OCEANIC FISHERIES PROGRAMME

PUBLIC DOMAIN CATCH AND EFFORT DATA – PURSE SEINE BY FLAG AND YEAR

This dataset represents the most complete PURSE SEINE 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/doc/data-02/rules-and-procedures-protection-access-and-dissemination-data-compiled-commission).

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/

DATABASE FILE NAMES

- **S_PUBLIC_BY_FLAG_YR.xls**
- **S_PUBLIC_BY_FLAG_YR.csv**

DATASET STRUCTURE

Field Name	Picture	Description
YY	N(4)	Year
FLAG	C(2)	Flag codes (**when this field is blank**, the record is a cell representing activities of less than three vessels and so the EFFORT (hooks) and CATCH by SPECIES fields have not been provided.
LAT_SHORT	C(3)	Latitude. It represents the latitude of the south-west corner of 5° square for these data.
LON_SHORT	C(4)	Longitude. It represents the longitude of the south-west corner of 5° square for these data.
CWP_GRID	N(11)	Coordinating Working Party No
DAYS	N(6)	Days fishing and searching (effort).
SETS_UNA	N(6)	Number of Sets (Unassociated schools).
SETS_LOG	N(6)	Number of Sets (Natural Log/debris).
SETS_DFAD	N(6)	Number of Sets (Drifting FAD).
SETS_AFAD	N(6)	Number of Sets (Anchored FAD).
SETS_OTH	N(6)	Number of Sets (Other set types combined).
SKJ_C_UNA	N(8, 3)	Skipjack catch in metric tonnes (Unassociated schools).
YFT_C_UNA	N(8, 3)	Yellowfin catch (metric tonnes) (Unassociated schools).
BET_C_UNA	N(8, 3)	Bigeye catch (metric tonnes) (Unassociated schools).
OTH_C_UNA	N(8, 3)	Other species catch (metric tonnes) (Unassociated schools).
SKJ_C_LOG	N(8, 3)	Skipjack catch in metric tonnes (Natural-Log schools).
YFT_C_LOG	N(8, 3)	Yellowfin catch (metric tonnes) (Natural-Log schools).
BET_C_LOG	N(8, 3)	Bigeye catch (metric tonnes) (Natural-Log schools).
OTH_C_LOG	N(8, 3)	Other species catch (metric tonnes) (Natural-Log schools).

Field Name	Picture	Description
SKJ_C_DFAD	N(8, 3)	Skipjack catch in metric tonnes (Drifting FAD schools).
YFT_C_DFAD	N(8, 3)	Yellowfin catch (metric tonnes) (Drifting FAD schools).
BET_C_DFAD	N(8, 3)	Bigeye catch (metric tonnes) (Drifting FAD schools).
OTH_C_DFAD	N(8, 3)	Other species catch (metric tonnes) (Drifting FAD schools).
SKJ_C_AFAD	N(8, 3)	Skipjack catch in metric tonnes (Anchored FAD schools).
YFT_C_AFAD	N(8, 3)	Yellowfin catch (metric tonnes) (Anchored FAD schools).
BET_C_AFAD	N(8, 3)	Bigeye catch (metric tonnes) (Anchored FAD schools).
OTH_C_AFAD	N(8, 3)	Other species catch (metric tonnes) (Anchored FAD schools).
SKJ_C_OTH	N(8, 3)	Skipjack catch in metric tonnes (Schools from other set types).
YFT_C_OTH	N(8, 3)	Yellowfin catch (metric tonnes) (Schools from other set types).
BET_C_OTH	N(8, 3)	Bigeye catch (metric tonnes) (Schools from other set types).
OTH_C_OTH	N(8, 3)	Other species catch (metric tonnes) (Schools from other set types).

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
1967	0.0	8.0	0.0	0	4	0.00
1968	0.0	51.0	0.0	0	6	0.00
1969	0.0	17.0	0.0	0	5	0.00
1970	0.0	3,087.0	0.0	0	24	0.00
1971	0.0	5,095.0	0.0	0	23	0.00
1972	0.0	6,029.5	0.0	0	19	0.00
1973	0.0	6,568.9	0.0	0	31	0.00
1974	0.0	6,133.0	0.0	0	25	0.00
1975	23.0	3,513.0	0.7	1	33	3.03
1976	0.0	3,509.0	0.0	0	39	0.00
1977	0.0	3,861.0	0.0	0	33	0.00
1978	34.0	3,266.0	1.0	1	33	3.03
1979	1,381.3	5,589.0	24.7	5	33	15.15
1980	1,128.1	5,957.7	18.9	5	40	12.50
1981	2,522.6	10,946.8	23.0	13	124	10.48
1982	4,341.3	15,477.7	28.0	15	146	10.27
1983	7,380.0	23,862.7	30.9	21	147	14.29
1984	14,918.7	30,022.8	49.7	43	182	23.63
1985	16,160.4	25,144.9	64.3	54	167	32.34
1986	13,083.4	25,194.8	51.9	57	192	29.69
1987	18,964.4	29,201.8	64.9	68	182	37.36
1988	20,756.1	28,110.0	73.8	87	199	43.72
1989	24,017.0	31,597.5	76.0	86	208	41.35
1990	27,232.8	35,443.3	76.8	97	246	39.43
1991	33,340.2	43,502.9	76.6	105	269	39.03
1992	36,653.2	46,511.9	78.8	110	274	40.15
1993	38,005.9	48,490.1	78.4	117	298	39.26
1994	33,588.1	44,396.1	75.7	135	297	45.45
1995	32,438.4	44,077.0	73.6	107	289	37.02
1996	32,833.8	46,405.5	70.8	118	361	32.69
1997	34,180.0	47,236.4	72.4	185	443	41.76
1998	31,514.6	46,060.4	68.4	163	452	36.06
1999	33,026.1	47,436.6	69.6	173	435	39.77
2000	32,195.3	52,494.1	61.3	185	462	40.04
2001	32,322.3	50,499.8	64.0	178	482	36.93
2002	35,107.5	54,504.2	64.4	221	607	36.41
2003	38,119.4	70,214.8	54.3	231	540	42.78
2004	41,463.4	69,502.0	59.7	228	578	39.45
2005	43,476.2	67,590.1	64.3	258	564	45.74
2006	40,472.8	66,455.8	60.9	225	531	42.37
2007	43,404.0	72,704.4	59.7	224	540	41.48
2008	46,530.6	74,026.2	62.9	250	582	42.96
2009	47,809.2	71,997.6	66.4	274	647	42.35
2010	49,486.8	73,341.9	67.5	277	654	42.35
2011	55,263.9	86,622.8	63.8	277	625	44.32
2012	51,905.0	81,650.2	63.6	309	591	52.28
2013	52,842.4	87,527.3	60.4	315	616	51.14
2014	51,568.2	83,166.0	62.0	305	594	51.35
2015	40,820.9	71,880.7	56.8	326	603	54.06
2016	42,082.6	86,041.1	48.9	334	620	53.87
2017	45,121.4	96,884.8	46.6	308	598	51.51
2018	42,141.0	96,666.8	43.6	307	655	46.87
2019	40,327.4	108,377.4	37.2	325	651	49.92
2020	43,246.8	96,366.2	44.9	318	644	49.38
2021	42,612.3	107,547.2	39.6	333	628	53.03
2022	47,833.9	129,134.8	37.0	308	609	50.57
Total	1,463,677	2,577,000	56.8	8,082	18,880	42.81