

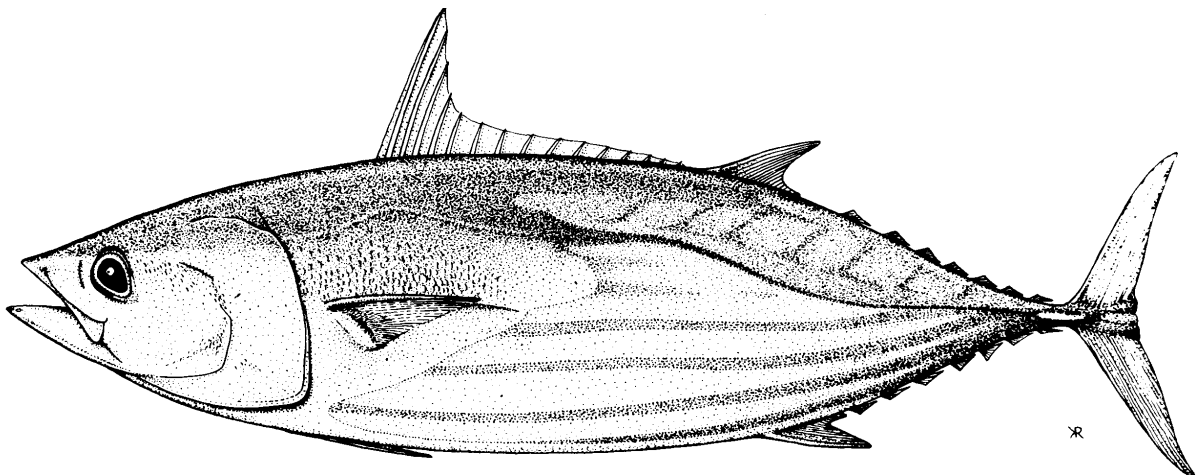


SCTB15 Working Paper

SWG-2

ESTIMATES OF ANNUAL CATCHES OF TUNA IN THE WESTERN AND CENTRAL PACIFIC OCEAN

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Table 1. Total catches of albacore in the Pacific Ocean. Symbols: ‘...’ = missing data; ‘-’ = no effort, hence no catch; ‘0’ = effort, but no catch. Estimates for 2001 are preliminary.

YEAR	SOUTH PACIFIC					NORTH PACIFIC					TOTAL
	LONGLINE	POLE-AND-LINE	TROLL	OTHER	SUB-TOTAL	LONGLINE	POLE-AND-LINE	TROLL	OTHER	SUB-TOTAL	
1950	-	...	-	-	-	16,740	12,863	32,746	5,835	68,184	68,184
1951	-	...	-	-	-	11,408	14,500	15,629	6,577	48,114	48,114
1952	154	...	-	-	154	26,733	41,787	23,914	1,764	94,198	94,352
1953	803	...	-	-	803	27,800	32,921	15,745	341	76,807	77,610
1954	9,578	...	-	-	9,578	20,971	28,069	12,246	208	61,494	71,072
1955	8,625	...	-	-	8,625	16,286	24,236	13,264	721	54,507	63,132
1956	7,281	...	-	-	7,281	14,347	42,810	18,768	539	76,464	83,745
1957	8,757	...	-	-	8,757	21,057	49,500	21,173	538	92,268	101,025
1958	18,636	...	-	-	18,636	18,439	22,175	14,929	180	55,723	74,359
1959	17,841	...	-	-	17,841	15,807	14,252	21,202	72	51,333	69,174
1960	22,248	45	-	-	22,293	17,373	25,156	20,105	773	63,407	85,700
1961	23,742	0	-	-	23,742	17,442	21,476	12,059	1,636	52,613	76,355
1962	35,219	0	-	-	35,219	15,771	9,814	19,753	1,933	47,271	82,490
1963	31,095	16	-	-	31,111	13,471	28,852	25,145	1,445	68,913	100,024
1964	22,930	0	-	-	22,930	15,488	27,269	18,391	1,275	62,423	85,353
1965	25,838	0	-	-	25,838	13,965	41,908	16,557	866	73,296	99,134
1966	39,113	0	-	-	39,113	25,329	24,430	15,377	1,293	66,429	105,542
1967	40,318	0	5	-	40,323	29,516	34,594	17,975	1,328	83,413	123,736
1968	29,051	0	14	-	29,065	24,670	21,503	21,462	2,337	69,972	99,037
1969	24,360	0	0	-	24,360	18,654	34,908	20,192	1,826	75,580	99,940
1970	32,590	100	50	-	32,740	17,808	28,679	21,422	1,604	69,513	102,253
1971	34,708	100	0	-	34,808	13,293	55,028	22,272	2,396	92,989	127,797
1972	33,842	122	268	-	34,232	16,143	64,319	27,521	1,646	109,629	143,861
1973	37,649	141	484	-	38,274	16,937	71,003	17,053	1,985	106,978	145,252
1974	30,985	809	898	-	32,692	13,988	78,341	21,509	1,368	115,206	147,898
1975	26,131	100	646	-	26,877	14,308	55,395	19,043	1,237	89,983	116,860
1976	24,106	100	25	-	24,231	17,957	88,036	16,183	3,227	125,403	149,634
1977	34,849	100	621	-	35,570	17,398	33,431	10,022	2,285	63,136	98,706
1978	34,858	100	1,686	-	36,644	13,589	60,827	16,636	8,102	99,154	135,798
1979	28,739	100	814	-	29,653	14,661	44,965	7,302	4,213	71,141	100,794
1980	31,027	101	1,468	-	32,596	15,604	47,124	7,768	4,723	75,219	107,815
1981	32,632	0	2,085	5	34,722	18,745	28,174	12,837	11,542	71,298	106,020
1982	28,339	1	2,434	6	30,780	17,819	30,039	6,713	13,973	68,544	99,324
1983	24,303	0	744	39	25,086	16,077	21,705	9,584	7,886	55,252	80,338
1984	20,340	2	2,773	1,589	24,704	15,669	27,043	9,354	18,801	70,867	95,571
1985	27,138	0	3,253	1,937	32,328	14,751	22,212	6,471	14,928	58,362	90,690
1986	32,641	0	2,003	1,946	36,590	13,169	16,528	4,738	11,015	45,450	82,040
1987	26,877	9	2,049	930	29,865	15,034	19,240	2,870	11,611	48,755	78,620
1988	31,531	0	4,214	5,283	41,028	15,186	6,814	4,367	19,233	45,600	86,628
1989	22,238	0	8,208	21,968	52,414	13,979	8,683	2,000	20,162	44,824	97,238
1990	22,624	245	6,874	7,538	37,281	16,273	8,647	2,905	26,332	54,157	91,438
1991	24,706	14	7,732	1,489	33,941	17,716	7,103	1,984	11,104	37,907	71,848
1992	30,248	11	6,615	65	36,939	19,728	13,888	4,935	16,909	55,460	92,399
1993	29,987	74	4,313	70	34,444	30,943	12,797	6,748	4,410	54,898	89,342
1994	33,233	67	7,403	89	40,792	30,789	26,389	12,976	3,950	74,104	114,896
1995	25,652	139	7,693	104	33,588	32,510	21,061	9,924	2,555	66,050	99,638
1996	24,129	30	7,634	156	31,949	39,051	20,296	21,011	1,832	82,190	114,139
1997	32,687	21	4,679	133	37,520	47,707	32,311	17,180	4,269	101,467	138,987
1998	39,204	36	6,258	85	45,583	47,600	23,005	18,889	4,368	93,862	139,445
1999	39,531	138	3,391	74	43,134	45,801	50,429	13,311	12,021	121,562	164,696
2000	39,347	102	5,870	139	45,458	45,865	18,857	14,693	5,797	85,212	130,670
2001	46,248	19	5,547	199	52,013	46,312	19,094	16,218	5,719	87,343	139,356

Table 2. Total catches of bigeye in the Pacific Ocean. Symbols: ‘...’ = missing data; ‘-’ = no effort; estimates in parentheses have been carried over from previous years. Estimates for 2001 are preliminary.

YEAR	WCPO					EPO					TOTAL
	LOONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	LOONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	
1950	...	...	...	...	...	...	...	...	...	...	...
1951	...	...	1,095	...	...	...	...	...	...	...	...
1952	...	2,100	1,039	...	...	...	...	...	...	...	...
1953	...	2,400	619	...	...	...	...	...	...	...	...
1954	...	2,100	360	...	...	...	...	...	...	...	...
1955	...	4,000	285	...	...	...	...	...	...	...	...
1956	...	4,400	908	...	...	...	...	...	...	...	...
1957	...	5,200	49	...	...	...	...	...	...	...	...
1958	...	4,200	48	...	...	...	...	...	...	...	...
1959	...	1,700	36	...	...	...	...	...	...	...	...
1960	...	1,500	58	...	...	...	...	...	...	...	...
1961	...	1,800	63	...	...	...	57	156	-	...	...
1962	34,616	800	173	...	35,589	44,200	168	160	-	44,528	80,117
1963	41,025	1,800	6	...	42,831	65,300	75	-	-	65,375	108,206
1964	29,451	1,100	231	...	30,782	45,400	68	-	-	45,468	76,250
1965	28,704	1,300	201	...	30,205	28,600	117	-	-	28,717	58,922
1966	31,214	1,100	9	...	32,323	34,100	157	109	-	34,366	66,689
1967	31,813	2,800	60	...	34,673	35,035	748	916	-	36,699	71,372
1968	24,292	2,300	183	...	26,775	34,216	63	2,496	-	36,775	63,550
1969	30,011	1,700	48	...	31,759	50,938	-	576	-	51,514	83,273
1970	33,987	1,600	726	2,820	39,133	31,800	-	1,332	-	33,132	72,265
1971	34,659	900	877	3,060	39,496	29,900	58	2,494	14	32,466	71,962
1972	45,329	1,762	865	3,498	51,454	36,400	66	2,172	-	38,638	90,092
1973	35,478	1,258	1,078	4,218	42,032	53,400	131	1,848	-	55,379	97,411
1974	39,029	1,039	1,389	4,719	46,176	36,500	-	890	-	37,390	83,566
1975	52,779	1,334	1,328	4,943	60,384	41,764	28	3,695	-	45,487	105,871
1976	64,513	3,423	1,312	4,138	73,386	54,239	45	10,136	5	64,425	137,811
1977	62,934	3,325	1,587	5,637	73,483	73,702	2	7,053	-	80,757	154,240
1978	49,394	3,337	1,146	4,243	58,120	70,411	-	11,714	-	82,125	140,245
1979	56,748	2,419	2,033	4,662	65,862	55,342	-	7,531	1	62,874	128,736
1980	54,045	2,243	2,162	4,142	62,592	64,695	-	15,318	103	80,116	142,708
1981	41,239	2,596	4,315	4,919	53,069	53,366	-	10,090	1	63,457	116,526
1982	44,739	4,108	5,150	4,738	58,735	53,270	23	4,079	-	57,372	116,107
1983	41,144	4,055	9,388	4,987	59,574	59,883	21	3,144	95	63,143	122,717
1984	46,156	3,465	8,556	5,176	63,353	46,245	1	5,919	16	52,181	115,534
1985	51,064	4,326	7,311	6,120	68,821	66,176	17	4,497	18	70,708	139,529
1986	46,486	2,865	7,509	6,480	63,340	102,245	-	1,939	-	104,184	167,524
1987	60,647	3,134	11,395	5,563	80,739	97,972	-	771	5	98,748	179,487
1988	50,167	4,112	7,305	6,439	68,023	68,003	2	1,051	-	69,056	137,079
1989	51,182	4,272	12,651	7,137	75,242	69,113	-	1,470	-	70,583	145,825
1990	66,806	3,868	12,143	8,851	91,668	90,699	-	4,701	11	95,411	187,079
1991	51,277	1,909	13,406	10,225	76,817	89,783	25	3,702	13	93,523	170,340
1992	63,429	1,873	19,484	9,135	93,921	77,073	-	5,488	9	82,570	176,491
1993	57,107	2,433	14,397	7,915	81,852	74,147	-	8,043	26	82,216	164,068
1994	66,977	3,014	11,321	10,097	91,409	69,142	-	28,683	692	98,517	189,926
1995	54,832	3,809	14,171	10,349	83,161	55,736	-	36,155	1,154	93,045	176,206
1996	48,867	3,863	17,515	11,613	81,858	42,344	-	50,728	625	93,697	175,555
1997	58,533	3,731	30,819	11,839	104,922	47,780	-	51,617	2	99,399	204,321
1998	65,381	2,886	18,557	15,457	102,281	44,233	-	35,143	12	79,388	181,669
1999	64,165	2,705	34,282	14,616	115,768	23,164	-	41,118	42	64,324	180,092
2000	65,368	2,877	30,629	16,473	115,347	27,304	-	70,098	-	97,402	212,749
2001	71,643	2,877	24,133	16,739	115,392	33,101	-	43,009	...	76,110	191,502

Table 3. Total catches of skipjack in the Pacific Ocean. Symbols: ‘...’ = missing data; ‘0’ = effort, but no catch. Estimates for 2001 are preliminary.

YEAR	WCPO					EPO				TOTAL
	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	
1950	34	...	...	6,483	...	49,534	5,741	1,299	56,574	...
1951	12	96,214	1,748	8,602	106,576	45,617	5,790	1,109	52,516	159,092
1952	54	78,518	3,716	10,014	92,302	32,724	4,806	905	38,435	130,737
1953	1	65,546	3,371	11,403	80,321	50,812	5,171	0	55,983	136,304
1954	0	88,073	4,534	11,554	104,161	61,221	8,519	1	69,741	173,902
1955	157	92,524	2,906	12,664	108,252	51,558	6,503	1	58,062	166,314
1956	0	91,950	2,145	13,094	107,189	64,971	3,204	0	68,175	175,364
1957	17	92,156	2,813	11,955	106,941	54,414	873	10	55,297	162,238
1958	0	131,441	10,698	15,244	157,383	67,594	5,481	23	73,098	230,481
1959	33	145,447	16,941	14,853	177,274	69,495	9,477	24	78,996	256,270
1960	0	70,428	3,728	15,782	89,938	34,900	11,820	21	46,741	136,679
1961	0	127,011	11,693	18,032	156,736	27,497	40,614	384	68,495	225,231
1962	4	152,387	11,674	17,559	181,624	16,153	52,572	34	68,759	250,383
1963	0	94,757	9,592	18,354	122,703	16,549	76,829	2,318	95,696	218,399
1964	0	137,106	25,064	20,739	182,909	9,783	46,006	3,545	59,334	242,243
1965	0	129,933	4,670	20,601	155,204	19,137	58,246	999	78,382	233,586
1966	0	215,600	10,968	22,890	249,458	13,666	45,119	1,875	60,660	310,118
1967	0	168,846	10,954	24,864	204,664	17,871	97,962	4,906	120,739	325,403
1968	1	162,379	7,485	24,891	194,756	7,008	54,362	9,896	71,266	266,022
1969	53	168,084	4,400	30,031	202,568	6,591	40,879	11,763	59,233	261,801
1970	1,465	197,873	10,586	32,158	242,082	6,998	42,101	7,031	56,130	298,212
1971	1,291	180,945	14,987	29,148	226,371	11,102	87,131	6,590	104,823	331,194
1972	1,417	172,827	19,691	41,777	235,712	6,081	26,434	1,070	33,585	269,297
1973	1,608	253,065	21,547	50,326	326,546	8,789	34,737	569	44,095	370,641
1974	2,007	289,202	14,742	49,410	355,361	7,150	71,255	461	78,866	434,227
1975	1,827	218,271	18,237	50,176	288,511	13,366	110,083	487	123,936	412,447
1976	1,964	276,581	28,148	51,206	357,899	10,846	114,715	684	126,245	484,144
1977	3,049	294,641	40,122	66,420	404,232	7,218	77,228	1,968	86,414	490,646
1978	3,265	331,401	42,186	73,621	450,473	5,603	162,915	1,369	169,887	620,360
1979	2,286	283,494	65,124	60,400	411,304	5,931	124,673	1,446	132,050	543,354
1980	651	332,465	82,536	42,767	458,419	5,040	123,687	1,963	130,690	589,109
1981	857	294,187	94,931	48,203	438,178	5,780	112,948	906	119,634	557,812
1982	1,120	262,233	174,693	53,048	491,094	3,676	94,681	429	98,786	589,880
1983	2,226	299,762	324,603	56,842	683,433	4,112	53,150	903	58,165	741,598
1984	893	379,474	327,058	44,239	751,664	2,770	56,948	857	60,575	812,239
1985	1,104	250,010	309,469	43,553	604,136	918	48,375	200	49,493	653,629
1986	1,427	336,694	369,609	49,116	756,846	1,939	61,486	169	63,594	820,440
1987	2,317	262,467	373,331	47,825	685,940	2,230	59,941	197	62,368	748,308
1988	1,915	295,691	489,505	49,135	836,246	4,278	80,445	663	85,386	921,632
1989	2,510	285,780	477,572	48,453	814,315	2,892	88,468	1,033	92,393	906,708
1990	1,292	224,130	604,447	60,896	890,765	835	69,927	1,883	72,645	963,410
1991	1,541	288,401	773,669	65,326	1,128,938	1,670	59,707	1,900	63,277	1,192,215
1992	1,063	232,784	707,721	80,562	1,022,130	1,860	81,026	1,092	83,978	1,106,108
1993	940	277,504	581,792	58,480	918,716	3,633	81,500	2,256	87,389	1,006,105
1994	1,793	237,251	721,658	52,187	1,012,889	3,110	71,449	898	75,457	1,088,346
1995	1,390	270,474	724,106	60,826	1,056,796	5,237	130,974	2,038	138,249	1,195,045
1996	1,112	233,881	736,732	57,375	1,029,100	2,583	108,444	1,328	112,355	1,141,455
1997	1,411	254,041	647,662	58,779	961,893	3,292	158,398	119	161,809	1,123,702
1998	1,623	293,494	954,224	68,395	1,317,736	1,642	143,160	198	145,000	1,462,736
1999	1,891	282,281	785,321	75,447	1,144,940	2,106	264,643	1,353	268,102	1,413,042
2000	1,413	289,540	865,748	70,795	1,227,496	232	210,984	67	211,283	1,438,779
2001	1,643	291,858	837,266	75,332	1,206,099	448	143,885	0	144,333	1,350,432

Table 4. Total catches of yellowfin in the Pacific Ocean. Symbols: ‘...’ = missing data; ‘-’ = no effort; ‘0’ = effort, but no catch; estimates in parentheses have been carried over from previous years. Estimates for 2001 are preliminary.

YEAR	WCPO					EPO					TOTAL
	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	
1950	...	...	...	8,919	8,919	-	65,921	15,856	879	82,656	91,575
1951	...	...	938	10,415	11,353	-	65,499	6,598	727	72,824	84,177
1952	23,443	2,595	2,565	10,539	39,142	-	66,108	13,735	1,067	80,910	120,052
1953	33,501	5,228	1,260	10,871	50,860	-	43,920	16,120	-	60,040	110,900
1954	36,067	4,268	4,001	11,763	56,099	-	46,541	7,625	-	54,166	110,265
1955	31,362	3,983	2,944	12,633	50,922	665	50,811	13,086	...	64,562	115,484
1956	23,612	4,399	724	12,818	41,553	1,578	58,828	21,470	...	81,876	123,429
1957	54,527	1,669	1,496	13,481	71,173	9,365	58,402	15,544	...	83,311	154,484
1958	55,097	2,934	3,338	14,682	76,051	7,803	46,776	20,560	...	75,139	151,190
1959	53,113	4,119	4,316	15,673	77,221	4,497	30,053	28,126	...	62,676	139,897
1960	62,839	1,872	1,438	15,919	82,068	7,629	26,199	79,976	...	113,804	195,872
1961	71,281	3,259	2,777	17,044	94,361	16,640	16,762	84,897	984	119,283	213,644
1962	59,172	4,225	6,975	18,150	88,522	14,118	11,855	59,597	0	85,570	174,092
1963	56,791	2,071	2,277	18,676	79,815	22,941	7,678	53,624	726	84,969	164,784
1964	48,521	5,073	3,647	20,183	77,424	20,002	4,327	83,547	776	108,652	186,076
1965	50,699	3,434	3,752	20,958	78,843	18,315	7,417	71,160	321	97,213	176,056
1966	67,302	2,192	5,844	23,409	98,747	10,906	5,852	74,228	531	91,517	190,264
1967	38,975	3,125	3,395	26,303	71,798	11,065	5,214	73,188	1,557	91,024	162,822
1968	44,941	2,706	6,888	26,084	80,619	16,500	4,698	93,942	3,376	118,516	199,135
1969	49,256	2,714	3,857	26,609	82,436	18,000	7,560	119,322	1,976	146,858	229,294
1970	53,080	2,025	9,299	29,422	93,826	14,000	4,688	145,867	5,071	169,626	263,452
1971	49,674	2,667	10,847	31,204	94,392	8,000	5,469	114,416	2,954	130,839	225,231
1972	51,090	7,465	11,765	35,749	106,069	16,300	6,149	169,467	1,512	193,428	299,497
1973	56,828	7,457	16,900	41,726	122,911	12,900	4,355	200,204	694	218,153	341,064
1974	54,102	6,582	19,574	46,997	127,255	10,000	8,659	200,451	1,254	220,364	347,619
1975	60,554	7,801	15,209	48,536	132,100	10,761	6,114	195,442	586	212,903	345,003
1976	70,735	17,186	16,826	40,666	145,413	15,607	3,688	232,266	373	251,934	397,347
1977	87,974	15,257	18,509	55,092	176,832	12,161	2,093	196,427	297	210,978	387,810
1978	109,384	12,767	13,863	38,491	174,505	10,138	4,172	175,747	615	190,672	365,177
1979	104,950	11,463	31,362	46,375	194,150	11,439	5,191	184,236	247	201,113	395,263
1980	117,423	13,132	35,614	43,906	210,075	13,588	1,649	156,878	898	173,013	383,088
1981	92,541	19,268	62,877	50,623	225,309	7,952	1,595	179,371	847	189,765	415,074
1982	83,824	13,835	73,542	48,226	219,427	10,943	1,605	123,272	206	136,026	355,453
1983	83,588	13,266	106,103	50,844	253,801	10,900	4,271	88,779	1,206	105,156	358,957
1984	69,752	13,558	109,681	53,698	246,689	10,309	3,090	141,635	336	155,370	402,059
1985	73,558	18,156	105,367	61,091	258,172	13,161	1,081	215,610	301	230,153	488,325
1986	62,079	13,074	104,719	64,673	244,545	22,748	2,519	265,473	282	291,022	535,567
1987	73,999	13,243	156,647	58,032	301,921	18,071	5,110	266,800	336	290,317	592,238
1988	81,081	12,500	99,244	65,704	258,529	13,267	3,743	283,318	973	301,301	559,830
1989	64,030	13,823	164,335	69,867	312,055	15,820	4,189	284,621	565	305,195	617,250
1990	72,335	13,062	175,239	90,238	350,874	30,402	2,664	268,871	1,751	303,688	654,562
1991	59,424	12,186	211,043	101,592	384,245	25,844	2,909	234,974	1,069	264,796	649,041
1992	71,655	16,226	241,753	85,039	414,673	16,250	3,885	232,811	3,153	256,099	670,772
1993	65,016	13,623	244,182	77,026	399,847	24,257	5,089	223,519	3,463	256,328	656,175
1994	73,345	14,478	224,757	98,688	411,268	29,345	3,755	213,177	1,455	247,732	659,000
1995	80,570	15,771	187,798	102,023	386,162	19,808	1,284	220,486	2,047	243,625	629,787
1996	77,043	16,062	122,221	110,804	326,130	15,042	3,733	245,313	1,056	265,144	591,274
1997	69,333	14,573	265,338	113,798	463,042	20,182	4,386	252,214	1,231	278,013	741,055
1998	59,643	17,207	270,089	147,508	494,447	15,009	5,126	260,261	330	280,726	775,173
1999	56,520	15,140	220,514	142,241	434,415	9,035	1,734	293,889	1,214	305,872	740,287
2000	72,824	16,325	205,880	158,091	453,120	16,117	2,417	269,872	371	288,777	741,897
2001	82,870	16,359	215,856	160,416	475,501	14,171	3,916	391,379	45	409,511	885,012

Table 5. Total catches of albacore, bigeye, skipjack and yellowfin in the WCPO.
 Symbols: ‘...’ = missing data. Estimates for 2001 are preliminary.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	MT	%	MT	%	MT	%	MT	%	
1950	35,438		...		...		8,919		...
1951	32,485		...		106,576		11,353		...
1952	69,136		...		92,302		39,142		...
1953	61,853		...		80,321		50,860		...
1954	58,679		...		104,161		56,099		...
1955	49,291		...		108,252		50,922		...
1956	64,512		...		107,189		41,553		...
1957	79,556		...		106,941		71,173		...
1958	59,456		...		157,383		76,051		...
1959	48,179		...		177,274		77,221		...
1960	65,039		...		89,938		82,068		...
1961	60,102		...		156,736		94,361		...
1962	52,162	15	35,589	10	181,624	51	88,522	25	357,897
1963	59,373	19	42,831	14	122,703	40	79,815	26	304,722
1964	56,838	16	30,782	9	182,909	53	77,424	22	347,953
1965	77,726	23	30,205	9	155,204	45	78,843	23	341,978
1966	84,312	18	32,323	7	249,458	54	98,747	21	464,840
1967	93,459	23	34,673	9	204,664	51	71,798	18	404,594
1968	68,102	18	26,775	7	194,756	53	80,619	22	370,252
1969	75,716	19	31,759	8	202,568	52	82,436	21	392,479
1970	71,196	16	39,133	9	242,082	54	93,826	21	446,237
1971	98,758	22	39,496	9	226,371	49	94,392	21	459,017
1972	111,428	22	51,454	10	235,712	47	106,069	21	504,663
1973	121,053	20	42,032	7	326,546	53	122,911	20	612,542
1974	115,875	18	46,176	7	355,361	55	127,255	20	644,667
1975	89,472	16	60,384	11	288,511	51	132,100	23	570,467
1976	126,642	18	73,386	10	357,899	51	145,413	21	703,340
1977	76,694	10	73,483	10	404,232	55	176,832	24	731,241
1978	106,428	13	58,120	7	450,473	57	174,505	22	789,526
1979	88,703	12	65,862	9	411,304	54	194,150	26	760,019
1980	94,536	11	62,592	8	458,419	56	210,075	25	825,622
1981	79,364	10	53,069	7	438,178	55	225,309	28	795,920
1982	84,144	10	58,735	7	491,094	58	219,427	26	853,400
1983	64,303	6	59,574	6	683,433	64	253,801	24	1,061,111
1984	74,292	7	63,353	6	751,664	66	246,689	22	1,135,998
1985	74,357	7	68,821	7	604,136	60	258,172	26	1,005,486
1986	68,539	6	63,340	6	756,846	67	244,545	22	1,133,270
1987	66,664	6	80,739	7	685,940	60	301,921	27	1,135,264
1988	71,353	6	68,023	6	836,246	68	258,529	21	1,234,150
1989	89,878	7	75,242	6	814,315	63	312,055	24	1,291,490
1990	82,137	6	91,668	6	890,765	63	350,874	25	1,415,444
1991	62,301	4	76,817	5	1,128,938	68	384,245	23	1,652,301
1992	71,814	4	93,921	6	1,022,130	64	414,673	26	1,602,538
1993	72,083	5	81,852	6	918,716	62	399,847	27	1,472,498
1994	95,006	6	91,409	6	1,012,889	63	411,268	26	1,610,572
1995	88,332	5	83,161	5	1,056,796	65	386,162	24	1,614,451
1996	102,873	7	81,858	5	1,029,100	67	326,130	21	1,539,962
1997	125,458	8	104,922	6	961,893	58	463,042	28	1,655,315
1998	124,120	6	102,281	5	1,317,736	65	494,447	24	2,038,584
1999	147,789	8	115,768	6	1,144,940	62	434,415	24	1,842,912
2000	112,947	6	115,347	6	1,227,496	64	453,120	24	1,908,910
2001	117,167	6	115,392	6	1,206,099	63	475,501	25	1,914,159

Table 6. Total catches of albacore, bigeye, skipjack and yellowfin in the WCPO by gear type. Symbols: ‘...’ = missing data. Estimates for 2001 are preliminary.

YEAR	LONGLINE		POLE-AND-LINE		PURSE SEINE		OTHER		TOTAL
	MT	%	MT	%	MT	%	MT	%	
1950	...		...		6,483		21,237		...
1951	...		110,714		3,780		25,594		...
1952	...		125,000		7,320		21,014		...
1953	...		106,095		5,250		22,603		...
1954	...		122,510		8,895		23,378		...
1955	...		124,743		6,135		25,441		...
1956	...		143,559		3,776		25,985		...
1957	...		148,525		4,358		25,678		...
1958	...		160,750		14,084		30,132		...
1959	...		165,518		21,293		30,805		...
1960	...		99,001		5,224		31,918		...
1961	...		150,709		14,533		35,355		...
1962	136,980	38	166,141	46	18,822	5	35,954	10	357,897
1963	130,471	43	125,064	41	11,875	4	37,312	12	304,722
1964	110,502	32	167,137	48	28,942	8	41,372	12	347,953
1965	115,491	34	176,158	52	8,623	3	41,706	12	341,978
1966	159,258	34	241,722	52	16,821	4	47,039	10	464,840
1967	132,991	33	205,252	51	14,409	4	51,942	13	404,594
1968	118,321	32	183,982	50	14,556	4	53,393	14	370,252
1969	120,303	31	204,410	52	8,305	2	59,461	15	392,479
1970	134,152	30	225,861	51	20,611	5	65,613	15	446,237
1971	128,369	28	237,569	52	26,711	6	66,368	14	459,017
1972	143,383	28	242,745	48	32,321	6	86,214	17	504,663
1973	142,288	23	330,688	54	39,525	6	100,041	16	612,542
1974	133,146	21	371,196	58	35,705	6	104,620	16	644,667
1975	150,315	26	279,658	49	34,774	6	105,720	19	570,467
1976	175,628	25	382,626	54	46,286	7	98,800	14	703,340
1977	196,231	27	345,257	47	60,218	8	129,535	18	731,241
1978	199,562	25	407,482	52	57,195	7	125,287	16	789,526
1979	200,234	26	342,441	45	98,519	13	118,825	16	760,019
1980	211,050	26	395,065	48	120,312	15	99,195	12	825,622
1981	171,361	22	344,225	43	162,123	20	118,211	15	795,920
1982	163,867	19	310,216	36	253,385	30	125,932	15	853,400
1983	158,643	15	338,788	32	440,094	41	123,586	12	1,061,111
1984	143,780	13	423,542	37	445,295	39	123,381	11	1,135,998
1985	156,597	16	294,704	29	422,147	42	132,038	13	1,005,486
1986	146,580	13	369,161	33	481,837	43	135,692	12	1,133,270
1987	169,385	15	298,093	26	541,373	48	126,413	11	1,135,264
1988	170,083	14	319,117	26	596,054	48	148,897	12	1,234,150
1989	148,965	12	312,558	24	654,558	51	175,409	14	1,291,490
1990	173,765	12	249,952	18	791,829	56	199,898	14	1,415,444
1991	147,737	9	309,613	19	998,118	60	196,832	12	1,652,301
1992	171,250	11	264,782	17	968,958	60	197,548	12	1,602,538
1993	171,236	12	306,431	21	840,371	57	154,460	10	1,472,498
1994	195,856	12	281,199	17	957,736	59	175,781	11	1,610,572
1995	189,316	12	311,254	19	926,075	57	187,806	12	1,614,451
1996	184,283	12	274,132	18	876,468	57	205,079	13	1,539,962
1997	201,837	12	304,677	18	943,819	57	204,982	12	1,655,315
1998	207,466	10	336,623	17	1,242,870	61	251,626	12	2,038,584
1999	201,923	11	350,642	19	1,040,117	56	250,230	14	1,842,912
2000	218,363	11	327,632	17	1,102,257	58	260,658	14	1,908,910
2001	238,729	12	329,901	17	1,077,255	56	268,274	14	1,914,159

Table 7. Total catches of albacore, bigeye, skipjack and yellowfin in the EPO.
 Symbols: ‘...’ = missing data. Estimates for 2001 are preliminary.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	MT	%	MT	%	MT	%	MT	%	
1950	32,746		...		56,574		82,656		...
1951	15,629		...		52,516		72,824		...
1952	25,216		...		38,435		80,910		...
1953	15,757		...		55,983		60,040		...
1954	12,393		...		69,741		54,166		...
1955	13,841		...		58,062		64,562		...
1956	19,233		...		68,175		81,876		...
1957	21,469		...		55,297		83,311		...
1958	14,903		...		73,098		75,139		...
1959	20,995		...		78,996		62,676		...
1960	20,661		...		46,741		113,804		...
1961	16,253		...		68,495		119,283		...
1962	30,328	13	44,528	19	68,759	30	85,570	37	229,185
1963	40,651	14	65,375	23	95,696	33	84,969	30	286,691
1964	28,515	12	45,468	19	59,334	25	108,652	45	241,969
1965	21,408	9	28,717	13	78,382	35	97,213	43	225,720
1966	21,230	10	34,366	17	60,660	29	91,517	44	207,773
1967	30,277	11	36,699	13	120,739	43	91,024	33	278,739
1968	30,935	12	36,775	14	71,266	28	118,516	46	257,492
1969	24,224	9	51,514	18	59,233	21	146,858	52	281,829
1970	31,057	11	33,132	11	56,130	19	169,626	59	289,945
1971	29,039	10	32,466	11	104,823	35	130,839	44	297,167
1972	32,433	11	38,638	13	33,585	11	193,428	65	298,084
1973	24,199	7	55,379	16	44,095	13	218,153	64	341,826
1974	32,023	9	37,390	10	78,866	21	220,364	60	368,643
1975	27,388	7	45,487	11	123,936	30	212,903	52	409,714
1976	22,992	5	64,425	14	126,245	27	251,934	54	465,596
1977	22,012	6	80,757	20	86,414	22	210,978	53	400,161
1978	29,370	6	82,125	17	169,887	36	190,672	40	472,054
1979	12,091	3	62,874	15	132,050	32	201,113	49	408,128
1980	13,279	3	80,116	20	130,690	33	173,013	44	397,098
1981	26,656	7	63,457	16	119,634	30	189,765	47	399,512
1982	15,180	5	57,372	19	98,786	32	136,026	44	307,364
1983	16,035	7	63,143	26	58,165	24	105,156	43	242,499
1984	17,369	6	52,181	18	60,575	21	155,370	54	285,495
1985	16,333	4	70,708	19	49,493	13	230,153	63	366,687
1986	13,501	3	104,184	22	63,594	13	291,022	62	472,301
1987	11,956	3	98,748	21	62,368	13	290,317	63	463,389
1988	15,275	3	69,056	15	85,386	18	301,301	64	471,018
1989	7,360	2	70,583	15	92,393	19	305,195	64	475,531
1990	9,301	2	95,411	20	72,645	15	303,688	63	481,045
1991	9,547	2	93,523	22	63,277	15	264,796	61	431,143
1992	20,585	5	82,570	19	83,978	19	256,099	58	443,232
1993	17,259	4	82,216	19	87,389	20	256,328	58	443,192
1994	19,890	5	98,517	22	75,457	17	247,732	56	441,596
1995	11,306	2	93,045	19	138,249	28	243,625	50	486,225
1996	11,266	2	93,697	19	112,355	23	265,144	55	482,462
1997	12,745	2	99,399	18	161,809	29	278,013	50	551,966
1998	14,053	3	79,388	15	145,000	28	280,726	54	519,167
1999	14,771	2	64,324	10	268,102	41	305,872	47	653,069
2000	15,793	3	97,402	16	211,283	34	288,777	47	613,255
2001	20,100	3	76,110	12	144,333	22	409,511	63	650,054

Table 8. Total catches of albacore, bigeye, skipjack and yellowfin in the Pacific Ocean. Symbols: ‘...’ = missing data. Estimates for 2001 are preliminary.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	MT	%	MT	%	MT	%	MT	%	
1950	68,184		...		...		91,575		...
1951	48,114		...		159,092		84,177		...
1952	94,352		...		130,737		120,052		...
1953	77,610		...		136,304		110,900		...
1954	71,072		...		173,902		110,265		...
1955	63,132		...		166,314		115,484		...
1956	83,745		...		175,364		123,429		...
1957	101,025		...		162,238		154,484		...
1958	74,359		...		230,481		151,190		...
1959	69,174		...		256,270		139,897		...
1960	85,700		...		136,679		195,872		...
1961	76,355		...		225,231		213,644		...
1962	82,490	14	80,117	14	250,383	43	174,092	30	587,082
1963	100,024	17	108,206	18	218,399	37	164,784	28	591,413
1964	85,353	14	76,250	13	242,243	41	186,076	32	589,922
1965	99,134	17	58,922	10	233,586	41	176,056	31	567,698
1966	105,542	16	66,689	10	310,118	46	190,264	28	672,613
1967	123,736	18	71,372	10	325,403	48	162,822	24	683,333
1968	99,037	16	63,550	10	266,022	42	199,135	32	627,744
1969	99,940	15	83,273	12	261,801	39	229,294	34	674,308
1970	102,253	14	72,265	10	298,212	41	263,452	36	736,182
1971	127,797	17	71,962	10	331,194	44	225,231	30	756,184
1972	143,861	18	90,092	11	269,297	34	299,497	37	802,747
1973	145,252	15	97,411	10	370,641	39	341,064	36	954,368
1974	147,898	15	83,566	8	434,227	43	347,619	34	1,013,310
1975	116,860	12	105,871	11	412,447	42	345,003	35	980,181
1976	149,634	13	137,811	12	484,144	41	397,347	34	1,168,936
1977	98,706	9	154,240	14	490,646	43	387,810	34	1,131,402
1978	135,798	11	140,245	11	620,360	49	365,177	29	1,261,580
1979	100,794	9	128,736	11	543,354	47	395,263	34	1,168,147
1980	107,815	9	142,708	12	589,109	48	383,088	31	1,222,720
1981	106,020	9	116,526	10	557,812	47	415,074	35	1,195,432
1982	99,324	9	116,107	10	589,880	51	355,453	31	1,160,764
1983	80,338	6	122,717	9	741,598	57	358,957	28	1,303,610
1984	91,661	6	115,534	8	812,239	57	402,059	28	1,421,493
1985	90,690	7	139,529	10	653,629	48	488,325	36	1,372,173
1986	82,040	5	167,524	10	820,440	51	535,567	33	1,605,571
1987	78,620	5	179,487	11	748,308	47	592,238	37	1,598,653
1988	86,628	5	137,079	8	921,632	54	559,830	33	1,705,168
1989	97,238	6	145,825	8	906,708	51	617,250	35	1,767,021
1990	91,438	5	187,079	10	963,410	51	654,562	35	1,896,489
1991	71,848	3	170,340	8	1,192,215	57	649,041	31	2,083,444
1992	92,399	5	176,491	9	1,106,108	54	670,772	33	2,045,770
1993	89,342	5	164,068	9	1,006,105	53	656,175	34	1,915,690
1994	114,896	6	189,926	9	1,088,346	53	659,000	32	2,052,168
1995	99,638	5	176,206	8	1,195,045	57	629,787	30	2,100,676
1996	114,139	6	175,555	9	1,141,455	56	591,274	29	2,022,424
1997	138,203	6	204,321	9	1,123,702	51	741,055	34	2,207,281
1998	138,173	5	181,669	7	1,462,736	57	775,173	30	2,557,751
1999	162,560	7	180,092	7	1,413,042	57	740,287	30	2,495,981
2000	128,740	5	212,749	8	1,438,779	57	741,897	29	2,522,165
2001	137,267	5	191,502	7	1,350,432	53	885,012	35	2,564,213

Table 10. Catches of albacore, bigeye, skipjack and yellowfin by ocean area. Symbols: '...' = missing data; estimates in parentheses have been carried over from previous years. Estimates for 2001 are preliminary.

YEAR	WCPO		EPO		ATLANTIC		INDIAN		TOTAL
	MT	%	MT	%	MT	%	MT	%	
1950	...		...		42,335		15,230		...
1951	...		...		37,617		9,130		...
1952	...		...		39,012		24,227		...
1953	...		...		38,735		27,516		...
1954	...		...		48,408		39,194		...
1955	...		...		43,120		54,127		...
1956	...		...		52,942		70,381		...
1957	...		...		77,396		59,604		...
1958	...		...		100,474		52,650		...
1959	...		...		122,384		56,985		...
1960	...		...		145,384		69,839		...
1961	...		...		135,231		75,446		...
1962	357,897	42	229,185	27	169,697	20	92,642	11	849,421
1963	304,722	36	286,691	33	188,394	22	76,761	9	856,568
1964	347,953	40	241,969	28	201,987	23	81,632	9	873,541
1965	341,978	39	225,720	26	222,199	25	92,131	10	882,028
1966	464,840	48	207,773	22	181,817	19	110,437	11	964,867
1967	404,594	40	278,739	28	184,929	18	141,346	14	1,009,608
1968	370,252	36	257,492	25	228,018	22	177,884	17	1,033,646
1969	392,479	37	281,829	26	236,695	22	159,481	15	1,070,484
1970	446,237	40	289,945	26	237,191	22	128,532	12	1,101,905
1971	459,017	39	297,167	25	290,960	25	118,343	10	1,165,487
1972	504,663	41	298,084	24	301,937	25	113,440	9	1,218,124
1973	612,542	44	341,826	25	306,180	22	117,881	9	1,378,429
1974	644,667	42	368,643	24	360,996	24	149,213	10	1,523,519
1975	570,467	40	409,714	29	301,679	21	126,968	9	1,408,828
1976	703,340	44	465,596	29	316,953	20	122,503	8	1,608,392
1977	731,241	44	400,161	24	372,569	23	140,170	9	1,644,141
1978	789,526	44	472,054	27	368,658	21	148,351	8	1,778,589
1979	760,019	46	408,128	25	338,014	21	133,820	8	1,639,981
1980	825,622	48	397,098	23	368,051	21	134,812	8	1,725,583
1981	795,920	45	399,512	23	414,702	24	141,098	8	1,751,232
1982	853,400	47	307,364	17	467,019	26	172,226	10	1,800,009
1983	1,061,111	55	242,499	13	427,438	22	194,041	10	1,925,089
1984	1,135,998	55	285,495	14	371,658	18	266,174	13	2,059,325
1985	1,005,486	47	366,687	17	429,526	20	315,958	15	2,117,657
1986	1,133,270	47	472,301	20	422,654	18	365,212	15	2,393,437
1987	1,135,264	47	463,389	19	397,706	17	409,007	17	2,405,366
1988	1,234,150	47	471,018	18	409,025	16	504,385	19	2,618,578
1989	1,291,490	48	475,531	18	418,847	16	504,348	19	2,690,216
1990	1,415,444	49	481,045	17	482,617	17	522,320	18	2,901,426
1991	1,652,301	52	431,143	14	532,223	17	560,698	18	3,176,365
1992	1,602,538	51	443,232	14	492,328	16	621,004	20	3,159,102
1993	1,472,498	46	443,192	14	537,112	17	738,332	23	3,191,134
1994	1,610,572	49	441,596	13	548,747	17	703,408	21	3,304,323
1995	1,614,451	48	486,225	15	507,434	15	730,924	22	3,339,034
1996	1,539,962	47	482,462	15	485,550	15	759,003	23	3,266,977
1997	1,655,315	49	551,966	16	448,587	13	749,278	22	3,405,146
1998	2,038,584	54	519,167	14	464,346	12	763,150	20	3,785,247
1999	1,842,912	47	653,069	17	501,324	13	904,142	23	3,901,447
2000	1,908,910	50	613,255	16	443,777	12	855,445	22	3,821,387
2001	1,914,159	50	650,054	17	(443,777)	11	(855,445)	22	3,863,435

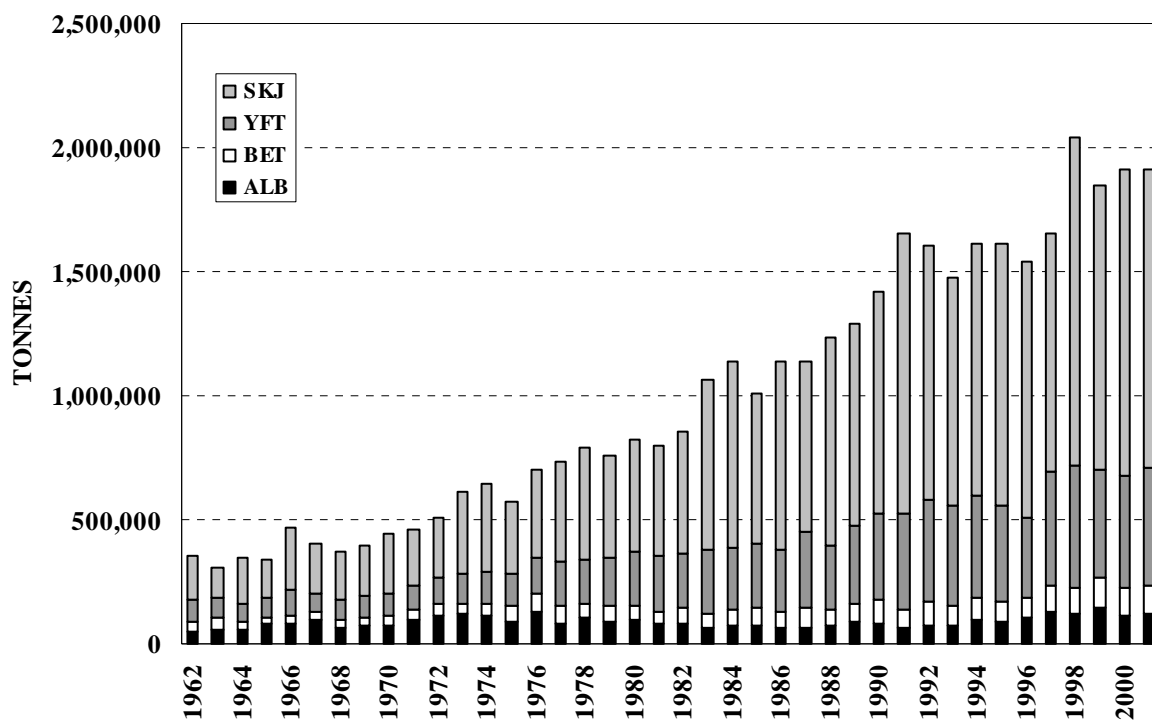


Figure 1. Catches of albacore (ALB), bigeye (BET), skipjack (SKJ) and yellowfin (YFT) in the WCPO

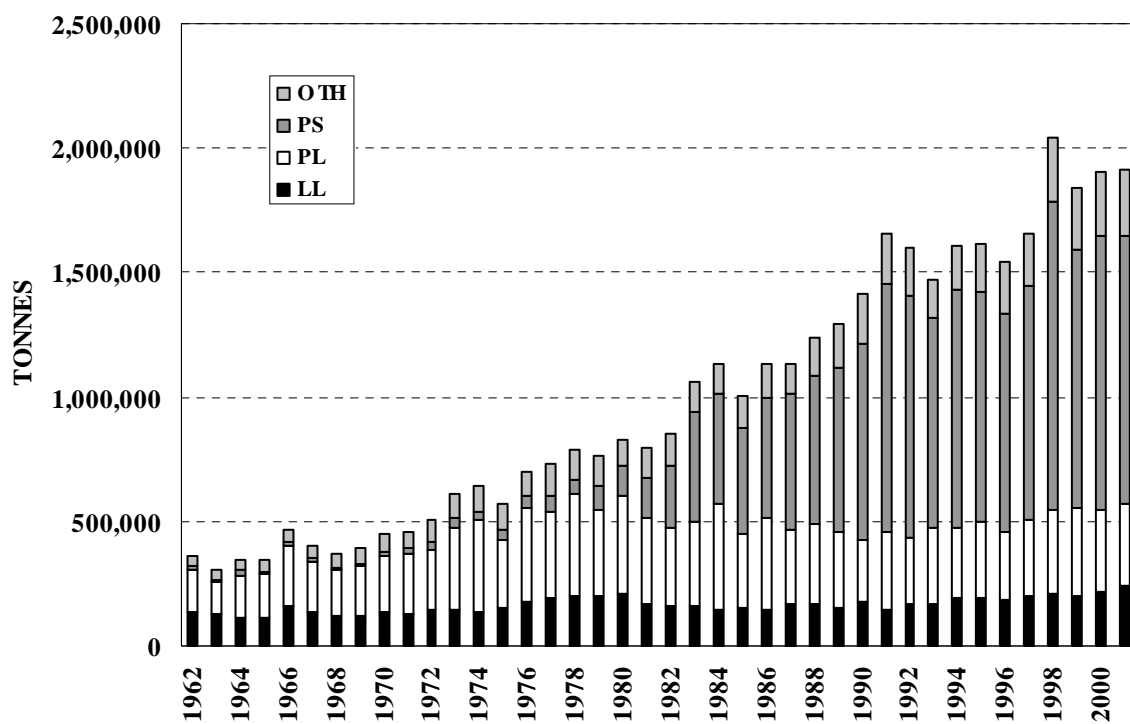


Figure 2. Catches by longline (LL), pole-and-line (PL), purse seine (PS) and other gear types (OTH) in the WCPO

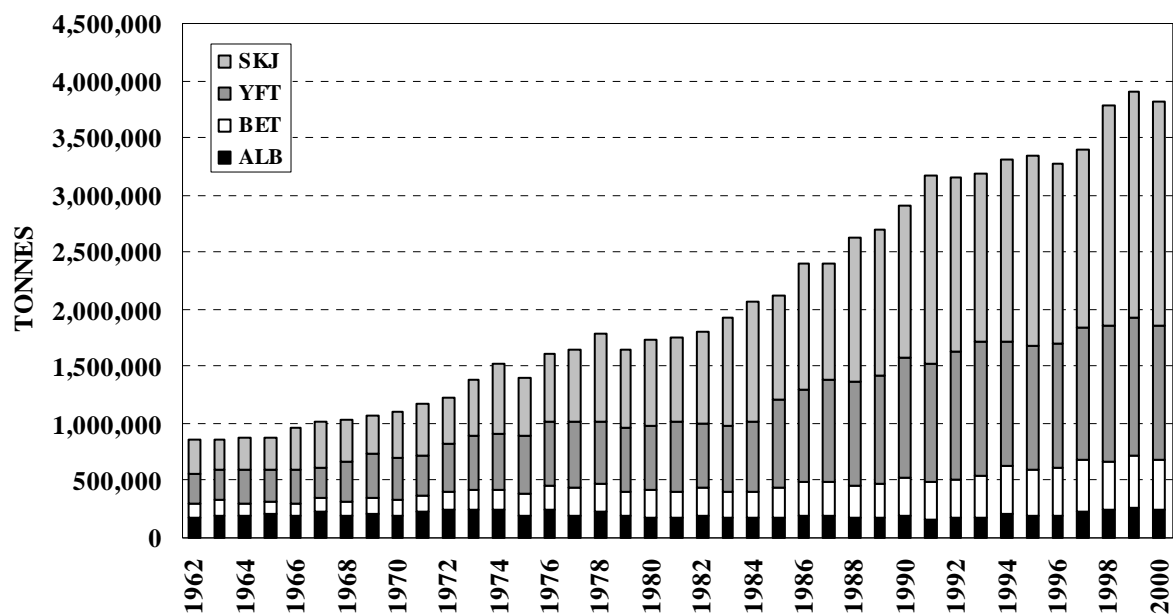


Figure 3. Global catches of albacore (ALB) , bigeye (BET), skipjack (SKJ) and yellowfin (YFT)

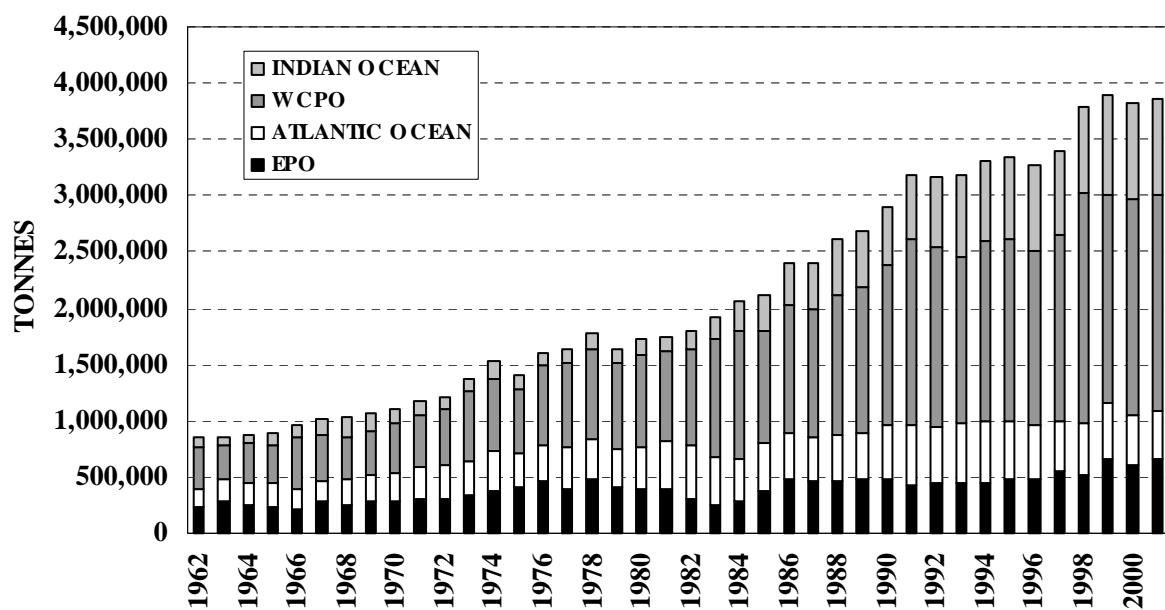


Figure 4. Catches of albacore, bigeye, skipjack and yellowfin in the Atlantic Ocean, Indian Ocean, Eastern Pacific Ocean (EPO) and Western and Central Pacific Ocean (WCPO), including preliminary estimates for 2001