

**1999 PACIFIC WHITING FISHERY
FOR NON-TRIBAL MOTHERSHIPS AND CATCHER/PROCESSORS
(Based on Preliminary Observer Data)**

TABLE 1. SUMMARY - CUMULATIVE NON-TRIBAL CATCH OF ALL SPECIES

Groundfish	Retention (mt)	Discard (mt)	Total (mt)
Pacific whiting	114,274.57	984.57	115,259.14
Rockfish	26.73	855.76	882.48
Flatfish	1.19	2.07	3.26
All other groundfish	33.66	222.60	256.26
TOTAL	114,336.15	2,065.00	116,401.15
Prohibited Species		Number of fish	
Halibut		47	
Salmon		5,193	

TABLE 2. NON-TRIBAL ROCKFISH CATCH AND RATIO BY AREA (in metric tons)

ROCKFISH	VANCOUVER - 670			COLUMBIA - 710			TOTAL WOC		
	Ret	Dis	Tot	Ret	Dis	Tot	RET	DIS	TOT
Bocaccio	0.03	0.23	0.27	0.00	0.05	0.05	0.03	0.29	0.32
Other rockfish	1.63	22.69	24.32	0.62	8.20	8.82	2.26	30.89	33.15
POP	1.22	7.48	8.70	0.62	4.83	5.45	1.84	12.31	14.15
Thornyhead	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.02	0.02
Canary	0.05	0.60	0.64	0.16	0.41	0.57	0.21	1.01	1.22
Yellowtail	11.09	456.61	467.71	8.94	207.49	216.43	20.03	664.10	684.13
Widow	0.50	47.92	48.42	1.85	98.68	100.54	2.35	146.60	148.95
Chili-pepper	0.00	0.54	0.54	0.00	0.00	0.00	0.00	0.54	0.54
Shortbelly	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL ROCKFISH	14.52	538.07	550.60	12.20	319.69	331.89	26.73	855.76	882.48
TOTAL WHITING	62,930.46	652.54	63,583.01	51,344.11	332.03	51,676.14	114,274.57	984.57	115,259.14
Rockfish /Whiting (mt/mt)	0.0087			0.0064			0.0077*		

* Joint venture 11-year average coastwide was 0.007.

Trace = less than 0.5 mt. Slight discrepancies occur due to rounding.

TABLE 3. NON-TRIBAL SALMON CATCH AND RATIO BY AREA

	VANCOUVER - 670	COLUMBIA - 710	EUREKA - 720*	TOTAL
Chinook (no.)	3,651	740	N	4,391
Other salmon (no.)	270	532	O	802
TOTAL salmon (no.)	3,922	1,271	F	5,193
Whiting (mt)	63,583.01	51,676.14	I	115,259.14
No. chinook/mt whiting	0.0574	0.0143	S	0.0381
JV average 1981-90 (# all sal/mt whiting)	0.16	0.09	H	0.11**
			I	
			N	
			G	

* At-sea processing could occur only north of 42°; JV could operate down to 39°.
 **Monterey area north of 39° rate was 0.03 salmon per mt whiting.

TABLE 4. CATCH BY NON-TRIBAL MOTHERSHIPS AND CATCHER/PROCESSORS

SPECIES	MOTHERSHIP					CATCHER/PROCESSOR					TOTAL WOC
	RETAIN (mt) (%)		DISCARD (mt) (%)		TOTAL (mt)	RETAIN (mt) (%)		DISCARD (mt) (%)		TOTAL (mt)	
Whiting	46959.74	99	620.51	1	47580.25	67314.84	99	364.06	1	67678.89	115259.14
Rockfish	6.09	2	314.42	98	320.51	20.64	4	541.33	96	561.97	882.48
Flatfish	0.00	0	0.64	100	0.64	1.19	46	1.43	54	2.62	3.26
All other groundfish	0.34	0	128.68	100	129.03	33.31	26	93.92	74	127.23	256.26
TOTAL	46966.17	98	1064.26	2	48030.43	67369.98	99	1000.73	1	68370.71	116401.15
SALMON				%	No.				%	No.	
Chinook				77	1687				90	2704	4391
Other				23	506				10	296	802
Total				100	2193				100	3000	5193
No. chinook/mt whiting					0.0355					0.0400	0.0381

* does not include jack mackerel

TABLE 5. CATCH OF ROCKFISH BY NON-TRIBAL MOTHERSHIPS AND CATCHER/PROCESSORS (metric tons)

ROCKFISH SPECIES	MOTHERSHIP	CATCHER/PROCESSOR	TOTAL
Bocaccio	0.07	0.25	0.32
Other rockfish	14.32	18.83	33.15
POP	4.44	9.71	14.15
Thornyheads	0.00	0.02	0.02
Canary	0.19	1.03	1.22
Yellowtail	253.26	430.87	684.13
Widow	47.70	101.25	148.95
Chilipepper	0.54	0.00	0.54
Shortbelly	0.00	0.00	0.00
TOTAL ROCKFISH	320.51	561.97	882.48
Mt whiting	47,580.25	67,679.89	115,259.14
Mt rockfish/mt whiting	0.0067	0.0083	0.0077

Trace = less than 0.5 mt. Slight discrepancies occur due to rounding.

Table 6. 1992-1999 PACIFIC WHITING NON-TRIBAL AT-SEA PROCESSING VESSELS (NMFS Observer Data)

COMMON NAME		WEIGHT (mt)							
		1992	1993	1994	1995	1996	1997	1998	1999
R	Pacific whiting	152448.4	99102.9	179072	102158.0	112776.1	121172.2	120452.1	115259.1
O	Pacific cod	0.068	0.039	0.069	0.02	0.00	0.01	0.00	0.04
U	Lingcod	0.470	0.035	0.177	0.02	0.07	0.14	0.11	0.06
N	Jack mackerel	854.986	6.226	62.180	0.05	60.19	13.18	229.14	
D	Sablefish	72.815	11.434	0.598	9.17	6.57	0.81	27.83	2.10
F	Arrowtooth	2.574	0.117	2.768	1.44	0.57	0.16	1.04	3.21
L	Dover sole	0.116	0.026	0.009	0.00	0.09	0.00	0.01	0.00
A	English sole	0.036	0.047	0.044	0.00	0.01	0.00	0.00	0.02
T	Petrale sole	0.006	0.00	0.002	0.00	0.00	0.00	0.00	0.00
F	Rex sole	1.487	0.192	0.341	0.39	0.22	0.04	0.36	0.02
I	Rock sole	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
S	Starry flounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H	All other flatfish	0.413	0.005	0.253	0.01	0.00	0.05	0.01	0.01
R	Bocaccio	7.319	1.091	1.488	0.38	0.15	0.21	1.21	0.32
O	Canary rockfish	1.806	0.720	4.831	0.31	1.22	1.81	2.72	1.22
C	Chilipepper	2.423	0.017	5.856	28.17	0.00	0.01	0.01	0.54
K	Pacific oc. perch	341.028	1.823	61.557	43.79	5.99	3.28	21.28	14.15
F	Shortbelly	51.519	0.043	1.908	10.16	6.15	0.76	0.02	0.00
I	Thornyhead	9.660	0.413	0.212	5.78	1.93	0.46	2.51	0.02
S	Widow rockfish	410.050	184.269	377.171	240.53	266.57	207.21	292.76	148.95
H	Yellowtail	638.520	307.625	619.823	792.92	630.95	290.15	376.98	684.13
	Other rockfish spp	89.620	16.087	42.862	91.72	35.5	81.56	62.36	33.15
	Other groundfish 2/	399.783	64.748	106.722	211.73	98.30	217.27	218.07	254.05
	TOTAL GROUND FISH	155,333	99,698	180,361	103,595	113,891	121,989	121,689	116,401
N	Pacific mackerel 3/	853.979	46.584	51.889	0.00	244.34	54.15	458.78	1.47
O	Jack mackerel								53.84
N	Pacific sardine	30.576	0.615	1.564	0.220	0.37	0.31	1.94	0.18
		NUMBER OF FISH INCIDENTALLY CAUGHT							
PROHIBITED SPECIES		1992	1993	1994	1995	1996	1997	1998	1999
Chinook Salmon		4,867	4,843	3,626	11,578	1,446	1,398	1,477	4,391
Other Salmon 3/		204	3/ 3,530	375	4,414	279	924	27	802
TOTAL SALMON		5,071	8,373	4,001	15992	1,725	2,322	1,504	5,193
Percent Chinook Salmon		96.0	57.8	90.6	72.4	83.8	60.2	98.2	84.6
No. Chinook/MT whiting		0.0319	0.0489	0.0202	0.1133	0.0128	0.0115	0.0123	0.0381
Pacific Halibut		17	32	54	9	42	9	7	47

1/ Defined as sharks, skates, kelp greenling, cabezon, ratfish, morids, and grenadiers.
 2/ Non-groundfish species that are incidental to the whiting fishery, but which are not prohibited.
 3/ In 1995, approximately 1,575 were pink salmon.
 Trace = less than 0.5 mt. Slight discrepancies occur due to rounding.

1999 PACIFIC WHITING FISHERY
ALL SECTORS

TABLE 1 - Comparative Annual Catches of Yellowtail Rockfish, Widow rockfish, Salmon, Halibut and Miscellaneous Groundfish in the Pacific Whiting Fishery, 1999.

SPECIES	MOTHERSHIPS PROCESSORS						CATCHER/ PROCESSORS mt	SHORE-BASED PROCESSORS mt	TOTAL WOC Rate
	TRIBAL MOTHERSHIPS mt	NON-TRIBAL MOTHERSHIPS mt	NON-TRIBAL MOTHERSHIPS Rate	ALL * MOTHERSHIPS mt	ALL * MOTHERSHIPS Rate	SHORE-BASED PROCESSORS Rate			
Whiting Allocation	32,500	47,900		80,400		67,800	83,800	232,000	
WHITING	25,844	47,580		73,424		67,679	83,350	224,453	
Yellowtail Rockfish	451	253	0.0053	704	0.0096	431	481	1,616	0.0072
Widow Rockfish	37	48	0.0010	85	0.0011	101	192	378	0.0017
All other groundfish	216	149		365		160	1,026	1,551	
TOTAL GROUND FISH	26,548	48,030		74,578		68,371	85,049	227,998	
Percent over/under Whiting Allocation	-20.5	-0.7		-8.7		-0.2	-0.5	-3.2	
Chinook	4,497	1,687	0.0355	6,184	0.084	2,704	1,696	10,584	0.0472
Non-Chinook	278	506		784		296	16	1,096	
Total Salmon	4,775	2,193		6,968		3,000	1,712	11,680	
Halibut	22	25		47		22	35	104	

Data sources: Catcher/processor and mothership data is total catch data (retained plus discard) from Alaska Fisheries Science Center Observer Program. Shore-based data from Oregon Department of Fish and Wildlife, 1998 Pacific whiting shoreside observation program report (12/18/98).
* Sum of tribal and non-tribal data.