

STATISTICS OF UNITED STATES CATCHES AND  
EFFORT OF GROUND FISH SPECIES, SHRIMP AND  
HERRING CAUGHT IN THE BERING SEA AND  
N.E. PACIFIC--1978 (Preliminary)

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At the time of compilation of these tables, data from the State of Alaska are not available. Data for California are preliminary and only those of Washington and Oregon are in their final form.

This document presents the available statistics as follows:

Tables 1-~~3~~      Bering Sea statistics

Tables 4- 18     Northeast Pacific statistics

Table 1. Number of vessels, by type, fishing for groundfish, shrimp, and herring in the Bering Sea Region, by country, 1978. (Preliminary)

<u>Type of vessel</u>	<u>Number of vessel (U.S.A.)</u>
Gillnet	NA
Longline	29
Trawl	NA
Purse seine	NA

Table 2. Total catch of principal groundfish species, shrimp, and herring in the Bering Sea Region, by country, in metric tons (round weight), 1978. (Preliminary)

<u>Species</u>	<u>Catch</u>
Halibut	723
Total Groundfish	723
Herring	NA

Table 3. United States fishing effort and catch (metric tons, round weight) of halibut, by area, in the Bering Sea Region, 1978.

<u>Area</u>	<u>Effort</u> <u>1000's of skate</u>	<u>Catch</u>
West of 170°E	-	-
170°E - 180°	-	-
180° - 170°W	0.7	47
East of 170°W	3.6	151
Aleutian	12.4	525
TOTAL	16.7	723

Table 4. Number of vessels, by type, fishing for groundfish, shrimp, and herring in the Northeast Pacific Region, by country, 1978.\*

<u>Vessel type</u>	<u>Number of vessels (U.S.A.)</u>
Gillnet	344
Longline	197
Purse seine	46
Trawl	317
Pots	93
Shrimp	252

\*In addition 3 vessels fished by beach seine, 33 by handline jigger and 68 by setline.

Table 5. Total catch<sup>1/</sup> of principal groundfish species, shrimp, and herring in the Northeast Pacific Region, by country, in metric tons (round weight), 1978. (Preliminary)

<u>Species</u>	<u>Catch (U.S.A.)</u>
Black cod	10,457
Flatfish (other than halibut)	28,915
Halibut	7,350
Pacific cod	4,823
Pacific hake	655
Pacific Ocean Perch	2,507
Pacific pollock	894
Rockfish (other than Pacific Ocean Perch)	30,205
Other fishes	9,935
Total groundfishes	95,741
Shrimp	69,196
Herring	112

1/ California, Oregon, and Washington data only.

Table 6. United States fishing effort, by gear, and catch (metric tons; round weight) of principal groundfish species (excluding halibut) by area, in the Northeast Pacific Region, 1978. (Preliminary)

Effort and Catch	Shumagin	Chirikof	Kodiak	Yakutat	Southeastern	Charlotte	Vancouver	Columbia	Eureka	Monterey	Conception	Total
Effort												
Longline												
Stern trawl (hours)					116	1086	46526	46740	38664	40300	11200	184632
Troll and handline												
Catch total												
Blackcod					121	830	22441	23563	13908	20022	7506	88391
					67	+	948	1953	1334	3556	2599	10457
Flatfish total												
Dover sole					9	28	3867	8289	8739	7418	565	28915
English sole					1	5	730	3868	6300	4500	50	15454
Petrale sole					0	5	1483	1057	859	950	120	4474
Rock sole					0	8	688	1195	421	790	90	3192
Other flatfish					+	2	164	26	0	0	0	192
					8	8	802	2143	1159	1178	305	5603
Ling cod					33	15	719	791	476	1093	227	3354
Pacific cod					7	204	3768	844	+	0	0	4823
Pacific hake					0	0	7	383	265	0	0	655
Rockfish total												
Pacific ocean perch					5	561	6210	10994	3032	7815	4095	32712
Other rockfish					1	37	1248	1154	67	0	0	2507
					4	524	4962	9840	2965	7815	4095	30205
Other					0	22	4862	309	62	140	20	5415
Industrial					0	0	2060	0	0	0	0	0

Table 7. United States fishing effort, by gear, and catch (metric tons, round weight) of halibut, by area, in the Northeast Pacific Region, 1978. (Preliminary)

<u>Area</u>	<u>Effort (1000's of skates)</u>	<u>Catch</u>
Shumagin	4.4	158
Chirikof	12.5	415
Kodiak	78.1	3,596
Yakutat	20.1	921
Southeastern	66.0	2,057
Charlotte	2.8	137
Vancouver	2.0	47
Columbia	0.8	19
Eureka	-	-
Monterey	-	-
Conception	-	-
TOTAL	186.7	7,350

Table 8. United States catch<sup>a</sup> (metric tons, round weight) of shrimp,<sup>b</sup> by area, in the Northeast Pacific Region, 1978. (Preliminary)<sup>c</sup>

<u>Area</u>	<u>Catch</u>
Shumagin	} 33,070.1
Chirikof	
Kodiak	
Yakutat	} 672.5
Southeastern	
Charlotte	0
Vancouver	2,945.3
Columbia	25,147.8
Eureka	7,360.5
Monterey	NA
Conception	NA
TOTAL	NA

- Detailed information concerning U.S. shrimp catches, effort, and gear are available from the Pacific Marine Fisheries Commission.
- Primarily Pandalus sp. in Alaskan waters and P. jordani elsewhere.
- Complete data from State of California not available at this time.

Table 9. United States fishing effort, by gear, and catch<sup>1/</sup> (metric tons, round weight) of herring, by area, in the Northeast Pacific Region, 1978. (Preliminary)

Area	Effort			Catch
	Purse seine (Landings)	Gillnet (Set and drift Landings)	Pot and trap (Landings)	
Shumagin	-	-	-	-
Chirikof	-	-	-	-
Kodiak	NA	NA	NA	NA
Yakutat	-	-	-	-
Southeastern	NA	NA	NA	NA
Charlotte	-	-	-	-
Vancouver	-	-	-	-
Columbia	-	-	-	62.5 <sup>2/</sup>
Eureka	-	-	-	-
Monterey	-	NA	-	50.0
Conception	-	-	-	-
TOTAL	NA	NA	NA	NA

<sup>1/</sup> Data from State of Alaska not available at this time.

<sup>2/</sup> Catch in estuarine waters.

Table 10

United States catch of shrimp<sup>1/</sup> by INPFC areas, 1978 (preliminary).<sup>2/</sup>

Area	Catch in m.t.
Schumagin, Chirikof, Kodiak	33,070.1
Yakutat, Southeastern	672.5
Vancouver <sup>3/</sup>	2,945.3
Columbia	25,147.8
Eureka <sup>2/</sup>	7,360.6
Monterey, Conception <sup>2/</sup>	NA
TOTAL	

1/ Mostly Pandalus sp. in Alaska and P. jordani elsewhere.

2/ Does not include data from the state of California.

3/ In U.S. waters only.

Table 11

United States catch of herring<sup>1/</sup> by INPFC areas, 1978 (preliminary).

Area	Catch in m.t.
Columbia <sup>2/</sup>	62.5
Eureka	-
Monterey	50.0
Conception	-
TOTAL	112.5

1/ Data from Oregon, Washington, and California.

2/ In estuarine waters.



Table 12

Groundfish landings by INPFC area by gear , 1978  
(Preliminary)

Southeast in metric tons - December 4, 1979.

Species	Otter trawl	Shrimp trawl	Long- line	Pot & trap	Other gear	Recr.	Grand total
English Sole	0	0	0	0	0	0	0
Rock Sole	+	0	0	0	0	0	+
Petrale Sole	0	0	0	0	0	0	0
Dover Sole	1	0	0	0	0	0	1
Rex Sole	0	0	0	0	0	0	0
Starry Flounder	8	0	0	0	0	0	8
Arrowtooth Flounder	0	0	0	0	0	0	0
Other Flatfish	0	0	0	0	0	0	0
Pacific Cod	7	0	0	0	0	0	7
Ling Cod	+	0	33	0	0	0	33
Sablefish	+	0	67	0	0	0	67
Pac. Oc. Perch	1	0	0	0	0	0	1
Other Rockfish	0	0	4	0	0	0	4
Misc. Species	0	0	0	0	0	0	0
Dogfish	0	0	0	0	0	0	0
Hake	0	0	0	0	0	0	0
Pollock	0	0	0	0	0	0	0
Animal Food	0	0	0	0	0	0	0
Reduction	0	0	0	0	0	0	0
TOTAL	18	0	103	0	0	0	121
Trawl Hours	116						

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Table 13

Groundfish landings by INPFC area by gear, 1978  
(Preliminary)

Charlotte in metric tons - December 4, 1979.

Species	Otter trawl	Shrimp trawl	Long- line	Pot & trap	Other gear	Recr.	Grand total
English Sole	5	0	0	0	0	0	5
Rock Sole	2	0	0	0	0	0	2
Petrable Sole	8	0	0	0	0	0	8
Dover Sole	5	0	0	0	0	0	5
Rex Sole	1	0	0	0	0	0	1
Starry Flounder	0	0	0	0	0	0	0
Arrowtooth Flounder	7	0	0	0	0	0	7
Other Flatfish	0	0	0	0	0	0	0
Pacific Cod	204	0	0	0	0	0	204
Ling Cod	15	0	0	0	0	0	15
Sablefish	+	0	0	0	0	0	+
Pac. Oc. Perch	37	0	0	0	0	0	37
Other Rockfish	524	0	0	0	0	0	524
Misc. Species	+	0	0	0	0	0	+
Dogfish	20	0	0	0	0	0	20
Hake	0	0	0	0	0	0	0
Pollock	2	0	0	0	0	0	2
Animal Food	0	0	0	0	0	0	0
Reduction	0	0	0	0	0	0	0
TOTAL	831	0	0	0	0	0	831
Trawl Hours	1,086						

Table 14

Groundfish landings by INPFC area by gear, 1978  
(Preliminary)

Vancouver in metric tons - December 4, 1979.

Species	Otter trawl	Shrimp trawl	Long- line	Pot & trap	Other gear	Recr.	Grand total
English Sole	1478	0	0	0	4	+	1483
Rock Sole	153	0	+	0	3	8	164
Petrale Sole	685	2	+	0	0	0	688
Dover Sole	726	2	+	0	1	0	730
Rex Sole	38	+	0	0	1	0	39
Starry Flounder	374	0	0	0	1	3	378
Arrowtooth Flounder	142	0	0	0	0	0	142
Other Flatfish	199	2	0	0	+	43	243
Pacific Cod	3402	4	2	+	147	213	3768
Ling Cod	421	16	32	+	182	68	719
Sablefish	446	5	408	65	5	18	948
Pac. Oc. Perch	1248	0	0	0	0	0	1248
Other Rockfish	4381	80	40	1	203	257	4962
Misc. Species	60	0	0	0	84	108	254
Dogfish	680	0	779	0	1197	5	2662
Hake	7	0	0	0	+	0	7
Pollock	604	0	0	0	+	288	892
Animal Food	1050	0	0	0	4	0	1054
Reduction	2039	0	20	0	0	0	2060
TOTAL	18134	112	1283	66	1833	1013	22441
Trawl Hours	46,526						

Table 15

Groundfish landings by INPFC area by gear , 1978  
(Preliminary)

Columbia in metric tons - December 4, 1979.

Species	Otter trawl	Shrimp trawl	Long- line	Pot & trap	Other gear	Recr.	Grand total
English Sole	1053	4	0	0	1	0	1057
Rock Sole	25	+	0	0	+	+	26
Petrale Sole	1189	5	+	0	1	0	1195
Dover Sole	3841	26	+	+	+	0	3868
Rex Sole	827	5	0	0	+	0	832
Starry Flounder	533	4	0	0	8	48	594
Arrowtooth Flounder	256	4	0	0	+	0	259
Other Flatfish	451	2	+	0	2	3	458
Pacific Cod	816	23	2	+	1	1	844
Ling Cod	680	21	1	+	41	48	791
Sablefish	1145	44	282	452	29	2	1953
Pac. Oc. Perch	1149	5	0	0	0	0	1154
Other Rockfish	8671	627	28	10	314	190	9840
Misc. Species	187	+	0	0	+	59	247
Dogfish	55	0	1	0	0	3	59
Hake	382	0	0	0	1	0	383
Pollock	0	0	0	0	0	+	+
Animal Food	3	0	0	0	0	0	3
Reduction	0	0	0	0	0	0	0
TOTAL	21264	770	315	463	398	354	23564
Trawl Hours	46,740						

Table 16

Groundfish landings by INPFC area by gear , 1978  
(Preliminary)

Eureka in metric tons - December 4, 1979.

Species	Otter trawl	Shrimp trawl	Long- line	Pot & trap	Other gear	Recr.	Grand total
English Sole	859	+	0	0	0	0	859
Rock Sole	0	0	0	0	0	0	0
Petrale Sole	421	+	0	0	+	0	421
Dover Sole	6300	+	0	0	+	0	6300
Rex Sole	17	+	0	0	0	0	17
Starry Flounder	10	0	0	0	0	0	10
Arrowtooth Flounder	13	+	0	0	0	0	13
Other Flatfish	1115	1	0	0	2	1	1119
Pacific Cod	+	0	0	0	0	0	+
Ling Cod	336	5	0	+	115	19	476
Sablefish	1043	+	64	223	+	0	1334
Pac. Oc. Perch	67	+	0	0	0	0	67
Other Rockfish	2358	153	0	2	293	160	2965
Misc. Species	56	+	0	0	0	5	62
Dogfish	0	0	0	0	0	0	0
Hake	265	0	0	0	0	0	265
Pollock	0	0	0	0	0	0	0
Animal Food	0	0	0	0	0	0	0
Reduction	0	0	0	0	0	0	0
TOTAL	12859	161	64	225	414	185	13908
Trawl Hours	38,664						

Table 17

Groundfish landings by INPFC area by gear , 1978  
(Preliminary)

Monterey in metric tons - August 1980

Species	Otter trawl	Shrimp trawl	Long- line	Pot & trap	Other gear	Recr.	Grand total
English Sole	950	0	0	0	0	0	950
Rock Sole	0	0	0	0	0	0	0
Petrale Sole	790	0	0	0	0	0	790
Dover Sole	4500	0	0	0	0	0	4500
Rex Sole	0	0	0	0	0	0	0
Starry Flounder	0	0	0	0	0	0	0
Arrowtooth Flounder	0	0	0	0	0	0	0
Other Flatfish	1128	0	0	0	30	20	1178
Pacific Cod	0	0	0	0	0	0	0
Ling Cod	875	0	0	0	81	137	1093
Sablefish	1250	0	0	2306	0	0	3556
Pac. Oc. Perch	0	0	0	0	0	0	0
Other Rockfish	5500	65	0	0	1242	1008	7815
Misc. Species	140	0	0	0	0	0	140
Dogfish	0	0	0	0	0	0	0
Hake	0	0	0	0	0	0	0
Pollock	0	0	0	0	0	0	0
Animal Food	0	0	0	0	0	0	0
Reduction	0	0	0	0	0	0	0
TOTAL	15133	65	0	2306	1353	1165	20022
Trawl Hours	40,300						

Table 18

Groundfish landings by INPFC area by gear, 1978  
(Preliminary)

Conception in metric tons - August 1980

Species	Otter trawl	Shrimp trawl	Long- line	Pot & trap	Other gear	Recr.	Grand total
English Sole	120	0	0	0	0	0	120
Rock Sole	0	0	0	0	0	0	0
Petrale Sole	90	0	0	0	0	0	90
Dover Sole	50	0	0	0	0	0	50
Rex Sole	0	0	0	0	0	0	0
Starry Flounder	0	0	0	0	0	0	0
Arrowtooth Flounder	0	0	0	0	0	0	0
Other Flatfish	95	0	0	0	150	60	305
Pacific Cod	0	0	0	0	0	0	0
Ling Cod	25	0	0	0	107	95	227
Sablefish	90	0	0	2509	0	0	2599
Pac. Oc. Perch	0	0	0	0	0	0	0
Other Rockfish	1500	15	0	0	1121	1459	4095
Misc. Species	20	0	0	0	0	0	20
Dogfish	0	0	0	0	0	0	0
Hake	0	0	0	0	0	0	0
Pollock	0	0	0	0	0	0	0
Animal Food	0	0	0	0	0	0	0
Reduction	0	0	0	0	0	0	0
TOTAL	1990	15	0	2509	1378	1614	7506
Trawl Hours	11,200						