregon, 1980-1987.

Year	Total Number Licensed Charter Boats	Licensed by Oregon Residents	Licensed by Washington Residents	Licensed by Residents of Other States
1980	194	192	2	0
1981	248	213	34	1
1982	253	212	40	1
1983	255	206	47	2
1984	218	185	31	2
1985	226	198	25	3
1986	247	216	26	5
1987 ^{a/}	254	226	23	5

a/ Preliminary.

Table D-24. Numbers of charter boat licensed in Washington, 1975-1987.

Year	Number of Licenses Issued
1975	404
1976	427
1977 ^{a/}	569
1978	535
1979	516
1980	510
1981	478
1982	414
1983	363
1984	355 ^{b/c/}
1985	316 ^{d/}
1986	298 ^{e/}
1987	272

a/ First year moratorium in effect.

b/ Vessel license refund program participated in by 85 boats in 1984.

c/ Buy-back program purchased 21 percent of the 355 total licenses issued during 1984.

d/ Buy-back program purchased 19 licenses of the total 316 issued during 1985.

e/ Buy-back program purchased 14 licenses of the total 298 issued during 1986.