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Table 1. Purse seine days fished in waters under national jurisdiction and in International waters in the WCPFC-CA between 20°N and 20°S.

EEZ	2001	2002	2003	2004	Av. 2001- CMM 2008-		2005	2006	2007	2008	2009	2010	2011
					2004	01							
COOK ISLANDS	46	231	8	6	73	73	2	8	3	30	45	19	104
FIJI	12	5	10	26	13	26	36	6	6	23	12	29	27
FRANCE (FRENCH POLYNESIA)	0	2	0	0	1	1	0	0	0	0	0	0	0
FRANCE (WALLIS AND FUTUNA)	5	3	4	0	3	3	4	0	0	6	6	1	3
INDONESIA	2,844	2,889	3,346	4,424	3,376	4,424	1,612	1,472	1,400	1,414	1,985	1,912	2,281
NIUE	0	0	1	0	0	0	0	0	0	0	0	0	1
PHILIPPINES	3,624	3,881	5,382	5,611	4,625	5,611	5,249	5,224	5,759	6,939	5,037	3,329	2,314
SAMOA	7	12	3	4	7	7	3	1	3	7	9	7	39
TOKELAU	98	400	27	68	148	148	128	34	49	138	218	180	885
TONGA	2	0	0	1	1	1	1	0	0	0	0	0	0
USA	348	486	238	299	343	343	132	194	107	64	131	33	43
VANUATU	2	2	0	23	0	0	1	0	0	14	1	0	4
VIETNAM	0	0	0	0	0	0	0	0	0	0	0	0	0
PNA EEZs - excl. AWs	24,923	27,265	29,305	30,713	28,052	30,713	32,211	31,723	30,758	32,414	32,232	43,819	46,125
PNA EEZs - AW only	2,446	2,247	3,575	3,147	2,854		4,699	3,910	5,509	5,706	6,461	5,733	8,164
PNA EEZs - TOTAL	27,369	29,512	32,880	33,860	30,905		36,910	35,633	36,267	38,120	38,711	49,560	54,291
TOTAL EEZs - excl. AWs	31,911	35,176	38,324	41,175	36,647	41,175	39,379	38,662	38,085	41,049	39,676	49,329	51,826
TOTAL EEZs - excl. AWs and ID/PH	25,443	28,406	29,596	31,140	28,646	31,140	32,518	31,966	30,926	32,696	32,654	44,088	47,231
TOTAL EEZs (incl. AWs)	34,357	37,423	41,899	44,322	39,500	44,322	44,078	42,572	43,594	46,755	46,155	55,070	59,992
TOTAL INT. WATERS	7,284	8,171	8,248	10,136			8,648	6,615	7,705	8,984	10,688	2,190	2,049
TOTAL (EEZs + IW)	41,641	45,594	50,147	54,458			52,726	49,187	51,299	55,739	56,843	57,260	62,041
TOTAL minus ID/PH	34,673	38,324	40,919	43,923			45,365	41,991	43,640	46,886	49,321	51,519	56,946

TABLE 1 -- Notes:

1. Source: Raised logsheet data.
2. The column labeled "CMM-2008-01" does not take into account paragraphs 6 and 7, and footnote 2 of CMM 2008-01
3. Catches and effort of vessels operating under charters and similar arrangements have been attributed to host island states or territories in accordance with paragraph 2 of CMM 2008-01 using the best information available to SPC-OFP. However, in several cases, catches have not yet been attributed to the CCM responsible for the "charter or similar arrangements" since the flag state CCM has yet to advise that it has excluded these catches from their data (and thereby avoid double-counting).
4. Purse-seine days for Indonesia and the Philippines have been estimated according to Appendix A in the SC4 Statistics SWG Working paper WP-4 (Data relating to purse-seine effort on the high seas and in the zones of non-PNA member CCMs).
5. The definition of days effort in this table may differ from the definition of days used in the PNA Vessel Day Scheme (VDS)
6. The Total International waters effort does not includes estimates of effort for the Philippines domestic fleet at this stage (refer to note on the Philippines in Table 2(b)).

Table 2(a). Purse seine days fished in international waters in the WCPFC-CA between 20°N and 20°S, by flag, based on available operational data.

PURSE SEINE DAYS FISHED INTERNATIONAL WATERS 20°N-20°S													
Flag	2001	2002	2003	2004	Av.		2005	2006	2007	2008	2009	2010	2011
					2001-2004	CMM 2008-01							
CHINA	109	126	151	420	202	420	508	232	334	261	1,000	13	9
CHINESE TAIPEI	1,969	1,865	1,487	1,913	1,809	1,913	1,262	1,244	1,506	1,341	1,365	96	76
ECUADOR	0	0	0	0	0	0	0	0	49	150	39	53	37
EL SALVADOR	20	34	3	0	14	14	0	0	104	130	97	63	52
EUROPEAN UNION	38	63	86	103	73	103	30	315	173	311	241	366	339
FSM	240	240	176	387	261	387	222	86	168	123	334	6	3
INDONESIA	500	500	500	500	500	500	500	500	500	500	500	500	500
JAPAN	1,374	1,274	1,756	1,859	1,566	1,859	1,768	1,493	1,209	1,704	2,080	111	67
KIRIBATI	40	51	40	35	42	42	46	53	22	19	191	114	205
MARSHALL ISLANDS	175	216	435	400	307	400	402	158	155	290	168	71	32
NEW ZEALAND	22	329	346	214	228	346	98	289	208	196	210	68	26
PAPUA NEW GUINEA	388	585	584	1,130	672	1,130	1,271	404	670	592	804	78	23
PHILIPPINES	13	55	434	452	239	452	306	150	26	73	20	2	0
REPUBLIC OF KOREA	1,304	1,287	1,158	1,246	1,249	1,249	1,082	742	1,398	1,513	1,728	208	65
SOLOMON ISLANDS	31	36	0	0	17	17	17	15	5	0	0	0	0
TUVALU	0	0	0	0	0	0	0	0	0	0	36	4	5
USA	964	1,334	861	987	1,037	1,037	767	533	798	1,566	1,773	400	583
VANUATU	66	174	184	593	254	593	369	401	379	215	103	37	27
TOTAL	7,253	8,169	8,201	10,239	8,466	10,461	8,648	6,615	7,704	8,984	10,689	2,190	2,049

TABLE 2(a) -- Notes:

1. Source: Raised logsheet data. 2011 data are provisional.
2. The column labeled "CMM-2008-01" does not take into account paragraphs 6 and 7, and footnote 2 of CMM 2008-01
3. Catches and effort of vessels operating under charters and similar arrangements have been attributed to host island states or territories in accordance with paragraph 2 of CMM 2008-01 using the best information available to SPC-OFP. However, in several cases, catches have not yet been attributed to the CCM responsible for the "charter or similar arrangements" since the flag state CCM has yet to advise that it has excluded these catches from their data (and thereby avoid double-counting).
4. Purse-seine days for Indonesia have been arbitrarily assigned 500 days for high seas according to Appendix A in the SC4 Statistics SWG Working paper WP-4 (Data relating to purse-seine effort on the high seas and in the zones of non-PNA member CCMs)
5. VMS-based estimates for the European Union (EU) were provided by email subsequent to SC4, and 1 degree square aggregate fishing data were provided in December 2008. The aggregate catch and effort data were used as the basis for EU estimates in this table to provide consistency with the other flag estimates also based on operational or 1 degree square aggregate fishing data.
6. The New Zealand purse seine fleet are covered by the reference in footnote 2 in paragraph 10 of CMM2008-01, and the days in Table 2 of CMM 2008-01. Using this footnote, New Zealand can use the days from 2003.
7. The International waters effort for the Philippines domestic fleet is not included since effort for years other than 2004 are not available (refer to note on the Philippines in Table 2(b)).
8. During September 2012, USA and Chinese Taipei advised the WCPFC Secretariat of their estimates for 2011, which differ from the values above, and will be reviewed by SPC in due course, once 2011 operational data are complete and available..

Table 2(b). Limit estimates for the high seas and the zones of non-PNA CCMs (and non-WCPFC members) established by CMM-2008-01 between 20°N and 20°S average vessel days 2001-2004 or 2004)

Entity	Vessel days						SEE NOTE
	National Waters		High Seas (Pockets 1 & 2)		High Seas (remainder)		
	2004	2001-2004	2004	2001-2004	2004	2001-2004	
AMERICAN SAMOA	-	-	-	-	-	-	
AUSTRALIA	-	-	-	-	-	-	
CANADA	-	-	-	-	-	-	
CHINA	-	-	393	190	34	10	
CHINESE TAIPEI	-	-	1,836	1,459	77	349	
CNMI	-	-	-	-	-	-	
COOK ISLANDS	6	73	-	-	-	-	
ECUADOR	-	-	-	-	12	4	(1)
EL SALVADOR	-	-	-	-	-	16	
EC-SPAIN	-	-	-	-	103	73	(2)
FIJI	29	14	-	-	-	-	
FRENCH POLYNESIA	-	2	-	-	-	-	
FSM	-	-	343	213	40	47	
GUAM	-	-	-	-	-	-	
INDONESIA	6,363	-	500	-	-	-	(3)
JAPAN	-	-	1,715	1,396	144	171	(4)
KIRIBATI	-	-	32	40	3	2	
KOREA	-	-	1,531	1,343	10	228	(5)
MARSHALL ISLANDS	-	-	140	125	258	178	
NAURU	-	-	-	-	-	-	
NEW CALEDONIA	-	-	-	-	-	-	
NEW ZEALAND	-	-	137	247	73	96	(6)
NIUE	-	-	-	-	-	-	
PALAU	-	-	-	-	-	-	
PHILIPPINES	5,477	-	4,659	237	-	2	(7)
PNG	-	-	1,029	576	93	87	(8)
SAMOA	4	6	-	-	-	-	
SOLOMON ISLANDS	-	-	-	10	-	7	
TOKELAU	67	149	-	-	-	-	
TONGA	1	1	-	-	-	-	
TUVALU	-	-	-	-	-	-	
USA	342	396	507	448	480	618	(9)
VANUATU	23	7	316	129	256	116	
WALLIS AND FUTUNA	-	3	-	-	-	-	
<i>z Non-WCPFC CCM</i>	-	-	-	-	33	33	(10)
LIMIT ESTIMATE [CMM 2008-01]		12,523		13,266		2,326	

Table 2(b) - NOTES

Where not stated, the estimates of high seas effort have been determined using raised operational logsheet data held by the SPC, subject to interpretation of paragraph 6 and 7 of CMM 2008-01. Catches and effort of vessels operating under charters and similar arrangements have been attributed to host island states or territories in accordance with paragraph 2 of CMM 2008-01 using the best information available to SPC-OFP.

1.	<p>ECUADOR</p> <p>Values presented here are from Operational data provided to SPC under the IATTC-SPC data exchange agreement.</p>
2.	<p>EU-SPAIN</p> <p>[15 Oct 2008] Annual high seas effort by the EU fleet for period 2001-2007 provided (Sourced from VMS data). Source of EEZ coordinates used to determined high seas days unknown. Definition of "DAY" thought to be days at sea since the data are sourced from VMS.</p> <p>[13 Aug 2009] The estimates of purse seine effort based on VMS data for 2004 and the average of 2001-2004 were 90 and 58 days, respectively. The estimates of purse seine effort based on aggregate catch/effort data for 2004 and the average of 2001-2004 were 103 and 73 days respectively. The estimates based on the aggregate catch/effort data appear in Table 2 of CMM 2008-01 and provide consistency with the other flag estimates - these estimates will be used until operational data are made available to provide a better estimate.</p>
3.	<p>INDONESIA</p> <p>WCPFC (SPC-OFP) does not have any operational catch/effort data for the Indonesia domestic purse seine fleet to determine the extent of activities by area, so the following methods have been used in the absence of the data.</p> <p>1. National waters</p> <p>For 2004, the average CPUE (SKJ+YFT+BET)/days = 24 MT/day in the tropical waters of the WCPFC Convention Area. Applying this to the total purse seine catch estimates for domestic Indonesia purse seine fishery in 2004 (164,721 mt) gives 6,363 days (after subtracting an arbitrary estimate of 500 days for activities on the high seas – see below).</p> <p>For 2003-2006, the average CPUE (SKJ+YFT+BET)/days = 26.5 MT/day in the tropical waters of the WCPFC Convention Area. Applying this to the annual average purse seine catch estimate for domestic Indonesia purse seine fishery for 2003-2006 (170,243 mt) gives 5,924 days (after subtracting an arbitrary estimate of 500 days for activities on the high seas – see below).</p> <p>2. High seas</p> <p>WCPFC (SPC-OFP) doesn't have any effort data for the Indonesia domestic purse seine fleet but presumably they fish in the high seas enclave between FSM, PNG, Palau and Indonesia. If this effort is assumed to be similar to the effort of the Philippines fleet based in PNG, a value of 500 days could possibly be attributed to fishing in the high seas by the Indonesian fleet.</p>

4.	<p>JAPAN</p> <p>Complete operational logsheet data provided to the Commission on 16th April 2009 in relation to CMM 2008-01. These data represent 100% coverage and therefore a better source of data to estimate high seas effort, so the estimates have been revised compared to information presented to WCPFC5.</p>
5.	<p>KOREA</p> <p>[12 Sep 2008] Advice from Korea Indicates that average fishing days from 2001 to 2004 are 1,571 days and fishing days in 2004 are 1,531 days. Yet to be reconciled since the source of EEZ coordinates used to estimate high seas days is unknown. Also we are not sure of their definition of "DAY". SPC estimates 1,234 days for 2004 and 1,230 as the average for 2001-2004.</p>
6.	<p>NEW ZEALAND</p> <p>The New Zealand purse seine fleet are covered by the reference in footnote 2 in paragraph 10 of CMM2008-01, and the days in Table 2 of CMM 2008-01. Using this footnote, New Zealand can use the days from 2003, which is 343 days – 247 days in high seas pockets 1&2 and 96 days in the remaining high seas areas.</p>
7.	<p>PHILIPPINES</p> <p>According to logsheet data provided to the WCPFC by the Philippines, the total high seas effort by the Philippines domestic and PNG-based fleets (as at August 2010) amounts to 5,647 days. The effort in national waters for 2004 according to the logsheet data are 1,075 days. However, the logsheet data have not been verified and do not represent 100% coverage and information to raise these data is currently not available.</p> <p>The estimate of high seas effort by the domestic Philippines purse seine fleet for 2004 provided by the Philippines was 4,659 days. The estimate for effort in national waters provided by the Philippines is 5,477 days. These estimates differ from what are determined from the unraised, logsheet data but have been retained in Table 2(b) as the best available estimates.</p> <p>Estimates of high seas effort for the domestic Philippines purse seine fleet for years other than 2004 have not been provided by the Philippines as yet.</p>
8.	<p>PNG</p> <p>[20 Aug 2009] PNG provided revised purse-seine catch estimates for 2004–2007 in their 2008 provision of data to the WCPFC, which resulted in a change in the estimated purse seine effort.</p>
9.	<p>USA</p> <p>[13 Sep 2008] USA has provided a value of 1,066 days as the average for 2001-2004, but only 1,038 days have been determined using the data available to the WCPFC (SPC-OFP). The WCPFC (SPC-OFP) are currently working with US-NMFS to review the respective EEZ coordinates used in the process of determining high seas days.</p> <p>Effort limits cannot be applied to vessels operating under the US Multilateral purse-seine Treaty when in the national waters of Pacific Island countries, which is referenced in</p>

	<p>paragraphs 6 and 7 of CMM 2008-01.</p>
<p>10.</p>	<p>Other Non-WCPFC CCM</p> <p>This entity relates to fleets based in the Eastern Pacific Ocean or IATTC-member country fleets providing data to IATTC, but excluding fleets for which the WCPFC already hold operational data (e.g. Vanuatu, El Salvador, Ecuador, Spain and the USA) .</p> <p>Other fleets that may support purse seine effort on WCPO tuna stocks may include Malaysia and Vietnam but data are not available to include consideration of this possible effort here.</p> <p>1. Days in national waters within the WCPFC Convention Area.</p> <p>For 2001-2004, none of these fleets were licensed to fish in national waters according to information currently available, so no fishing activity by non-WCPFC CCM fleets has been attributed to national waters. (0 days)</p> <p>For 2003-2006, none of these fleets were licensed to fish in national waters according to information currently available, so no fishing activity by non-WCPFC CCM fleets has been attributed to national waters. (0 days)</p> <p>2. High Seas</p> <p>From IATTC data, after removing El Salvador, Ecuador, Spain and Vanuatu fleet effort (which are already counted), the effort in 2004 for these fleets fishing in the WCPFC Convention Area was the same as the average effort for 2001-2004. For 2001-2004, the number of days effort in the WCPFC Convention Area was 33 days, according to aggregate data provided by IATTC data. (33 days).</p> <p>For 2003-2006, the number of days effort in the WCPFC Convention Area was 21 days, according to best available operational and aggregate data provided by IATTC data.</p>

Table 3. Reported longline catches (metric tonnes) of bigeye tuna in the WCPFC-CA, by flag.

CCM	2001	2002	2003	2004	Av. 2001- 2004	CMM 2008- 01 Attach. F	CMM 2008-01 (Curr.)	2005	2006	2007	2008	2009	2010	2011	2011 (excl. SIDs)	CMM 2008-01 2011 limits	See Notes
AMERICAN SAMOA	75	196	242	227	185	185		134	181	218	132	249	487	1,176			(4)
AUSTRALIA	1,307	1,002	1,024	892	1,056	1,056	2,000	791	499	1,008	1,027	726	458	379	379	2,000	(10)
BELIZE	1,322	812	782	297	803	803	803	425	254	158	89	43	89	102	102	803	(12)
CHINA	2,227	2,312	8,965	11,748	6,313	9,314	11,748	7,520	13,378	10,535	10,798	15,289	13,924	11,139	11,139	8,224	(6), (9), (15), (16)
CHINESE TAIPEI	12,435	16,645	14,429	20,992	16,125	15,854	16,125	15,498	14,295	14,760	15,229	13,319	11,552	11,275	11,275	11,288	(16)
COOK ISLANDS	1	56	204	394	164	164		220	166	238	292	217	192	394			(4)
EUROPEAN COMMUNITY	0	0	0	42	11	11	2,000	17	62	62	77	46	15	10	10	2,000	(10)
FSM	651	759	656	542	652	652		182	172	1,395	970	1,395	899	1,269			(4)
FIJI	662	853	889	1,254	915	915		423	771	556	671	689	532	604			(4)
FRANCE (FRENCH POLYNESIA)	745	649	439	502	584	584		606	498	478	490	587	436	607			(4)
FRANCE (NEW CALEDONIA)	128	189	142	90	137	137		76	35	53	63	51	44	41			(4)
FRANCE (WALLIS AND FUTUNA)	0	0	0	0	0	137		0	0	0	0	0	0	6			(4)
INDONESIA	942	1,470	2,168	2,192	1,693	8,413	2,192	2,202	3,011	1,993	3,579	4,000	1,221	1,699	1,699	2,000	(6), (11), (19)
JAPAN	27,466	29,574	26,110	29,248	28,100	28,100	28,100	23,021	25,685	26,076	19,593	16,880	15,743	14,057	14,057	19,670	
KIRIBATI	0	0	1	0	0	0		0	0	0	44	0	3	70			(4)
MARSHALL ISLANDS	0	0	0	1	0	0		0	0	3	375	381	257	259			(4)
NAURU	6	3	10	0	5	5		0	0	0	0	0	0	0			(4)
NEW ZEALAND	481	201	204	177	266	266	2,000	175	177	213	133	253	132	174	174	2,000	(10)
NIUE	0	0	0	0	0	0		10	22	18	1	10	4	0			(4)
PALAU	21	1	1	7	8	8		0	0	0	0	0	0	0			(4)
PAPUA NEW GUINEA	240	318	390	399	337	335		237	216	111	201	128	39	59			(4)
PHILIPPINES	59	59	59	59	59	343	2,000	59	59	59	59	59	59	0	0	2,000	(8), (10)
REPUBLIC OF KOREA	22,172	28,533	17,151	17,941	21,449	21,499	21,449	15,622	12,489	10,054	17,001	15,231	13,914	15,282	15,282	15,014	(16)
SAMOA	185	137	110	104	134	134		64	128	101	106	117	108	71			(4)
SENEGAL	0	0	0	0	0	0		0	3	2	0	0	0	0	0		(13)
SOLOMON ISLANDS	187	401	385	294	317	476		3	0	0	0	0	481	481			(4), (16)
TONGA	191	215	94	40	135	135		125	117	129	81	38	24	18			(4)
TUVALU	0	0	0	0	0	135		0	0	0	0	0	0	105			(4)
USA	2,418	4,396	3,618	4,181	3,653	4,181	4,181	4,462	4,381	5,381	4,649	3,741	3,577	3,566	3,566	3,763	(6), (17)
VANUATU	17	396	841	1,862	779	779		1,558	1,651	2,122	860	1,300	2,060	1,809			(4)
Total	73,938	89,177	78,914	93,485	83,879	94,621	92,598	73,430	78,250	75,723	76,520	74,749	66,250	64,652	57,683	68,762	
VIETNAM	1,450	614	2,129	2,781				3,527	3,538	3,648	3,358	2,992	2,441	3,424			(14)

Table 3 - Notes:

1. Source: WCFPC Annual catch estimates as at 1st September 2012 (2011 data are provisional).
2. Catch estimates in red have been carried over from previous years.
3. Indonesia and Philippines have recently revised their estimates in recent years. (see the respective Annual Catch Estimate Workshop reports at (<http://www.wcpfc.int/west-pacific-east-asia-oceanic-fisheries-management-project>)
4. The limits in the column labeled "CMM 2008-01 - 2010 limits" and "CMM 2008-01 - 2011 limits" do not apply to small island developing State members and participating Territories according to paragraph 34 of CMM 2008-01.
5. Catches and effort of vessels operating under charters and similar arrangements have been attributed to host island states or territories in accordance with paragraph 2 of CMM 2008-01 using the best information available to SPC-OFP. However, in several cases, catches have not yet been attributed to the CCM responsible for the "charter or similar arrangements" since the flag state CCM has yet to advise that it has excluded these catches from their data (and thereby avoid double-counting).
6. The year 2004 shall apply to China, the United States and Indonesia. (CMM 2008-01 Footnote 3).
7. Attachment F in the CMM 2008-01 (BASELINE LONGLINE BIGEYE TUNA CATCHES, BY FLAG) represents the bigeye catch estimates available at the time of establishing CMM 2008-01.
8. Estimates include archipelagic water catches which for some countries cannot be separated at this stage (e.g. Philippines).
9. For China, Para 36 overrides the reduction in catches listed in Para 33 in regards to 2009 and 2010 limits.
10. The catch limits established at 2,000t prior to 2010, remain at the level of 2,000t. (according to CMM 2008-01 Para. 32)
11. The catch limits reduced by 20% for 2010 that fall below 2,000t. are to be set at 2,000t. (Para. 38)
12. The catch limit set for Belize prior to 2009 is retained for 2009, according to WCFPC6 Report (Para. 27)
13. Senegal committed to limiting its fishing activities in the WCPF Convention Area to one longline vessel - WCFPC5 Report (Para. 44)
14. The Vietnam longline fleet are understood to fish outside the WCFPC Convention Area (South China Sea).
15. Catches by the Chinese longline fleet in the Kiribati EEZ are included in the estimates.
16. Catches by chartered Chinese, Korean and Chinese-Taipei longline vessels licensed to fish in Solomon Islands waters have been attributed to the Solomon Islands for 2010 and 2011.
17. Para 35 applies to the US so the limit for 2010 will be a 10% reduction of the 2004 baseline catch in Attachment F.
18. Does not yet cover development of new fisheries in the waters of small-island developing states (e.g. Tokelau)
19. Indonesia bigeye tuna catch excludes catches in Archipelagic waters.

Table 4. Estimates of total annual catches (metric tonnes) of bigeye tuna in the WCPFC Statistical Area for fisheries other than longline and tropical purse seine.

GEAR	FLAG	BIGEYE													
		2001	2002	2003	2004	Av. 2001-2004	CMM 2008-01	2005	2006	2007	2008	2009	2010	2011	
Gillnet	Japan	3	12	11	5	8	2,000	6	11	3	13	7	2	2	
	Vietnam	332	353	351	473	377	2,000	673	675	696	641	708	646	606	
Handline	Indonesia	10	16	24	24	19	2,000	28	28	23	35	33	34	68	
	Philippines (large-fish)	349	336	472	263	355	355	670	555	521	637	330	284	225	
	Philippines (small-fish)	3,659	3,876	3,894	3,870	3,825	3,870	2,100	2,100	2,100	2,100	2,929	1,400	600	
	USA	0	0	176	232	102	2,000	210	247	324	148	136	340	297	
	Total	4,018	4,228	4,566	4,389	4,300	8,225	3,008	2,930	2,968	2,920	3,428	2,058	1,190	
Pole-and-line	Fiji	0	0	0	0	0		0	0	0	0	0	0	0	
	French Polynesia	0	0	0	0	0		0	0	0	0	0	0	0	
	Indonesia	624	975	1,438	1,454	1,123	2,000	1,606	1,673	1,250	1,855	2,515	1,014	787	
	Japan	1,377	1,757	857	3,393	1,846	3,393	1,334	3,820	1,977	1,604	1,580	2,374	2,224	
	Solomon Islands	0	0	0	0	0		0	0	37	0	0	0	0	
	USA	0	0	0	0	0	2,000	0	0	0	0	0	0	0	
	Total	2,001	2,732	2,295	4,847	2,969	7,393	2,940	5,493	3,264	3,459	4,095	3,388	3,011	
Ring-net	Philippines	285	37	385	311	255	2,000	336	823	713	322	291	218	579	
Purse seine	Japan	805	967	1,348	1,114	1,059	2,000	542	1,141	1,971	400	339	354	423	
Troll	Japan	182	126	105	83	124	2,000	135	101	124	138	115	157	157	
	Nauru	0	0	0	0	0	2,000	0	0	0	0	0	0	0	
	Tuvalu	0	0	0	0	0	2,000	0	0	0	0	0	0	0	
	USA	226	586	37	149	250	2,000	85	56	63	74	59	118	110	
	Total	408	712	142	232	374	8,000	220	157	187	212	174	275	267	
Unclassified	Australia	0	0	12	23	9	2,000	3	8	21	0	0	0	20	
	French Polynesia	1	2	2	2	2		0	0	0	0	0	0	0	
	Indonesia	13	21	31	31	24	2,000	10	11	81	16	144	110	444	
	Japan	26	23	26	21	24	2,000	100	39	65	80	98	84	84	
	New Zealand	0	1	1	8	3	2,000	1	1	0	1	0	0	0	
	Philippines	117	140	190	174	155	2,000	167	184	213	15	15	365	1	
	Total	157	187	262	259	216	10,000	281	243	380	112	257	559	549	
Total "other fisheries"		8,009	9,228	9,360	11,630	9,557	41,618	8,006	11,473	10,182	8,079	9,299	7,500	6,627	
Percentage of total WCPFC-CA		6	5	7	6			5	7	7	5	6	6	4	
WCPFC Bigeye Catch		144,692	170,654	138,674	182,761			151,745	162,845	143,498	156,369	153,779	133,420	151,533	

TABLE 4 -- Notes:

1. Source: WCFPC Annual catch estimates as at 1st September 2012 (2011 data are provisional).
2. Catch estimates in red have been carried over from previous years.
3. French Polynesia 'pole-and-line' catches include the bonitier and poti marara fleets; both use various gear types (pole-and-line, troll, handline, harpoon, gill net).
4. Japan purse seine is north of 20°N.
5. Reference to the level of "less than 2,000 tonnes" mentioned in CMM-2008-01 paragraph 39 has been assumed to mean that fisheries taking less than 2,000 t. of bigeye should not exceed 2,000 t. of bigeye.
6. Indonesia and Philippines have recently revised their estimates (see the respective Annual Catch Estimate Workshop reports held during 2010, 2011 and 2012 at (<http://www.wcpfc.int/west-pacific-east-asia-oceanic-fisheries-management-project>))
7. A certain component of the Philippines catches listed in this table occur in Archipelagic Waters , but can not be separated from total Conventional Area Annual Catch Estimates at this stage.
8. The limits in the column labeled "CMM 2008-01" do not apply to small island developing State members and participating Territories according to paragraph 34 of CMM 2008-01.
9. The provision of estimates of fishing effort for 2009, 2010 and 2011, according of Para. 39 of CMM 2008-01, is only available for Japan purse-seine fishery at this stage.

Table 5. Estimates of total annual catches (metric tonnes) of yellowfin tuna in the WCPFC Statistical Area for fisheries other than longline and tropical purse seine.

GEAR	FLAG	YELLOWFIN												
		2001	2002	2003	2004	Av. 2001-2004	CMM 2008-01	2005	2006	2007	2008	2009	2010	2011
Gillnet	Japan	20	32	21	10	21	2,000	13	13	16	23	12	22	22
	Vietnam	549	585	581	784	625	2,000	982	985	1,016	935	1,033	942	884
Handline	Indonesia	513	800	1,180	1,194	922	2,000	1,393	1,384	1,147	1,097	3,256	1,651	1,658
	Philippines (large-fish)	8,914	9,943	12,540	13,099	11,124	13,099	12,990	14,498	16,853	15,712	7,768	11,314	10,577
	Philippines (small-fish)	38,904	41,173	41,375	41,137	40,647	41,137	35,000	35,000	35,000	35,000	43,172	43,400	13,000
	USA	0	0	362	379	185	2,000	321	209	254	227	317	265	353
	Total	48,331	51,916	55,457	55,809	52,878	58,236	49,704	51,091	53,254	52,036	54,513	56,630	25,588
Pole-and-	Fiji	44	44	44	44	44		44	44	44	44	0	0	0
	French Polynesia	84	99	77	142	101		104	126	152	83	77	53	76
	Indonesia	2,355	3,675	5,421	5,482	4,233	5,482	6,581	5,166	5,332	4,590	6,045	3,381	6,983
	Japan	3,136	3,375	2,868	3,040	3,105	3,105	3,647	4,340	3,501	3,566	5,059	4,567	4,204
	Solomon Islands	153	405	669	257	371		538	734	321	189	0	0	149
	USA	2	2	33	17	14	2,000	68	3	23	23	17	0	0
	Total	5,774	7,600	9,112	8,982	7,867	10,587	10,982	10,413	9,373	8,495	11,198	8,001	11,412
Ring-net	Philippines	2,727	1,995	3,866	4,560	3,287	4,560	5,979	6,175	6,652	8,421	7,347	5,363	5,677
Purse seine	Japan	2,564	2,300	3,619	2,706	2,797	2,797	3,128	3,235	1,766	4,696	2,577	1,473	2,837
Troll	Japan	2,840	2,524	2,683	2,294	2,585	2,585	2,094	2,262	2,297	2,436	2,534	3,167	3,167
	Nauru	0	0	0	0			0	0	0	2	4	4	4
	Tuvalu	0	0	0	0			11	3	9	10	12	12	12
	USA	832	600	373	367	543	2,000	358	295	501	444	470	427	485
	Total	3,672	3,124	3,056	2,661	3,128	4,585	2,463	2,560	2,807	2,892	3,020	3,610	3,668
Unclassified	Australia	2	1	5	11	5	2,000	1	3	2	0	0	0	12
	French Polynesia	264	307	211	412	299		288	419	370	409	400	503	482
	Indonesia	473	738	1,088	1,100	850	2,000	1,142	1,240	1,209	1,245	5,187	3,951	6,000
	Japan	277	285	360	290	303	2,000	325	281	348	519	421	524	524
	New Zealand	8	1	1	22	8	2,000	3	0	0	2	0	0	0
	Philippines	1,236	1,420	1,798	1,849	1,576	2,000	1,775	1,956	2,257	1,327	1,327	1,500	721
Total	2,260	2,752	3,463	3,684	3,040	10,000	3,534	3,899	4,186	3,502	7,335	6,478	7,739	
Total "other fisheries"		65,897	70,304	79,175	79,196	73,643	94,765	76,785	78,371	79,070	81,000	87,035	82,519	57,827
Percentage of total WCPFC-CA		13	15	15	16			13	15	14	14	17	15	13
WCPFC Yellowfin Catch		519,237	483,201	524,619	505,003			602,892	520,290	548,761	594,640	505,586	535,514	430,506

TABLE 5 --Notes:

1. Source: WCFPC Annual catch estimates as at 1st September 2012 (2011 data are provisional).
2. Catch estimates in red have been carried over from previous years.
3. Indonesia and Philippines have recently revised their estimates (see the respective Annual Catch Estimate Workshop reports at (<http://www.wcpfc.int/west-pacific-east-asia-oceanic-fisheries-management-project>))
4. The limits in the column labeled "CMM 2008-01" do not apply to small island developing State members and participating Territories according to paragraph 34 of CMM 2008-01.
5. Catches and effort of vessels operating under charters and similar arrangements have been attributed to host island states or territories in accordance with paragraph 5 of CMM 2008-01 using the best information available to SPC-OFP. However, in several cases, catches have not yet been attributed to the CCM responsible for the "charter or similar arrangements" since the flag state CCM has yet to advise that it has excluded these catches from their data (and thereby avoid double-counting).
6. Reference to the level of "less than 2,000 tonnes" mentioned in CMM-2008-01 paragraph 32 has been assumed to mean that fisheries taking less than 2,000 t. of yellowfin should not exceed 2,000 t. of yellowfin.
7. Unclassified Indonesian catches of yellowfin in 2004 are considerably reduced because these catches were attributed to other gear types, mainly purse seine. This may suggest that unclassified catches prior to 2004 also contain large components by purse seine.
8. French Polynesia 'pole-and-line' catches include the bonitier and poti marara fleets; both use various gear types (pole-and-line, troll, handline, harpoon, gill net).
9. Japan purse seine is north of 20°N.
10. A certain component of the Philippines catches listed in this table occur in Archipelagic Waters , but can not be separated from total Conventional Area Annual Catch Estimates at this stage.
11. The provision of estimates of fishing effort for 2009, 2010 and 2011, according of Para. 39 of CMM 2008-01, is only available for Japan purse-seine fishery at this stage.

Table 6. Reported longline catches (metric tonnes) of yellowfin tuna in the WCPFC-CA, by flag.

CCM	2001	2002	2003	2004	Av. 2001-2004	2005	2006	2007	2008	2009	2010	2011	2011 (excl. SIDs)	CMM 2008-01 2011 limits	See Notes
AMERICAN SAMOA	188	485	497	888	515	526	513	640	333	398	473	437			(4)
AUSTRALIA	2,819	3,531	3,681	2,356	3,097	1,499	1,830	1,390	1,650	1,387	1,359	1,858	1,858	3,097	
BELIZE	957	720	943	208	707	298	106	273	129	121	28	13	13	2,000	(7), (14)
CHINA	1,919	1,844	3,358	4,048	2,792	2,446	4,055	2,768	5,007	7,958	2,576	4,598	4,598	2,792	(10), (11)
CHINESE TAIPEI	22,326	21,993	22,149	22,975	22,361	19,571	18,654	16,668	16,411	19,693	19,974	21,320	21,320	22,361	(11)
COOK ISLANDS	1	42	178	506	182	413	262	290	247	197	319	925			(4)
EUROPEAN COMMUNITY	0	0	0	23	6	1	127	127	10	7	3	0	0	2,000	(14)
FSM	338	164	276	185	241	99	270	548	328	583	406	636			(4)
FIJI	2,082	2,027	2,482	4,164	2,689	1,989	2,231	1,721	2,763	2,564	2,144	2,516			(4)
FRANCE (FRENCH POLYNESIA)	967	507	621	1,066	790	793	690	527	447	716	418	491			(4)
FRANCE (NEW CALEDONIA)	570	572	754	631	632	448	414	393	424	487	505	585			(4)
FRANCE (WALLIS AND FUTUNA)	0	0	0	0	0	0	0	0	0	0	0	4			(4)
INDONESIA	4,001	6,243	9,209	9,313	7,192	10,762	9,482	10,371	12,689	18,221	14,041	13,750	13,750	7,192	(13)
JAPAN	18,096	15,810	16,803	15,209	16,480	14,792	13,462	13,725	11,820	13,622	16,872	10,458	10,458	16,480	
KIRIBATI	2	0	2	0	1	0	0	0	7	0	4	115			(4)
MARSHALL ISLANDS	0	0	0	3	1	0	0	2	91	120	117	99			(4)
NAURU	5	2	6	1	4	0	0	0	0	0	0	0			(4)
NEW ZEALAND	131	27	39	36	58	36	3	25	11	3	6	3	6	2,000	(14)
NIUE	0	0	0	0	0	34	42	30	8	20	8	0			(4)
PALAU	41	3	19	28	23	0	0	0	0	0	0	0			(4)
PAPUA NEW GUINEA	1,812	1,738	1,747	2,318	1,904	1,222	2,139	1,539	2,259	2,714	2,147	2,303			(4)
PHILIPPINES	484	484	484	484	484	484	484	484	484	484	484	0	0	2,000	(6), (14)
REPUBLIC OF KOREA	13,768	15,497	12,134	10,058	12,864	13,329	9,529	8,817	7,846	10,032	7,644	7,881	7,881	12,864	(11)
SAMOA	470	369	293	444	394	199	264	305	317	412	386	395			(4)
SENEGAL	0	0	0	0	0	6	3	4	0	0	0	0	0	2,000	(8), (14)
SOLOMON ISLANDS	159	401	258	440	315	6	0	0	0	0	3,834	3,834			(4), (11)
TONGA	259	263	263	163	237	219	227	341	291	109	47	171			(4)
TUVALU	0	0	0	0	0	0	0	0	0	0	0	286			(4)
USA	1,016	572	809	694	773	698	937	833	836	429	462	737	737	2,000	(14)
VANUATU	49	778	1,315	1,322	866	936	799	967	539	514	788	1,269			(4)
Total	72,460	74,072	78,320	77,563	75,604	70,806	66,523	62,788	64,947	80,791	75,045	74,684	60,621	76,785	
VIETNAM	8,292	9,756	8,179	11,122		10,895	10,930	11,270	10,375	9,244	9,513	10,576			(9)

Table 6 - Notes:

1. Source: WCFPC Annual catch estimates as at 1st September 2012 (2011 data are provisional).
2. Catch estimates in red have been carried over from previous years.
3. Indonesia and Philippines have recently revised their estimates (see the respective Annual Catch Estimate Workshop reports at (<http://www.wcpfc.int/west-pacific-east-asia-oceanic-fisheries-management-project>))
4. The limits in the column labeled "CMM 2008-01 - 2010 limits" do not apply to small island developing State members and participating Territories according to paragraph 6 of CMM 2008-01.
5. Catches and effort of vessels operating under charters and similar arrangements have been attributed to host island states or territories in accordance with paragraph 2 of CMM 2008-01 using the best information available to SPC-OFP. However, in several cases, catches have not yet been attributed to the CCM responsible for the "charter or similar arrangements" since the flag state CCM has yet to advise that it has excluded these catches from their data (and thereby avoid double-counting).
6. Estimates include archipelagic water catches which for some countries cannot be separated at this stage (e.g. Philippines).
7. The catch limit set for Belize prior to 2009 is retained for 2009, according to WCFPC6 Report (Para. 27)
8. Senegal committed to limiting its fishing activities in the WCPF Convention Area to one longline vessel - WCFPC5 Report (Para. 44)
9. The Vietnam longline fleet are understood to fish outside the WCFPC Convention Area (South China Sea).
10. Catches by the Chinese longline fleet in the Kiribati EEZ are included in the estimates.
11. Catches by chartered Chinese, Korean and Chinese-Taipei longline vessels licensed to fish in Solomon Islands waters have been attributed to the Solomon Islands for 2010 and 2011.
12. Does not yet cover development of new fisheries in the waters of small-island developing states (e.g. Tokelau)
13. Indonesia yellowfin tuna catch excludes catches in Archipelagic waters.
14. Reference to the level of "less than 2,000 tonnes" mentioned in CMM-2008-01 paragraph 32 has been interpreted to mean that fisheries taking less than 2,000 t. of yellowfin.

Table 7. Purse seine effort in the tropical WCPFC Convention Area (20°N-20°S) during 2010, by EEZ/High seas areas

	Tropical Purse seine EFFORT - 2010		
	FAD SETS	TOTAL DAYS	FAD sets / Day
All EEZs, excluding Archipelagic waters	9,856	43,638	0.23
Archipelagic waters	2,549	5,733	0.44
All High seas areas	626	2,189	0.29
Total	13,031	51,560	0.25

Notes

1. Excludes the Philippines and Indonesian domestic fisheries
2. The breakdown of Effort (sets) by Archipelagic waters requires operational data which have NOT been provided for several key fleets. As a consequence, these estimates should be considered as provisional until such time as complete operational data have been provided for ALL fleets.

Table 8. Longline annual EFFORT estimates in the WCPFC Convention Area by Fleet, 2000-2011

Fleet	ANNUAL EFFORT ESTIMATE (1,000s of hooks set)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
AU	10,185	12,646	13,500	15,502	12,323	9,753	9,698	9,527	9,263	10,506	8,069	6,774
BZ	528	19,699	9,267	10,531	4,466	7,081	3,284	1,688	907	523	1,465	825
CK	0	31	1,070	5,493	8,427	7,846	6,459	6,540	6,792	4,478	6,972	19,680
CN	34,946	22,304	25,595	63,310	63,610	47,318	78,765	74,586	96,916	126,363	108,000	119,964
ES					882	1,423	3,255	4,667	3,120	1,690	1,127	1,120
FJ	21,440	28,839	32,866	39,313	52,312	44,988	42,660	30,647	40,455	47,244	39,962	48,802
FM	7,150	4,932	6,048	5,152	5,124	1,773	2,123	10,908	6,334	8,086	6,826	8,045
ID	16,421	20,980	43,498	58,917	62,416	73,894	87,632	110,888	106,682	192,737	145,330	110,581
JP	143,370	130,505	123,563	122,659	120,164	106,578	101,999	104,510	79,948	68,095	82,600	73,068
JP/CS	0	0	0	0	0	0	0	0	0	0	0	0
KI	0	0	0	14	0	0	0	0	316	0	0	0
KR	105,121	102,474	135,054	121,465	92,068	112,531	65,616	58,494	90,610	73,824	73,894	86,158
MH	0	0	0	0	38	0	0	28	2,430	2,067	1,628	1,659
NC	5,664	4,931	4,651	6,478	6,158	5,112	3,700	4,489	5,172	5,086	4,829	4,739
NR	0	0	0	0	0							
NU						270	688	774	982	677	500	0
NZ	9,478	13,185	14,060	14,238	10,850	5,239	4,920	4,406	3,629	3,772	3,657	4,563
PF	12,429	13,337	13,941	18,344	23,604	21,110	19,493	18,633	19,324	17,373	17,278	18,619
PG	4,097	5,901	5,960	6,663	8,962	8,423	7,674	7,034	6,077	6,437	6,587	8,214
PH	2,325	2,305	2,998	2,784	2,949	2,104	2,243	2,653	2,222	3,293	2,907	0
PT												0
PW	771	329	0	0	179							
SB	0	0	0	0	0	0	0	0	0	0	0	0
SN						0	183	261	0	0	0	0
TO	3,559	4,403	6,223	5,488	2,110	4,019	4,040	3,756	2,415	1,147	756	919
TV						0						1,533
TW/DW	49,614	71,071	73,422	86,217	104,679	80,887	52,630	53,060	42,862	46,619	55,763	60,863
TW/OD	60,273	209,236	110,178	86,236	70,577	78,154	86,112	161,711	167,962	159,112	142,271	181,253
TW/OS	45,441	67,434	85,612	59,523	51,006	41,209	67,412	71,416	59,947	85,041	77,503	126,442
US/AS	1,380	5,983	14,014	14,527	7,831	10,980	13,702	17,494	14,516	15,559	14,778	17,529
US/HW	20,461	22,388	27,516	30,144	28,139	31,315	34,241	36,346	34,019	32,651	26,490	26,789
VN	0	0	0	0	0	0	0	0	0	0	0	0
VU	0	1,926	21,910	23,230	43,601	38,012	39,136	35,400	27,931	31,502	38,453	27,330
WF												0
WS	14,941	5,258	7,481	8,112	5,413	3,841	5,005	7,381	6,945	7,485	8,597	6,496

NOTES

1. The unit of effort in the Longline fishery is an estimate of thousands of HOOKS, based on the best available AGGREGATE DATA.
2. The effort data presented here have been provided as aggregate data which may be independent to the Annual catch estimates presented in Table 8.
3. Note that aggregate data are not available for some fleets so their effort cannot be represented here.

Table 9. Longline annual catch estimates in the WCPFC Convention Area by Fleet, 2000-2011

Fleet	ANNUAL CATCH ESTIMATE (Metric tons)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
AU	2,945	4,717	5,086	5,195	3,915	3,033	4,920	4,323	3,954	3,636	2,562	2,890
BZ	270	7,143	3,385	2,697	921	1,036	631	595	225	190	127	220
CK	0	4	588	1,740	2,769	3,004	2,651	3,172	2,763	1,965	2,934	3,501
CN	6,244	6,857	7,076	18,546	21,900	14,069	24,624	18,756	30,897	43,396	29,525	27,733
ES					70	22	189	189	153	123	31	16
FJ	9,217	10,715	10,906	10,252	16,708	14,816	14,804	9,422	13,047	16,723	12,393	11,286
FM	1,395	992	923	933	727	281	442	1,943	1,298	2,018	1,354	1,927
ID	3,835	4,943	7,713	11,377	11,505	19,017	21,127	22,689	26,098	31,779	26,625	31,320
JP	55,104	48,458	44,576	35,201	38,148	32,180	31,510	32,721	26,580	24,927	26,936	21,676
JP/CS	32,165	29,070	27,419	31,096	27,251	30,108	31,939	32,783	25,791	30,115	29,623	27,304
KI	3	2	0	3	0	0	0	0	51	0	73	362
KR	37,695	38,615	48,445	31,750	29,162	32,870	23,068	20,304	26,328	26,871	22,895	23,833
MH	0	0	0	0	4	0	0	5	481	511	391	362
NC	1,662	1,718	1,926	2,007	2,189	2,114	1,807	1,770	1,993	2,187	2,488	2,362
NR	11	13	7	18	3							
NU						99	277	294	428	184	109	0
NZ	1,863	3,226	2,773	3,214	1,461	813	676	595	526	678	598	591
PF	5,386	5,973	5,713	4,906	3,786	3,825	4,106	4,962	4,005	4,863	4,337	4,323
PG	1,190	2,176	2,198	2,994	4,398	3,715	4,166	3,248	2,924	3,748	3,069	2,667
PH	543	543	543	543	543	543	543	543	543	543	543	0
PT												7
PW	140	62	4	20	35							
SB	1,145	400	923	738	941	9	0	0	0	0	13,706	13,706
SN						6	6	6	0	0	0	0
TO	1,157	1,718	1,667	968	385	627	758	860	592	271	128	223
TV												559
TW/DW	17,213	19,673	30,623	27,516	37,725	26,821	17,901	17,375	14,089	17,532	19,352	18,452
TW/OD	11,556	16,866	12,205	13,776	9,558	9,917	8,082	8,405	9,103	9,097	11,068	8,052
TW/OS	11,140	13,106	13,649	11,191	9,430	11,491	17,993	16,566	17,338	20,229	18,100	24,072
US/AS	733	3,496	6,632	4,670	3,577	3,596	4,772	6,041	4,015	4,532	4,936	4,217
US/HW	4,842	4,727	5,493	4,951	5,231	5,447	5,574	6,457	5,783	4,348	4,363	4,801
VN	9,265	9,753	10,381	10,319	13,918	14,438	14,484	14,934	13,748	12,249	11,958	14,015
VU	0	721	7,930	7,059	14,489	13,660	14,245	11,477	9,174	11,727	15,141	11,137
WF												13
WS	5,364	5,475	4,729	2,656	1,781	1,526	2,505	3,519	2,765	3,345	3,023	1,881

NOTES

1. The catch estimates presented here have been provided as Annual catch estimates which may be independent to the effort estimates (provided from aggregate data) presented in Table 7.
2. Catch represents the sum of albacore tuna, bigeye tuna and yellowfin tuna.

Table 10. Summarised catch and effort estimates by Year, Area and fleet combinations for fisheries in the WCPFC Convention Area, 2000-2011

Category	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1. Catch of tropical tuna by purse seine fleets in their own EEZs	32,520	48,597	55,301	91,237	117,437	102,192	137,617	139,244	118,000	105,935	124,348	131,443
2. Catch of tropical tuna by FOREIGN purse seine fleets in EEZs	648,102	663,522	772,754	702,728	703,882	829,957	887,760	893,960	933,214	957,912	1,241,409	1,107,732
3. Effort (vessel days) by purse seine fleets in their own EEZ	766	1,660	1,619	2,699	3,050	3,296	3,382	3,403	3,273	3,355	3,681	4,877
4. Effort by FOREIGN purse seine fleets in EEZs	24,815	26,740	29,965	29,777	31,087	30,763	29,804	28,983	31,356	30,597	41,413	42,921
5. Bigeye tuna catch by longline fleets in their own EEZs	5,576	4,299	3,607	5,203	5,841	6,125	6,600	6,571	7,455	7,057	5,903	8,072
6. Bigeye tuna catch by FOREIGN Longline fleets in EEZs	21,085	23,393	21,099	19,006	18,674	18,259	21,013	22,535	18,743	17,381	14,493	14,725
7. Effort by longline fleets in the their own EEZs	102,886	110,808	103,340	159,603	171,785	230,245	237,402	172,478	212,993	183,787	204,972	176,624
8. Effort by FOREIGN longline fleets in EEZs	171,562	224,501	169,334	210,011	160,017	161,584	159,552	231,128	221,287	211,705	202,416	228,649
9. Bigeye tuna catch by longline fleets in the high seas and non-PICT EEZs	48,021	48,111	64,145	43,332	59,326	39,240	41,091	38,624	31,831	35,919	32,034	28,672
10. Effort by longline fleets in the high seas and non-PICT EEZs	174,443	204,583	344,683	193,423	206,461	94,057	71,635	97,940	77,872	189,621	143,715	190,815

NOTES

1. Covers the WCPFC Convention area, 20N-20S.
2. EEZs represent the Pacific Island countries (PICs) EEZs within the WCPFC Convention Area, 20N-20S
3. Excludes Archipelagic waters catches
4. Excludes catch/effort from the Philippines and Indonesian domestic fleets
5. The unit of effort in the Longline fishery is an estimate of thousands of HOOKS.
6. The breakdown of annual catch and effort by EEZ requires operational data, or the provision of Annual catch and effort estimates by EEZ/high seas areas, neither of which have been provided for several key fleets. As a consequence, these estimates should be considered as very provisional until such time as complete operational data and/or annual catch estimates by EEZ have been provided for **ALL** fleets.
7. Total catch for the purse seine gear covers skipjack tuna, yellowfin tuna and bigeye tuna.

Table 11. Estimated FAD sets undertaken in the tropical purse seine fishery of the WCPFC Convention Area (20°N-20°S), by flag, 2001-2011.

CCM	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
CHINA	17	139	226	544	936	933	900	1,199	1,559	692	2,090	840
CHINESE TAIPEI	1,641	2,670	1,930	3,300	2,742	3,080	2,788	2,254	2,750	1,842	2,952	2,541
ECUADOR							98	443	124	181	425	254
EL SALVADOR	9	29	1				54	152	162	136	185	91
FEDERATED STATES OF MICRONESIA	326	395	502	794	499	282	341	481	736	433	877	515
INDONESIA	?	?	?	?	?	?	?	?	?	?	?	
JAPAN	2,319	2,022	2,267	3,161	2,378	2,617	2,437	2,603	2,409	829	1,320	2,215
KIRIBATI	70	61	63	96	103	66	61	69	234	222	560	146
MARSHALL ISLANDS	422	580	878	1,066	936	783	898	469	633	638	1,471	798
NEW ZEALAND	141	469	440	578	197	498	443	445	391	193	166	360
PAPUA NEW GUINEA	2,126	2,575	2,759	4,281	4,508	3,659	2,985	3,409	3,865	2,596	3,347	3,283
PHILIPPINES (distant-water)	989	1,040	1,265	1,242	1,192	1,023	691	964	1,090	801	946	1,022
PHILIPPINES (domestic)	?	?	?	?	?	?	?	?	?	?	?	
REPUBLIC OF KOREA	655	1,332	764	2,620	898	2,327	1,870	1,951	2,178	1,101	2,126	1,620
SOLOMON ISLANDS	285	261	356	430	459	554	483	391	540	353	760	443
SPAIN	65	40	59	82	48	139	259	425	336	384	488	211
TUVALU									29	40	55	41
UNITED STATES OF AMERICA	2,049	1,782	1,587	2,086	1,335	1,553	1,401	2,774	3,783	2,398	3,407	2,196
VANUATU	37	145	181	742	764	487	623	228	385	192	326	374
Total	11,152	13,541	13,278	21,022	16,995	18,003	16,331	18,257	21,205	13,032	21,500	16,756

Notes

1. Covers Drifting FAD, Log and Anchored FAD sets
2. Includes archipelagic and high seas
3. Complete information from Indonesia and Philippines are not available.

Table 12. Estimated total tuna catch from FAD sets undertaken in the tropical purse seine fishery of the WCPFC Convention Area (20°N-20°S), by flag, 2001-2011.

CCM	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
CHINA	333	4,887	8,225	16,174	32,958	35,084	35,702	39,878	55,850	24,535	64,102	28,884
CHINESE TAIPEI	77,955	140,321	79,371	146,833	107,760	147,987	139,440	98,081	125,870	83,272	111,327	114,383
ECUADOR							5,636	24,941	6,067	8,574	27,019	14,447
EL SALVADOR	599	1,488	74				3,543	9,896	8,756	7,344	12,142	5,480
FEDERATED STATES OF MICRONESIA	8,876	11,541	14,914	22,025	16,400	6,673	10,962	14,092	22,969	14,760	20,873	14,917
INDONESIA	?	?	?	?	?	?	?	?	?	?	?	
JAPAN	110,436	103,507	86,754	127,244	108,588	121,198	114,293	113,365	118,321	35,199	50,223	99,012
KIRIBATI	3,193	1,996	2,220	3,270	4,990	2,530	2,571	2,443	13,514	15,658	34,877	7,933
MARSHALL ISLANDS	25,477	32,832	36,793	45,367	53,584	40,718	56,134	23,641	34,287	31,001	80,659	41,863
NEW ZEALAND	5,705	11,834	14,048	15,841	5,856	18,578	22,717	18,430	13,814	9,594	6,290	12,973
PAPUA NEW GUINEA	50,536	88,959	88,406	168,310	132,923	142,958	115,803	108,802	120,420	81,119	90,760	108,091
PHILIPPINES (distant-water)	21,420	25,876	27,659	31,164	24,624	28,177	19,355	27,045	31,748	26,152	23,880	26,100
PHILIPPINES (domestic)	?	?	?	?	?	?	?	?	?	?	?	
REPUBLIC OF KOREA	24,967	65,194	26,832	102,850	40,167	119,649	106,061	95,517	131,457	69,944	96,995	79,967
SOLOMON ISLANDS	11,026	7,924	14,961	15,837	13,260	17,885	14,516	10,714	15,312	9,737	22,570	13,977
SPAIN	2,402	2,180	4,659	5,527	3,707	11,014	16,447	35,665	24,226	28,309	38,117	15,659
TUVALU									1,900	1,688	1,956	1,848
UNITED STATES OF AMERICA	64,526	49,693	49,727	58,765	52,883	61,589	71,702	119,576	174,832	112,306	144,396	87,272
VANUATU	2,855	13,593	11,546	40,585	39,825	35,322	38,363	13,208	24,854	11,444	14,701	22,390
Total	410,307	561,827	466,190	799,792	637,523	789,361	773,244	755,292	924,198	570,637	840,885	684,478

Notes

1. Covers Drifting FAD, Log and Anchored FAD sets
2. Includes archipelagic and high seas
3. Complete information from Indonesia and Philippines are not available.

Table 13. Estimated total BIGEYE tuna catch from FAD sets undertaken in the tropical purse seine fishery of the WCPFC Convention Area (20°N-20°S), by flag, 2001-2011.

CCM	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
CHINA	29	418	419	927	1,708	1,427	906	1,514	1,936	991	3,339	1,238
CHINESE TAIPEI	11,645	18,160	7,393	14,008	9,589	11,703	8,442	7,442	9,297	6,640	10,661	10,453
ECUADOR							1,455	3,311	1,036	1,571	4,512	2,377
EL SALVADOR	162	353	14				820	1,765	2,197	1,203	1,959	1,059
FEDERATED STATES OF MICRONESIA	1,113	1,229	1,089	1,701	1,334	453	499	906	1,377	1,009	1,664	1,125
INDONESIA	2,297	2,413	2,500	3,152	1,539	1,671	1,317	2,125	2,916	2,038	1,746	2,156
JAPAN	5,076	3,402	3,583	3,297	3,797	3,215	3,196	5,019	2,615	1,543	1,770	3,319
KIRIBATI	360	212	169	233	383	162	108	121	1,153	1,568	3,222	699
MARSHALL ISLANDS	3,895	4,521	4,146	5,449	6,292	3,864	3,864	1,904	2,828	2,611	7,621	4,272
NEW ZEALAND	1,020	1,922	2,011	2,188	835	2,367	2,394	2,105	1,432	1,014	763	1,641
PAPUA NEW GUINEA	5,438	8,841	5,875	12,754	8,670	8,433	4,300	5,180	5,133	4,567	5,717	6,810
PHILIPPINES (distant-water)	2,332	2,809	1,902	2,511	1,690	1,461	567	1,455	1,436	1,805	1,302	1,752
PHILIPPINES (domestic)	3,423	1,105	2,436	3,193	6,719	5,923	3,418	3,762	2,663	2,166	929	3,249
REPUBLIC OF KOREA	2,830	6,718	1,792	7,252	2,544	6,746	3,564	4,748	6,422	4,134	6,599	4,850
SOLOMON ISLANDS	732	451	371	478	325	191	2	77	40	88	433	290
SPAIN	661	421	1,126	1,018	840	1,997	3,579	5,910	3,807	4,909	7,291	2,869
TUVALU									414	358	448	407
UNITED STATES OF AMERICA	7,294	4,662	3,625	4,594	4,486	3,747	3,435	6,201	9,212	6,289	9,714	5,751
VANUATU	327	1,546	884	2,940	2,467	1,749	1,163	495	1,025	625	828	1,277
Total	48,633	59,184	39,335	65,693	53,217	55,108	43,028	54,039	56,940	45,129	70,518	53,711

Notes

1. Estimation methodology is preliminary
2. Covers Drifting FAD, Log and Anchored FAD sets
3. Includes archipelagic and high seas
4. All bigeye tuna catch estimates for Indonesia and Philippines domestic fisheries are assumed to be from FAD sets.

Table 14. Number of associated (ASS) and unassociated (UNA) sets made in the WCPO tropical purse seine fishery, 2000 – 2011.

Year	NUMBER OF SETS			
	Includes Arch. Waters		Excludes Arch. Waters	
	Unassociated	Associated	Unassociated	Associated
2000	14,343	12,456	13,452	10,589
2001	16,260	11,152	15,707	9,214
2002	16,896	13,541	16,689	11,681
2003	17,020	13,278	15,320	10,790
2004	11,152	21,022	10,036	18,450
2005	19,430	16,995	18,499	13,714
2006	15,222	18,003	13,796	15,075
2007	19,399	16,331	17,183	13,645
2008	22,415	18,257	19,848	14,849
2009	22,873	21,205	20,245	17,315
2010	37,891	13,031	33,292	10,482
2011	29,305	21,500	23,091	17,526

Notes

1. Estimating the Effort (sets) excluding Archipelagic waters requires operational data which have not been provided for several key fleets. As a consequence, the estimates excluding archipelagic waters should be considered as provisional until such time as complete operational data have been provided for ALL fleets.
2. Covers the WCPFC Convention area between 20N-20S
3. Excludes the domestic fisheries of Indonesia and Philippines
4. "Associated" covers Drifting Logs, Drifting FADs and Anchored FADs only (excludes Live Whale and Live Whale shark associations)