

Table DAYS: Number of days sampled during each survey, 1981-2000.

Survey #	Survey	# of Days Sampled
1	1981-1983 (15 months)	11113
2	1984 (11 months)	6325
3	1986-1987 (7 months)	1137
4	1999-2000 (9 months)	3157

Table: Total number of fish sampled in each area for all gear types during each survey, 1981-2000.

		Gear Name				
Survey	Survey Area	Hook-and-line	Spearfishing	H&L or Spearfishing	Shore Fishing	Grand Total
1981-1983 (15 months)	IMP	4569	1825	190	40	6624
	M_S	452	10	1		463
	OMP	3623	356	47		4026
1981-1983 (15 months) Total		8644	2191	238	40	11113
1984 (11 months)	IMP	3264	645		3	3912
	M_S	169	30			199
	OMP	1894	268	52		2214
1984 (11 months) Total		5327	943	52	3	6325
1986-1987 (7 months)	IMP	423	109			532
	M_S	65				65
	OMP	499	41			540
1986-1987 (7 months) Total		987	150			1137
1999-2000 (9 months)	IMP	1989	245			2234
	M_S	5				5
	OMP	852	66			918
1999-2000 (9 months) Total		2846	311			3157
Grand Total		17804	3595	290	43	21732

Table FISH NAMES. Common and scientific name of fishes sampled during all surveys, 1981-2000.

Species Common Name	Species Scientific Name
Albacore	Thunnus alalunga
Bat ray	Myliobatis californica
Black rockfish	Sebastes melanops
Black surfperch	Embiotoca jacksoni
Black-and-yellow rockfish	Sebastes chrysomelas
Blacksmith	Chromis punctipinnis
Blue rockfish	Sebastes mystinus
Blue shark	Prionace glauca
Bocaccio	Sebastes paucispinis
Brown rockfish	Sebastes auriculatus
Cabezon	Scorpaenichthys marmoratus
California butterfly ray	Pteroplatytrygon violacea
California halibut	Paralichthys californicus
California lizardfish	Synodus lucioceps
California sheephead	Semicossyphus pulcher
Canary rockfish	Sebastes pinniger
Chilipepper	Sebastes goodei
China rockfish	Sebastes nebulosus
C-O sole	Pleuronichthys coenosus
Common thresher	Alopias vulpinus
Copper rockfish	Sebastes caurinus
Cowcod	Sebastes levis
Curlfin sole	Pleuronichthys decurrens
Diamond turbot	Hypsopsetta guttulata
English sole	Parophrys vetulus
Flag rockfish	Sebastes rubrivinctus
Gopher rockfish	Sebastes carnatus
Grass rockfish	Sebastes rastrelliger
Greenspotted rockfish	Sebastes chlorostictus
Greenstriped rockfish	Sebastes elongatus
Halfmoon	Medialuna californiensis
Hornyhead turbot	Pleuronichthys verticalis
Jack mackerel	Trachurus symmetricus
Jacksmelt	Atherinopsis californiensis
Kelp bass	Paralabrax clathratus
Kelp greenling	Hexagrammos decagrammus
Kelp rockfish	Sebastes atrovirens
King salmon	Oncorhynchus tshawytscha
Lefteye flounders unident	Bothidae
Leopard shark	Triakis semifasciata
Lingcod	Ophiodon elongatus
Monkeyface-eel	Cebidichthys violaceus
Ocean sunfish (common mola)	Mola mola
Ocean whitefish	Caulolatilus princeps

Olive rockfish	Sebastes serranoides
Opaleye	Girella nigricans
Pacific bonito	Sarda chiliensis
Pacific hake	Merluccius productus
Pacific mackerel	Scomber japonicus
Pacific sanddab	Citharichthys sordidus
Petrale sole	Eopsetta jordani
Pile surfperch	Rhacochilus vacca
Quillback rockfish	Sebastes maliger
Rainbow surfperch	Hypsurus caryi
Rock sole	Lepidopsetta bilineata
Rosy rockfish	Sebastes rosaceus
Rubberlip surfperch	Rhacochilus toxotes
Sablefish	Anoplopoma fimbria
Sand sole	Psettichthys melanostictus
Sarcastic fringehead	Neoclinus blanchardi
Sculpin sculpin	Unidentified cottidae
Senorita seniorita	Oxyjulis californica
Sharpnose surfperch	Phanerodon atripes
Silver salmon	Oncorhynchus kisutch
Slender sole	Eopsetta exilis
Speckled rockfish	Sebastes ovalis
Speckled sanddab	Citharichthys stigmaeus
Spiny dogfish	Squalus acanthias
Spotted ratfish	Hydrolagus coliei
Squarespot rockfish	Sebastes hopkinsi
Starry flounder	Platichthys stellatus
Starry rockfish	Sebastes constellatus
Striped surfperch	Embiotoca lateralis
Stripetail rockfish	Sebastes saxicola
Swordspine rockfish	Sebastes ensifer
Tiger rockfish	Sebastes nigrocinctus
Topsmelt	Atherinops affinis
Treefish	Sebastes serriceps
Unidentified flatfish	Pleuronectiformes
Unidentified rockfish	Sebastes sp.
Unidentified shark	Unidentified shark
Unidentified Surfperch	Embiotocidae, unidentified
Vermilion rockfish	Sebastes miniatus
White croaker	Genyonemus lineatus
White surfperch	Phanerodon furcatus
Widow rockfish	Sebastes entomelas
Wolf-eel wolf-eel	Anarrhichthys ocellatus
Yelloweye rockfish	Sebastes ruberrimus
Yellowtail rockfish	Sebastes flavidus

Table FISH H_L. Number of Species taken by hook-and-line and sampled during each survey, 1981-2000.

SPECIES COMMON NAME	SURVEY			
	1	2	3	4
Blue rockfish	2294	1436	227	593
Gopher rockfish	637	442	102	452
Olive rockfish	758	339	88	106
Rosy rockfish	626	340	55	151
Kelp rockfish	411	335	78	223
Copper rockfish	396	290	27	101
Yellowtail rockfish	333	263	45	162
Pacific sanddab	255	267	8	216
Black-and-yellow rockfish	318	190	35	94
King salmon	367	154		16
Lingcod	301	136	39	43
Canary rockfish	301	135	31	40
Starry rockfish	207	116	42	68
Pacific mackerel	158	201	6	27
Black rockfish	116	56	7	137
Vermilion rockfish	112	90	10	87
Cabazon	148	30	23	18
Rock sole	91	67	11	
Greenspotted rockfish	100	22	11	28
Kelp greenling	104	25	6	10
Brown rockfish	51	35	9	36
Bocaccio	56	34	11	16
China rockfish	54	29	7	12
Chilipepper	28	30	28	
Kelp bass	35	11	7	4
Pacific hake	19	36		
Grass rockfish	34	5	2	5
Jack mackerel	14	31	1	
Greenstriped rockfish	31	12		1
White croaker	17	21	3	
Yelloweye rockfish	22	11	2	6
Lefteye flounders unident			9	29
Jacksmelt	9	1		23
Quillback rockfish	16	16		
Striped surfperch	23	4	4	
Albacore		3		26
Sand sole	20	9		
Unidentified rockfish	7	10	8	4
Widow rockfish	10	8	11	
Pacific bonito	18	9		
Speckled rockfish	19	3	3	
Petrable sole	17	5		

Spiny dogfish	8	9	3
Black surfperch	15		3
Ocean whitefish	1	2	15
Starry flounder	9	10	
Blacksmith	1	3	5
California halibut	1	1	13
Speckled sanddab		4	2
Halfmoon	8	4	1
Unidentified flatfish	6	1	5
California lizardfish	1	10	
Sablefish	10		1
Olive/Yellowtail Unidentified			8
Common thresher		6	
Monkeyface-eel	4	1	1
Ocean sunfish (common mola)	2	2	1
Silver salmon		5	
Cowcod	3	1	
Opaleye			4
Sarcastic fringehead	3	1	
Senorita seniorita	2	2	
Squarespot rockfish	1	2	1
Flag rockfish	3		
Wolf-eel wolf-eel	3		
Blue shark		2	
Sharpnose surfperch		2	
Swordspine rockfish	2		
Treefish	1		1
Bat ray			1
California butterfly ray			1
California sheephead			1
C-O sole	1		
Curlfin sole	1		
English sole	1		
Hornyhead turbot	1		
Pile surfperch	1		
Rubberlip surfperch	1		
Sculpin sculpin	1		
Slender sole		1	
Stripetail rockfish	1		
Tiger rockfish	1		
Topsmelt	1	1	
Unidentified shark	1		

Table FISH SPEAR. Species taken by spearfishing and sampled during each survey, 1981-2000.

SPECIES COMMON NAME	SURVEY			
	1	2	3	4
Kelp rockfish	556	165	15	67
Lingcod	386	138	29	21
Cabazon	201	90	43	12
Blue rockfish	169	82	31	16
Kelp greenling	183	77	5	10
Black-and-yellow rockfish	109	63	4	11
Pile surfperch	109	37	3	7
Striped surfperch	93	34	1	2
Black surfperch	77	25	2	15
Olive rockfish	51	54	3	10
Gopher rockfish	50	34	6	13
Black rockfish	40	34		13
California halibut	1	4		67
Rubberlip surfperch	48	19		1
Copper rockfish	23	27	1	
Vermilion rockfish	15	10	5	6
Kelp bass	16	8	1	
Grass rockfish	13	8		2
Opaleye	17	6		
Halfmoon	7	7		
Starry flounder	3	3		
Unidentified rockfish	2	3		1
Monkeyface-eel	5			
Blacksmith	4			
Wolf-eel wolf-eel	3	1		
Bocaccio		3		
C-O sole	2	1		
California sheephead			1	1
China rockfish		2		
Ocean sunfish (common mola)	1	1		
Rainbow surfperch	1			1
Yellowtail rockfish	1	1		
Diamond turbot		1		
Leopard shark		1		
Pacific hake		1		
Pacific sanddab		1		
Rock sole	1			
Rosy rockfish	1			
Spotted ratfish		1		
Unidentified Surfperch				1
White surfperch		1		