

Appendices

The appendices that follow include:

- 2000 census tables for Washington, Oregon and California
- 2001 PacFIN landings data
- Physical descriptions of coastal fishing ports
- Processor information
- Hierarchical listing of Species/Market Categories, Complexes, Management Groups (SP table)

Census Data

Note for Tables 4a, 4b and 4c:

The values in the “INDUSTRY” column represent the number of industries in a given county. The results were collected through personal interviews and literature research. The recorded value “5+” means the port had greater than or equal to five industries.

Table 4a. Washington.

COUNTY	POPULATION	PER CAPITA INCOME	UNEMPLOYMENT	POVERTY	YEAR HOUSE BUILT	VACANT HOUSES	INDUSTRY	NOT COMPLETED	0-11 TH GRADE*	GRADE 0-12 TH W/OUT DIPLOMA	GRADE 0-12 TH W/ DIPLOMA
Clallam	64,525	19,517	5%	12%	1976	14%	2	0.40%	9.62%	3.50%	28.00%
Clark	345,238	21,448	5%	9%	1980	15%	5+	0.60%	2.24%	3.12%	27.00%
Cowlitz	92,948	18,583	6%	14%	1968	16%	5+	0.60%	9.08%	4.12%	33.00%
Grays Harbor	67,194	16,799	6%	16%	1966	16%	3	1.00%	10.65%	3.42%	34.33%
Island	71,558	21,472	4%	7%	1979	15%	2	0.30%	3.29%	3.00%	24.31%
Jefferson	25,953	22,211	5%	11%	1980	25%	5+	0.02%	5.21%	2.30%	27.15%
King	1,737,034	29,521	4%	8%	1971	14%	5+	0.90%	6.32%	2.56%	19.17%
Kitsap	231,959	22,317	4%	8%	1978	15%	2	0.40%	4.68%	3.00%	25.42%
Lewis	68,600	17,082	7%	14%	1971	21%	5+	0.70%	13.57%	4.11%	33.00%
Mason	49,405	18,056	6%	12%	1979	18%	3	0.40%	10.86%	4.10%	32.50%
Pacific	20,984	17,322	5%	14%	1972	20%	3	0.80%	14.03%	5.00%	32.00%
Pierce	700,820	20,948	5%	10%	1975	14%	5+	0.80%	6.60%	4.00%	30.00%
San Juan	14,077	30,603	2%	9%	1983	14%	2	0.08%	3.10%	2.20%	18.70%
Skagit	102,979	21,256	5%	11%	1975	16%	5+	1.10%	9.06%	3.50%	26.34%
Skamania	9,872	18,002	9%	12%	1975	26%	4	0.02%	7.93%	4.00%	33.45%
Snohomish	606,024	23,417	2%	7%	1980	14%	4	0.50%	5.87%	3.00%	26.00%
Thurston	207,355	22,415	5%	9%	1979	14%	3	0.70%	5.65%	3.00%	24.00%
Wahkiakum	3,824	19,063	6%	8%	1969	29%	1	0.22%	9.72%	4.50%	32.15%
Whatcom	166,814	20,025	6%	14%	1977	15%	5+	0.80%	7.84%	3.00%	28.00%

* This category is made up of 11 levels of educational attainment. These levels are: nursery to fourth grade, fifth to sixth grade, seventh to eighth grade, ninth grade, 10th grade and 11th grade. The sum of the 11 levels equals the percent shown in the tables.

Table 4a. Washington cont.

COUNTY	< ONE YEAR OF COLLEGE	> ONE YEAR OF COLLEGE, NO DEGREE	ASSOCIATES DEGREE	BACHELORS DEGREE	MASTERS DEGREE	PROFESSIONAL DEGREE	PhD	TOTAL
Clallam	11.11%	18.00%	8.14%	13.00%	5.00%	2.00%	1.23%	100.00%
Clark	11.00%	20.00%	8.34%	15.00%	6.00%	1.40%	5.30%	100.00%
Cowlitz	11.45%	17.40%	8.32%	8.40%	3.30%	1.33%	3.00%	100.00%
Grays Harbor	10.00%	17.00%	8.00%	8.00%	3.40%	1.10%	3.10%	100.00%
Island	11.00%	20.10%	10.00%	19.00%	6.00%	2.00%	1.00%	100.00%
Jefferson	8.22%	21.00%	7.10%	18.00%	7.00%	2.00%	2.00%	100.00%
King	6.93%	16.68%	7.51%	26.62%	8.88%	2.87%	1.56%	100.00%
Kitsap	10.40%	21.00%	9.10%	17.00%	6.00%	2.00%	1.00%	100.00%
Lewis	10.00%	17.00%	8.00%	8.00%	4.00%	1.40%	0.22%	100.00%
Mason	10.12%	18.50%	7.10%	11.00%	4.00%	1.00%	0.42%	100.00%
Pacific	9.50%	17.00%	6.00%	9.12%	5.00%	1.05%	0.50%	100.00%
Pierce	10.00%	18.50%	8.10%	14.00%	5.00%	2.00%	1.00%	100.00%
San Juan	6.20%	23.05%	6.32%	25.00%	10.23%	3.00%	2.12%	100.00%
Skagit	10.00%	19.00%	9.00%	14.00%	5.00%	2.00%	1.00%	100.00%
Skamania	10.00%	19.50%	7.00%	12.00%	4.00%	1.10%	1.00%	100.00%
Snohomish	10.03%	20.00%	9.10%	18.00%	5.00%	1.50%	1.00%	100.00%
Thurston	10.00%	18.40%	8.00%	19.00%	8.00%	2.23%	1.02%	100.00%
Wahkiakum	11.00%	21.00%	6.11%	10.00%	3.50%	1.30%	0.50%	100.00%
Whatcom	8.43%	17.10%	7.20%	18.31%	6.00%	2.00%	1.32%	100.00%

Table 4b. Oregon.

COUNTY	POPULATION	PER CAPITA INCOME	UNEMPLMENT	POVERTY	YEAR HOUSE BUILT	VACANT HOUSES	INDUSTRY	NOT COMPLETED	0-11 TH GRADE	GRADE 0-12 TH W/OUT DIPLOMA	GRADE 0-12 TH W/ DIPLOMA
Clatsop	35,630	19,515	5%	13%	1973	27%	3	0.40%	9.65%	4.00%	29.04%
Columbia	45,560	20,078	5%	9%	1968	24%	5+	0.30%	10.66%	3.16%	35.16%
Coos	62,779	17,547	6%	15%	1978	14%	5+	0.70%	12.59%	4.17%	30.73%
Curry	21,137	18,138	3%	12%	1972	18%	5+	0.30%	10.29%	7.00%	32.11%
Douglas	100,399	16,581	6%	13%	1971	15%	2	0.40%	13.43%	4.24%	35.00%
Hood River	20,411	17,877	5%	14%	1972	12%	2	2.00%	15.28%	3.31%	27.00%
Lane	322,959	19,681	5%	14%	1975	11%	5+	0.40%	7.73%	3.00%	26.00%
Lincoln	44,479	18,692	6%	14%	1958	18%	4	0.30%	9.46%	4.00%	29.00%
Multnomah	660,486	22,606	5%	12%	1973	14%	5+	1.20%	18.95%	3.34%	23.04%
Tillamook	24,262	19,052	3%	11%	1973	29%	4	0.20%	10.63%	4.03%	37.00%

Table 4b. Oregon cont.

COUNTY	< ONE YEAR OF COLLEGE	> ONE YEAR OF COLLEGE, NO DEGREE	ASSOCIATES DEGREE	BACHELORS DEGREE	MASTERS DEGREE	PROFESSIONAL DEGREE	PhD	TOTAL
Clatsop	10.00%	20.21%	7.30%	13.00%	5.00%	1.00%	0.40%	100.00%
Columbia	11.50%	17.72%	7.17%	10.00%	3.00%	1.00%	0.33%	100.00%
Coos	12.00%	17.50%	7.00%	9.31%	4.00%	1.50%	0.50%	100.00%
Curry	9.10%	17.50%	6.50%	10.00%	5.00%	1.20%	1.00%	100.00%
Douglas	10.00%	17.00%	6.60%	8.40%	3.31%	1.20%	0.42%	100.00%
Hood River	8.50%	15.36%	5.00%	15.25%	5.10%	2.20%	1.00%	100.00%
Lane	9.07%	20.00%	7.30%	16.00%	7.00%	2.00%	1.50%	100.00%
Lincoln	10.00%	20.00%	6.00%	12.40%	5.34%	2.00%	1.50%	100.00%
Multnomah	8.10%	18.00%	6.14%	10.10%	7.00%	3.00%	1.13%	100.00%
Tillamook	10.00%	14.30%	5.34%	11.50%	4.00%	2.00%	1.00%	100.00%

Table 4c. California.

COUNTY	POPULATION	PER CAPITA INCOME	UNEMPLMENT	POVERTY	YEAR HOUSE BUILT	VACANT HOUSES	INDUSTRY	NOT COMPLETED	0-11 TH GRADE	GRADE 0-12 TH W/OUT DIPLOMA	GRADE 0-12 TH W/ DIPLOMA
Alameda	1,443,741	26,680	4%	11%	1963	12%	4	3.00%	9.62%	4.34%	19.05%
Contra Costa	948,816	30,615	4%	8%	1972	14%	4	1.00%	7.15%	3.40%	20.00%
Del Norte	27,507	14,573	6%	17%	1975	14%	5+	15.00%	4.90%	8.00%	27.50%
Humboldt	126,518	17,203	6%	19%	1966	23%	3	0.50%	9.65%	4.00%	26.00%
Los Angeles	9,519,338	20,683	6%	18%	1961	13%	5+	5.00%	23.64%	6.00%	19.00%
Marin	247,289	44,962	2%	6%	1964	18%	5+	0.80%	19.29%	2.23%	12.44%
Mendocino	86,265	19,443	6%	16%	1972	19%	3	2.00%	11.92%	5.00%	26.03%
Monterey	401,762	20,165	6%	13%	1970	15%	5+	6.00%	20.54%	4.30%	19.00%
Orange	2,846,289	25,826	4%	10%	1973	14%	4	3.00%	11.75%	4.22%	17.50%
San Diego	2,813,833	22,926	4%	12%	1975	14%	4	2.00%	13.21%	0.40%	20.00%
San Francisco	776,733	34,556	2%	11%	1940	11%	5+	4.00%	8.70%	4.00%	14.00%
San Joaquin	563,598	17,365	4%	17%	1973	14%	4	4.00%	17.97%	6.00%	25.23%
San Luis Obispo	246,681	21,864	4%	12%	1977	12%	5+	1.00%	9.51%	3.34%	21.81%
San Mateo	707,161	36,045	3%	6%	1962	13%	3	2.00%	8.54%	4.00%	17.50%
Santa Barbara	399,347	23,059	5%	14%	1969	16%	3	3.00%	12.93%	4.00%	19.03%
Santa Cruz	255,602	26,396	5%	11%	1970	14%	5+	3.00%	9.06%	3.00%	17.00%
Solano	394,542	21,731	5%	8%	1977	16%	3	2.00%	8.98%	4.20%	24.50%
Sonoma	458,614	25,724	4%	8%	1974	20%	4	2.00%	9.53%	3.59%	20.40%
Ventura	753,197	24,600	4%	9%	1973	14%	5+	3.00%	9.34%	7.00%	19.70%

Table 4c. California cont.

COUNTY	< ONE YEAR OF COLLEGE	> ONE YEAR OF COLLEGE, NO DEGREE	ASSOCIATES DEGREE	BACHELORS DEGREE	MASTERS DEGREE	PROFESSIONAL DEGREE	PhD	TOTAL
Alameda	6.40%	15.24%	7.00%	21.24%	9.00%	3.00%	2.11%	100.00%
Contra Costa	7.30%	17.15%	8.00%	23.00%	8.00%	3.00%	2.00%	100.00%
Del Norte	10.00%	16.50%	7.00%	8.00%	2.00%	0.60%	0.50%	100.00%
Humboldt	9.11%	19.00%	8.15%	16.00%	4.44%	2.00%	1.15%	100.00%
Los Angeles	6.00%	14.04%	6.24%	16.10%	0.53%	2.45%	1.00%	100.00%
Marin	5.00%	2.53%	6.20%	31.00%	12.18%	6.12%	2.21%	100.00%
Mendocino	9.11%	18.06%	7.45%	12.30%	4.83%	2.30%	1.00%	100.00%
Monterey	6.50%	14.41%	6.50%	14.00%	5.52%	2.13%	1.10%	100.00%
Orange	7.00%	17.00%	8.00%	20.43%	7.00%	3.00%	1.10%	100.00%
San Diego	8.00%	18.05%	8.00%	19.00%	7.00%	3.00%	1.34%	100.00%
San Francisco	4.10%	13.00%	6.00%	29.00%	10.20%	5.00%	2.00%	100.00%
San Joaquin	8.43%	15.43%	8.00%	10.20%	3.00%	1.30%	0.44%	100.00%
San Luis Obispo	9.00%	19.24%	9.10%	17.40%	6.00%	2.30%	1.30%	100.00%
San Mateo	6.00%	15.66%	7.30%	24.45%	9.31%	3.14%	2.10%	100.00%
Santa Barbara	7.00%	16.40%	8.00%	18.02%	7.22%	2.40%	2.00%	100.00%
Santa Cruz	7.00%	18.50%	7.34%	22.00%	8.10%	3.00%	2.00%	100.00%
Solano	9.40%	20.00%	9.00%	15.10%	4.32%	2.00%	0.50%	100.00%
Sonoma	8.33%	18.73%	8.90%	18.82%	6.09%	2.51%	1.10%	100.00%
Ventura	8.00%	18.00%	8.00%	17.42%	6.11%	2.30%	1.13%	100.00%

Pacific Fisheries Information Network (PacFIN) Landings Data

The following tables summarize west coast commercial landing based on 2001 PacFIN data. Tables 5a to 5c report the revenue and pounds landed by species and county as well as the number of processors and vessels by county. Due to confidentiality reasons some landings are not reported and are noted as so. Table 6a and 6b report the percent of total gear used and species landed by county. The last tables, Table 7a to 7c, describe the permit owner's place of boat registration versus landed port/city along the west coast.

Table 5a. Washington County Landings.

AREA	PROCESSOR COUNT	VESSEL COUNT	SPECIES	REVENUE	LANDED POUNDS
Entire Coast	2235	7569			
			Crab	\$61,732,909	30,600,941
			Coastal Pelagic	\$28,800,910	372,731,404
			Highly Migratory	\$24,204,523	22,765,229
			Groundfish	\$448,699,668	153,136,713
			Pacific Whiting	\$2,459,507	69,160,733
			Salmon	\$14,532,414	24,767,292
			Shellfish	*	*
			Shrimp	\$8,049,833	23,336,189
			Other	\$92,629,499	140,243,441
WA	408	2070			
			Crab	\$3,4013,893	17,286,930
			Coastal Pelagic	*	*
			Highly Migratory	\$5,338,425	6,064,285
			Groundfish	\$11,248,480	53,567,972
			Pacific Whiting	*	*
			Salmon	\$6,938,736	19,190,144
			Shellfish	*	*
			Shrimp	\$45,138	15643
			Other	\$46,316,407	63,553,563
Clallam	45	129	*	*	
			Coastal Pelagic	**	**
			Highly Migratory	*	*
			Groundfish	\$3,125,747	2,819,076
			Pacific Whiting	*	*
			Salmon	\$1,049,479	1,441,539
			Shellfish	*	*
			Shrimp	*	*
			Other	\$3,940,480	1,355,169
Clark	**	**	**	**	**
Cowlitz	**	**	**	**	**
Grays Harbor	49	361	Crab	\$13,863,846	7,009,128
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	\$2,803,704	37,830,752
			Pacific Whiting	***	***
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$5,116,609	10,744,078
Island	**	**	**	**	**
Jefferson	14	57	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$2,822,472	2,128,187

*Species included in "Other".

** PacFIN did not report landings.

***Pacific Whiting landings included in Groundfish landings.

Table 5a. Washington County Landings cont.

AREA	PROCESSOR COUNT	VESSEL COUNT	SPECIES	REVENUE	LANDED POUNDS
King	43	207	Crab	\$1,436,030	632,919
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	\$1,147,112	4,195,382
			Shellfish	*	*
			Shrimp	*	*
			Other	\$5,643,175	2,220,281
Kitsap	**	**	**	**	**
Lewis	**	**	**	**	**
Mason	12	6	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	**	**
			Groundfish	**	**
			Pacific Whiting	**	**
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$4,328,525	4,658,906
Pacific	39	319	Crab	\$6,022,465	3,180,406
			Coastal Pelagic	*	*
			Highly Migratory	\$5,338,425	6,064,285
			Groundfish	*	*
			Pacific Whiting	*	*
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$2,878,208	29,661,523
Pierce	27	46	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	*	*
			Shellfish	*	**
			Shrimp	**	**
			Other	\$4,272,730	2,880,680
Thurston	**	**	**	**	**
San Juan	8	13	Crab	\$110,283	49,310
			Coastal Pelagic	**	**
			Highly Migratory	**	**
			Groundfish	**	**
			Pacific Whiting	**	**
			Salmon	*	*
			Shellfish	**	**
			Shrimp	\$45,138	15,643
			Other	\$7,256	7,830

*Species included in "Other".

** PacFIN did not report landings.

Table 5a. Washington County Landings cont.

AREA	PROCESSOR COUNT	VESSEL COUNT	SPECIES	REVENUE	LANDED POUNDS
Skagit	28	176	Crab	\$4,195,511	2,154,730
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$884,579	1,912,170
Skamania	**	**	**	**	**
Snohomish	11	90	Crab	*	*
			Coastal Pelagic	**	**
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	\$1,023,630	3,191,213
			Shellfish	*	*
			Shrimp	*	*
			Other	\$737,624	275,003
Wahkiakum	**	**	**	**	**
Whatcom	52	478	Crab	\$8,385,758	4,260,437
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	\$5,319,029	12,918,144
			Pacific Whiting	***	***
			Salmon	\$2,340,255	6,933,664
			Shellfish	*	*
			Shrimp	*	*
			Other	\$6,015,840	4,540,430
Puget Sound Counties	24	23	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	**	**
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$3,901,397	904,880

*Species included in "Other".

** PacFIN did not report landings.

***Pacific Whiting landings included in Groundfish landings.

Table 5b. Oregon County landings.

AREA	PROCESSOR COUNT	VESSEL COUNT	SPECIES	REVENUE	LANDED POUNDS
Entire Coast	2235	7569	Crab	\$61,732,909	30,600,941
			Coastal Pelagic	\$28,800,910	372,731,404
			Highly Migratory	\$24,204,523	22,765,229
			Groundfish	\$448,699,668	153,136,713
			Pacific Whiting	\$2,459,507	69,160,733
			Salmon	\$14,532,414	24,767,292
			Shellfish	*	*
			Shrimp	\$8,049,833	23,336,189
			Other	\$92,629,499	140,243,441
OR	319	123	Crab	\$18,916,873	9566644
			Coastal Pelagic	*	*
			Highly Migratory	\$5,538,101	682355
			Groundfish	\$21,788,267	79083198
			Pacific Whiting	\$2,459,507	69160733
			Salmon	\$4,411,885	3969860
			Shellfish	*	*
			Shrimp	\$5,823,891	199991786
			Other	\$10,140,439	43679490
Clatsop	27	282	Crab	\$8,168,021	4,256,014
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	\$9,166,790	55,687,333
			Pacific Whiting	***	***
			Salmon	*	*
			Shellfish	*	*
			Shrimp	\$338,307	11,306,263
			Other	\$3,623,764	31,169,664
Columbia	**	**	**	**	**
Coos	59	311	Crab	\$2,492,854	1,251,763
			Coastal Pelagic	*	*
			Highly Migratory	\$1,661,298	2,131,653
			Groundfish	\$4,975,972	13,709,135
			Pacific Whiting	*	*
			Salmon	*	*
			Shellfish	*	*
			Shrimp	\$2,440,820	8,685,523
			Other	\$1,085,624	798,936
Curry	32	200	Crab	\$1,633,717	727,999
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	\$2,603,183	2,717,096
			Pacific Whiting	*	*
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$1,111,266	1,772,262

*Species included in "Other".

** PacFIN did not report landings.

***Pacific Whiting landings included in Groundfish landings.

Table 5b. Oregon County landings cont.

AREA	PROCESSOR COUNT	VESSEL COUNT	SPECIES	REVENUE	LANDED POUNDS
Douglas	21	56	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	\$95,158	93,412
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	\$112,777	68,592
			Shellfish	*	*
			Shrimp	*	*
			Other	\$496,912	223,522
Hood River	**	**	**	**	**
Lane	23	65	Crab	\$352,484	145,802
			Coastal Pelagic	**	**
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	*	*
			Salmon	\$245,021	142,142
			Shellfish	**	**
			Shrimp	*	*
			Other	\$327,463	235,030
Lincoln	82	449	Crab	\$5,403,246	2,770,955
			Coastal Pelagic	*	*
			Highly Migratory	\$3,781,646	4,607,290
			Groundfish	\$4,788,753	6,639,331
			Pacific Whiting	\$2,459,507	69,160,733
			Salmon	\$2,590,605	1,680,297
			Shellfish	*	*
			Shrimp	*	*
			Other	\$2,681,837	8,386,707
Multnomah	**	**	**	**	**
Tillamook	46	123	Crab	\$866,551	414,111
			Coastal Pelagic	**	**
			Highly Migratory	*	*
			Groundfish	\$253,568	330,303
			Pacific Whiting	**	**
			Salmon	\$338,110	223,229
			Shellfish	*	*
			Shrimp	*	*
			Other	\$363,301	723,815
Columbia River Ports	54	285	Crab	**	**
			Coastal Pelagic	**	**
			Highly Migratory	**	**
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	\$1,125,372	1,855,600
			Shellfish	**	**
			Shrimp	**	**
			Other	\$450,273	369,554

*Species included in “Other”.

** PacFIN did not report landings.

Table 5c. California County Landings.

AREA	PROCESSOR COUNT	VESSEL COUNT	SPECIES	REVENUE	LANDED POUNDS
Entire Coast	2235	7569	Crab	\$61,732,909	30,600,941
			Coastal Pelagic	\$28,800,910	372,731,404
			Highly Migratory	\$24,204,523	22,765,229
			Groundfish	\$448,699,668	153,136,713
			Pacific Whiting	\$2,459,507	69,160,733
			Salmon	\$14,532,414	24,767,292
			Shellfish	*	*
			Shrimp	\$8,049,833	23,336,189
			Other	\$92,629,499	140,243,441
CA	1508	3818	Crab	\$8,802,143	3747367
			Coastal Pelagic	\$28,800,910	372731404
			Highly Migratory	\$13,327,997	9868589
			Groundfish	\$11,832,921	20485543
			Pacific Whiting	*	*
			Salmon	\$3,181,793	1607288
			Shellfish	*	*
			Shrimp	\$2,180,803	3328760
			Other	\$36,172,653	33010388
Alameda	54	72	Crab	\$79,226	26,316
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	\$39,541	45,376
			Pacific Whiting	**	**
			Salmon	\$39,775	14,384
			Shellfish	**	**
			Shrimp	*	*
			Other	\$205,374	50,159
Contra Costa	**	**	**	**	**
Del Norte	55	171	Crab	\$2,630,014	1,143,576
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	\$2,248,689	7,436,989
			Pacific Whiting	***	***
			Salmon	*	*
			Shellfish	*	*
			Shrimp	\$827,446	2,012,741
			Other	\$484,758	627,114
Humboldt	89	203	Crab	\$1,419,297	564,664
			Coastal Pelagic	*	*
			Highly Migratory	\$760,461	900,080
			Groundfish	*	*
			Pacific Whiting	*	*
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$3,319,714	6,261,659

*Species included in "Other".

** PacFIN did not report landings.

***Pacific Whiting landings included in Groundfish landings.

Table 5c. California County Landings cont.

AREA	PROCESSOR COUNT	VESSEL COUNT	SPECIES	REVENUE	LANDED POUNDS
Los Angeles	196	440	Crab	*	*
			Coastal Pelagic	\$14,890,596	207,000,000
			Highly Migratory	\$8,437,086	5,591,006
			Groundfish	*	*
			Pacific Whiting	*	*
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$6,778,363	5,779,265
Marin	22	128	Crab	*	*
			Coastal Pelagic	\$1,257,317	2,040,339
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	\$384,045	180,795
			Shellfish	**	**
			Shrimp	**	**
			Other	\$1,368,39.8	70,448
Mendocino	96	280	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	\$3,479,059	5,675,036
			Pacific Whiting	***	***
			Salmon	*	*
			Shellfish	**	**
			Shrimp	*	*
			Other	\$4,848,896	4,757,969
Monterey	92	375	Crab	*	*
			Coastal Pelagic	\$3,789,985	58,805,692
			Highly Migratory	*	*
			Groundfish	\$2,083,553	279,114
			Pacific Whiting	***	***
			Salmon	*	*
			Shellfish	**	**
			Shrimp	*	*
			Other	\$2,336,928	1,853,083
Orange	57	86	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	\$169,043	32,919
			Groundfish	\$201,494	107,295
			Pacific Whiting	***	***
			Salmon	**	**
			Shellfish	*	*
			Shrimp	\$297,867	32,875
			Other	\$888,721	327,850

*Species included in "Other".

** PacFIN did not report landings.

***Pacific Whiting landings included in Groundfish landings.

Table 5c. California County Landings cont.

AREA	PROCESSOR COUNT	VESSEL COUNT	SPECIES	REVENUE	LANDED POUNDS
San Diego	89	186	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	\$1,936,067	1,118,210
			Groundfish		
			Pacific Whiting	**	**
			Salmon	**	**
			Shellfish	**	**
			Shrimp	*	*
			Other	\$3,724,253	1,719,724
San Francisco	88	313	Crab	\$1,514,748	594,058
			Coastal Pelagic	\$1,552,958	3,311,450
			Highly Migratory	**	**
			Groundfish	\$1,333,547	1,971,400
			Pacific Whiting	**	**
			Salmon	\$749,071	385,678
			Shellfish	*	*
			Shrimp	*	*
			Other	\$853,281	304,696
San Joaquin	**	**	**	**	**
San Luis Obispo	102	313	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	\$1,948,165	2,153,805
			Groundfish	\$1,569,220	1,084,981
			Pacific Whiting	***	***
			Salmon	*	*
			Shellfish	**	**
			Shrimp	\$755,189	325,435
			Other	\$564,606	471,362
San Mateo	110	273	Crab	\$1,328,555	488,276
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	\$800,351	1,294,807
			Pacific Whiting	***	***
			Salmon	\$538,877	264,116
			Shellfish	*	*
			Shrimp	*	*
			Other	\$477,308	861,216
Santa Barbara	107	215	Crab	\$672,652	520,417
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$4,718,230	4,747,593

*Species included in "Other". ** PacFIN did not report landings.

***Pacific Whiting landings included in Groundfish landings.

Table 5c. California County Landings cont.

AREA	PROCESSOR COUNT	VESSEL COUNT	SPECIES	REVENUE	LANDED POUNDS
Santa Cruz	47	145	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	\$77,165	72,569
			Groundfish	\$77,464	78,519
			Pacific Whiting	***	***
			Salmon	\$221,677	107,372
			Shellfish	**	**
			Shrimp	*	*
			Other	\$161,526	111,559
Solano	**	**	**	**	**
Sonoma	88	302	Crab	\$1,064,980	378,667
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	*	*
			Salmon	\$1,120,014	597,545
			Shellfish	**	**
			Shrimp	*	*
			Other	\$952,839	1,154,844
Ventura	147	216	Crab	*	*
			Coastal Pelagic	\$7,310,053	101,875,864
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	*	*
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$514,560	2,895,517
Other Central CA Counties (Sonoma- Monterey)	68	122	Crab	\$92,671	31,393
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	\$128,333	57,398
			Shellfish	**	**
			Shrimp	\$300,300	957,709
			Other	\$374,466	726,570
Other Santa Barbara and Ventura Ports	4	5	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	**	**
			Shellfish	**	**
			Shrimp	*	*
			Other	\$1,947	2,119

*Species included in "Other". ** PacFIN did not report landings.

***Pacific Whiting landings included in Groundfish landings.

Table 5c. California County Landings cont.

AREA	PROCESSOR COUNT	VESSEL COUNT	SPECIES	REVENUE	LANDED POUNDS
Other or Unknown CA Ports	7	7	Crab	*	*
			Coastal Pelagic	*	*
			Highly Migratory	*	*
			Groundfish	*	*
			Pacific Whiting	**	**
			Salmon	*	*
			Shellfish	*	*
			Shrimp	*	*
			Other	\$198,957	287,641

*Species included in "Other".

** PacFIN did not report landings.

Table 6a. Percent of gear based on revenue. **Note:** all rows sum to 100%

	Drag	Hook & Line	Miscellaneous	Net	Pot	Shrimp Trawl	Trawl	Troll
Entire Coast (W-O-C)	6.72	10.92	5.63	18.68	28.50	10.58	13.83	5.13
<i>California</i>	0.00	14.72	12.46	32.71	18.11	3.35	11.00	7.66
Alameda	0.00	17.30	0.00	0.00	21.90	43.10	6.50	11.30
Del Norte	0.00	7.13	0.11	2.20	50.38	7.83	28.20	4.14
Humboldt	0.00	18.16	0.05	1.86	25.91	5.96	39.50	8.56
Los Angeles	0.00	24.17	14.82	55.71	4.20	0.68	0.03	0.39
Marin	0.00	0.83	19.56	51.30	6.12	0.00	0.34	21.85
Mendocino	0.00	7.03	36.91	0.07	13.20	1.97	30.36	10.45
Monterey	0.00	14.05	0.00	47.84	5.39	0.98	12.80	18.93
Orange	0.00	15.37	19.08	0.39	65.11	0.05	0.00	0.00
Other CA Ports	0.00	23.28	3.93	38.05	6.59	0.00	27.56	0.58
Other Central CA Counties	0.00	10.18	0.10	30.22	10.63	0.00	34.53	14.34
Other Santa Barbara & Ventura Ports	0.00	37.51	44.31	18.18	0.00	0.00	0.00	0.00
San Diego	0.00	19.31	16.13	23.42	40.94	0.00	0.04	0.17
San Francisco	0.00	12.44	0.77	25.50	25.25	3.22	20.25	12.56
San Luis Obispo	0.00	19.04	0.22	15.89	10.28	15.48	12.40	26.70
San Mateo	0.00	6.13	0.31	2.48	42.68	1.29	28.81	18.31
Santa Barbara	0.00	6.56	37.10	5.71	35.82	8.60	6.12	0.00
Santa Cruz	0.00	12.91	0.00	9.45	8.20	0.10	14.76	54.59
Sonoma	0.00	8.69	10.26	0.02	33.95	2.65	5.95	38.49
Ventura	0.00	6.35	11.96	62.94	12.15	4.38	2.04	0.17
<i>Oregon</i>	0.00	5.41	1.46	4.49	30.80	11.94	28.04	17.86
Clatsop	0.00	3.43	0.01	6.55	34.58	14.25	33.62	7.56
Coos	0.00	3.36	0.33	0.00	24.79	19.44	31.40	20.68
Curry	0.00	27.25	6.32	0.00	31.09	5.55	21.74	8.04
Douglas	0.00	2.29	0.49	0.77	66.74	0.00	0.00	29.71
Lane	0.00	3.49	0.85	0.00	58.92	0.11	1.70	34.93
Lincoln	0.00	3.91	2.28	0.05	28.19	8.92	27.06	29.58
Other Columbia River Ports	0.00	2.79	2.40	94.81	0.00	0.00	0.00	0.00
Tillamook	0.00	4.06	4.63	0.00	50.58	4.88	8.57	27.28
<i>Washington</i>	17.93	10.77	1.55	14.04	37.42	2.39	7.22	8.68
Clallam	30.41	34.36	0.06	5.87	9.60	0.00	11.58	8.12
Grays Harbor	0.02	2.98	0.05	3.54	65.21	8.22	9.71	10.28
Jefferson	48.65	0.00	6.36	10.76	29.88	0.00	4.32	0.03
King	48.66	7.57	0.00	17.01	18.82	1.12	0.44	6.36
Mason	38.71	0.01	15.00	45.01	1.28	0.00	0.00	0.00
Other Columbia River Ports	12.43	1.87	0.00	73.40	12.25	0.00	0.05	0.00
Pacific	0.00	1.05	0.58	11.16	42.40	4.26	2.65	37.90
Pierce	50.46	0.02	2.85	42.33	0.62	0.00	0.00	3.72
Puget Sound Counties	82.72	0.06	2.67	2.85	11.68	0.00	0.02	0.00
San Juan	0.00	0.15	0.00	4.31	95.54	0.00	0.00	0.00
Skagit	0.00	0.04	0.89	12.02	84.69	0.00	2.37	0.00
Snohomish	0.00	9.70	3.79	57.29	28.39	0.00	0.00	0.83
Unknown WA Ports	50.71	17.09	0.33	11.89	19.56	0.00	0.00	0.43
Whatcom	2.65	26.18	1.48	13.21	39.27	0.00	17.20	0.00

Notes: Adapted from 2001 PacFIN landings Data. The category "Misc." includes miscellaneous gear types.

Table 6b. Percent of species based on revenue. **Note:** all rows sum to 100%

	Crab	Coastal Pelagic	Highly Migratory	Groundfish	Pacific Whiting	Salmon	Shellfish	Shrimp	Other
Entire Coast (W-O-C)	24.06	11.22	9.43	9.43	0.96	5.66	-	3.14	36.10
<i>California</i>	8.44	27.61	12.78	11.35	-	3.05	-	2.09	34.68
Alameda	21.77	-	-	10.87	-	10.93	-	-	56.43
Del Norte	42.48	-	-	36.32	-	-	-	13.37	7.83
Humboldt	25.81	-	13.83	-	-	-	-	-	60.36
Los Angeles	-	49.46	28.02	-	-	21.60	-	-	22.51
Marin	-	70.71	-	-	-	-	-	-	7.70
Mendocino	-	-	-	41.78	-	-	-	-	58.22
Monterey	-	46.16	-	25.38	-	-	-	-	28.46
Orange	-	-	10.86	12.94	-	-	-	19.13	57.07
Other CA Ports	-	-	-	-	-	-	-	-	100.00
Other Central CA Counties	10.35	-	-	-	-	14.33	-	33.52	41.80
Other Santa Barbara & Ventura Ports	-	-	-	-	-	-	-	-	100.00
San Diego	-	-	34.20	-	-	-	-	-	65.80
San Francisco	25.23	25.87	-	22.21	-	12.48	-	-	14.21
San Luis Obispo	-	-	40.27	32.44	-	-	-	15.61	11.67
San Mateo	42.24	-	25.45	-	-	17.13	-	-	15.18
Santa Barbara	12.48	-	-	-	-	-	-	-	87.52
Santa Cruz	-	-	14.35	14.40	-	41.22	-	-	30.03
Sonoma	33.94	-	-	-	-	35.69	-	-	30.37
Ventura	-	58.69	-	-	-	-	-	-	41.31
<i>Oregon</i>	27.38	-	8.02	31.54	3.56	6.39	-	8.43	14.68
Clatsop	33.56	-	-	37.66	-	-	-	13.90	14.89
Coos	19.70	-	13.13	39.32	-	-	-	19.29	8.58
Curry	30.55	-	-	48.67	-	-	-	-	20.78
Douglas	-	-	13.50	-	-	16.00	-	-	70.50
Lane	38.11	-	-	-	-	26.49	-	-	35.40
Lincoln	24.89	-	17.42	22.06	11.33	11.94	-	-	12.36
Other Columbia River Ports	-	-	-	-	-	71.42	-	-	28.58
Tillamook	47.57	-	-	13.92	-	18.56	-	-	19.94
<i>Washington</i>	32.74	-	5.14	10.83	-	6.68	-	0.04	44.58
Clallam	-	-	-	38.51	-	12.93	-	-	48.55
Grays Harbor	63.64	-	-	12.87	-	-	-	-	23.49
Jefferson	-	-	-	-	-	-	-	-	100.00
King	17.46	-	-	-	-	13.94	-	-	68.60
Mason	-	-	-	-	-	-	-	-	100.00
Other Columbia River Ports	-	-	-	-	-	55.84	-	-	44.16
Pacific	42.30	-	37.49	-	-	-	-	-	20.21
Pierce	-	-	-	-	-	-	-	-	100.00
Puget Sound Counties	-	-	-	-	-	-	-	-	100.00
San Juan	67.79	-	-	-	-	-	-	27.75	4.46
Skagit	82.59	-	-	-	-	-	-	-	17.41
Snohomish	-	-	-	-	-	58.12	-	-	41.88
Unknown WA Ports	-	-	-	-	-	11.33	-	-	88.67
Whatcom	38.01	-	-	24.11	-	10.61	-	-	27.27

Notes: Adapted from 2001 PacFIN landings Data. Contains same masking of confidential species as in tables 7a-7c.

Table 7a. Permit owner's place of boat registration versus landed city in Washington.

LANDED CITY/PORT	TOTAL # OF CITIES	INCLUDES PORT OF LANDING	PLACE OF BOAT REGISTRATION
Neah Bay	9	Yes	Blaine, Ferndale, Fir Crest, Mount Vernon, Neah Bay, Port Angeles, Port Townsend, Seattle, Sequim
Port Angeles	32	Yes	Bellingham, Blaine, Brinnon, Carlsborg, Chehalis, Curtis, Edmonds, Elma, Ferndale, Forks, Friday Harbor, Gig Harbor, Greenbank, Inchelium, Issaquah, Ketchikan, Kirkland, La Push, Lopez, Lynnwood, Neah Bay, Olympia, Port Angeles, Poulsbo, Puyallup, Quilcene, Redmond, Renton, Seattle, Sequim, Suquamish, Westport
Sequim	5	No	Anacortes, Bellingham, Lynden, Port Angeles, Seattle
Copalis Beach	10	No	Blaine, Everett, Fox Island, Gig Harbor, Ketchikan, Kirkland, Ocean Shores, Port Orchard, Seattle, Tacoma
Grays Harbor	13	No	Aberdeen, Astoria, Blaine, Englewood, Eureka, Fort Bragg, Grayland, Hoquiam, Shelton, South Beach, Westport, Woodinville, Yakima
La Push	9	Yes	Anacortes, Bellingham, Chehalis, Forks, Hoquiam, Ketchikan, La Push, Olympia, Port Angeles,
Westport	87	Yes	Aberdeen, Anacortes, Arlington, Arroyo Grande, Astoria, Bakersfield, Bay Center, Bellingham, Bend, Blaine, Bothell, Brookings, Camano Island, Camarillo, Cathlamet, Chandler, Charleston, Chehalis, Chinook, Cordova, Curtis, Dallas, Des Moines, Edmonds, El Cajón, Elma, Englewood, Eureka, Everett, Ferndale, Fort Bragg, Friday Harbor, Gig Harbor, Grayland, Harbor, Homer, Hoquiam, Ilwaco, Jamul, Kirkland, La Push, Langley, Long Beach, Longview, Marina, Mercer Island, Morro Bay, Mount Vernon, Nahcotta, Naselle, National, Ocean Park, Ocean Shores, Olympia, Orting, Oysterville, Oxnard, Pebble Beach, Port Townsend, Poulsbo, Quilcene, Raymond, Reno, Renton, Salton City, San Diego, Santa Barbara, Santee, Seattle, Seaview, Sequim, Shelton, Siletz, Snohomish, South Beach, Staten Island, Tacoma, Tahola, Tokeland, Tualatin, Warrenton, Westport, Woodburn, Woodinville, Yakima
Port Townsend	17	Yes	Anacortes, Beaver, Bellingham, Cathlamet, Chimacum, Chinook, Friday Harbor, Olympia, Port Angeles, Port Hadlock, Port Orchard, Port Townsend, Poulsbo, Seattle, Sequim, Tacoma, Woodway
Seattle	60	Yes	Aberdeen, Anacortes, Anchorage, Bainbridge, Beaver, Bellingham, Blaine, Brinnon, Carlsborg, Chandler, Conconully, Concrete, Cordova, Curtis, Edmonds, Eureka, Ferndale, Friday Harbor, Gig Harbor, Gold Beach, Grayland, Greenbank, Haleiwa, Homer, Hoquiam, Kenmore, Ketchikan, Kingston, Kirkland, Lakewood, Long Beach, Lopez, Lummi Island, Lynnwood, Marysville, Mount Vernon, Ocean Shores, Olympia, Port Angeles, Port Hadlock, Redmond, Reno, Renton, Seattle, Sedro Wolley, Shoreline, Sitka, Snohomish, South Beach, Stuart Island, Suquamish, Tacoma, The Dalles, Tokeland, Toledo, Vail, Vashon, Westport, Woodinville
Shelton	0	No	No city recorded

Table 7a. Permit owner's place of boat registration versus Landed city in WA cont.

LANDED CITY/PORT	TOTAL # OF CITIES	INCLUDES PORT OF	PLACE OF BOAT REGISTRATION
Ilwaco/ Chinook	101	Yes	Aberdeen, Anacortes, Anchorage, Aptos, Astoria, Atascadero, Bainbridge, Bandon, Bay Center, Bayside, Bellingham, Bodega Bay, Boring, Cambria, Campbell, Castlero, Castro Valley, Cathlamet, Charleston, Chinook, Crescent, Curtis, Dallas, Durango, Edmonds, Enumclaw, Eureka, Ferndale, Flagstaff, Fort Bragg, Garibaldi, Gearheart, Gig Harbor, Girdwood, Grants Pass, Grayland, Haines, Halibut, Harbor, Honolulu, Ilwaco, Incline, Juneau, Kenmore, La Center, Logsden, Loleta, Long Beach, Longview, Los Angeles, Los Osos, Lummi Island, Lynnwood, Marina, Mckinleyville, Moss Landing, Nahcotta, Naselle, Nehalem, Newport, Ocean Park, Olympia, Oysterville, Otter Rock, Pebble Beach, Petaluma, Port Townsend, Portland, Poulsbo, Quilcene, Raymond, Redding, Reedsport, Roseburg, Roy, Salinas, San Diego, San Pedro, Santa Maria, Seattle, Seaview, Sedro Wolley, Sequim, Shelter, Shelton, Shoreline, Siletz, Sitka, Skamokawa, Snohomish, Sublimity, Tacoma, Tarzana, Toledo, Tualatin, Vancouver, Warrenton, Westport
Willapa Bay	24	No	Aberdeen, Bay Center, Bellingham, Cathlamet, Chinook, Cordova, Cosmopolis, Des Moines, Forks, Gearhart, Grayland, Hoquiam, Long Beach, Nahcotta, Naselle, Newport, Ocean Park, Raymond, Salem, Seattle, Seaview, South Beach, Tokeland, Westport
Tacoma	16	Yes	Anacortes, Beaver, Bellingham, Blaine, Brinnon, Conconully, Fox Island, Gig Harbor, Port Angeles, Port Hadlock, Port Orchard, San Diego, Seattle, Tacoma, The Dalles, Westport
Friday Harbor	3	Yes	Brinnon, Fox Island, Friday Harbor
Anacortes	28	Yes	Anacortes, Bellingham, Blaine, Bonney Lake, Brinnon, Burlington, Camano Island, Chimacum, Chinook, Clinton, Everett, Freeland, Friday Harbor, Haleiwa, Juneau, Ketchikan, Langley, Longview, Lopez Island, Lynden, Maple Falls, Mount Vernon, Olympia, San Diego, Seattle, Stanwood, Tacoma, Woodway
La Conner	17	No	Anacortes, Astoria, Bellingham, Blaine, Burlington, Camano Island, Chinook, Curtis, Edmonds, Everett, Ilwaco, Langley, Mount Vernon, Oak Harbor, Ocean Park, Seattle, Snohomish
Everett	27	Yes	Aberdeen, Anacortes, Arlington, Bainbridge, Bellingham, Blaine, Camano, Clinton, Edmonds, Everett, Ferndale, Gig Harbor, Homer, Hoquiam, Langley, Marysville, Mercer Island, Port Angeles, Renton, Seattle, Shelton, Shoreline, Snohomish, Tokeland, Westport, Winthrop, Woodinville
Olympia	1	No	Westport
Blaine	42	Yes	Aberdeen, Anacortes, Arlington, Beaver, Bellevue, Bellingham, Blaine, Bonney Lake, Brinnon, Burlington, Camano Island, Cathlamet, Clinton, Custer, Everett, Ferndale, Fir Crest, Freeland, Haleiwa, Homer, Hoquiam, Ketchikan, Kirkland, Langley, Lopez, Lynden, Maple, Marysville, Mount Vernon, Neah Bay, Olympia, Port Angeles, Port Hadlock, Port Orchard, Port Townsend, San Diego, Seattle, Snohomish, Sumlimity, Tokeland, Westport, Woodway
Bellingham	58	Yes	Aberdeen, Anacortes, Anchorage, Astoria, Bainbridge, Belfair, Bellingham, Blaine, Brookings, Burlington, Chandler, Chehalis, Chimacum, Clinton, Cordova, Custer, Dallas, Edmonds, Ellensburg, Elma, Eureka, Everett, Fall City, Ferndale, Fir Crest, Fort Bragg, Fox Island, Friday Harbor, Gig Harbor, Harbor, Hoquiam, Juneau, Kenmore, Ketchikan, Kirkland, Kodiak, Lake Forest, Langley, Longview, Lopez, Lummi Island, Lynden, Lynnwood, Marysville, Mill Creek, Mount Vernon, Neah Bay, North Beach, Oak Harbor, Ocean Shores, Olympia, Port Angeles, Port Townsend, Poulsbo, Pt. Robe, Reedsport, Reno, Samish Island, San Diego, Seattle, Sequim, Snohomish, Sublimity, Suquamish, Tacoma, The Dalles, Tokeland, Vail, Vashon, Warrenton, Wauna, Westport, Woodinville, Woodway

Table 7b. Permit owner's place of boat registration versus landed city in Oregon.

LANDED CITY/PORT	TOTAL # OF CITIES	INCLUDES PORT OF LANDING	PLACE OF BOAT REGISTRATION
Astoria	74	Yes	Allegany, Anacortes, Astoria, Atascadero, Bay City, Bellingham, Bend, Blaine, Boring, Brookings, Cathlamet, Charleston, Chehalis, Chinook, Coos Bay, Crescent City, Dallas, Edmonds, Ephrata, Eureka, Everson, Fort Bragg, Garibaldi, Gearhart, Gig Harbor, Gleneden Beach, Gold Beach, Grayland, Hammond, Homer, Ilwaco, Juneau, Kent, Kodiak, La Center, La Honda, Lake Oswego, Long Beach, Lummi Island, Mapleton, Marysville, Mount Vernon, Myrtle Point, Nahcotta, Newport, Ocean Park, Prunedale, Rancho Palos Verdes, Raymond, Salem, San Francisco, San Martin, Seaside, Seaview, Seattle, Sebastopol, Sequim, Shawnigan Lake BC, Shoreline, Siletz, South Beach, South Bend, Sublimity, Toledo, Vancouver, Vashon Island, Ventura, Warrenton, West Linn, Westport, Woodburn, Woodinville
Cannon Beach	0	No	No City Recorded
Gearhart/ Seaside	0	No	No City Recorded
Bandon	7		Bandon, Coos Bay, Gold Beach, Lopez, Port Orford, Rio Dell
Coos Bay	90		Atascadero, Auburn, Bandon, Birkenfeld, Bodega Bay, Brookings, Capitola, Cathlamet, Cave Junction, Charleston, Chula Vista, Coos Bay, Coquella, Cottage Grove, Crescent City, Cylinder, Dallas, Dillon Beach, Edmonds, El Segundo, Eugene, Eureka, Florence, Fort Bragg, Fortuna, Fremont, Gold Beach, Gold Hill, Goldendale, Grants Pass, Grayland, Harbor, Hibbing, Ilwaco, Kirkland, Kneeland, Kuna, Lake Oswego, Lakeside, Logsdan, Lopez, Mapleton, McKinleyville, Medford, Monroe, Morro Bay, Moss Landing, Myrtle Creek, Myrtle Point, Newport, North Bend, Otter Rock, Oxnard, Philomath, Pismo Beach, Pistol River, Port Orford, Portland, Prunedale, Rathdrum, Redwood City, Reedsport, Rio Dell, Roseburg, San Diego, San Francisco, San Rafael, Santa Rosa, Scotts Valley, Scottsburg, Seattle, Sequim, Shawnigan Lake BC, Sitka, South Beach, Springfield, Toledo, Vancouver, Watsonville, Westlake, Westport, Winchester Bay, Woodinville, Yachats
Brookings	18		Arnold, Atascadero, Bandon, Brookings, Cave Junction, Crescent City, Fort Bragg, Gold Beach, Gold Hill, Harbor, Klamath Falls, Manchester, Newport, Ophir, Portland, Prospect, Roseburg, San Francisco
Gold Beach	9		Arnold, Brookings, Crescent City, Gold Beach, Harbor, Lopez, Millbrae, Ophir, Pistol River
Port Orford	14		Bandon, Brookings, Charleston, Coos Bay, Gold Beach, Langlois, Lopez, Mendocino, Millbrae, Port Orford, Roseburg, Round Mountain, Shady Cove
Winchester	20	Yes	Bandon, Brookings, Coos Bay, Cottage Grove, Cylinder, Drain, Elkton, Eugene, Glide, Goldendale, Lakeside, Leaburg, North Bend, Philomath, Rathdrum, Reedsport, Springfield, Westlake, Winchester Bay, Yoncalla
Florence	30	Yes	Albany, Auburn, Brookings, Chinook, Coos Bay, Cottage Grove, Eugene, Florence, Hailey, Harbor, La Honda, Leaburg, Mapleton, Monroe, Newport, North Bend, Petaluma, Philomath, Port Orford, Port Townsend, Sixes, Springfield, Tacoma, Toledo, Umatilla, Veneta, Westlake, Westport, Winchester Bay, Yoncalla
Depoe Bay	8	Yes	Arnold, Clatskanie, Depoe Bay, Mendocino, Redwood City, Roseburg, South Beach, Tillamook

Table 7b. Permit owner's place of boat registration versus landed city in OR cont.

LANDED CITY/PORT	TOTAL # OF CITIES	INCLUDES PORT OF LANDING	PLACE OF BOAT REGISTRATION
Newport	151	Yes	Aberdeen, Albany, Anacortes, Aptos, Arcata, Arnold, Arroyo Grande, Astoria, Atascadero, Bandon, Bay City, Bend, Blaine, Blodgett, Bodega Bay, Brookings, Camano Island, Canyon Country, Capitola, Carnation, Carpinteria, Cathlamet, Cave Junction, Charleston, Chinook, Chula Vista, Clinton, Cloverdale, Coos Bay, Coquille, Corvallis, Cosmopolis, Cottage Grove, Crescent City, Dallas, Depoe Bay, Drain, Edmonds, El Segundo, Eugene, Eureka, Federal Way, Florence, Fort Bragg, Fortuna, Fremont, Garibaldi, Gig Harbor, Goleta, Grants Pass, Grayland, Grays River, Harbor, Ilwaco, Incline Village, Junction City, La Honda, La Mesa, Lakewood, Lincoln City, Logsdan, Long Beach, Lummi Island, Mapleton, Marysville, Mendocino, Monroe, Morro Bay, Moss Landing, Nehalem, Newberg, Newport, North Bend, Norwalk, Oak Harbor, Ocean Park, Olympia, Ophir, Otter Rock, Oxnard, Pacific City, Pebble Beach, Philomath, Pistol River, Port Angeles, Port Hadlock, Port Orchard, Port Orford, Port Townsend, Portland, Poulsbo, Princeton, Prunedale, Quilcene, Raymond, Redcrest, Redwood City, Reedsport, Reno, Rockaway, Roseburg, Rufus, Salem, Salinas, San Diego, San Francisco, San Rafael, Santa Barbara, Santa Cruz, Santa Rosa, Scotts Valley, Seal Rock, Seaside, Seattle, Sequim, Shelton, Sheridan, Shoreline, Siletz, Sitka, Sixes, Snohomish, South Beach, Springfield, Tacoma, Tillamook, Toledo, Tualatin, Turner, Valley Ford, Vancouver, Ventura, Waldport, Westlake, Winchester Bay, Yachats, Yakima
Siletz	0	No	No City Recorded
Waldport	30	No	Albany, Auburn, Brookings, Chinook, Coos Bay, Cottage Grove, Eugene, Florence, Hailey, Harbor, La Honda, Leaburg, Mapleton, Monroe, Newport, North Bend, Petaluma, Philomath, Port Orford, Port Townsend, Sixes, Springfield, Tacoma, Toledo, Umatilla, Veneta, Westlake, Westport, Winchester Bay, Yoncalla
Nehalem	1	No	Rockaway
Netarts	0	No	No City Recorded
Tillamook/Garibaldi	29	Yes	Arnold, Bay City, Beaver, Brookings, Corvallis, Everson, Garibaldi, Grayland, Gresham, Hammond, Hoquiam, Ilwaco, La Center, Lakewood, Long Beach, Nahcotta, Nehalem, Oceanside, Quilcene, Raymond, Rockaway, Salem, Santa Cruz, Seaside, Seattle, Tillamook, Tualatin, Westport
Pacific City	0	No	No City Recorded

Table 7c. Permit owner's place of boat registration versus landed city in California.

LANDED CITY/PORT	TOTAL # OF CITIES	INCLUDES PORT OF LANDING	PLACE OF BOAT REGISTRATION
Alameda	12	Yes	Alameda, Arroyo Grande, Bodega Bay, Charleston, Los Osos, Napa, Oakland, Petaluma, Rodeo, San Francisco, Santa Rosa, Woodland
Berkeley	24	Yes	Berkeley, Bodega Bay, Capitola, Crescent City, El Cerrito, El Granada, El Sobrante, Fairfield, Fremont, Half Moon Bay, Mount Shasta, Pacifica, Paso Robles, Richmond, Sacramento, San Francisco, San Jose, San Leandro, San Mateo, San Pablo, Scotts Valley, Union City, Whitethorn, Yamhill
Oakland	3	Yes	Arroyo Grande, Oakland
Richmond	9	Yes	Albany, Bolinas, El Cerrito, Novato, Pinole, Point Richmond, Rodeo, San Francisco, Yamhill
Crescent City	43	Yes	Arcata, Arroyo Grande, Astoria, Atascadero, Bandon, Bodega Bay, Brookings, Carson City, Cave Junction, Chico, Coos Bay, Crescent City, Eureka, Fields Landing, Folsom, Fort Bragg, Fort Dick, Fortuna, Gasquet, Gold Beach, Hammond, Harbor, Klamath, Kneeland, Kuna, McKinleyville, Medford, Milford, Morro Bay, Newport, Princeton, Prunedale, Reno, Roseburg, San Francisco, Santa Cruz, Shawnigan Lake BC, Shoreline, Warrenton, Westport, Wheatland, Whittier
Eureka	53	Yes	Arcata, Arroyo Grande, Astoria, Atascadero, Bakersfield, Bayside, Brookings, Carlotta, Castro Balley, Coos Bay, Crescent City, Dillon Beach, El Granada, Eureka, Fairhaven, Ferndale, Fieldbrook, Fields Landing, Fort Bragg, Fortuna, Garberville, Gasquet, Gold Hill, Grants Pass, Greenbrae, Harbor, Kneeland, Lodi, Los Osos, McKinleyville, Mendocino, Newport, Ocean Park, Oxnard, Point Arena, Port Townsend, Portland, Redcrest, Redway, Rio De Il, Salton City, Samoa, San Diego, San Francisco, Santa Barbara, Santa Rosa, Siletz, Trinidad, Warrenton, Watsonville, Westport, Whitethorn, Willow Creek
Trinidad	9	Yes	Arcata, Eureka, Fort Bragg, Fortuna, McKinleyville, Redwood Valley, Trinidad, Willow Creek
Long Beach	28	Yes	Bakersfield, Balboa, Canyon Country Park, Downey, Gardena, Honolulu, Huntington Beach, Joshua Tree, La Habra, Lakewood, Long Beach, Los Alamitos, Marina, Norwalk, Oxnard, Pearl City, Rancho Palos Verdes, San Jose, San Pedro, Santa Ana, Santa Barbara, South Gate, Vista, Waipahu, Westminster, Whittier, Wilmington

Table 7c. Permit owner's place of boat registration versus landed city in CA cont.

LANDED CITY/PORT	TOTAL # OF CITIES	INCLUDES PORT OF LANDING	PLACE OF BOAT REGISTRATION
San Pedro	75	Yes	Alpine, Anaheim, Arroyo Grande, Atascadero, Avalon, Bakersfield, Balboa, Bodega Bay, Buena Park, Campbell, Canyon Country Park, Carmel, Chula Vista, Clearwater, Costa Mesa, El Segundo, Everett, Forestville, Fountain Valley, Garden Grove, Gardena, Gig Harbor, Goleta, Harbor City, Honolulu, Huntington Beach, Irvine, Joshua Tree, Ketchum, Kingston, La Mesa, La Mirada, Laguna Niguel, Lake Forest, Lakewood, Lomita, Lompoc, Long Beach, Los Alamitos, Malibu, Manhattan Beach, Marina Del Rey, Monterey, Hollywood, New Orleans, Newport, Nipomo, Norwalk, Ojai, Oxnard, Perris, Port Hueneme, Rancho Cucamonga, Rancho Dominguez, Rancho Palos Verdes, Redding, Redondo Beach, San Clemente, San Diego, San Pedro, Santa Ana, Santa Barbara, Santa Monica, Santa Ynez, Seal Beach, South Gate, Spring Valley, Stanwood, Templeton, Torrance, Tustin, Ventura, Warrenton, Westminster, Wilmington
Terminal Island	77	Yes	Anaheim, Arroyo Grande, Avalon, Bellflower, Bodega Bay, Bradley, Canyon Country Park, Chula Vista, Costa Mesa, Dana Point, Downey, El Cajon, Fountain Valley, Garden Grove, Gardena, Geyserville, Gig Harbor, Goleta, Harbor, City, Hawthorne, Hermosa Beach, Honolulu, Huntington Beach, Ione, Irvine, Jamul, Joshua Tree, Ketchikan, La Mesa, La Mirada, Laguna Beach, Laguna Niguel, Lakeside, Long Beach, Los Alamitos, Los Angeles, Los Osos, Malibu, Manhattan Beach, Marina, National City, New Orleans, Newberry Park, Norwal, Ojai, Oxnard, Paramount, Pearl City, Pensacola, Perris, Port Hueneme, Portland, Rancho Cucamonga, Rancho Palos Verdes, Redondo Beach, Salinas, San Bernardino, San Diego, San Jose, San Pedro, Santa Barbara, Santa Monica, Santa Ynez, Seal Beach, Seattle, Signal Hill, Siletz, Tarzana, Templeton, Terminal Island, Torrance, Ventura, Vista, Waipahu, Westminster, Whittier, Wilmington
Willmington	4	Yes	Anaheim, Long Beach, Santa Barbara, Wilmington
Point Reyes	13	Yes	Bodega Bay, Dixon, Monterey, Morro Bay, Paso Robles, Petaluma, Point Reyes, Rancho Santa Fe, San Francisco, San Leandro, San Rafael, Santa Cruz, Sonoma
Sausalito	49	Yes	Albion, Bay Point, Bellingham, Berkeley, Bodega Bay, Bolinas, Brookings, Charleston, Corte Madera, Crescent City, El Sobrante, Eureka, Fairfax, Ferndale, Fieldbrook, Florence, Fort Bragg, Fremont, Grass Valley, Hollister, Jenner, Lodi, Logsden, McKinleyville, Mendocino, Middletown, Monterey, Moss Landing, Mount Vernon, Pebble Beach, Petaluma, Port Townsend, Redcrest, Redway, Richmond, San Francisco, San Jose, San Pedro, San Rafael, Santa Clara, Santa Rosa, Sausalito, Sebastopol, Sedro Woolley, Tiburon, Vallejo, Watsonville, Willits, Winchester Bay, Woodland
Tomales Bay	2	No	Chino, San Francisco
Albion	11	Yes	Albion, Boonville, Caspar, Clear Lake, Elk, Eureka, Fallbrook, Forest Ranch, Fort Bragg, McKinleyville, Mendocino, Point Arena
Point Arena	18	Yes	Albion, Annapolis, Chico, Elk, Forest Ranch, Fort Bragg, Garberville, Gualala, Jenner, Manchester, McKinleyville, Mendocino, North Hollywood, Point Arena, Redwood City, Santa Barbara, Sebastopol, Whitethorn

Table 7c. Permit owner's place of boat registration versus landed city in CA cont.

LANDED CITY/PORT	TOTAL # OF CITIES	INCLUDES PORT OF LANDING	PLACE OF BOAT REGISTRATION
Fort Bragg	65	Yes	Albion, Annapolis, Arcata, Atascadero, Bodega Bay, Boonville, Brookings, Carlotta, Caspar, Castro Valley, Cathlamet, Cave Junction, Chico, Citrus Heights, Concord, Crescent City, Descanso, Dillon Beach, Dublin, Eureka, Fallbrook, Fort Bragg, Garberville, Gold Hill, Greenbrae, Grover Beach, Harbor, Kelseyville, Lincoln, Lodi, Loleta, McKinleyville, Mendocino, Monterey, Morro Bay, Moss Landing, North Hollywood, Oxnard, Petaluma, Philo, Piercy, Point Arena, Portland, Redway, Redwood City, Redwood Valley, Rescue, Rio Dell, Sacramento, San Diego, San Francisco, San Rafael, Santa Barbara, Santa Cruz, Sebastopol, Sonoma, Soquel, Trinidad, Westport, Wheatland, Whitethorn, Willits
Fields Landing	13	Yes	Albion, Arcata, Bayside, Crescent City, Eureka, Fields Landing, Fort Bragg, Fortuna, Kneeland, Lake Oswego, McKinleyville, Point Arena, Trinidad
Monterey	28	Yes	Anacortes, Aromas, Ben Lomond, Big Sur, Carmel, Del Rey Oaks, Fresno, Grover Beach, Hollister, Kingston, Marina, Montara, Monterey, Morro Bay, Moss Landing, Ojai, Oxnard, Pacific Grove, Paso Robles, Pebble Beach, Prunedale, Salinas, San Miguel, Santa Barbara, Santa Maria, Seaside, Seattle, Soledad
Moss Landing	99	Yes	Alameda, Albion, Anacortes, Aptos, Aromas, Arroyo Grande, Astoria, Atascadero, Auberry, Bakersfield, Ben Lomond, Big Sur, Bodega Bay, Brookings, Campbell, Carmel, Castro Valley, Cave Junction, Charleston, Chehalis, Chula Vista, Concord, Corning, Crescent City, Del Rey Oaks, Dublin, El Granada, Elkhorn, Eureka, Felton, Foresthill, Fort Bragg, Fresno, Gilroy, Grants Pass, Grass Valley, Greenbrae, Grover Beach, Gualala, Half Moon Bay, Hollister, Honolulu, Kingston, La Selva Beach, Livermore, Lodi, Long Beach, Los Angeles, Los Osos, Marina, McKinleyville, Modesto, Monterey, Morgan Hill, Morro Bay, Moss Landing, National City, Newport, Nipomo, Novato, Oakhurst, Ojai, Olympia, Oxnard, Pacific Grove, Paso Robles, Pebble Beach, Pittsburgh, Pleasanton, Princeton, Rackerby, Rancho Cucamonga, Red Bluff, Rescue, Roy, Sacramento, Salinas, San Diego, San Francisco, San Jose, San Pedro, San Rafael, Santa Barbara, Santa Cruz, Santa Maria, Santee, Scotts Valley, Seaside, Sebastopol, Shoreline, Soledad, Soquel, South Beach, Sunnyvale, Toledo, Watsonville, West Covina
Dana Point	22	Yes	Avalon, Bakersfield, Balboa, Capistrano Beach, Carpenteria, Costa Mesa, Dana Point, Fountain Valley, Goleta, Laguna Beach, Laguna Niguel, Lake Forest, Marina Del Rey, Paramount, Phelan, Redondo Beach, Romoland, San Clemente, San Juan Capistrano, San Marcos, Santa Barbara, Vista
Newport Beach	17	Yes	Arroyo Grande, Bakersfield, Balboa, Costa Mesa, Fountain Valley, Huntington Beach, Laguna Beach, Laguna Niguel, Long Beach, Los Angeles, Newport Beach, San Diego, San Pedro, Santa Rosa, Tustin, Vista, Westminster
Oceanside	24	Yes	Bakersfield, Carlsbad, Carpenteria, Chula Vista, Costa Mesa, Imperial Beach, Incline Village, La Mesa, Lake Forest, Leucadia, Long Beach, National City, Oceanside, Oxnard, Salton City, San Clemente, San Diego, San Marcos, San Pedro, Santa Barbara, Santee, Seattle, Spring Valley, Vista

Table 7c. Permit owner's city place of boat registration versus landed city in CA cont.

LANDED CITY/PORT	TOTAL # OF CITIES	INCLUDES PORT OF LANDING	PLACE OF BOAT REGISTRATION
San Diego	38	Yes	Atascadero, Avalon, Bakersfield, Bellflower, Campbell, Carlsbad, Carpinteria, Chula Vista, Costa Mesa, Dana Point, El Cajon, Escondido, Goleta, Imperial Beach, Incline Village, La Jolla, La Mesa, Laguna Beach, Lakeside, Marina, Monterey, Morro Bay, National City, Oceanside, Paradise, Pebble Beach, Phoenix, Poway, Redondo Beach, San Bernardino, San Diego, Santa Barbara, Santee, Solano Beach, Spring Valley, Tarzana, Ventura, Vista
San Francisco	120	Yes	Alameda, Albion, Antioch, Arroyo Grande, Astoria, Auburn, Bellingham, Belmont, Benicia, Berkeley, Bodega Bay, Bolinas, Boulder Creek, Brentwood, Brookings, Burlington, Castro Valley, Cave Junction, Charleston, Chehalis, Concord, Coos Bay, Corning, Corte Madera, Crescent City, Daly City, Dogtown, Dublin, Edmonds, El Cerrito, El Granada, El Sobrante, Eureka, Fairhaven, Ferndale, Forest Knolls, Fort Bragg, Fremont, Goleta, Grayland, Greenbrae, Gualala, Hollister, La Jolla, La Mesa, Lafayette, Lathrop, Lodi, Los Gatos, Marina, Martinez, McKinleyville, Mendocino, Millbrae, Modesto, Montara, Monterey, Morro Bay, Moss Beach, Myrtle Point, Napa, Newport, Novato, Oakhurst, Oakland, Ocean Park, Paso Robles, Pebble Beach, Pescadero, Petaluma, Pittsburgh, Pleasant Hill, Port Townsend, Portland, Princeton, Prunedale, Rackerby, Rancho Palos Verdes, Redding, Rescue, Richmond, Rio Vista, Roy, San Francisco, Sacramento, Salinas, San Bruno, San Carlos, San Leandro, San Lorenzo, San Mateo, San Pedro, San Rafael, Santa Barbara, Santa Cruz, Santa Maria, Santa Rosa, Sausalito, Seattle, Sebastopol, Sedro Woolley, Soquel, South Beach, Squaw Valley, Stockton, Sunnyvale, Tiburon, Toledo, Union City, Valley Ford, Westport, Willits, Wilton, Windsor, Woodland, Yakima
Avila Beach	41	Yes	Arroyo Grande, Atascadero, Avila Beach, Bakersfield, Bandon, Bellflower, Buena Park, Cambria, Carmel, Grover Beach, Grover City, Hanford, Huntington Beach, Los Osos, Malibu, Monterey, Morro Bay, Nipomo, Oceano, Orcutt, Oxnard, Pacific Grove, Paso Robles, Pine Mountain, Pismo Beach, Port Hueneme, Porterville, Rancho Cucamonga, San Diego, San Francisco, San Luis Obispo, San Pedro, Santa Barbara, Santa Margarita, Santa Maria, Santee, Seal Beach, Taft, Templeton, Ventura, Watsonville
Morro Bay	66	Yes	Albion, Aptos, Arroyo Grande, Astoria, Atascadero, Avalon, Avila Beach, Bakersfield, Bandon, Big Sur, Brookings, Camarillo, Cambria, Campbell, Carmel, Carpinteria, Cayucos, Chula Vista, Coos Bay, Crescent City, El Granada, Fort Bragg, Fresno, Goleta, Grover Beach, Incline Village, Kingston, La Mirada, Lewiston, Livermore, Long Beach, Los Osos, Manhattan Beach, Marina, Monterey, Morro Bay, Newport, Nipomo, Norwalk, Ocean Park, Oxnard, Paso Robles, Pismo Beach, Prunedale, Rancho Cucamonga, San Clemente, San Diego, San Francisco, San Luis Obispo, San Miguel, San Pedro, Santa Barbara, Santa Cruz, Santa Margarita, Santa Maria, Seal Beach, Siletz, Spring Valley, Strathmore, Tarzana, Templeton, Toledo, Ventura, West Sacramento, Westport

Table 7c. Permit owner's city place of boat registration versus landed city in CA cont.

LANDED CITY/PORT	TOTAL # OF CITIES	INCLUDES PORT OF LANDING	PLACE OF BOAT REGISTRATION
Princeton	114	No	Albion, Anacortes, Antioch, Arcata, Arroyo Grande, Bakersfield, Belmont, Bend, Berkeley, Bodega Bay, Brookings, Brownsville, Burlingame, Capitola, Carlotta, Cathlamet, Ceres, Charleston, Citrus Heights, Clear Lake, Concord, Coos Bay, Corte Madera, Crescent City, Cupertino, Descanso, Dillon Beach, El Branada, El Cerrito, El Granada, El Sobrante, Elverta, Eureka, Fir Oaks, Fairfield, Fairhaven, Florence, Forestville, Fort Bragg, Fortuna, Freedom, Fremont, Grants Pass, Grayland, Greenwood, Gualala, Guerneville, Half Moon Bay, Harbor, Hayward, Hollister, Jenner, La Honda, Livermore, Los Altos, Los Osos, Manteca, Marina, McKinleyville, Mendocino, Menlo Park, Montara, Monterey, Morro Bay, Moss Beach, Moss Landing, Norwalk, Novato, Oakhurst, Ophir, Oxnard, Pacifica, Paso Robles, Pebble Beach, Pescadero, Petaluma, Pinole, Pleasant Hill, Rancho Cordova, Redcrest, Redding, Redwood City, Richmond, Rocklin, Roy, San Francisco, Sacramento, Salinas, San Bruno, San Jose, San Leandro, San Lorenzo, San Mateo, San Rafael, Santa Cruz, Santa Rosa, Sausalito, Scotts Valley, Seaside, Sebastopol, Shingle Springs, Soquel, Spring Valley, Tiburon, Trinidad, Union City, Valley Ford, Walnut Creek, Waterford, Westport, Winchester Bay, Woodland, Yakima, Yuba City
Santa Barbara			Albion, Atascadero, Avalon, Bandon, Big Sur, Bodega Bay, Buellton, Camarillo, Cambria, Canyon Country, Carpinteria, Caspar, Cayucos, Everett, Garden Grove, Goleta, Grover Beach, Joshua Tree, Kingston, Laguna Niguel, Long Beach, Los Osos, Marina, McKittrick, Montecito, Monterey, Morro Bay, Moss Landing, Newbury Park, Oak View, Oceano, Ojai, Oxnard, Pebble Beach, Port Hueneme, Reseda, San Diego, San Jose, San Luis Obispo, San Pedro, Santa Barbara, Santa Cruz, Santa Maria, Santa Yenz, Simi Valley, Summerland, Tarzana, Templeton, Ventura
Santa Cruz	61	Yes	Alameda, Anacortes, Aptos, Ben Lomond, Berkeley, Bodega Bay, Brookings, Burlingame, Campbell, Capitola, Carlotta, Carmel, Concord, Corning, Corralitos, Crescent City, Descanso, Dublin, El Granada, Eureka, Fort Bragg, Fresno, Gilroy, Gold Hill, Grants Pass, Grass Valley, Half Moon Bay, Harbor, Hollister, La Selva Beach, Lafayette, Lodi, Los Osos, Marina, McKinleyville, Modesto, Monterey, Moss Landing, Nipomo, Oxnard, Paso Robles, Placerville, Pomona, Prunedale, Rancho Mirage, Roy, Sacramento, Salinas, San Francisco, San Jose, Santa Barbara, Santa Cruz, Santa Maria, Scotts Valley, Seaside, Sebastopol, Soquel, Tiburon, Trinidad, Watsonville, Yachats

Table 7c. Permit owner's city place of boat registration versus landed city in CA cont.

LANDED CITY/PORT	TOTAL # OF CITIES	INCLUDES PORT OF LANDING	PLACE OF BOAT REGISTRATION
Bodega Bay	125	Yes	Alameda, Albion, Arroyo Grande, Astoria, Auburn, Bakersfield, Bandon, Bayside, Berkeley, Berry Creek, Bodega Bay, Bolinas, Brookings, Carmichael, Cathlamet, Cazadero, Charleston, Citrus Heights, Clear Lake, Concord, Corning, Crescent City, Davis, Dillon Beach, Douglas City, Dublin, El Cerrito, Elverta, Eureka, Fair Oaks, Fairfield, Fairhaven, Federal Way, Forestville, Fort Bragg, Fortuna, Fremont, Fiant, Geyserville, Grass Valley, Grayland, Greenbrae, Greenwood, Grover Beach, Gualala, Guerneville, Half Moon Bay, Healdsburg, Hercules, Jenner, Kuna, La Selva Beach, Lafayette, Lodi, Los Molinos, Los Osos, McKinleyville, Mendocino, Millbrae, Modesto, Montara, Monterey, Morro Bay, Moss Landing, Mount Shasta, Napa, Nipomo, Novato, Oakhurst, Oakland, Orangevale, Oroville, Oxnard, Pacific Grove, Pacifica, Paso Robles, Penngrove, Petaluma, Philo, Pittsburgh, Placerville, Pleasant Grove, Pleasant Hill, Point Arena, Point Reyes, Prunedale, Rackerby, Redcrest, Redding, Redway, Redwood City, Reno, Rescue, Richmond, Rocklin, Rodeo, Roy, Sacramento, Salinas, San Diego, San Francisco, San Jose, San Leandro, San Luis Obispo, San Rafael, Santa Barbara, Santa Cruz, Santa Rosa, Sausalito, Sebastopol, Shingle Springs, Sonoma, Soquel, Stockton, Sunnyvale, Tiburon, Ukiah, Verde, Wallace, Walnut Creek, Watsonville, Westport, Wilton, Woodland, Yountville
Port Hueneme	31	Yes	Anacortes, Bellingham, Camarillo, Del Rey Oaks, Edmonds, Ferndale, Gig Harbor, Ketchikan, Kirkland, Malibu, Maple Falls, Monterey, Mount Vernon, Ojai, Olympia, Oxnard, Port Hueneme, Portland, Rancho Palos Verdes, Reno, Salinas, San Diego, San Pedro, Santa Barbara, Seattle, Siletz, Stanwood, Ventura, Wauconda, Wilmington, Woodway
Oxnard	42	Yes	Atascadero, Bradley, Buena Park, Camarillo, Carpinteria, Channel Islands, Clearwater, Covina, Edmonds, El Cajon, Goleta, Huntington Beach, La Mirada, Lake Forest, Lake Havasu City, Los Osos, Malibu, Monrovia, Morro Bay, Newberry Park, Newhall, Newport, Oakview, Oceano, Ojai, Oxnard, Pacific Grove, Pebble Beach, Pine Mountain, Port Hueneme, Redondo Beach, San Clemente, San Jose, San Luis Obispo, San Pedro, Santa Barbara, Santa Ynez, Simi Valley, Tarzana, Thousand Oaks, Ventura, Wauconda, Wilmington
Ventura	45	Yes	Calabasas, Camarillo, Carpinteria, Castroville, Coos Bay, Everett, Garden Grove, Gig Harbor, Goleta, Grover Beach, Honolulu, Ketchikan, Kingston, Kirkland, La Mirada, Long Beach, Maple Falls, Marina, Monterey, Montesano, Morro Bay, Mount Vernon, Newbury Park, Hewhall, Oakview, Ojai, Oxnard, Pebble Beach, Rancho Palos Verdes, Redwood City, San Clemente, San Diego, San Jose, San Pedro, Santa Barbara, Santa Paula, Seaside, Simi Valley, Sitka, Stanwood, Summerland, Taft, Tarzana, Ventura, Wauconda, Westlake Village, Woodland Hills

Physical Description

Information in the tables below was obtained from interviewees. If an “x” occurs in a column or row, data was not collected for that item. The column heading definitions are as follows:

- SUPPLY = number of suppliers located in a port/harbor
- PROC = number of processors located in a port/harbor
- ORGS = number of fishing organizations located in a port/harbor
- EVENTS = number of fishing related events the commercial fishing industry provides for the community in a year
- % COMM = percent of commercial fishing boats/vessels in a port/harbor based on interview responses
- % REC = percent of recreational fishing boats/vessels in a port/harbor based on interview responses

Table 8a. Physical description of Washington.

PORT	# BERTHS	MIN SIZE ft	MAX SIZE ft	SUPPLY	PROC	ORGS	EVENTS	% COMM	% REC
Port of Port Angeles	x	x	x	x	x	0	1	0	100
Camas/Washougal	350	20	60	x	0	1	0	1	99
Kalama	222	24	75	2	0	0	0	0	100
Westport	550	5	150	x	5	1	2	x	x
Deception Pass Marina	80	24	50	4	0	0	0	0	100
Brinnon	312	25	70	0	0	0	2	x	x
Quilcene Boat Haven	50	0	50	1	0	0	1	70	30
Seattle/Fishermens Wharf	400	30	307	yes	5	1	4	100	0
Port of Port Orchard	347	28	52	0	0	0	0	0	100
Poulsbo/Liberty Bay Marina	300	35	100		0	0	0	2	98
Bremerton/Port of Brownsville	320	20	50	0	0	1	1	0	100
Centralia/Chehalis	x	x	x	x	x	x	x	0	100
Shelton Yacht Club	65	22	100	2	2	yes	0	1	99
Chinook Narrows Tackle and Marina Store	380	16	88	5+	packing house	1	0	25	75
Point Defiance	400	x	x	1	x	4	3	1	99
Day Island	315	x	x	x	x	x	x	x	x
Friday Harbor	250	x	x	x	x	x	x	x	x
Port of Anacortes	464	16	300	x	x	2	0	1	99
Skamania/Beacon Rock St. Park	150	25	120	yes	2	3	0	20	80
Port of Everett	25	0	120	0	0	0	0	0	100
Olympia/Fiddlehead Marina	2050	20	70	3	a few buyers	1	0	10	90
Cathlamet	78	25	40	x	x	x	x	0	100
Bellingham	120	10	50	1	0	3	0	0	100
Squilacum Harbor/Bellingham	1000	0	100	2	1	2	0	x	x
	618	26	100	x	2	2	0	25	75

Table 8b. Physical description of Washington cont.

Note: Information reported in tables 8b, 8d and 8f are based on two GIS parameters: 35-mile buffer zone and a population greater than 20,000.

COUNTY	<u>NO. ISOLATED CITIES</u>	<u>NO. COMMERCIAL FISHING PORTS</u>	<u>NO. RECREATIONAL FISHING PORTS</u>
Clallam	1		2
Clark			2
Cowlitz			1
Grays Harbor	8		1
Island			1
Jefferson	1		1
King		1	1
Kitsap			3
Lewis			2
Mason			1
Pacific	3		1
Pierce			1
San Juan			1
Skagit		1	1
Skamania			1
Snohomish			1
Thurston			1
Wahkiakum			1
Whatcom		2	2

Figure 10. Reported community fishing organizations and events in Washington.

Note for Figures 10, 11 and 12: The boats represent the number of fishing organizations in each city, while the fish represent the number of fishing events in each city. These data were obtained through personal interviews.

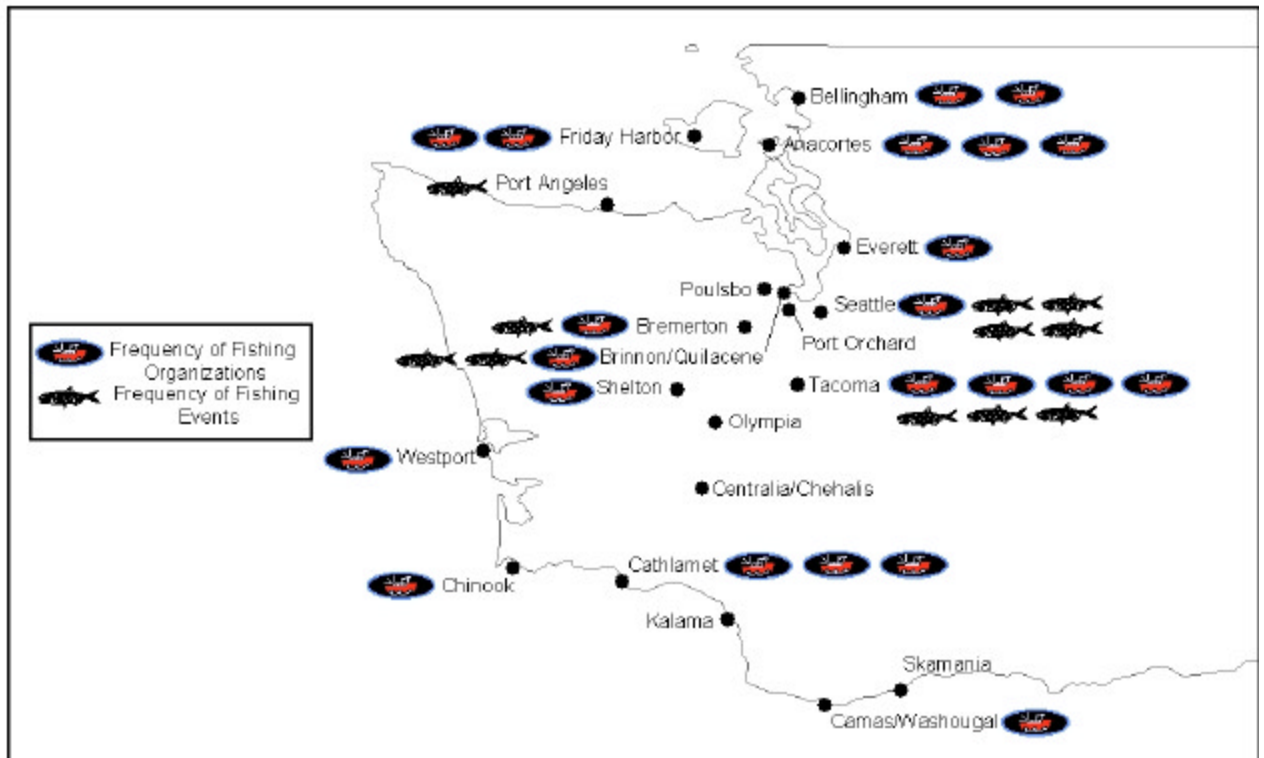


Table 8c. Physical description of Oregon.

PORT	# BERTHS	MIN SIZE ft	MAX SIZE ft	SUPPLY	PROC	ORGS	EVENTS	% COMM	% REC
Port of Astoria	335	0	70	8	5+	7	2	x	x
	85	0	70						
	12	0	130						
St. Helens Marina	220	16	60	1	0	0	2	0	100
Port of Bandon	100	16	70	2	1	0	1	x	x
Charleston Marina	560	12	120	5+	1	3	5+	50	50
Port of Brookings	750	24	100	5+	0	5	x	1	99
Winchester Bay	800	18	85	1	0	0	1	20	80
Hood River	x	x	x	x	x	x	x	x	x
Florence Marina	122	20	75	x	1 buyer	1	1	50	50
Depoe Bay, Dockside Charters	137	0	57	x	1 can-nery	0	0	5	95
Waldport Marina	20	12	24	yes	0	0	0	0	100
	250 comm vessels	x	x	yes	2	1	x	99	1
Newport	10	x	x	x	x	3	yes	x	x
Portland									
Pacific City/Pacific Boat Launch	1 boat launch	N/A	N/A	1	0	1	1	5	95
Garibaldi Marina	300	16	100	5	2	0	1	20	80

Table 8d. Physical description of Oregon cont.

COUNTY	NO. ISOLATED CITIES	NO. COMMERCIAL FISHING PORTS	NO. RECREATIONAL FISHING PORTS
Clatsop		2	2
Columbia			1
Coos	1	2	2
Curry		1	1
Douglas			1
Hood River			1
Lane		1	1
Lincoln		1	1
Multnomah			1
Tillamook	1	1	1

Figure 11. Reported community fishing organizations and events in Oregon.

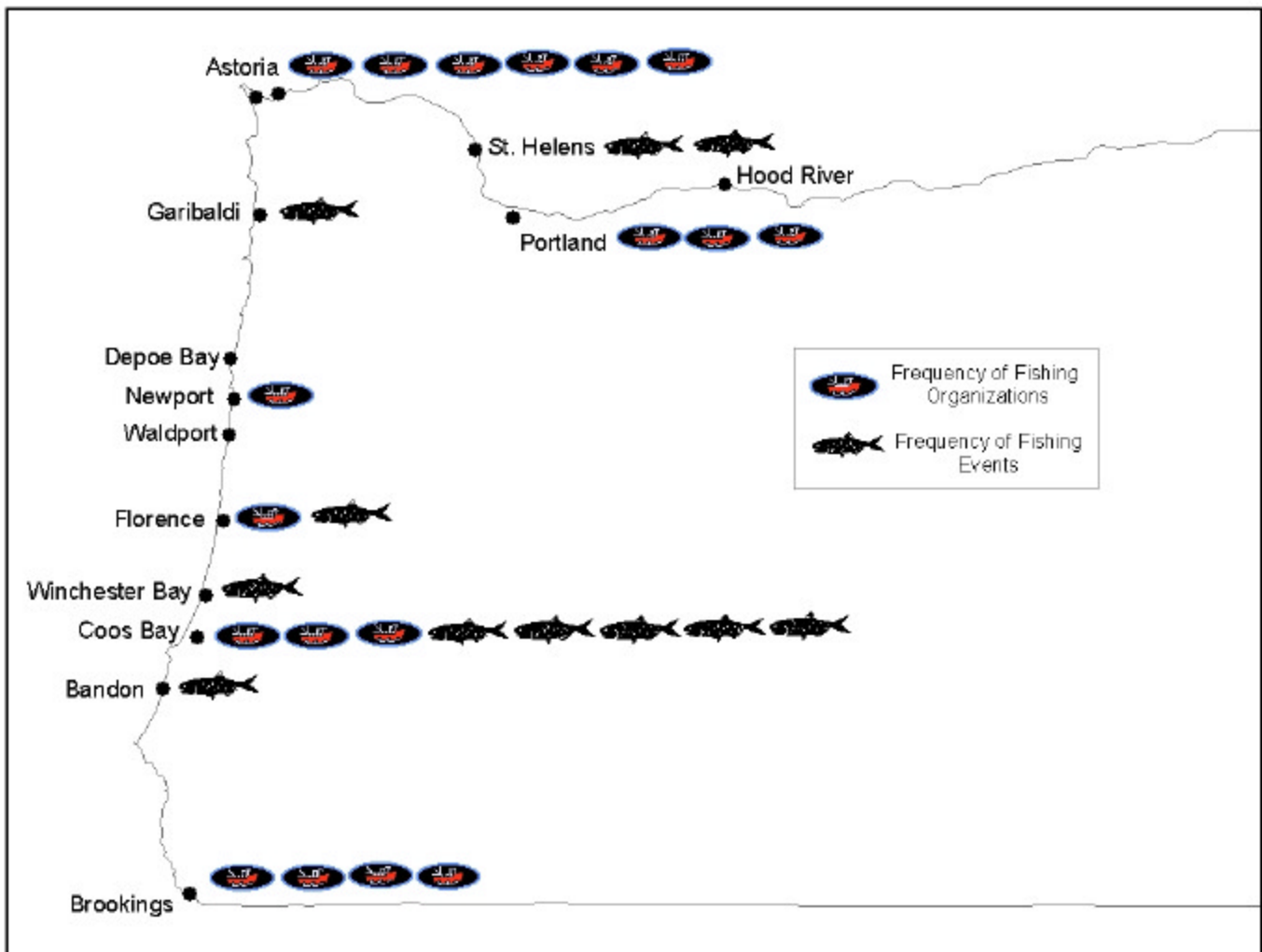


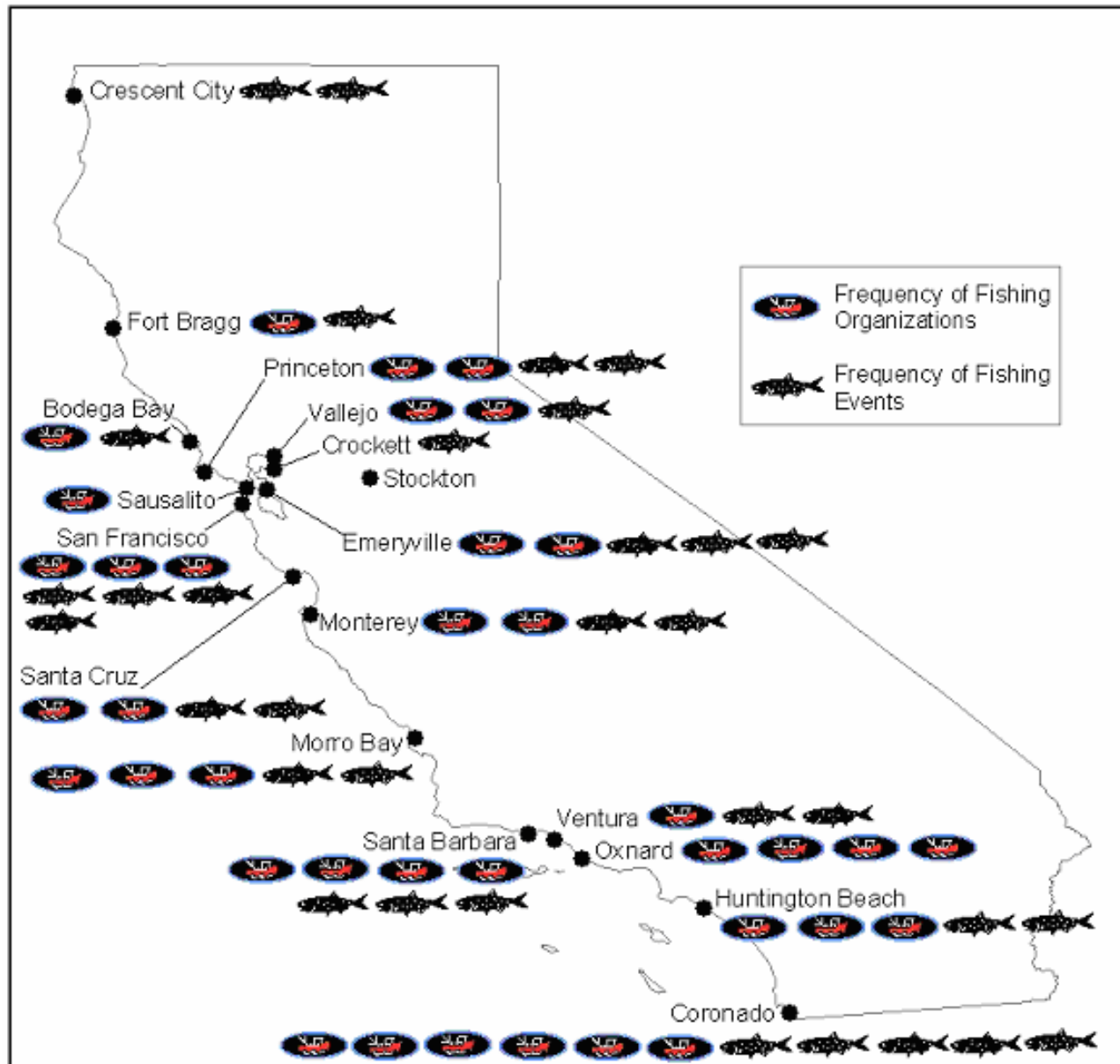
Table 8e. Physical description of California.

PORT	# BERTHS	MIN SIZE ft	MAX SIZE ft	SUPPLY	PROC	ORGS	EVENTS	% COMM	% REC
Emeryville/Sports Fishing	N/A	N/A	N/A	1	0	2	3	x	x
Crockett/Sports Fishing	750	26	100	2	0	0	1	1	99
Crescent Bar	x	18	80	x	x	x	2	x	x
Sausalito/Clipper Yacht Harbor	750	20	50	5	0	1	0	0	100
Fort Bragg	265	16	73	6	1	1	1	40	60
Monterey	650	x	x	yes	5+	2	2	10	90
Huntington Beach/Dana Wharf Sport Fishing	3000	32	95	3	0	3	2	1	99
Coronado/Boat Rental	x	x	x	3	0	yes	3	x	x
H & M Landing	30	0	100	yes	0	5+	2	x	x
Fishermen's Wharf	170	25	80	yes	5+	3	4	100	0
Stockton/Paradise Point Marina	x	x	x	x	x	x	x	0	100
Morro Bay	550	0	100	5+	1	3	2	50	50
Princeton	396	22	65	5+	0	2	2	75	25
Santa Barbara	1,133	20	60	x	x	4	3	x	x
Santa Cruz Municipal Wharf	1200	24	70	x	0	2	2	75	30
Vallejo	209	24	50	x	x	2	1	0	100
Bodega Bay	120	30	50	yes	0	1	1	35	65
Oxnard Channel									
Island Marina	500	25	90	x	yes	4	0	1	99
Ventura Harbor Village	x	x	x	x	0	1	2	60	40

Table 8f. Physical description of California cont.

COUNTY	<u>NO. ISOLATED CITIES</u>	<u>NO. COMMERCIAL FISHING PORTS</u>	<u>NO. RECREATIONAL FISHING PORTS</u>
Alameda			1
Contra Costa			1
Del Norte			1
Humbolt			1
Los Angeles			
Marin			1
Mendocino		1	1
Monterey		1	1
Orange			2
San Diego			1
San Francisco		1	1
San Joaquin			1
San Luis Obispo		1	1
San Mateo		1	1
Santa Barbara		1	1
Santa Cruz		1	1
Solano			1
Sonoma		1	1
Ventura		1	1

Figure 12. Reported community fishing organizations and events in California.



Miscellaneous Maps and Tables

Figure 13. Frequency of processors in Washington (Urner Barry, 2002-2003 and Pacific Fishing, 2003).

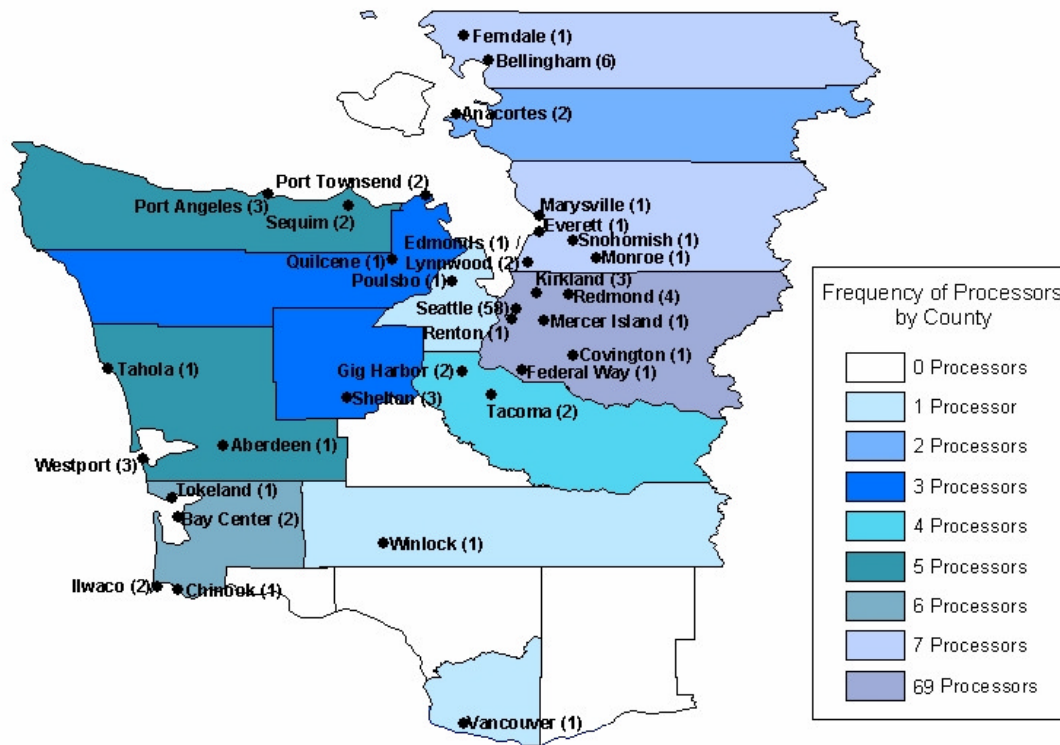


Table 9a. Processor and product information by county in Washington (Uerner Barry, 2002-2003 and Pacific Fishing, 2003).

COUNTY/SALES	# PROCESSORS	PRODUCT	DISTRIBUTION	PRODUCT ORIGIN	PRODUCT FORM
Clallam/ 4 to 11 million	5	Clams, Tuna, Salmon, Dungeness Crab, Halibut, Black Cod, Scallops, Oysters	Local, Intrastate, Interstate, Multi-State, International	Pacific Northwest, Alaska	Fresh, Frozen, Fillets, Whole, I.Q.F., Canned, Aquaculture, Salted/Smoked
Clark/ 2 to 5 million	1	Halibut, Salmon, Snapper, Black Cod, Crawfish, Scallops	Local, Interstate	Unknown	Frozen, I.Q.F., Tray/Vacuum Packed, Fillets,
Grays Harbor/ 21 to 47 million	5	Oysters, Salmon, Dungeness Crab, Scallops, Tuna, Whiting, Fresh Water, Catfish, Pollock	Local, Interstate, Multi-State	Pacific Northwest, Alaska, West Coast	Fresh, Frozen, Canned, Whole, Cooked, Fillets, Salted/Smoked, I.Q.F., Breaded & Prepared, Live, Tray, Packed, Portion Controlled, Meat (Shelled), Vacuum Packed
Jefferson/ 2 to 5 million	3	Black Cod, Tuna, Clams, Turbot, Dungeness Crab, Fresh Water Catfish, Fresh Water Trout, Cod, Halibut, King Crab, Lobster (American), Mahi Mahi, Mussels, Ocean Perch, Octopus, Oysters, Salmon, Scallops, Sea Bass, Shark, Shrimp, Snapper, Squid, Surimi Based, Swordfish	Local, Multi- state, International	Hawaii, Pacific Northwest	Fresh
King/ 1,925 to 5,253 million	69	Abalone, Cod, Snapper, Black Cod, Hake, Dogfish, Whiting, Dungeness Crab, Flounder/ Sole, Herring, Halibut, King Crab, Tuna, Lobster Tail, Mackerel, Snow Crab, Shrimp, Octopus, Pollock, Squid, Rockfish, Sea Bass, Salmon, Turbot, Sardines, Scallops, Razor Clams	Local, Intrastate, Interstate, Multi-State, International	West Coast, Alaska, Peru, Argentina, Chile, Russia, Norway, Peru	Fresh, Frozen, Blocks, Cello Packs, Fillets, Whole, I.Q.F., Fish Meal/Oil, Roe, Further Processed, Aquaculture, Meat (Shelled)

Table 9a. Processor and product information by county in Washington (Umer Barry, 2002-2003 and Pacific Fishing, 2003) cont.

COUNTY/SALES	# PROCESSORS	PRODUCT	DISTRIBUTION	PRODUCT ORIGIN	PRODUCT FORM
Kitsap/ 5 to 10 million	1	Black Cod, Mahi Mahi, Clams, Dungeness Crab, Flounder/ Sole, Halibut, Herring, King Crab, Lobster Tail, Mussels	Multi-State, International	Pacific Northwest, Chile, West Coast, Hawaii, Canada, Pacific Coast, Bahamas, Brazil, Honduras, Hong Kong, Argentina, Iceland, India, Norway, Japan, Indonesia, Philippines, Republic of Korea, Taiwan, New Zealand, Thailand, Australia, Pacific Islands	Frozen, Cooked, Salted/Smoked, Fillets, Whole, I.Q.F., Further Processed, Meat (Shelled), Breaded & Prepared, Portion Controlled, Tray Packed, Vacuum Packed
Lewis/ 1 to 2 million	1	Salmon	Local, International	Unknown	Fresh, Live, Aquaculture
Mason/ .5 to 1 million	3	Clams, Oysters	Local, Intrastate, Interstate, Multi-State	Pacific Northwest	Fresh, Frozen, Breaded & Prepared, Whole, Portion Controlled
Pacific/ 24 to 55 million	6	Oysters, Clams, Black Cod, Dungeness Crab, Fresh Water Trout, Cod, Dogfish, Hake, Squid, Whiting, Founder/Sole, Halibut, Shark, Perch, Tuna, Mackerel, Octopus, Salmon, Scallops, Sea Bass, Shrimp, Snapper, Turbot, Swordfish, Razor Clams, Sturgeon	Local, Intrastate, Interstate, Multi-State, International	Pacific Northwest	Fresh, Frozen, Canned, Live, Cooked, Whole, Salted/Smoked, Aquaculture, Pasteurized, Tray Packed, Vacuum Packed
Pierce/ 4 to 10 million	4	Black Cod, Clams, Cod, Dogfish, Dungeness Crab, Halibut, Herring, King Crab, Salmon, Shrimp, Snow Crab, Squid, Mussels, Oysters	Local, Intrastate, Interstate, Multi-State, International	West Coast, Alaska, Canada, Pacific Coast	Fresh, Frozen, Salted/Smoked, Blocks, Live, Canned, Whole, Tray/Vacuum Packed, Roe, I.Q.F., Whole, Fillets, Meat (Shelled), Aquaculture,
Skagit/ 5 to 10 million	2	Hake, Pollock, Oysters, Salmon	Interstate, Multi-State, International	Pacific Northwest, Alaska	Blocks, Roe, Salted/ Smoked, Fillets, Further Processed, Tray/ Vacuum Packed

Table 9a. Processor and product information by county in Washington (Uerner Barry, 2002-2003 and Pacific Fishing 2003 cont).

COUNTY/SALES	# PROCESSORS	PRODUCT	DISTRIBUTION	PRODUCT ORIGIN	PRODUCT FORM
Snohomish/ 25 to 60 million	7	Black Cod, Cod, King Crab, Snow Oysters, Salmon, King Crab, Sea Bass, Dungeness Crab, Pollock, Flounder/Sole, Halibut, Crab, Herring, Ocean Perch, Pollock	Multi-State, International	Pacific Northwest, West Coast, Alaska, Russia	Frozen, Canned, I.Q.F., Salted/ Smoked, Blocks, Fillets, Whole, Further Processed, Meat (Shelled) Aquaculture
Whatcom/ 62 to 130 million	7	Black Cod, Cod, Dungeness Crab, Halibut, King Crab, Pollock, Salmon, Surimi Based, Snapper, Snow Crab, Flounder/Sole	Local, Intrastate, Interstate, Multi-State, International	Pacific Northwest, Alaska, Canada, Pacific Coast, West Coast	Fresh, Frozen, Whole, I.Q.F, Tray/Vacuum Packed, Live, Roe, Canned, Fillets, Cooked, Portion Controlled, Salted/Smoked

Figure 14. Frequency of processors in Oregon (Urner Barry, 2002-2003 and Pacific Fishing, 2003).

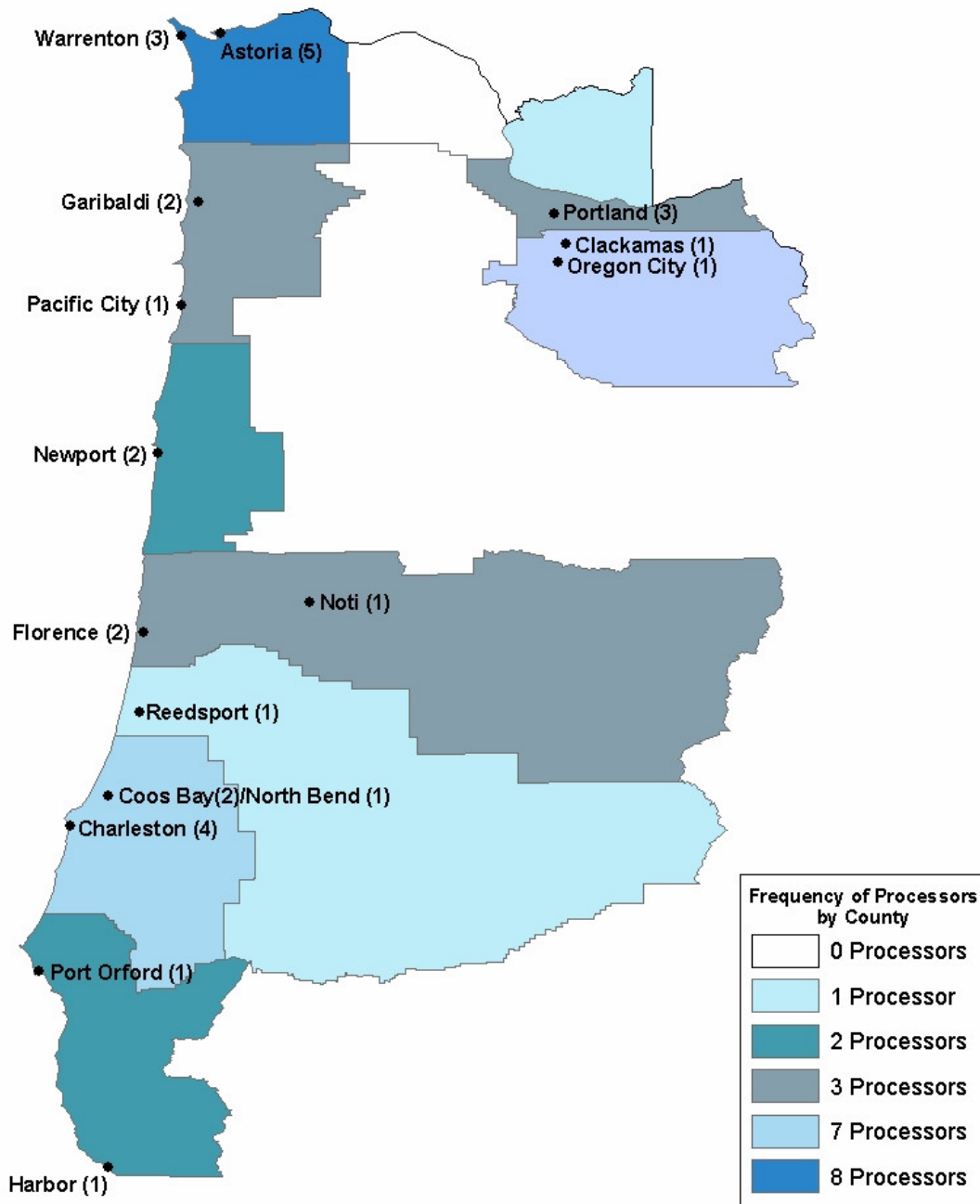


Table 9b. Processor and product information by county in Oregon (Uerner Barry, 2002-2003 and Pacific Fishing, 2003).

COUNTY/SALES # PROCESSORS	PRODUCT	DISTRIBUTION	PRODUCT ORIGIN	PRODUCT FORM	
Clackamas/ 1 to 2 million	2	Black Cod, Clams, Cod, Crawfish, Dungeness Crab, Eel, Flounder/Sole, Fresh Water Catfish, Fresh Water Trout, Hake, Halibut, King Crab, Lobster Tail (cold and warm water), Mahi Mahi, Mussels, Ocean Perch, Octopus, Oysters, Pollock, Salmon, Sea Bass, Shark, Scallops, Shrimp, Snapper, Snow Crab, Squid, Swordfish, Tuna, Turbot, Whiting	Local, Intrastate, Interstate, Multi-State, International	New England, Mid-Atlantic, South Atlantic, Gulf of Mexico, Pacific Northwest, West Coast, Alaska, Hawaii, Canada, Pacific Coast, Costa Rica, Brazil, Chile, Ecuador, Venezuela, China	Fresh, Frozen, Canned, Cooked, Salted/Smoked, Blocks, Cello Packs, Fillets, Whole, I.Q.F., Live, Aquaculture, Pasteurized, Roe, Meat (shelled), Breaded & Prepared, Portion Controlled, Tray/ Vacuum Packed
Clatsop/ 12.7 to 32 million	8	Salmon, Whiting, Black Cod, Surimi Based, Dungeness Crab, Hake, Flounder/Sole, Halibut, Cod, Mackerel, Scallops, Ocean Perch, Shark, Shrimp, Snapper, Tuna, Turbot, Oysters	Local, Interstate, Intrastate, Multi-State, International	Pacific Northwest, West Coast, Alaska, Canada, Japan, Thailand	Fresh, Frozen, Canned, Salted/Smoked, Fillets, Whole, Roe, I.Q.F., Tray Packed, Vacuum Packed
Columbia/0 million	0				
Coos/20.7 to 52 million	7	Black Cod, Squid , Dungeness Crab, Salmon, Tuna, Cod, Flounder/Sole, Hake, Halibut, Ocean Perch, Oysters, Shrimp, Snapper, Mackerel	Local, Intrastate, Interstate, Multi-State, International	West Coast, Pacific Northwest, Canada, Pacific Coast	Fresh, Frozen, Live, Canned, Cooked, Blocks, Fillets, Whole, I.Q.F., Meat (Shelled), Salted/ Smoked, Vacuum Packed
Curry/ 100,000 to 500,000	2	Dungeness Crab, Tuna Shrimp, Halibut, Snapper, Flounder/Sole, Salmon, Scallops	Local, Intrastate, Interstate, International	Pacific Northwest West Coast, Japan	Fresh, Frozen, Canned, Cooked, Salted/Smoked, Fillets, Whole, I.Q.F., Vacuum Packed
Douglas/ 100,000 to 500,000	1	Dungeness Crab, Mussels, Oysters	Local, Intrastate, Interstate, Multi-State, International	Pacific Northwest	Fresh, Further Processed, Live, Aquaculture, Meat (Shelled)

Table 9b. Processor and product information by county in Oregon (Urner Barry, 2002-2003 and Pacific Fishing, 2003) cont.

COUNTY/SLAES	# PROCESSORS	PRODUCT	DISTRIBUTION	PRODUCT ORIGIN	PRODUCT FORM
Hood River/0 million	0				
Lane/10 to 25 million	3	Black Cod, Snapper, Sole, Dungeness Crab, Salmon, Swordfish, Tuna, Clams, Water Catfish, Flounder/Hake, Halibut, Mackerel, Mahi Mahi, Mussels, Oysters, Scallops, Shark, Shrimp	Local, Intrastate Interstate Multi-State International	Pacific Northwest, West Coast, Canada, Asia	Fresh, Frozen, Canned, Cooked, Blocks, Whole, I.Q.F., Live, Meat (Shelled), Fillets, Further Processed
Lincoln/10 to 25 million	2	Black Cod, Dungeness Crab, Salmon, Tuna, Shrimp	Intrastate, Multi-State, International	West Coast	Fresh, Frozen, Live, Canned, Cooked, Blocks, Whole, I.Q.F., Meat (Shelled)
Multnomah/26 to 52 million	3	Black Cod, Clams, Cod, Crawfish, Dungeness Crab, Flounder/Sole, Fresh Water Catfish, Grouper, Halibut, King Crab, Herring, Lobster, Mackerel, Mahi Mahi, Monkfish, Mussels, Ocean Perch, Octopus, Orange Roughy, Oysters, Pollock, Salmon, Scallops, Sea Bass, Shark, Shrimp, Snapper, Snow Crab, Squid, Surimi Based, Swordfish, Tuna, Turbot, Whiting	Local, Intrastate, Interstate, Multi-State	New England, Mid-Atlantic, South Atlantic, Gulf of Mexico, Pacific Northwest, West Coast, Alaska, Hawaii, Canada, Atlantic Coast, Pacific Coast, Bahamas, Norway, Honduras, Mexico, Chile, Ecuador, Peru, Iceland, Bangladesh, Burma, China, Hong Kong, India, Indonesia, Israel, Japan, Philippines, Republic of Korea, Singapore, Taiwan, Thailand, Australia, New Zealand, Pacific Islands	Fresh, Frozen, Canned, Cooked, I.Q. F., Salted/Smoked, Blocks, Cello Packs, Fillets, Whole, Further Processed, Live, Aquaculture, Meat (Shelled), Roe, Pasteurized, Breaded & Prepared, Portion Controlled, Tray/Vacuum Packed
Tillamook/1 to 2 million	3	Shrimp, Tuna	Local, Interstate, International	North America	Fresh, Frozen, Canned, Salted/Smoked, I.Q.F., Meat (Shelled), Vacuum Packed

Figure 15. Frequency of processors in California (Urner Barry, 2002-2003 and Pacific Fishing, 2003).

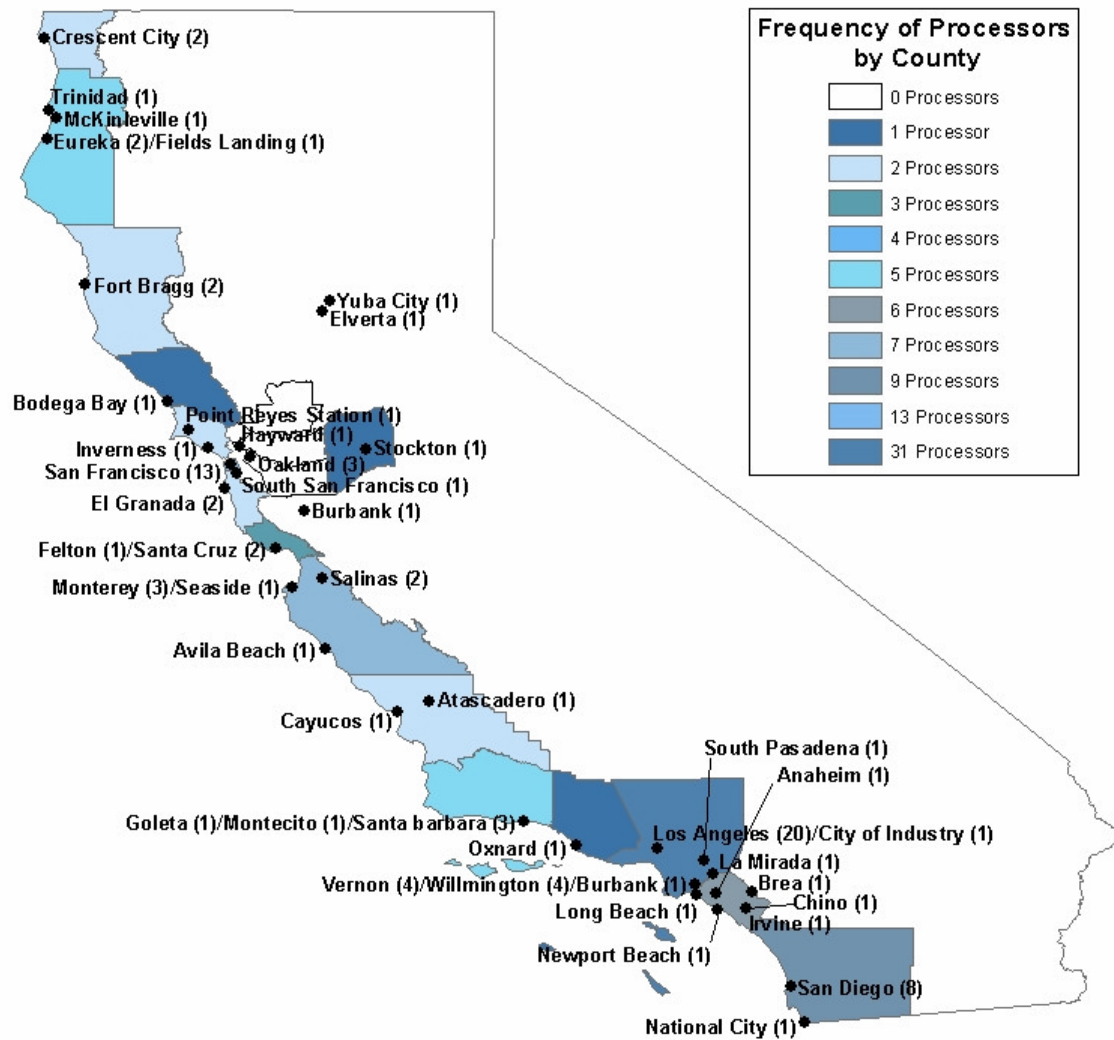


Table 9c. Processor and product information by county in California (Urner Barry, 2002-2003 and Pacific Fishing, 2003).

COUNTY/SALES	# PROCESSORS	PRODUCT	DISTRIBUTION	PRODUCT ORIGIN	PRODUCT FORM
Alameda/0 million	0				
Contra Costa/0 million	0				
Del Norte/10 to 25 million	2	Black Cod, Whiting, Tuna, Shrimp, Salmon, Dungeness Crab, Snapper	Intrastate, Multi-State, International	West Coast	Fresh, Frozen, Blocks, Meat (Shelled), I.Q.F., Canned, Cooked, Live, Whole, Fillets
Humboldt/50 to 125 million	5	Blue Crab, Tuna, Black Cod, Flounder/ Sole, Dungeness Crab, Salmon, Hake, Ocean Perch, Herring, Octopus, Shark, Shrimp, Squid, Snapper, Turbot, Whiting	Intrastate, Multi-State, International	West Coast	Fresh, Frozen, Meat, (Shelled), Canned, Cooked, Whole, I.Q.F., Live, Blocks, Breaded & Prepared, Portion Controlled, Tray Packed, Salted/ Smoked, Vacuum Packed
Los Angeles/528.5 to 1085 million	31	Cod, Flounder/Sole, Hake, Grouper, Haddock, Halibut, King Crab, Mackerel, Mahi Mahi, Ocean Perch, Orange Roughy, Sea Bass, Pollock, Salmon, Shark, Snapper, Tuna, Swordfish, Turbot, Whiting, Black Cod, Snow Crab, Dungeness Crab, Lobster, Octopus, Scallops, Shrimp, Squid, Surimi Based, Mussels	Local, Intrastate, Interstate, Multi-State, International	South Atlantic, South Africa, China, Pacific Northwest, Chile, New Zealand, India, Alaska, Canada, Hong Kong, Taiwan, West Coast, Pacific Coast, Russia, Japan, Argentina, Singapore, Panama, Indonesia, Malaysia, Bahamas, Bangladesh, Thailand, Ecuador, Philippines	Frozen, Blocks, Cello Pack, Fillets, Whole, I.Q.F., Tray /Vacuum Packed, Fresh, Salted/ Smoked, Meat (Shelled), Further Processed, Portion Controlled
Marin/Under 100,000	2	Oysters, Clams, Mussels	Local, Intrastate, Interstate, Multi-State	West Coast, Pacific Northwest	Fresh, Meat (Shelled)
Mendocino/7 to 15 million	2	Cod, Dungeness Crab, Sole, Black Cod, Eel, Flounder/ Ocean Perch, Salmon, Tuna, Snapper, Shrimp, Lobster, Mussels, Octopus, Swordfish	Local, Intrastate, Interstate, Multi-State, International	Pacific Coast, Chile, Pacific Northwest, Canada, Peru, Norway, West Coast, Taiwan	Fresh, Frozen, I.Q.F., Canned, Cooked, Blocks, Cello Packs, Fillets, Whole, Tray Packed, Vacuum Packed, Live, Roe

Table 9c. Processor and product information by county in California (Urner Barry, 2002-2003 and Pacific Fishing, 2003) cont.

COUNTY/SALES	# PROCESSORS	PRODUCT	DISTRIBUTION	PRODUCT ORIGIN	PRODUCT FORM
Monterey/ 50.6 to 101.5 million	7	Halibut, Herring, Salmon, Octopus, Mackerel, Surimi Based, Black Cod, Cod, Tuna, Hake, Pollock, Dungeness Crab, Flounder/ Sole, Shark, Shrimp, Swordfish, Whiting, Clam, Dungeness Crab, Ocean Perch, Squid, Turbot	Local, Intrastate, Interstate, Multi-State, International	Mexico, Italy, Spain, France, Greece, New Zealand, West Coast, China, Japan, Portugal, Colombia, Hong Kong, India, United Kingdom, Malaysia, Atlantic Coast, Alaska, Panama, Venezuela, Morocco, South Africa, Denmark, Germany, Israel, Netherlands, Taiwan, Australia, Philippines	Fresh, Frozen, Fillets, Blocks, Whole, Roe, I.Q.F., Cooked, Live, Further Processed, Meat (Shelled), Tray Packed, Vacuum Packed, Canned, Fish Meal/Oil,
Orange/2.5 to 6 million	6	Black Cod, Flounder/ Sole, Cod, Dungeness Crab, Fresh Water Catfish and Trout, Grouper, Haddock, Ocean Perch, Hake, Herring, King Crab, Lobster, Tuna, Squid, Mackerel, Turbot, Mahi Mahi, Whiting, Monkfish, Mussels, Octopus, Oysters, Pollock, Salmon, Scallops, Sea Bass, Sea Trout, Shark, Shrimp, Snow Crab, Snapper, Surimi Based, Swordfish	Local, Multi-State, International	India, Thailand, Indonesia, Malaysia, Philippines	Fresh, Frozen, Live, Cooked, Salted/ Smoked, Blocks, Cello Pack, Fillets, Whole, Further Processed, Breaded & Prepared, Meat (Shelled), Portion Controlled, Tray Packed, Aquaculture, Roe, I.Q.F., Vacuum Packed
San Diego/ 239.1 to 595.5 million	9	Blue Crab, Clams, Mussels, Dungeness Crab, Flounder/ Sole, Fresh Water Trout, Salmon, Grouper, Halibut, Lobster, Mahi Mahi, Orange Roughy, Monkfish, Oysters, Scallops, Sea Bass, Shark, Shrimp, Squid, Snapper, Snow Crab, Surimi Based, Tuna, Turbot, Hake, Eel, Whiting, Ocean Perch,	Local, Intrastate, Interstate, Multi-State, International	New England, Mid-Atlantic, China, Gulf of Mexico, South Atlantic, Japan, New Zealand, Pacific Northwest, West Coast, Alaska, Hong Kong, Hawaii, Italy, Canada, Costa Rica, Pacific Coast, Brazil, Honduras,	Fresh, Frozen, Cello Pack, Fillets, Whole, Further Processed, Live, Aquaculture, Roe, Meat (Shelled), Breaded & Prepared, Portion Controlled, Tray Packed, Vacuum Packed, Blocks, Canned, Cooked, I.Q.F., Further Processed,

Table 9c. Processor and product information by county in California (Umer Barry, 2002-2003 and Pacific Fishing, 2003) cont.

COUNTY/SALES	# PROCESSORS	PRODUCT	DISTRIBUTION	PRODUCT ORIGIN	PRODUCT FORM
San Diego/ cont.		King Crab, Pollock, Bluefish, Conch/Snails, Fresh Water Catfish, Haddock, Mackerel, Swordfish, Octopus		Mexico, Panama, Argentina, Ecuador, Guyana, Seychelles, Denmark, Iceland, Norway, Portugal, Bangladesh, Indonesia, Republic of Korea, Philippines, China, Singapore, Taiwan, Thailand, Pacific Islands, Atlantic Coast, Russia, Chile	
San Francisco/ 133 to 275 million	13	Clams, Cod, Oysters, Squid, Dungeness Crab, Mussels, Swordfish, Salmon, Black Cod, Scallops, Shrimp, Tuna, Flounder/Sole, Hake, Halibut, Octopus, Pollock, Shark, Snapper, Turbot, Whiting, Mahi Mahi, Orange Roughy, Bluefish, Grouper, Blue Crab, Clams, Conch/Snails, Crawfish, Dogfish, Eel, Fresh Water Catfish and Trout, Grouper, Herring, Mackerel, Ocean Perch, Monkfish, Mussels, Sea Bass, Sea Trout, Snow Crab, Surimi Based	Local, Intrastate, Interstate, Multi-State, International	New England, Peru, Pacific Northwest, West Coast, Alaska, New Zealand, India, Hawaii, Peru, France, Costa Rica, Atlantic Coast, Chile, Faroe Islands, Colombia, Canada, Gulf of Mexico, Ecuador, Morocco, Denmark, Norway, Taiwan, Mid Atlantic, Japan, Canada, Honduras, Mexico, Panama, Argentina, Brazil, Hong Kong, Burma, Venezuela, Australia, Indonesia, Thailand	Fresh, Frozen, Cooked, I.Q.F., Live, Meat (Shelled), Canned, Salted/Smoked, Fillets, Whole, Tray Packed, Vacuum Packed, Blocks, Aquaculture, Further Processed, Breaded & Prepared, Portion Controlled
San Joaquin/ 10 to 25 million	1	Black Cod, Whiting, Hake, Halibut, Shrimp, Cod, Squid, Snapper	International	Pacific Northwest, West Coast	Further Processed, Aquaculture, Pasteurized
San Luis Obispo/6 to 12 million	2	Black Cod, Whiting, Clams, Dungeness Crab, Flounder/Sole, Fresh Water Catfish & Trout, Grouper, Halibut, Cod, Herring, Lobster, Mahi Mahi, Mackerel, Shark, Shrimp, Tuna, Snapper, Snow Crab, Swordfish, Turbot, Squid	Local, Intrastate, Interstate, Multi-State, International	Norway, Gulf of Mexico, New Zealand, Chile, Alaska, Mexico, West Coast, Ecuador, Australia	Fresh, Frozen, Canned, Cooked, Fillets, Whole, I.Q.F. Meat (Shelled), Breaded & Prepared, Portion Controlled, Live, Aquaculture, Vacuum Packed

Table 9c. Processor and product information by county in California (Urner Barry, 2002-2003 and Pacific Fishing, 2003) cont.

COUNTY/SALES	# PROCESSORS	PRODUCT	DISTRIBUTION	PRODUCT ORIGIN	PRODUCT FORM
San Mateo/ 2 to 5 million	2	Black Cod, Dungeness Crab, Flounder/Sole, Halibut, Salmon, Shrimp	Local, Intrastate, Multi-State, International	West Coast, Philippines, Taiwan	Fresh, Frozen, Cooked, Fillets, Whole, I.Q.F., Live, Salted/Smoked, Cello Pack
Santa Barbara/1 to 2 million	5	Black Cod, Blue Crab, Clams, Cod, Bluefish, Conch/Snails, Turbot, Crawfish, Dungeness Crab, Eel, Whiting, Fresh Water Catfish & Trout, Mahi Mahi, Flounder/Sole, Grouper, Haddock, Hake, King Crab, Halibut, Herring, Lobster, Sea Trout, Tuna, Shrimp, Scallops, Mackerel, Monkfish, Mussels, Ocean Perch, Octopus, Orange Snow Crab, Roughy, Oysters, Sea Bass, Pollock, Salmon, Shark, Snapper, Squid, Surimi Based, Swordfish	Local, Intrastate, International	West Coast, Mexico, Australia	Fresh, Frozen, Cooked, Salted/Smoked, I.Q.F., Blocks, Cello Pack, Fillets, Whole, Live, Roe, Meat (Shelled), Breaded & Prepared, Canned, Portion Controlled, Tray/Vacuum Packed
Santa Cruz/ 2 to 4 million	3	Salmon, Flounder/Sole, Tuna, Dungeness Crab, Grouper, Haddock, Sea Bass, King Crab, Mahi Mahi, Lobster, Ocean Perch, Orange Roughy, Snow Crab, Squid, Pollock, Salmon, Scallops, Swordfish, Halibut, Shark, Shrimp, Snapper, Cod	Local, Intrastate, Interstate, Multi-State, International	Canada, Gulf of Mexico, Pacific Coast, Philippines, Alaska, Japan, Ecuador, Indonesia, West Coast, Pacific Northwest, Hong Kong, Republic of Korea, Taiwan, Australia	Fresh, Frozen, Canned, Salted/Smoked, Further Processed, Tray & Vacuum Packed, Cello Pack, Blocks, Whole, I.Q.F., Meat (Shelled)
Solano/0 million	0				
Sonoma/ Unknown	1	Black Cod, Clams, Cod, Dungeness Crab, Flounder/Sole, Fresh Water Catfish & Trout, Grouper, Turbot, Hake, Shark, Halibut, Mahi Mahi, Monkfish, Mussels, Ocean Perch, Oysters, Pollock, Swordfish, Salmon, Sea Bass, Scallops, Shrimp, Snapper, Tuna, Whiting	Local, Multi-State	Unknown	Fresh, Frozen, Cooked, Salted/Smoked, Fillets, Whole, I.Q.F., Live, Roe, Meat (Shelled), Tray & Vacuum Packed

Table 9c. Processor and product information by county in California (Umer Barry, 2002-2003 and Pacific Fishing, 2003) cont.

COUNTY/SALES	# PROCESSORS	PRODUCT	DISTRIBUTION	PRODUCT ORIGIN	PRODUCT FORM
Ventura/5 to 10 million	1	Mackerel, Squid	Local, Interstate, International	West Coast	Fresh, Frozen

Table 10a. Hierarchical listing of Species/Market Categories, Complexes, Management Groups (SP table)

SPECIES HIERARCHY MGRP [CPLX1,2] SPID	COMMON NAME	SCIENTIFIC NAME

CPEL	__COASTAL PELAGIC	N/A
CPEL PHRG	PACIFIC HERRING	CLUPEA HARENGUS PALLASI
CPEL RHRG	ROUND HERRING	ETRUMEUS TERES
CPEL WETF	__ALL WET FISH	N/A
CPEL WETF CMCK	CHUB MACKEREL	SCOMBER JAPONICUS
CPEL WETF JMCK	JACK MACKEREL	TRACHURUS SYMMETRICUS
CPEL WETF MSQD	MARKET SQUID	LOLIGO OPALESCENS
CPEL WETF NANC	NORTHERN ANCHOVY	ENGRAULIS MORDAX
CPEL WETF PBNT	PACIFIC BONITO	SARDA CHILIENSIS
CPEL WETF PSDN	PACIFIC SARDINE	SARDINOPS SAGAX
CPEL WETF UMCK	UNSP. MACKEREL	N/A
CRAB	__ALL CRAB	N/A
CRAB DCRB	DUNGENESS CRAB	CANCER MAGISTER
CRAB KCRB BKCR	BLUE KING CRAB	PARALITHODES PLATYPUS
CRAB KCRB GKCR	GOLDEN KING CRAB	LITHODES AEQUISPIA
CRAB KCRB KCRB	__ALL KING CRAB	N/A
CRAB KCRB RKCR	RED KING CRAB	PARALITHODES CAMTSCHATICA
CRAB KCRB SKCR	SCARLET KING CRAB	LITHODES COUESI
CRAB KCRB UKCR	UNSP. KING CRAB	N/A
CRAB OCRB	OTHER CRAB	N/A
CRAB RCRB	ROCK CRAB	CANCER PRODUCTUS
CRAB TCRB BTCR	BAIRDI TANNER CRAB	CHIONOECETES BAIRDI
CRAB TCRB OTCR	OPILIO TANNER CRAB	CHIONOECETES OPILIO
CRAB TCRB TCRB	__ALL TANNER CRAB	N/A
CRAB TCRB UTCR	UNSP. TANNER CRAB	N/A
CRAB UCRB	UNSPECIFIED CRAB	N/A
GRND	__ALL GROUND FISH	N/A
GRND FLAT APLC	ALASKA PLAICE	PLEURONECTUS QUADRITUBERCULATUS
GRND FLAT BSOL	BUTTER SOLE	ISOPSETTA ISOLEPIS
GRND FLAT CSOL	CURLFIN SOLE	PLEURONICHTHYS DECURRENS
GRND FLAT CTRB	C-O SOLE	PLEURONICHTHYS COENOSUS
GRND FLAT DEEP	__DEEP-91 FLOUNDERS	N/A
GRND FLAT DFLT	UNSP. DEEP FLOUNDERS	N/A
GRND FLAT DOVR	DOVER SOLE	MICROSTOMUS PACIFICUS
GRND FLAT DTRB	DIAMOND TURBOT	HYPSOPSETTA GUTTULATA
GRND FLAT EGLS	ENGLISH SOLE	PAROPHRYUS VETULUS
GRND FLAT FLAT	__ALL FLATFISH	N/A
GRND FLAT FSOL	FLATHEAD SOLE	HIPPOGLOSSOIDES ELASSODON
GRND FLAT GTRB	GREENLAND TURBOT	REINHARDTIUS HIPPOGLOSSOIDES
GRND FLAT HTRB	HORNYHEAD TURBOT	PLEURONICHTHYS VERTICALIS
GRND FLAT OFLT	OTHER FLATFISH	N/A
GRND FLAT PTRL	PETRALE SOLE	EOPSETTA JORDANI
GRND FLAT REX	REX SOLE	GLYPTOCEPHALUS ZACHIRUS
GRND FLAT RFLT	REMAINING FLATFISH	N/A
GRND FLAT RSOL	ROCK SOLE	LEPIDOPSETTA BILINEATA
GRND FLAT SDAB	__SANDDABS	CITHARICHTHYS SPP.
GRND FLAT SDAB LDAB	LONGFIN SANDDAB	CITHARICHTHYS XANTHOSTIGMA
GRND FLAT SDAB LDB1	NOM. LONGFIN SANDDAB	CITHARICHTHYS SPP.
GRND FLAT SDAB PDAB	PACIFIC SANDDAB	CITHARICHTHYS SORDIDUS
GRND FLAT SDAB PDB1	NOM. PACIFIC SANDDAB	CITHARICHTHYS SPP.
GRND FLAT SDAB SDB1	NOM. SPECKLED SANDDAB	CITHARICHTHYS SPP.
GRND FLAT SDAB SSDB	SPECKLED SANDDAB	CITHARICHTHYS STIGMAEUS
GRND FLAT SDAB UDAB	UNSP. SANDDABS	CITHARICHTHYS SPP.
GRND FLAT SFLT	UNSP. SHALLOW FLOUNDERS	N/A
GRND FLAT SHAL	__SHALLOW-91 FLOUNDERS	N/A
GRND FLAT SSOL	SAND SOLE	PSETTICHTHYS MELANOSTICTUS
GRND FLAT STRY	STARRY FLOUNDER	PLATICHTHYS STELLATUS
GRND FLAT TRBT	__TURBOTS	N/A
GRND FLAT TRBT ARTH	ARROWTOOTH FLOUNDER	ATHERESTHES STOMIAS
GRND FLAT TRBT KMKA	KAMCHATKA FLOUNDER	ATHERESTHES EVERMANI
GRND FLAT TRBT UTRB	UNSP. TURBOTS	N/A
GRND FLAT UDF1	UNSP. DEEP-91 FLOUNDERS	N/A
GRND FLAT UDF2	UNSP. DEEP-95 FLOUNDERS	N/A
GRND FLAT UFL1	FLOUNDERS (NO FSOL)	N/A

SPECIES HIERARCHY			COMMON NAME	SCIENTIFIC NAME
MGRP	[CPLX1,2]	SPID		
GRND	FLAT	UFLT	UNSP. FLATFISH	N/A
GRND	FLAT	USF1	UNSP. SHALLOW-91 FLOUNDER	N/A
GRND	FLAT	YSOL	YELLOWFIN SOLE	LIMANDA ASPERA
GRND	MGRN	GRDR	UNSP. GRENADIERS	N/A
GRND	MGRN	MGRN	__MISC. GROUND FISH	N/A
GRND	MGRN	OGRN	OTHER GROUND FISH	N/A
GRND	MGRN	RATF	SPOTTED RATFISH	HYDROLAGUS COLLIEI
GRND	MGRN	RGRN	REMAINING GROUND FISH	N/A
GRND	MGRN	SHRK DSRK	SPINY DOGFISH	SQUALUS ACANTHIAS
GRND	MGRN	SHRK LSRK	LEOPARD SHARK	TRIAKIS SEMIFASCIATA
GRND	MGRN	SHRK SSRK	SOUPFIN SHARK	GALEORHINUS ZYOPTERUS
GRND	MGRN	SKAT BSKT	BIG SKATE	RAJA BINOCULATA
GRND	MGRN	SKAT CSKT	CALIFORNIA SKATE	RAJA INORNATA
GRND	MGRN	SKAT LSKT	LONGNOSE SKATE	RAJA RHINA
GRND	MGRN	SKAT USKT	UNSP. SKATE	UNSPECIFIED RAJIDAE
GRND	MGRN	UGRN	UNSP. GROUND FISH	N/A
GRND	ROCK	BLK1	NOM. BLACK ROCKFISH	N/A
GRND	ROCK	CNR1	NOM. CANARY ROCKFISH	N/A
GRND	ROCK	DBR1	NOM. DARKBLOTCHED ROCKFIS	N/A
GRND	ROCK	DRCK	__DEMERSAL-91 RKFSH	N/A
GRND	ROCK	NSHR	NORTHERN NEAR-SHORE ROCKF	N/A
GRND	ROCK	NSHR SSRD BLU1	NOM. BLUE ROCKFISH	N/A
GRND	ROCK	NSHR SSRD BRW1	NOM. BROWN ROCKFISH	N/A
GRND	ROCK	NSHR SSRD CHN1	NOM. CHINA ROCKFISH	N/A
GRND	ROCK	NSHR SSRD CLC1	NOM. CALICO ROCKFISH	N/A
GRND	ROCK	NSHR SSRD COP1	NOM. COPPER ROCKFISH	N/A
GRND	ROCK	NSHR SSRD OLV1	NOM. OLIVE ROCKFISH	N/A
GRND	ROCK	NSHR SSRD QLB1	NOM. QUILLBACK ROCKFISH	N/A
GRND	ROCK	NSHR SSRD RCK2	UNSP. BOLINA RCKFSH	N/A
GRND	ROCK	NSHR SSRD RCK9	BLACK+BLUE ROCKFISH	N/A
GRND	ROCK	NSHR SSRD TRE1	NOM. TREEFISH	N/A
GRND	ROCK	NSHR SSRS BYL1	NOM. BLACK-AND-YELLOW ROC	N/A
GRND	ROCK	NSHR SSRS GPH1	NOM. GOPHER ROCKFISH	N/A
GRND	ROCK	NSHR SSRS GRS1	NOM. GRASS ROCKFISH	N/A
GRND	ROCK	NSHR SSRS KLP1	NOM. KELP ROCKFISH	N/A
GRND	ROCK	NSHR SSRS RCK7	UNSP. GOPHER RCKFSH	N/A
GRND	ROCK	NSLF	NORTHERN SHELF ROCKFISH	N/A
GRND	ROCK	NSLF BCC1	NOM. BOCACCIO	N/A
GRND	ROCK	NSLF CLP1	NOM. CHILIPEPPER	N/A
GRND	ROCK	NSLF CWC1	NOM. COWCOD ROCKFISH	N/A
GRND	ROCK	NSLF RCK1	BOCACCIO+CHILIPEPPER RCKF	N/A
GRND	ROCK	NSLF RCK8	CANARY+VERMILION RCKFSH	N/A
GRND	ROCK	NSLF SSLF BRZ1	NOM. BRONZESPOTTED ROCKFI	N/A
GRND	ROCK	NSLF SSLF CML1	NOM. CHAMELEON ROCKFISH	N/A
GRND	ROCK	NSLF SSLF GBL1	NOM. GREENBLOTCHED ROCKFI	N/A
GRND	ROCK	NSLF SSLF GSP1	NOM. GREENSPOTTED ROCKFIS	N/A
GRND	ROCK	NSLF SSLF GSR1	NOM. GREENSTRIPED ROCKFIS	N/A
GRND	ROCK	NSLF SSLF HNY1	NOM. HONEYCOMB ROCKFISH	N/A
GRND	ROCK	NSLF SSLF MXR1	NOM. MEXICAN ROCKFISH	N/A
GRND	ROCK	NSLF SSLF PNK1	NOM. PINK ROCKFISH	N/A
GRND	ROCK	NSLF SSLF PRR1	NOM. PINKROSE ROCKFISH	N/A
GRND	ROCK	NSLF SSLF RCK3	UNSP. DPWTR REDS RCKFSH	N/A
GRND	ROCK	NSLF SSLF RCK4	UNSP. REDS RCKFSH	N/A
GRND	ROCK	NSLF SSLF ROS1	NOM. ROSY ROCKFISH	N/A
GRND	ROCK	NSLF SSLF RST1	NOM. ROSETHORN ROCKFISH	N/A
GRND	ROCK	NSLF SSLF SPK1	NOM. SPECKLED ROCKFISH	N/A
GRND	ROCK	NSLF SSLF SQR1	NOM. SQUARESPOT	N/A
GRND	ROCK	NSLF SSLF STL1	NOM. STRIPETAIL ROCKFISH	N/A
GRND	ROCK	NSLF SSLF STR1	NOM. STARRY ROCKFISH	N/A
GRND	ROCK	NSLF SSLF SWS1	NOM. SWORDSPINE ROCKFISH	N/A
GRND	ROCK	NSLF SSLF VRM1	NOM. VERMILION ROCKFISH	N/A
GRND	ROCK	NSLP	NORTHERN SLOPE ROCKFISH	N/A
GRND	ROCK	NSLP RCK5	UNSP. SMALL REDS RCKFSH	N/A
GRND	ROCK	NSLP RCK6	UNSP. ROSEFISH RCKFSH	N/A
GRND	ROCK	NSLP SNS1	NOM. SPLITNOSE ROCKFISH	N/A
GRND	ROCK	NSLP SSLP ARR1	NOM. AURORA ROCKFISH	N/A
GRND	ROCK	NSLP SSLP BGL1	NOM. BLACKGILL ROCKFISH	N/A
GRND	ROCK	NSLP SSLP BNK1	NOM. BANK ROCKFISH	N/A

SPECIES HIERARCHY				COMMON NAME	SCIENTIFIC NAME
MRGP	[CPLX1,2]	SPID			
GRND	ROCK	NSLP	SSLP POP1	GEN. SHELF/SLOPE RF	N/A
GRND	ROCK	NSLP	SSLP RDB1	NOM. REDBANDED ROCKFISH	N/A
GRND	ROCK	OBRK		___OTHER BSA RKFSH	N/A
GRND	ROCK	ODSR		OTHER DEMERSAL RKFSH	N/A
GRND	ROCK	OPLG		OTHER PELAGIC RKFSH	N/A
GRND	ROCK	OSLR		OTHER SLOPE RKFSH	N/A
GRND	ROCK	POPG		___POP GROUP	N/A
GRND	ROCK	PRCK		___PELAGIC ROCKFISH	N/A
GRND	ROCK	ROCK		___ALL ROCKFISH	N/A
GRND	ROCK	RRCK		REMAINING ROCKFISH	N/A
GRND	ROCK	SBL1		NOM. SHORTBELLY ROCKFISH	N/A
GRND	ROCK	SBLY		SHORTBELLY ROCKFISH	SEBASTES JORDANI
GRND	ROCK	SBTS	BLCK	BLACK ROCKFISH	SEBASTES MELANOPS
GRND	ROCK	SBTS	CNRY	CANARY ROCKFISH	SEBASTES PINNIGER
GRND	ROCK	SBTS	DBRK	DARKBLOTCHED ROCKFISH	SEBASTES CRAMERI
GRND	ROCK	SBTS	DUSK	DUSKY ROCKFISH	SEBASTES CILIATUS
GRND	ROCK	SBTS	HLQN	HARLEQUIN ROCKFISH	SEBASTES VARIEGATUS
GRND	ROCK	SBTS	NRCK	NORTHERN ROCKFISH	SEBASTES POLYSPINIS
GRND	ROCK	SBTS	NSHR NUSR	NOR. UNSP. NEAR-SHORE ROC	N/A
GRND	ROCK	SBTS	NSHR SSRD BLUR	BLUE ROCKFISH	SEBASTES MYSTINUS
GRND	ROCK	SBTS	NSHR SSRD BRWN	BROWN ROCKFISH	SEBASTES AURICULATUS
GRND	ROCK	SBTS	NSHR SSRD CHNA	CHINA ROCKFISH	SEBASTES NEBULOSUS
GRND	ROCK	SBTS	NSHR SSRD CLCO	CALICO ROCKFISH	SEBASTES DALLI
GRND	ROCK	SBTS	NSHR SSRD COPP	COPPER ROCKFISH	SEBASTES CAURINUS
GRND	ROCK	SBTS	NSHR SSRD OLVE	OLIVE ROCKFISH	SEBASTES SERRANOIDES
GRND	ROCK	SBTS	NSHR SSRD QLBK	QUILLBACK ROCKFISH	SEBASTES MALIGER
GRND	ROCK	SBTS	NSHR SSRD TREE	TREEFISH	SEBASTES SERRICEPS
GRND	ROCK	SBTS	NSHR SSRD UDNR	UNSP. DEEP NEAR-SHORE RF	N/A
GRND	ROCK	SBTS	NSHR SSRS BYEL	BLACK-AND-YELLOW ROCKFISH	SEBASTES CHRYSOMELAS
GRND	ROCK	SBTS	NSHR SSRS GPHR	GOPHER ROCKFISH	SEBASTES CARNATUS
GRND	ROCK	SBTS	NSHR SSRS GRAS	GRASS ROCKFISH	SEBASTES RASTRELLIGER
GRND	ROCK	SBTS	NSHR SSRS KLPR	KELP ROCKFISH	SEBASTES ATROVIRENS
GRND	ROCK	SBTS	NSHR USHR	UNSP. NEAR-SHORE ROCKFISH	N/A
GRND	ROCK	SBTS	NSLF BCAC	BOCACCIO	SEBASTES PAUCISPINIS
GRND	ROCK	SBTS	NSLF CLPR	CHILIPEPPER	SEBASTES GOODEI
GRND	ROCK	SBTS	NSLF CWCD	COWCOD ROCKFISH	SEBASTES LEVIS
GRND	ROCK	SBTS	NSLF NUSF	NOR. UNSP. SHELF ROCKFISH	N/A
GRND	ROCK	SBTS	NSLF SSLF BRNZ	BRONZESPOTTED ROCKFISH	SEBASTES GILLI
GRND	ROCK	SBTS	NSLF SSLF CMEL	CHAMELEON ROCKFISH	SEBASTES PHILLIPSI
GRND	ROCK	SBTS	NSLF SSLF DWRF	DWARF-RED ROCKFISH	SEBASTES RUFIANUS
GRND	ROCK	SBTS	NSLF SSLF FRCK	FRECKLED ROCKFISH	SEBASTES LENTIGINOSUS
GRND	ROCK	SBTS	NSLF SSLF GBLC	GREENBLOTCHED ROCKFISH	SEBASTES ROSENBLATTI
GRND	ROCK	SBTS	NSLF SSLF GSPT	GREENSPOTTED ROCKFISH	SEBASTES CHLOROSTICTUS
GRND	ROCK	SBTS	NSLF SSLF GSRK	GREENSTRIPED ROCKFISH	SEBASTES ELONGATUS
GRND	ROCK	SBTS	NSLF SSLF HBRK	HALFBANDED ROCKFISH	SEBASTES SEMICINCTUS
GRND	ROCK	SBTS	NSLF SSLF HNYC	HONEYCOMB ROCKFISH	SEBASTES UMBROSUS
GRND	ROCK	SBTS	NSLF SSLF MXRF	MEXICAN ROCKFISH	SEBASTES MACDONALDI
GRND	ROCK	SBTS	NSLF SSLF PGMY	PYGMY ROCKFISH	SEBASTES WILSONI
GRND	ROCK	SBTS	NSLF SSLF PNKR	PINK ROCKFISH	SEBASTES EOS
GRND	ROCK	SBTS	NSLF SSLF PRRK	PINKROSE ROCKFISH	SEBASTES SIMULATOR
GRND	ROCK	SBTS	NSLF SSLF REDS	REDSTRIPE ROCKFISH	SEBASTES PRORIGER
GRND	ROCK	SBTS	NSLF SSLF ROSY	ROSY ROCKFISH	SEBASTES ROSACEUS
GRND	ROCK	SBTS	NSLF SSLF RSTN	ROSETHORN ROCKFISH	SEBASTES HELVOMACULATUS
GRND	ROCK	SBTS	NSLF SSLF SLGR	SILVERGREY ROCKFISH	SEBASTES BREVISPINIS
GRND	ROCK	SBTS	NSLF SSLF SPKL	SPECKLED ROCKFISH	SEBASTES OVALIS
GRND	ROCK	SBTS	NSLF SSLF SQRS	SQUARESPOT ROCKFISH	SEBASTES HOPKINSI
GRND	ROCK	SBTS	NSLF SSLF STAR	STARRY ROCKFISH	SEBASTES CONSTELLATUS
GRND	ROCK	SBTS	NSLF SSLF STRK	STRIPETAIL ROCKFISH	SEBASTES SAXICOLA
GRND	ROCK	SBTS	NSLF SSLF SWSP	SWORDSPINE ROCKFISH	SEBASTES ENSIFER
GRND	ROCK	SBTS	NSLF SSLF TGR1	NOM. TIGER ROCKFISH	N/A
GRND	ROCK	SBTS	NSLF SSLF TIGR	TIGER ROCKFISH	SEBASTES NIGROCINCTUS
GRND	ROCK	SBTS	NSLF SSLF USLF	UNSP. SHELF ROCKFISH	N/A
GRND	ROCK	SBTS	NSLF SSLF VRML	VERMILION ROCKFISH	SEBASTES MINIATUS
GRND	ROCK	SBTS	NSLP NUSP	NOR. UNSP. SLOPE ROCKFISH	N/A
GRND	ROCK	SBTS	NSLP SNOS	SPLITNOSE ROCKFISH	SEBASTES DIPLOPROA
GRND	ROCK	SBTS	NSLP SSLP ARRA	AURORA ROCKFISH	SEBASTES AURORA
GRND	ROCK	SBTS	NSLP SSLP BANK	BANK ROCKFISH	SEBASTES RUFUS
GRND	ROCK	SBTS	NSLP SSLP BLGL	BLACKGILL ROCKFISH	SEBASTES MELANOSTOMUS

SPECIES HIERARCHY						COMMON NAME	SCIENTIFIC NAME
MGRP [CPLX1,2] SPID							
GRND	ROCK	SBTS	NSLP	SSLP	RDBD	REDBANDED ROCKFISH	SEBASTES BABCOCKI
GRND	ROCK	SBTS	NSLP	SSLP	REYE	ROUGHEYE ROCKFISH	SEBASTES ALEUTIANUS
GRND	ROCK	SBTS	NSLP	SSLP	SHRP	SHARPCHIN ROCKFISH	SEBASTES ZACENTRUS
GRND	ROCK	SBTS	NSLP	SSLP	SRKR	SHORTRAKER ROCKFISH	SEBASTES BOREALIS
GRND	ROCK	SBTS	NSLP	SSLP	USLP	UNSP. SLOPE ROCKFISH	N/A
GRND	ROCK	SBTS	NSLP	SSLP	YMTH	YELLOWMOUTH ROCKFISH	SEBASTES REEDI
GRND	ROCK	SBTS	ORCK			OTHER ROCKFISH	N/A
GRND	ROCK	SBTS	PUGT			PUGET SOUND ROCKFISH	SEBASTES EMPHAEUS
GRND	ROCK	SBTS	SSLF	FLAG		FLAG ROCKFISH	SEBASTES RUBRIVINCTUS
GRND	ROCK	SBTS	SSLF	SUSF		SOU. UNSP. SHELF ROCKFISH	N/A
GRND	ROCK	SBTS	SSLF	YTRK		YELLOWTAIL ROCKFISH	SEBASTES FLAVIDUS
GRND	ROCK	SBTS	SSLP	SUSP		SOU. UNSP. SLOPE ROCKFISH	N/A
GRND	ROCK	SBTS	SUSR			SOU. UNSP. NEAR-SHORE ROC	N/A
GRND	ROCK	SBTS	YEYE			YELLOW EYE ROCKFISH	SEBASTES RUBERRIMUS
GRND	ROCK	SCOR				CALIFORNIA SCORPIONFISH	SCORPAENA GUTATTA
GRND	ROCK	SCR1				NOM. CALIF. SCORPIONFISH	N/A
GRND	ROCK	SRCK				__SLOPE-91 ROCKFISH	N/A
GRND	ROCK	SRKG				__SHORTRAKER GROUP	N/A
GRND	ROCK	SSHR				SOUTHERN NEAR-SHORE ROCKF	N/A
GRND	ROCK	SSLF				SOUTHERN SHELF ROCKFISH	N/A
GRND	ROCK	SSLF	FLG1			NOM. FLAG ROCKFISH	N/A
GRND	ROCK	SSLF	YTR1			NOM. YELLOWTAIL ROCKFISH	N/A
GRND	ROCK	SSLP				SOUTHERN SLOPE ROCKFISH	N/A
GRND	ROCK	SSLP	POP			PACIFIC OCEAN PERCH	SEBASTES ALUTUS
GRND	ROCK	SSLP	POP2			NOMINAL POP	N/A
GRND	ROCK	SSLP	UPOP			UNSP. POP GROUP	N/A
GRND	ROCK	SSRD				Deep So. Near-shore RF	N/A
GRND	ROCK	SSRS				Shallow So. Near-shore RF	N/A
GRND	ROCK	TRNY				__THORNYHEADS COMPLEX	SEBASTOLOBUS SPP.
GRND	ROCK	TRNY	LSP1			NOM. LONGSPINE THORNYHEAD	N/A
GRND	ROCK	TRNY	LSPN			LONGSPINE THORNYHEAD	SEBASTOLOBUS ALTIVELIS
GRND	ROCK	TRNY	SSP1			NOM. SHORTSPINE THORNYHEA	N/A
GRND	ROCK	TRNY	SSPN			SHORTSPINE THORNYHEAD	SEBASTOLOBUS ALASCANUS
GRND	ROCK	TRNY	THD1			NOM. THORNYHEADS	N/A
GRND	ROCK	TRNY	THDS			THORNYHEADS (MIXED)	SEBASTOLOBUS SPP.
GRND	ROCK	UDM1				UNSP. DEMERSAL -91	N/A
GRND	ROCK	UDSR				UNSP. DEMERSAL RKFSH	N/A
GRND	ROCK	UDW1				SHORTRAKER+ROUGHEYE	N/A
GRND	ROCK	UPLG				UNSP. PELAGIC RKFSH	N/A
GRND	ROCK	URCK				UNSP. ROCKFISH	N/A
GRND	ROCK	URK1				SRKR+REYE+NRCK+SHRP	N/A
GRND	ROCK	USLR				UNSP. SLOPE RKFSH	N/A
GRND	ROCK	USR1				UNSP. SLOPE-91	N/A
GRND	ROCK	USR2				UNSP. SLOPE-93	N/A
GRND	ROCK	WDOW				WIDOW ROCKFISH	SEBASTES ENTOMELAS
GRND	ROCK	WDW1				NOM. WIDOW ROCKFISH	N/A
GRND	ROCK	YEY1				NOM. YELLOW EYE ROCKFISH	N/A
GRND	ROND	AMCK				ATKA MACKEREL	PLEUROGRAMMUS MONOPTERYGIUS
GRND	ROND	CBZ1				NOM. CABEZON	N/A
GRND	ROND	CBZN				CABEZON	SCORPAENICHTHYS MARMORATUS
GRND	ROND	CPLN				CAPELIN	MALLOTUS VILLOSUS
GRND	ROND	KGL1				NOM. KELP GREENLING	N/A
GRND	ROND	KLPG				KELP GREENLING	HEXAGRAMMOS DECAGRAMMUS
GRND	ROND	LCOD				LINGCOD	OPHIODON ELONGATUS
GRND	ROND	ORND				OTHER ROUND FISH	N/A
GRND	ROND	PCOD				PACIFIC COD	GADUS MACROCEPHALUS
GRND	ROND	PLCK				WALLEYE POLLOCK	THERAGRA CHALCOGRAMMA
GRND	ROND	PWHT				PACIFIC WHITING	MERLUCCIIUS PRODUCTUS
GRND	ROND	ROND				__ALL ROUND FISH	N/A
GRND	ROND	RRND				REMAINING ROUND FISH	N/A
GRND	ROND	SABL				SABLEFISH	ANOPILOPOMA FIMBRIA
GRND	ROND	URND				UNSP. ROUND FISH	N/A
HMSP						__HIGHLY MIGRATORY	N/A
HMSP	DRDO					DORADO	CORYPHAENA HIPPIURUS
HMSP	MRLN					STRIPED MARLIN	TETRAPTERUS AUDAX
HMSP	SHRK	BSRK				BLUE SHARK	PRIONACE GLAUCA
HMSP	SHRK	ISRK				BIGEYE THRESHER SHARK	ALOPIAS SUPERCILIOUS
HMSP	SHRK	MAKO				SHORTFIN MAKU	ISURUS OXYRINCHUS

SPECIES HIERARCHY			COMMON NAME	SCIENTIFIC NAME
MGRP	[CPLX1,2]	SPID		
HMSP	SHRK	PSRK	PELAGIC THRESHER SHARK	ALOPIAS PELAGICUS
HMSP	SHRK	TSRK	COMMON THRESHER SHARK	ALOPIAS VULPINUS
HMSP	SWRD		SWORDFISH	XIPHIAS GLADIUS
HMSP	TUNA	ALBC	ALBACORE	THUNNUS ALALUNGA
HMSP	TUNA	BTNA	BLUEFIN TUNA	THUNNUS THYNNUS
HMSP	TUNA	ETNA	BIGEYE TUNA	THUNNUS OBESUS
HMSP	TUNA	STNA	SKIPJACK TUNA	EUTHYNNUS PELAMIS
HMSP	TUNA	UTNA	UNSPECIFIED TUNA	N/A
HMSP	TUNA	YTNA	YELLOWFIN TUNA	THUNNUS ALBACARES
OTHR			___OTHER SPECIES (NO M-GRO	N/A
OTHR	BASS		___ALL BASS	N/A
OTHR	BASS	GBAS	GIANT SEA BASS	STEREOLEPIS GIGAS
OTHR	BASS	OBAS	OTHER BASS	N/A
OTHR	BASS	WBAS	WHITE SEABASS	TRACTOSCION NOBILIS
OTHR	BMCK		BULLET MACKEREL	AUXIS ROCHEI
OTHR	BMRL		BLUE MARLIN	MAKAIRA MIGRICANS
OTHR	CEEL		SPOTTED CUSK-EEL	CHILARA TAYLORI
OTHR	CHLB		CALIFORNIA HALIBUT	PARALICHTHYS CALIFORNICUS
OTHR	CUDA		PACIFIC BARRACUDA	SPHYRAENA ARGENTEA
OTHR	ECHN		___ALL ECHINODERMS	N/A
OTHR	ECHN	OECH	OTHER ECHINODERM	N/A
OTHR	ECHN	OURC	OTHER SEA URCHINS	N/A
OTHR	ECHN	RURC	RED SEA URCHIN	STRONGYLOCENTROTUS FRANCISCANUS
OTHR	ECHN	UECH	UNSPECIFIED ECHINODERM	N/A
OTHR	ECHN	USCU	UNSP. SEA CUCUMBERS	N/A
OTHR	ECHN	UURC	UNSP. SEA URCHINS	N/A
OTHR	EELS		UNSPECIFIED EELS	N/A
OTHR	EULC		EULACHON	THALEICHTHYS PACIFICUS
OTHR	KFSH		GIANT KELPFISH	HETEROSTICHUS ROSTRATUS
OTHR	LOBS		CALIF. SPINY LOBSTER	PANULIRUS INTERRUPTUS
OTHR	MEEL		MONKEYFACE EEL	CEBIDICHTHYS VIOLACEUS
OTHR	MISC		MISC. FISH/ANIMALS	N/A
OTHR	MLSK		___ALL MOLLUSKS	N/A
OTHR	MLSK	OMSK	OTHER MOLLUSKS	N/A
OTHR	MLSK	UMSK	UNSPECIFIED MOLLUSKS	N/A
OTHR	MSC2		MISCELLANEOUS FISH	N/A
OTHR	MSHP		PLAINFIN MIDSHIPMAN	PORICHTHYS NOTATUS
OTHR	OANC		OTHER ANCHOVY	N/A
OTHR	OCRK		OTHER CROAKER	N/A
OTHR	OCTP		UNSP. OCTOPUS	N/A
OTHR	OTHR	LUVR	LOUVAR	LUVANUS IMPERIALIS
OTHR	OTHR	MOLA	COMMON MOLA	MOLA MOLA
OTHR	OTHR	POMF	PACIFIC POMFRET	BRAMA JAPONICA
OTHR	OTHR	SARY	PACIFIC SAURY	COLOLABIS SAIRA
OTHR	OWFS		OCEAN WHITEFISH	CAULOLATILUS PRINCEPS
OTHR	PBTR		PACIFIC BUTTERFISH	PEPRILUS SIMILLIMUS
OTHR	PHLB		PACIFIC HALIBUT	HIPPOGLOSSUS STENOLEPIS
OTHR	PROW		PROWFISH	ZAPRORA SILENUS
OTHR	QFSH		QUEENFISH	SERIPHUS POLITUS
OTHR	RCKG		ROCK GREENLING	HEXAGRAMMOS LAGOCEPHALUS
OTHR	RGL1		NOM. ROCK GREENLING	N/A
OTHR	SAIL		SAILFISH	ISTIPHORUS PLATYPTERUS
OTHR	SCLP		UNSP. SCULPIN	COTTIDAE SPP.
OTHR	SHAD		UNSPECIFIED SHAD	N/A
OTHR	SHPD		CALIFORNIA SHEEPHEAD	SEMICOSSYPHUS PULCHER
OTHR	SHRK	ASRK	PACIFIC ANGEL SHARK	SQUATINA CALIFORNICA
OTHR	SHRK	OSRK	OTHER SHARK	N/A
OTHR	SHRK	USRK	UNSP. SHARK	N/A
OTHR	SKAT		___ALL SKATES & RAYS	N/A
OTHR	SKAT	BTRY	BAT RAY	MYLIOBATIS CALIFORNICA
OTHR	SKAT	OSKT	OTHER SKATES	OTHER RAJIDAE
OTHR	SMLT		UNSP. SMELT	N/A
OTHR	SQID		UNSP. SQUID	DECAPODA
OTHR	SRFP		SURFPERCH SPP.	SURFPERCH SPP.
OTHR	SSCL		SHARPNOSE SCULPIN	CLINOCOTTUS ACUTICEPS
OTHR	STRG		___ALL STURGEON	N/A
OTHR	STRG	GSTG	GREEN STURGEON	ACIPENSER MEDIROSTRIS
OTHR	STRG	USTG	UNSP. STURGEON	N/A

SPECIES HIERARCHY MGRP [CPLX1,2] SPID	COMMON NAME	SCIENTIFIC NAME
OTHR STRG WSTG	WHITE STURGEON	ACIPENSER TRANSMONTANUS
OTHR TCOD	PACIFIC TOMCOD	MICROGADUS PROXIMUS
OTHR TUNA BSJK	BLACK SKIPJACK	EUTHYNNUS LINEATUS
OTHR TUNA OTNA	OTHER TUNA	N/A
OTHR UHAG	UNSPECIFIED HAGFISH	EPTATRETUS SP.
OTHR UHLB	UNSPECIFIED HALIBUT	N/A
OTHR WCRK	WHITE CROAKER	GENYONEMUS LINEATUS
OTHR WEEL	WOLF EEL	ANARRICHTHYS OCELLATUS
OTHR WHOO	WAHOO	ACATHOCYBIUM SOLANDRI
OTHR YLTL	YELLOWTAIL	SERIOLA LALANDEI
SAMN	__ALL SALMON	N/A
SAMN CHNK	CHINOOK SALMON	ONCORHYNCHUS TSHAWYTSCHA
SAMN CHUM	CHUM SALMON	ONCORHYNCHUS KETA
SAMN COHO	COHO SALMON	ONCORHYNCHUS KISUTCH
SAMN PINK	PINK SALMON	ONCORHYNCHUS GORBUSCHA
SAMN SOCK	SOCKEYE SALMON	ONCORHYNCHUS NERKA
SAMN STLH	STEELHEAD	ONCORHYNCHUS MYKISS
SAMN USMN	UNSP. SALMON	N/A
SHLL	__ALL SHELLFISH	N/A
SHLL ABLN	__ALL ABALONE	N/A
SHLL ABLN BABL	BLACK ABALONE	HALIOTIS CRACHERODII
SHLL ABLN GABL	GREEN ABALONE	HALIOTIS FULGENS
SHLL ABLN OABL	OTHER ABALONE	N/A
SHLL ABLN PABL	PINK ABALONE	HALIOTIS CORRUGATA
SHLL ABLN RABL	RED ABALONE	HALIOTIS RUFESCENS
SHLL ABLN UABL	UNSPECIFIED ABALONE	N/A
SHLL ABLN WABL	WHITE ABALONE	HALIOTIS SORENSENI
SHLL CLAM	__ALL CLAMS	N/A
SHLL CLAM BCLM	BUTTER CLAM	SAXIDOMUS GIGANTEUS
SHLL CLAM BMSL	BLUE OR BAY MUSSEL	MYTILUS EDULUS
SHLL CLAM CKLE	BASKET COCKLE	CLINOCARDIUM NUTTALLII
SHLL CLAM CMSL	CALIFORNIA MUSSEL	MYTILUS CALIFORNIANUS
SHLL CLAM GCLM	GAPER CLAM	TRESUS CAPAX
SHLL CLAM GDUK	GEODUCK	PANOPE ABRUPTA
SHLL CLAM HCLM	HORSE CLAMS	TRESUS SPP.
SHLL CLAM JCLM	CALIFORNIA JACKKNIFE CLAM	TAGELUS CALIFORNIANUS
SHLL CLAM LCLM	NATIVE LITTLENECK	PROTOTHACA STAMINEA
SHLL CLAM MACL	MUD CLAMS	MACOMA SPP.
SHLL CLAM MCLM	MANILA CLAM	TAPES PHILIPPINARUM
SHLL CLAM OCLM	OTHER CLAM	N/A
SHLL CLAM PCLM	PISMO CLAM	TIVELA STULTORUM
SHLL CLAM PRCL	PURPLE CLAM	MUTTALLIA NUTTALLI
SHLL CLAM QCLM	NORTHERN QUAHOG CLAM	MERCENARIA MERCENARIA
SHLL CLAM RCLM	RAZOR CLAM	SILIQUA PATULA
SHLL CLAM RZCL	ROSY RAZOR CLAM	SOLENI SICARIUS
SHLL CLAM SCLM	SOFT-SHELLED CLAM	MYA ARENARIA
SHLL CLAM UCLM	UNSPECIFIED CLAM	N/A
SHLL CLAM WCLM	WASHINGTON CLAM	SAXIDOMUS NUTTALLI
SHLL OYST	__ALL OYSTERS	N/A
SHLL OYST ESTR	EASTERN OYSTER	CRASSOSTREA VIRGINICA
SHLL OYST EURO	EUROPEAN OYSTER	OSTREA EDULIS
SHLL OYST KSTR	KUMAMOTO OYSTER	CRASSOSTREA GIGAS
SHLL OYST LSTR	OLYMPIA OYSTER	OSTREA LURIDA
SHLL OYST OSTR	OTHER OYSTER	N/A
SHLL OYST PSTR	PACIFIC OYSTER	CRASSOSTREA GIGAS
SHLL OYST USTR	UNSPECIFIED OYSTER	N/A
SHLL SCAL	__ALL SCALLOPS	N/A
SHLL SCAL OSCL	OTHER SCALLOP	N/A
SHLL SCAL USCL	UNSPECIFIED SCALLOP	N/A
SRMP	__ALL SHRIMP & PRAWNS	N/A
SRMP BSRM	UNSP. BAIT SHRIMP	N/A
SRMP GPRW	GOLDEN PRAWN	PENAEUS CALIFORNIENSIS
SRMP GSRM	GHOST SHRIMP	CALLIANASSA CALIFORNIENSIS
SRMP MSRM	MUD SHRIMP	UPOGEBIA PUGETTENSIS
SRMP OSRM	OTHER SHRIMP	N/A
SRMP PSHP	PINK SHRIMP	PANDALUS JORDANI
SRMP RPRW	RIDGEBACK PRAWN	EUSICYONIA INGENTUS
SRMP SPRW	SPOTTED PRAWN	PANDALUS PLATYCEROS

SPECIES HIERARCHY		
MGRP [CPLX1,2] SPID	COMMON NAME	SCIENTIFIC NAME

SRMP USRM	UNSP. OCEAN SHRIMP	N/A
XXXX XXXX	UNKNOWN SPECIES	

*PacFIN Source: http://www.psmfc.org/pacfin/sp_tree.lst

Table 10b. Hierarchical listing of Gear Types (GR table)

GEAR GROUP, GRID	DESCRIPTION
ALL	ALL GEARS
_NET	ALL NET GEAR EXCEPT TRAWL
_TML	TRAMMEL
_GLN	GILL NET
_STN	SET NET
_DPN	DIP NET
_SEN	SEINE
_ONT	OTHER NET GEAR
_SGN	SUNKEN GILLNET
_DGN	DRIFT GILL NET
_TWL	ALL TRAWLS EXCEPT SHRIMP TRAWLS
_MDT	MIDWATER TRAWL
_FFT	FLATFISH TRAWL
_BTT	BOTTOM TRAWL
_GFT	GROUND FISH TRAWL (OTTER)
_BMT	BEAM TRAWL
_OTW	OTHER TRAWL GEAR
_CBF	BOTTOM TRAWL, CATCHER BOAT, FOREIGN
_CBJ	BOTTOM TRAWL, CATCHER BOAT, JV
_SFZ	BOTTOM TRAWL, SMALL FREEZER TRAWLER
_LFZ	BOTTOM TRAWL, LARGE FREEZER TRAWLER
_SRM	BOTTOM TRAWL, SURIMI TRAWLER
_MPT	MIDWATER TRAWL - CATCHER/PROCESSOR
_RLT	ROLLER TRAWL
_PRT	PAIR TRAWL
_GFS	GROUND FISH TRAWL, FOOTROPE < 8 in.
_GFL	GROUND FISH TRAWL, FOOTROPE > 8 in.
_DNT	DANISH/SCOTTISH SEINE (TRAWL)
_POT	ALL POT AND TRAP GEAR
_CPT	CRAB POT
_LPT	LOBSTER POT
_PRW	PRAWN TRAP
_SPT	SNAIL POT
_FPT	FISH POT
_CLP	CRAB AND LOBSTER POT
_OPT	OTHER POT GEAR
_HKL	ALL HOOK AND LINE GEAR EXCEPT TROLL
_HLR	HOOK AND LINE (RECREATIONAL)
_LGL	LONGLINE OR SETLINE
_STL	SETLINE
_JIG	JIG
_HDL	HAND LINE
_DRL	DROP LINE
_POL	POLE (COMMERCIAL)
_OHL	OTHER HOOK AND LINE GEAR
_VHL	VERTICAL HOOK AND LINE GEAR
_DRG	ALL DREDGE GEAR
_SCD	SCALLOP DREDGE
_ODG	OTHER DREDGE GEAR
_TWS	ALL SHRIMP TRAWLS
_PWT	PRAWN TRAWL
_SST	SHRIMP TRAWL, SINGLE RIGGED
_DST	SHRIMP TRAWL, DOUBLE RIGGED
_SHT	SHRIMP TRAWL, SINGLE OR DOUBLE RIG
_TLS	ALL TROLL GEAR
_TRL	TROLL
_HTR	HAND TROLL
_PTR	POWER GURDY TROLL
_BTR	BOTTOMFISH TROLL
_MSC	ALL OTHER MISCELLANEOUS GEAR
_RVT	RIVER TRAWL
_OTH	OTHER KNOWN GEAR
_USP	UNKNOWN OR UNSPECIFIED GEAR
_DVG	DIVING GEAR

*PacFIN Source: http://www.psmfc.org/pacfin/gr_tree.lst