STATE OF CALIFORNIA 1928

1649													
Species of fish	January	February	March	April	May	June	July	August	September	October	November	December	Total
Mhicore— Local Hawaii Japan	90 495,268	813,207	258 1,318,359	665,318	265,793	35 8,616 159,636	207,229	74,8 5 8 10,793	851 7,468	18,146	6,521	5,909 7,374	283,321 57,453 3,724,955
Totalsnchovies	495,358 1,190	813,207 155	1,318,617	665,318 23,137	265,793 187,335	168,287 48,804	207,229 12,031	85,651 43,543	8,319 30,680	18,146 9,905	6,521 345	13,283 345	4,065,729 357,470
Local West Coast of Mexico	1,950 212,355	1,830 155,192	38,797 251,911	791,656 5,875	1,176,051 1,133	658,567 1,332	828,557 6,675	693,936 95,777	98,840 162,226	53,984 568,094	9,838 317,162	11,208 289,510	4,385,214 2,067,242
Totals	214,305	157,022	310,708	797,531	1,177,184	659,899	835,232	789,713	261,066	622,078	327,000	300,718	6,452,456
Local West Coast of Mexico	13,891 22,830	10,990 9,274	10,137 5,904	11,364 780	310,873	167,988 12,057	348,031	221,113 6,308	192,687 48,470	41,471 322,929	6,610 254,211	378 87,607	1,335,533 770,370
Totals	36,721	20,264	16,041	12,144	310,873	180,045	348,031	227,421	241,157	364,400	260,821	87,585	2,105,903
West Coast of Mexico	10,676 21,896	8,317 34,974	17,890 62,607	50,364 75,333	50,447 22,264	1,397	1,656	5,512 35,426	1,454 50,853	62,007	3,377 59,468	1,575 5,966 34,273	1,575 157,283 459,101
Gulf of Lower California.	3,305 37,967	50,474	6,802 94,783 5	4,287 94,688	53,142 222	72,516	49,274	88,558	104,511	97,566	36,699	73,059	14,374 833,537 227
els lounders rayfish ake alibut—	12,881 58,409	24,750 30,203	63,786 36,742	30,981 36,574 750	51,183 26,175 18,030	23,302 17,215 22,232	83,662 33,152 33,094	32,493 19,411 7,895	20,604 65,102 3,150	44,610 73,623 6,308	7,859 67,418 14,287	6,769 159,792 2,992	399,880 623,816 108,648
Local West Coast of Mexico	91,678 26,057	177,428 29,324	184,106 23,541	202,615 18,179	109,052 17,711	77,569 26,734	\$3,566 32,013	108,139 43,851	107,186 19,771	87,027 9,406	39,735 1,799	39,728 6,976	1,308,129 255,362
Totals iardhead ierrarg Gogfish	117,735 17,255 480,429 61,528	206,752 2,895 377,816 50,876	207,647 2,096 94,220 44,923	220,794 2,120 12,525 41,090	126,763 9,215 31, 823	104,303 100 34,791	115,879 143 31,967	151,990 1,009 19,548	126,957 50 13,695	96,433 315 30,295	41,534 11,256 13,457 36,813	46,704 16,496 159,995 45,299	1,563,491 61,659 1,139,682 441,758
Mackerel— Local West Coast of Mexico	710,003	779,339	813,773	829,194	1,907,142	648,843	2,948,733	4,630,830	5,335,247	8,433,609 1,805	4,187,822 7,805	4,026,772 1,585	35,251,298 11,196
Totals	710,003	779,330	813,773	829,194	1,907,142	648,843	2,948,733	4,630,830	5,335,247	8,435,414	4,195,628	4,028,357	35,262,494

STATE OF CALIFORNIA—Continued

Species of fish	January	February	March	April	May	June	July	August	September	October	November	December	Total
Mackerel—Horse— Local	22,716	39,493	24,133 200	4,798	11,894	31,940	64,621	67,063	79,712 162	86,305	50,879 800	54,892 744	538,446 1,906
Totals	22,716	39,493	24,333	4,798	11,804	31,940	64,621	67,063	79,874	86,305	51,679	55,636	546,350
Local West Coast of Mexico	200 21,976	160 7,649	2,198 5,734	240 5,056	1,316 2,783	4,232	6,155	9,936	2,846	769	141	1,046 10,302	29,231 53,50
Totals	22,176	7,809	7,932	5,296	4,099	4,232	6,155	9,936	2,846	769	141	11,348	82,73
Local West Coast of Mexico	18,131	21,672 940	24,987 259	61,866	2,594	4,170	24,485	19,572	16,632	19,527	12,295	9,753 100	235,68 1,29
Totals	18,131 421	22,612 779	25,237 1,035	61,866 228	2,594 65	4,170 24	24,485	19,572 29	16,632 95	19,527	12,295 369	9,853 735	236,97 3,78
Local West Coast of Mexico	5,323	5,236	29 5,225	2,226 8,565	168 1,832	72	65	180	287	101	126	18 606	3,29 26,78
Totals	5,324	5,258	5,254	10,791	2,000	72	65	180	287	101	126	624	30,08
Local West Coast of Mexico	21,668 1,094	23,903 4,520	20,745 8,659	39,504 257	53,828 3,306	101,486	121,546	83,240	43,726 520	37,289 2,011	17,093 8,092	11,595 21,867	575,62 50,32
Totals	22,762	28,423	29,404	39,761	57,134	101,486	121,546	83,240	44,246	39,300	25,185	33,462	625,94
Local West Coast of Mexico	574,256	767,432	574,975	609,500	573,175	513,922	480,667	453,599	508,027	586,030 430	362,504 2,056	410,784 2,452	6,414,97 4,93
Totals ablefish almon andabs srdines culpin es Bass Black	574,256 33,713 161 73,442 40,874,524 4,961	767,432 81,807 1,588 86,780 95,819,881 5,080	574,975 130,280 12,679 88,388 42,943,442 6,241	609,600 128,468 139,126 61,548 4,195,019 4,127	573,175 14,745 113,886 123,161 3,380,067 8,335	513,922 31,142 1,061,511 112,494 385,908 1,831	480,667 23,834 1,236,277 144,847 235,896 6,274	453,599 40,761 1,303,173 95,542 45,644,447 15,794	508,027 133,022 471,001 65,134 53,001,740 17,286	595,460 150,328 58,753 99,253 46,653,053 7,659	354,550 91,720 79,959 81,829 40,252,860 12,767	413,236 55,015 452 76,046 46,882,828 9,356	6,419,90 916,95 4,478,56 1,108,76 420,269,66 99,71
Loral. Gulf of Lower California. West Coast of Mexico	14,221 9,120	48,079 6,552	8,163 10,739	8,966 1,337	16,975 189	14,596 1,200	9,398 9,187	19,535 39,947	18,424 10,763	28,954 43,767	10,556 18,828	7,085 410 25,214	204,8 4 176,8
Totals	23,341	54,631	18,902	19,363	17,164	15 796	18,495	59,482	29,187	72,721	29.384	32,709	382.1

Sen Bass—White— Local West Coast of Mexico	4,755 19,161	2,215 8,706	15,043 18,158	91,950 1,347	169,265 1,875	63,474 28,299	146,794 57,320	177,811 101,772	111,622 77,292	52,614 77,124	27,252 51,629	22,084 32,652	824,879 475,335	
Totals	23,916 25	10,921 351 39 30	33,201 377 39,045 32,794	93,297 22,827 400,420 539,183	111,140 60,190 324,522 653,731	91,773 127 60	204,114	279,583 5,193 3,731 18	188,914 55 54 3	129,738	78,881 4,432 315 16	54,736 1,289 51	1,300,214 94,739 768,304 1,225,835	
Sheepshead— Local West Coast of Mexico	71,416	61,975	21,500	14,558	13,001	2,643	2,054	14,662	37,355	38,210	52,126	42,989 188	372,459 188	
Totals	71,416 29,478	61,975 26,227	21,509 49,652	14,558 32,629	13,001 25,993	2,643 20,559	2,054 33,119	14,662 24,982	37,355 38,933	38,210 58,736	52,126 64,999	43,177 54,519	372,677 458,926	
Local West Coast of Mexico	25,605	6,509	672,094	796,686	8 482,576	118,793		3,118,246 610,269	936,962 4,465,181	340,186 2,724,345	630 926,960	170 782,954	4,396,132 11,551,972	Com
Totals	25,605	6,509	672,004	796,686	482,584	118,793		3,728,515	5,342,143	3,064,531	927,590	783,954	15,948,104	2
Smelt— Local West Coast of Mexico	70,646 75	68,177	87,552	68,665	77,545	87,174	81,938	94,595	85,040 51	78,445	66,951	48,822 1,092	915,550 1.221	Commercial
Tot:ls	70,721 962,447 2,451	68,177 1,070,956 3,086	87,552 810,501 1,753	68,665 912,791 275	77,545 1,004,468	87,174 748,082	81,938 844,542	94,595 893,947	85,094 782,049 175	78,445 740,297	6e,951 749,246 1,861	49,914 762,393 1,139	916,771 10,281,719 10,740	l Fish
Stingarce	16,750	33,231	63,361	111,617	3,296 94,288			64,607	18,622		33,879	47,758	3,296 484,113	
Swordfish	248	547	185 300	125	1,070 125	29,638	104,583 32	129,965 8,218	55,427 1,973	54,185 1,105	59,146 345	687	1,029 426,001 11,923	Catch,
Totusva— Gulf of Lower California. Tuna—Bluefin Tuna—Yellowfin—	247,861 532,566	212,659 332	183,342	31,169 4,467	39,973 2,547	2,141 2,837,139	7,424,227	2,461,487	437,078	19,476 1,027	42,258	63,078	841,357 13,700,870	L.
Local West Coast of Mexico	1,320 1,154,168	1,438,580	300 2,020,696	323 6,205,862	5,909,667	687,734	25	24,929 345,815	48,889 3,885,832	6,358 5,267,602	1,365 3,287,702	1,123 1,964,922	84,626 32,168,580	1928
Totals Turbot. Whitebuit. Whitefah	1,155,488 131 330	1,438,580 1,544	2,020,996 4 7,514	6,206,192 93 28,403	5,969,667 720 43,165	687,734 2,168 21,860	25 4,316 26,298	370,744 900 3,306	3,934,721 250 1,463	5,273,960 200 998	3,289,007 352 283	1,966,042	32,253,236 9,234 135,186	
Local West Coast of Mexico	25,344 16,006	24,117 4,346	9,780 526	14,059 95	7,406 164	10,387	19,029	4,020	11,327	22,293 919	21,761 1,157	25,985 3,471	195,508 26,684	
Totals	41,350	28,463	10,306	14,154	7,570	10,387	19,029	4,020	11,327	23,212	22,918	29,456	222,192	
Yellowtail— Local West Coast of Mexico	728 52.698	10,385 72,824	17,631 198,452	7,538 38,434	157,737 14,344	85,916 30,113	116,301 102,986	426,472 287,281	284,490 66,764	149,277 205,241	33,061 216,740	7,501 100,600	1,297,037 1,386,477	
Totals	53,426	83,209	216,083	45,972	172,081	116,029	219,287	713,753	351,254	354,518	249,801	108,101	2.683.514	=

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Division of Fish and Game of California

	STATE OF CALIFORNIA—Continued												
Species of fish	January	February	March	April	May	June	July	August	September	October	November	December	Total
discellaneous— Local	12,548 4,872	11,227 1,015	11,767 295	9,771 4,107	19,232 410	29,257	24,169	22,590	13,645	12,443	8,170	6,916 3,959	181,73 14,65
Totals	17,420 501,936 73,007	12,242 621,096 106,597	12,062 244,632 188,371	12,878 405,903 183,321	19,642 386,223 178,485	29,257 339,264 262,352	24,169 271,488 315,994	22,590 295,692	13,645 231,786	12,443 296,116	8,170 366,336 140,672	10,875 437,856 98,568	196,35 3,574,73 2,283,87
loiny Lobst:rs— Local West Coast of Mexico	86,333 184,058	53,757 178,622	299 132,682							85,764 40,785	59,177 54,226	70,470 131,011	355,80 720,81
Totals boloose Tams—Cockle Tams—Mixed Tams—Pirmo hare—Sotabell battlefash Massels yat are—Eastern yyat res—Vative Suid Cerrapian	270,421 5,209 7,394 12,780 108 215 39,991 6,015	231,779 85 6,360 7,599 14,219 87 240 59,054 61,868	132,981 123,481 611 5,276 7,565 14,412 3/9 615 69,481	282.718 2.795 8.713 8.601 8.820 724 300 62.365	118,655 2,054 7,292 1e,238 8,972 722 20 55,273 4,900 897,427 168	400,144 1,173 5,888 14,711 8,825 1,290 220 43,263 5,400 279,733	369,138 4,973 164 18,290 12,899 2,109 34,428 5,350 39,876	180,073 4,234 415 15,028 14,920 1,051 31,982 3,650	296,325 1,539 2,596 11,332 13,956 1,692 53,345 2,500	126,549 188,899 979 1,683 10,646 11,969 1,120 74,082 1,900	113,493 30,123 1,441 552 7,019 12,910 103 98,202 1,750 53,094	201,481 109,277 2,767 454 7,409 13,950 217 104,832 1,400 698	1,076,61 2,006,24 22,62 44,66 125,52 148,54 1,61 726,23 1,61 726,81 1,351,66
Furtles— West Coast of Mexico					5,439					155			5,5
Grand totals	48,124,351	103,646,071	52,009,612	18,542*808	19,209,096	10,414,099	17,123,624	63,302,770	72,518,128	68,110,655	52,554,598	57,517,618	583,073,43