

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 <u>south-west corner</u> of 5° square for these data.
LON_SHORT	C(4)	Longitude. It represents the longitude of the <u>south-west corner</u> 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 > 40 days/month	Total effort (days)	Coverage of effort (%) after filtering for the three-vessel rule	Number of strata with effort > 40 days/month	Number of all full coverage strata	Coverage of strata (%) after filtering for the three-vessel rule
1967	0.0	8.0	0.0	0	64	0.00
1968	0.0	51.0	0.0	0	73	0.00
1969	0.0	17.0	0.0	0	67	0.00
1970	1,111.0	2,654.5	41.9	3	29	10.34
1971	4,193.3	5,039.6	83.2	7	27	25.93
1972	7,731.0	8,227.7	94.0	9	24	37.50
1973	11,124.4	11,956.2	93.0	10	35	28.57
1974	2,806.4	4,522.5	62.1	5	29	17.24
1975	1,927.0	4,292.1	44.9	3	37	8.11
1976	2,513.1	4,314.1	58.3	5	43	11.63
1977	2,564.8	4,419.6	58.0	6	38	15.79
1978	2,913.7	4,772.5	61.1	6	37	16.22
1979	4,152.3	6,077.7	68.3	8	37	21.62
1980	3,702.2	6,658.4	55.6	8	44	18.18
1981	7,443.8	11,580.6	64.3	14	128	10.94
1982	11,066.6	16,482.6	67.1	20	150	13.33
1983	17,655.9	24,510.4	72.0	26	151	17.22
1984	23,094.8	30,689.2	75.3	33	186	17.74
1985	19,596.9	26,369.2	74.3	29	171	16.96
1986	17,049.3	26,154.1	65.2	29	193	15.03
1987	19,996.7	29,838.7	67.0	34	185	18.38
1988	19,097.9	29,005.6	65.8	29	202	14.36
1989	24,856.9	32,456.6	76.6	37	211	17.54
1990	29,336.0	37,641.1	77.9	40	250	16.00
1991	34,386.1	44,545.2	77.2	42	273	15.38
1992	39,173.3	47,902.2	81.8	52	278	18.71
1993	38,020.2	49,105.6	77.4	46	305	15.08
1994	35,442.4	47,721.4	74.3	46	302	15.23
1995	39,784.4	48,873.7	81.4	53	294	18.03
1996	36,423.7	46,956.1	77.6	53	366	14.48
1997	34,806.9	49,757.7	70.0	58	445	13.03
1998	37,936.3	49,881.5	76.1	56	455	12.31
1999	34,361.1	48,781.0	70.4	51	437	11.67
2000	39,269.8	53,192.3	73.8	60	463	12.96
2001	36,431.7	51,762.6	70.4	58	480	12.08
2002	38,457.6	57,019.5	67.4	60	603	9.95
2003	52,178.8	71,939.9	72.5	59	537	10.99
2004	48,884.5	70,889.3	69.0	57	577	9.88
2005	47,311.3	69,097.3	68.5	62	563	11.01
2006	48,805.7	68,154.6	71.6	62	531	11.68
2007	57,779.5	74,951.7	77.1	64	533	12.01
2008	55,570.4	74,840.3	74.3	71	576	12.33
2009	51,716.5	73,474.3	70.4	71	638	11.13
2010	57,005.1	77,135.7	73.9	71	645	11.01
2011	64,750.0	87,581.8	73.9	72	618	11.65
2012	58,854.5	82,281.4	71.5	68	584	11.64
2013	65,958.8	88,432.7	74.6	75	606	12.38
2014	62,738.0	83,573.1	75.1	76	580	13.10
2015	47,004.7	72,614.2	64.7	55	600	9.17
2016	63,181.6	87,602.1	72.1	61	601	10.15
2017	75,169.0	100,436.2	74.8	63	587	10.73
2018	73,768.0	97,924.6	75.3	59	640	9.22
2019	84,757.7	108,049.2	78.4	60	643	9.33
Total	1,693,861	2,312,216	73.3	2,102	17,171	12.24

