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	99.0	0.0	0	21	0.00
1971	0.0	1,939.0	0.0	0	20	0.00
1972	0.0	2,465.5	0.0	0	16	0.00
1973	0.0	2,656.9	0.0	0	28	0.00
1974	0.0	1,942.0	0.0	0	22	0.00
1975	23.0	2,197.0	1.0	1	30	3.33
1976	0.0	2,534.0	0.0	0	36	0.00
1977	0.0	2,253.0	0.0	0	30	0.00
1978	34.0	2,491.0	1.4	1	30	3.33
1979	1,381.3	3,639.0	38.0	5	30	16.67
1980	1,128.1	3,797.7	29.7	5	32	15.63
1981	2,522.6	7,762.8	32.5	13	116	11.21
1982	4,341.3	11,769.7	36.9	15	138	10.87
1983	7,380.0	18,992.7	38.9	21	139	15.11
1984	14,918.6	25,084.8	59.5	43	174	24.71
1985	16,160.4	20,818.9	77.6	54	160	33.75
1986	13,083.4	20,804.8	62.9	57	186	30.65
1987	18,964.4	24,328.8	78.0	68	174	39.08
1988	20,756.1	24,261.0	85.6	87	191	45.55
1989	24,017.0	27,110.5	88.6	86	201	42.79
1990	27,232.8	30,060.3	90.6	97	240	40.42
1991	33,340.2	37,152.9	89.7	105	261	40.23
1992	36,653.2	40,824.9	89.8	110	267	41.20
1993	38,005.9	42,751.1	88.9	117	290	40.34
1994	33,588.1	38,091.1	88.2	135	289	46.71
1995	32,438.4	37,015.0	87.6	107	282	37.94
1996	32,833.8	37,757.5	87.0	118	353	33.43
1997	34,180.0	39,328.4	86.9	185	436	42.43
1998	31,514.6	36,532.4	86.3	163	445	36.63
1999	33,026.1	38,520.6	85.7	173	427	40.52
2000	32,195.3	37,790.1	85.2	185	450	41.11
2001	32,322.3	37,976.8	85.1	178	471	37.79
2002	35,107.5	41,777.2	84.0	221	598	36.96
2003	38,119.4	44,030.8	86.6	231	531	43.50
2004	41,463.4	47,264.0	87.7	228	569	40.07
2005	43,476.2	49,123.1	88.5	258	555	46.49
2006	40,472.8	45,094.8	89.8	225	520	43.27
2007	43,404.0	48,256.4	89.9	224	530	42.26
2008	46,530.6	52,363.2	88.9	250	571	43.78
2009	47,809.2	52,945.6	90.3	274	635	43.15
2010	49,486.8	55,154.9	89.7	277	642	43.15
2011	55,263.9	65,970.8	83.8	277	614	45.11
2012	51,905.0	61,690.2	84.1	309	579	53.37
2013	52,842.4	62,551.8	84.5	315	601	52.41
2014	51,568.2	60,428.0	85.3	305	579	52.68
2015	40,818.4	49,456.3	82.5	326	588	55.44
2016	42,082.6	50,351.6	83.6	334	606	55.12
2017	45,121.4	53,622.6	84.1	308	583	52.83
2018	42,141.1	50,505.5	83.4	307	641	47.89
2019	40,307.1	48,015.8	83.9	325	635	51.18
2020	42,839.8	49,579.0	86.4	314	627	50.08
2021	41,658.8	47,827.6	87.1	328	603	54.39
Total	1,414,459	1,696,834	83.4	7,765	17,807	43.61