

**Status of ISC Data Base Inventory
for the Fisheries Related with Marlins and Swordfish ¹**

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Statistical working group handles the ISC fisheries statistics as Categories I, II and III provided from each country/entity. The Working Group has proposed data format for submission of each Category data (Attachment 5 in Report of STAT-WG 2002). These data is made available to contributors only and to authorized scientists of ISC working groups, except for public domain data posted on the ISC web site (Report of STAT-WG 2002). The Working Group has a central database for ISC fisheries statistics which is an offline system now, although we will prepare the developed online system in March 2006.

Category I data related with marlins and swordfish fisheries are stored in the ISC database. The latest category I data by country/entity are shown in Table 1 for catch and Table 2 for effort. They were collected from the National reports submitted to the ISC plenary meetings, and has been revised by the updates data provided from a data correspondent of each ISC member.

No Category II and III data are stored in the ISC database. ALB- WG tries to change their data formats to ISC data format, although they have Category II data including the fisheries related with marlins and swordfish.

Table 1. Catch of swordfish and marlins in the North Pacific (unit: metric tons).
 Figures in italic shows provisional catches.

Nation		JAPAN																
Species*	SWO							MLS			BUM	BUM (+BLM)	BUM (+BLM)	BLM	SFA+SSP			
Gear***	LL1&2	LL3	GN	HP	Other Bait Fishing	Trap Net	OT	subtotal	LL1&2	LL3	subtotal	LL1&2	LL3	subtotal	LL1&2	LL1&2	LL3	subtotal
Data Available Years	1952-	1952-	1952-	1952-	1971-	1971-	1952-***		1980-	1980-		1980-	1980-		1980-	1980-	1980-	
1990	5,833	687	1,026	128	11	4	53	7,742	2,298	1,125	3,423	4,116	1,204	5,320	75	117	186	303
1991	4,809	799	424	153	18	5	84	6,292	2,677	1,197	3,874	4,094	1,342	5,436	85	161	305	466
1992	7,234	1,173	840	381	15	6	56	9,705	2,757	1,247	4,004	3,720	1,657	5,377	111	128	216	344
1993	8,298	1,394	292	309	41	4	3	10,341	3,286	1,723	5,009	4,600	2,092	6,692	69	118	189	307
1994	7,146	1,357	421	308	30	4	7	9,273	2,859	1,284	4,143	4,769	1,833	6,602	101	146	177	323
1995	6,242	1,386	561	423	33	7	2	8,654	3,402	1,840	5,242	4,470	1,687	6,157	61	155	344	499
1996	6,916	1,063	428	597	44	4	5	9,057	1,951	1,836	3,787	2,357	1,332	3,689	54	103	327	430
1997	7,002	1,400	365	346	57	5	6	9,181	2,120	1,213	3,333	2,975	1,023	3,998	56	98	209	307
1998	6,194	1,975	470	476	66	2	6	9,189	1,777	1,186	2,963	2,374	1,147	3,521	56	119	270	389
1999	5,848	1,551	724	416	46	5	3	8,593	1,621	1,047	2,668	2,534	1,063	3,597	46	185	172	357
2000	6,136	1,109	808	497	45	5	13	8,613	1,128	1,112	2,240	2,503	1,226	3,729	60	133	93	226
2001	6,914	1,326	732	230	28	15	11	9,256	976	899	1,875	2,547	1,215	3,762	38	74	74	148
2002	6,169	1,175							756	1,146	1,902	2,139	1,043	3,182	59	53	69	122
2003	4,959											1,912			22	102		
2004																		

Nation		U.S.A.																
Species*	SWO							BUM			MLS			BIL				
Gear***	LL Hawaii	LL California	GN	HP	PL	TR	TR/HL	OT	subtotal	LL	TR/HL	subtotal	LL	TR/HL	subtotal	LL	TR/HL	subtotal
Data Available Years	1980- 1970- 1985- 1985- 1985- 1985-							1985- 1985-			1985- 1985-			1985- 1985-				
1990	2,436	18	1,028	50	0	0	5	137	3,674	378	337	715	538	28	566	58	17	75
1991	4,508	39	836	16	0	0	6	137	5,542	297	387	684	663	41	704	69	25	94
1992	5,700	95	1,332	74	0	0	1	44	7,246	347	302	649	459	38	497	142	17	159
1993	5,909	165	1,400	169	0	0	4	36	7,683	339	339	678	471	69	540	100	21	121
1994	3,176	740	799	153	0	0	4	8	4,880	362	333	695	326	35	361	99	22	121
1995	2,713	279	755	96	0	0	6	31	3,880	570	353	923	543	52	595	182	29	211
1996	2,502	347	752	81	0	0	5	10	3,697	467	442	909	419	55	474	115	18	133
1997	2,881	664	707	84	0	0	7	3	4,346	487	423	910	352	39	391	143	17	160
1998	3,263	422	924	48	0	0	7	13	4,677	395	264	659	378	26	404	172	19	191
1999	3,100	1,333	606	81	0	0	9	2	5,131	357	331	688	364	29	393	242	32	274
2000	2,949	1,908	646	90	0	0	8	9	5,610	314	235	549	200	14	214	152	16	168
2001	220	1,763	375	52	0	0	7	5	2,422	399	295	694	352	45	397	136	24	160
2002	204	1,320	302	90	0	2	12	3	1,933	264	228	492	226	29	255	160	12	172
2003	147	1,811	216	106	1	-	10	-	2,291	363	208	571	538	28	566	252	13	265
2004																		

Nation		CHINA		MEXICO	KOREA				TAIWAN			
Species*	SWO	BIL	SWO	BLZ	MLS	SWO	White marlin**	SFA	SWO			
Gear***	OT	OT	OT	LL	LL	LL	LL	LL	LL1	LL2	OT	subtotal
Data Available Years	2001-	2001-	1972-	1995-	1995-	1995-	1995-	1995-	1990-	1990-	1993-	
1990			2,650						143	1,309		1,452
1991			861						40	1,390		1,430
1992			1,160						21	1,473		1,494
1993			812						77	1,174	310	1,561
1994			581						21	1,155	219	1,395
1995			437	1	249	8	0	221	142	1,135	225	1,502
1996			439	8	348	12	0	244	21	1,130	23	1,174
1997			2,365	114	828	246	2	1,291	20	2,177	6	2,203
1998			3,603	265	519	123	11	382	12	1,900	68	1,980
1999			1,136	131	352	104	5	198	93	2,234	37	2,364
2000			2,216	76	436	161	1	127	107	2,470	60	2,637
2001	118.9	151	780	132	206	349	25	28	940	2,727	40	3,707
2002	173.5	122.7	465	121	153	350	1	123	1,572	2,511	24	4,107
2003	272	258	671	125	172	311	13	129		3,196	11	3,207
2004			175	75	350	3	1					

* SWO; swordfish, MLS; striped marlin, BUM; blue marlin, BLM; black marlin, SFA; sailfish, SSP; shortbill spearfish, BIL; billfishes and spearfishes NEI

** should be black marlin, BLM?

*** LL; longline, LL1; distant-water longline, LL2; offshore longline, LL1; coastal longline, GN; drift net, HL; handline, HP; harpoon, PL; pole & line, TR; troll, OT; other gears, or gear not specified

Table 2. Number of tuna fishery vessels in the North Pacific.

Figures in italic shows provisional catches. "--" shows missing data.

Nation	Japan			Canada	Korea		Mexico						
	Gear*	LL	PS		PL**	TR	PS	TR	PS >1,000	PS 363-1,000MT	PS ≤363 MT	PS subtotal	Bait Boat
Year													
1980		2,341	66	3,804									
1981		2,296	73	3,612									
1982		2,078	85	3,486									
1983		1,831	95	3,455									
1984		1,811	87	3,300									
1985		1,919	82	3,110									
1986		1,796	91	2,785									
1987		1,878	81	2,718									
1988		1,778	87	2,890									
1989		1,809	80	2,523									
1990		1,838	78	2,483									
1991		1,890	73	2,519									
1992		1,863	69	2,309				29	14	4	47	5	
1993		1,829	63	2,130				23	12	6	41	6	
1994		1,823	56	2,015				24	14	11	49	5	
1995		1,704	51	654	284			22	15	12	49	6	
1996		1,614	53	676	295			22	15	12	49	6	
1997		1,573	55	598	200			27	14	12	53	10	
1998		1,555	55	543	216			25	14	12	51	12	
1999		1,473	58	580	238			25	15	14	54	12	
2000		1,418	60	518	243	33	4	25	14	16	55	9	
2001		1,461	55	441	244	33	4	24	12	18	54	10	
2002					224	33	4	23	13	18	54	5	
2003					193	33	4	24	15	19	58	4	
2004					218	33	4	26	13	19	58	2	

Nation	USA													
	Gear*	LL Hawaii	LL California	LL subtotal	PS WCPO	PS EPO	PS subtotal	TR Albacore	PL Hawaii	PL EPO	PL subtotal	GN	HP	*TR/HL
Year														
1985		--	0	0	39	71	110	824	18	9	27	210	99	0
1986		--	0	0	32	53	85	462	16	3	19	220	113	0
1987		37	0	37	33	52	85	518	13	5	18	210	98	0
1988		50	0	50	31	56	87	547	13	4	17	192	83	0
1989		88	0	88	35	49	84	346	10	8	18	158	44	0
1990		138	0	138	39	46	85	371	8	4	12	146	49	0
1991		141	3	144	43	22	65	179	7	5	12	123	32	0
1992		123	2	125	44	18	62	603	7	4	11	113	48	0
1993		122	7	129	42	20	62	518	9	4	13	105	44	0
1994		125	31	156	48	14	62	686	7	4	11	112	49	0
1995		110	22	132	44	11	55	464	7	4	11	127	39	0
1996		103	15	118	35	8	43	640	8	1	9	100	30	2,175
1997		105	25	130	34	8	42	1121	8	1	9	104	31	2,119
1998		114	33	147	36	7	43	755	7	2	9	87	26	2,100
1999		119	37	156	22	6	28	705	8	1	9	78	30	2,191
2000		125	44	169	22	8	30	649	6	1	7	77	26	1,919
2001		101	38	139	28	4	32	870	6	3	9	64	23	1,912
2002		100	20	120	22	4	26	641	6	7	13	45	29	1,684
2003		110	24	134	26	4	30	718	6	1	7	37	29	
2004														

* LL; longline, GN; gill net, HL; handline, HP; harpoon, PL; pole & line, TR; troll

** Japan's PL includes trolling boat in 1980-1994, and excludes them from 1995.