

OCEANIC FISHERIES PROGRAMME

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

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/>

DATASET STRUCTURE

Field Name	Picture	Description
YY	N(4)	Year
QTR	N(1)	Quarter
FLAG	C(2)	Flag/Nationality of vessels
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).
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).

Field Name	Picture	Description
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	726.5	2,654.5	27.4	3	62	4.84
1971	2,527.1	5,039.6	50.1	7	63	11.11
1972	6,158.7	8,227.7	74.9	10	58	17.24
1973	9,993.3	11,956.2	83.6	21	77	27.27
1974	1,967.2	4,522.5	43.5	7	74	9.46
1975	1,434.9	4,292.1	33.4	4	86	4.65
1976	1,744.6	4,314.1	40.4	5	90	5.56
1977	1,525.7	4,419.6	34.5	7	85	8.24
1978	1,840.4	4,772.5	38.6	7	99	7.07
1979	2,958.4	6,077.7	48.7	12	91	13.19
1980	2,781.1	6,658.4	41.8	11	105	10.48
1981	4,885.5	11,580.6	42.2	19	283	6.71
1982	7,615.3	16,482.6	46.2	29	342	8.48
1983	14,448.0	24,510.4	58.9	48	385	12.47
1984	19,533.4	30,689.2	63.6	65	464	14.01
1985	14,586.4	26,369.2	55.3	51	435	11.72
1986	12,498.9	26,154.1	47.8	44	466	9.44
1987	16,353.5	29,838.7	54.8	67	462	14.50
1988	15,503.7	29,005.6	53.5	50	513	9.75
1989	19,287.2	32,456.6	59.4	66	524	12.60
1990	22,913.9	37,641.1	60.9	75	588	12.76
1991	30,771.0	44,545.2	69.1	93	644	14.44
1992	31,649.8	47,902.2	66.1	85	685	12.41
1993	32,299.0	49,105.6	65.8	97	755	12.85
1994	30,238.2	47,721.4	63.4	96	723	13.28
1995	33,568.5	48,873.7	68.7	108	737	14.65
1996	29,649.0	46,956.1	63.1	97	852	11.38
1997	30,809.1	49,757.7	61.9	125	1,012	12.35
1998	32,559.0	49,881.5	65.3	108	1,008	10.71
1999	27,865.1	48,781.0	57.1	104	1,088	9.56
2000	31,175.4	53,192.3	58.6	120	1,103	10.88
2001	29,625.0	51,762.6	57.2	117	1,128	10.37
2002	32,807.5	57,019.5	57.5	132	1,412	9.35
2003	47,785.3	71,939.9	66.4	131	1,334	9.82
2004	41,177.8	70,889.3	58.1	125	1,423	8.78
2005	39,712.4	69,097.3	57.5	130	1,365	9.52
2006	43,962.9	68,154.6	64.5	135	1,215	11.11
2007	50,288.0	74,951.7	67.1	153	1,264	12.10
2008	45,112.4	74,840.3	60.3	145	1,470	9.86
2009	44,515.2	73,474.3	60.6	142	1,496	9.49
2010	52,017.0	77,135.7	67.4	162	1,476	10.98
2011	56,020.1	87,581.8	64.0	159	1,592	9.99
2012	49,861.1	82,281.4	60.6	143	1,559	9.17
2013	55,610.5	88,432.7	62.9	158	1,592	9.92
2014	50,892.2	83,573.1	60.9	157	1,502	10.45
2015	39,907.6	72,614.2	55.0	110	1,467	7.50
2016	54,150.1	87,602.1	61.8	123	1,510	8.15
2017	66,291.2	100,436.2	66.0	131	1,533	8.55
2018	64,020.4	97,924.6	65.4	110	1,597	6.89
2019	78,128.2	108,049.2	72.3	132	1,520	8.68
Total	1,433,753	2,312,216	62.0	4,236	41,618	10.18

