

OCEANIC FISHERIES PROGRAMME

PUBLIC DOMAIN CATCH AND EFFORT DATA – POLE-AND-LINE BY YEAR, QUARTER, FLAG, 1°x1°

This dataset represents the most complete POLE_AND_LINE data available to the WCPFC that can be disseminated into the public domain in accordance with the current "Rules and Procedures for the Protection, Access to, and Dissemination of Data Compiled by the Commission" ("RAP" – see [http://www.wcpfc.int/pdf/Rules%20and%20Precedures%20\[Data\]%20\[as%20revised%20at%20WCPFC4,%20December%202007\].pdf](http://www.wcpfc.int/pdf/Rules%20and%20Precedures%20[Data]%20[as%20revised%20at%20WCPFC4,%20December%202007].pdf)).

In reference to the RAP (Paragraph 9), cells where effort is less than or equal to the maximum value estimated to represent the activities of two vessels have been removed from the public domain data (the cells are retained with their time/area information, but all catch and effort information in these have been set to zero).

Reference to the Coordinating Working Party No can be found on <http://www.fao.org/cwp-on-fishery-statistics/handbook/general-concepts/major-fishing-areas-general/en/>

DATASET STRUCTURE

Field Name	Picture	Description
YY	N(4)	Year
QTR	N(2)	Quarter
FLAG_ID	C(2)	Flag - Fishing Nation (ISO 2-letter country code)
LAT_short	C(3)	Latitude. It represents the latitude of the south-west corner of 1° square for these data.
LON_short	C(4)	Longitude. It represents the longitude of the south-west corner of 1° square for these data.
CWP_GRID	N(11)	Coordinating Working Party No
DAYS	N(6)	Days fishing and searching (effort).
SKJ_C	N(8, 3)	Skipjack catch in metric tonnes.
YFT_C	N(8, 3)	Yellowfin catch (metric tonnes)
OTH_C	N(8, 3)	Other species catch (metric tonnes)

Statistics showing the amount of data removed and resultant coverage of the public domain data available to satisfy the RAP's three-vessel rule

Year	Effort (days) for strata with 3 or more vessels	Total effort (days)	Coverage of effort (%) after filtering for the three-vessel rule	Number of strata with 3 or more vessels	Number of all full coverage strata	Coverage of strata (%) after filtering for the three-vessel rule
1950	1,675.0	8,094.0	20.7	29	1,618	1.79
1951	11,919.0	20,511.0	58.1	148	1,618	9.15
1952	9,220.0	17,906.0	51.5	126	1,618	7.79
1953	7,462.0	16,028.0	46.6	109	1,618	6.74
1954	11,529.0	20,198.0	57.1	152	1,618	9.39
1955	12,743.0	21,503.0	59.3	164	1,618	10.14
1956	12,803.0	21,612.0	59.2	165	1,618	10.20
1957	12,544.0	21,174.0	59.2	162	1,618	10.01
1958	20,525.0	28,838.0	71.2	230	1,618	14.22
1959	22,654.0	31,770.0	71.3	238	1,618	14.71
1960	2,508.0	8,721.0	28.8	40	1,047	3.82
1961	7,526.0	14,711.0	51.2	98	1,047	9.36
1962	10,010.0	17,718.0	56.5	121	1,047	11.56
1963	4,452.0	11,250.0	39.6	64	1,047	6.11
1964	8,389.0	15,643.0	53.6	106	1,047	10.12
1965	7,549.0	14,682.0	51.4	98	1,047	9.36
1966	15,602.0	23,659.0	65.9	161	1,047	15.38
1967	11,140.0	19,086.0	58.4	129	1,047	12.32
1968	11,433.0	19,820.0	57.7	136	1,047	12.99
1969	12,293.0	20,995.0	58.6	144	1,047	13.75
1970	14,707.0	23,337.0	63.0	161	1,052	15.30
1971	18,220.0	27,600.0	66.0	189	1,112	17.00
1972	33,729.0	54,754.0	61.6	291	3,778	7.70
1973	41,255.0	65,383.0	63.1	396	3,767	10.51
1974	40,987.0	66,810.0	61.3	389	4,408	8.82
1975	38,888.0	66,314.0	58.6	368	5,098	7.22
1976	51,076.0	75,939.0	67.3	428	4,883	8.77
1977	54,083.0	89,719.0	60.3	415	6,098	6.81
1978	56,430.0	84,906.0	66.5	434	5,013	8.66
1979	51,529.0	80,751.0	63.8	460	5,388	8.54
1980	51,439.0	84,826.0	60.6	407	5,079	8.01
1981	50,269.0	86,605.0	58.0	449	5,787	7.76
1982	41,316.0	76,391.0	54.1	366	5,264	6.95
1983	34,514.0	64,071.0	53.9	342	4,765	7.18
1984	38,778.0	64,763.0	59.9	311	4,039	7.70
1985	31,591.0	62,331.0	50.7	273	4,922	5.55
1986	31,448.0	57,959.0	54.3	296	4,111	7.20
1987	27,350.0	59,023.0	46.3	260	4,267	6.09
1988	25,636.0	50,221.0	51.0	236	3,709	6.36
1989	28,271.0	51,017.0	55.4	286	3,314	8.63
1990	24,778.0	58,968.0	42.0	258	3,602	7.16
1991	22,385.0	44,916.0	49.8	184	2,625	7.01
1992	21,530.0	46,356.0	46.4	208	2,559	8.13
1993	20,113.0	43,697.0	46.0	189	2,696	7.01
1994	19,118.0	41,641.0	45.9	180	2,864	6.28
1995	19,695.0	44,236.0	44.5	193	2,623	7.36
1996	18,060.0	64,762.0	27.9	162	2,781	5.83
1997	22,773.0	49,787.0	45.7	177	2,542	6.96
1998	23,701.0	54,994.0	43.1	197	2,369	8.32
1999	24,840.0	75,479.0	32.9	204	2,184	9.34
2000	19,559.0	46,399.0	42.2	181	2,123	8.53
2001	15,997.0	44,146.0	36.2	159	2,125	7.48
2002	17,071.0	47,212.0	36.2	175	2,261	7.74
2003	13,223.0	43,898.0	30.1	143	2,149	6.65
2004	12,402.0	64,508.0	19.2	123	2,427	5.07
2005	12,910.0	35,771.0	36.1	147	2,093	7.02
2006	10,213.0	34,565.0	29.5	122	1,920	6.35
2007	9,436.0	42,233.0	22.3	101	1,954	5.17
2008	8,415.0	38,809.0	21.7	99	2,038	4.86
2009	7,547.0	52,563.0	14.4	90	2,306	3.90
2010	8,101.0	39,804.0	20.4	109	1,836	5.94
2011	7,051.0	67,605.0	10.4	86	1,932	4.45
2012	7,744.0	36,611.0	21.2	95	1,986	4.78
2013	6,267.0	29,953.0	20.9	77	1,924	4.00
2014	4,068.0	25,326.0	16.1	55	2,002	2.75
2015	5,623.0	37,139.0	15.1	63	1,831	3.44
2016	6,188.0	33,648.0	18.4	77	2,005	3.84
2017	5,805.0	34,121.0	17.0	84	1,791	4.69
2018	7,204.0	36,973.0	19.5	86	1,604	5.36
2019	5,521.0	27,535.0	20.1	63	1,918	3.28
2020	4,906.0	40,360.0	12.2	63	1,804	3.49
2021	4,733.0	36,115.0	13.1	56	1,771	3.16
2022	3,557.0	34,980.0	10.2	48	1,840	2.61
2023	2,576.0	21,594.0	11.9	36	1,288	2.80
Total	1,219,492	2,829,325	43.1	11,456	162,768	7.04