

WESTERN CENTRAL PACIFIC FISHERIES COMMISSION

PUBLIC DOMAIN CATCH AND EFFORT DATA – LONGLINE BY FLAG AND YEAR

This database represents the most complete longline 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).

DATABASE FILE NAMES

- L_PUBLIC_BY_FLAG_YR.xls
- L_PUBLIC_BY_FLAG_YR.csv

DATABASE STRUCTURE

Field Name	Picture	Description
YY	N(4)	Year
FLAG_ID	C(2)	Flag codes (<u>when this field is blank</u> , 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.
LAT5	C(3)	Latitude. It represents the latitude of the <u>south-west corner</u> of 5° square for these data.
LON5	C(4)	Longitude. It represents the longitude of the <u>south-west corner</u> of 5° square for these data.
HHOOKS	N(6)	Hundreds of hooks (longline effort).
ALB_C	N(8, 3)	Albacore catch in metric tonnes.
ALB_N	N(6)	Albacore catch in numbers.
YFT_C	N(8, 3)	Yellowfin catch (metric tonnes)
YFT_N	N(6)	Yellowfin catch in numbers.
BET_C	N(8, 3)	Bigeye catch (metric tonnes).
BET_N	N(6)	Bigeye catch in numbers.
MLS_C	N(8, 3)	Striped Marlin catch (metric tonnes).
MLS_N	N(6)	Striped Marlin catch (number).
BLM_C	N(8, 3)	Black marlin catch (metric tonnes).
BLM_N	N(6)	Black marlin catch (number).
BLZ_C	N(8, 3)	Blue marlin catch (metric tonnes).
BLZ_N	N(6)	Blue marlin catch (number).
SWO_C	N(8, 3)	Swordfish catch (metric tonnes).
SWO_N	N(6)	Swordfish catch (number).
OTH_C	N(8, 3)	Other species catch (metric tonnes)
OTH_N	N(6)	The total of all other species catch (in numbers).

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

Year	Effort (100s of hooks) for strata representing activities >2 vessels /month	Total effort (100s of hooks)	Coverage of effort (%) after filtering for the three-vessel rule	Number of strata representing activities >2 vessels/month	Number of all strata	Coverage of strata (%) after filtering for the three-vessel rule
1950	18,088.0	40,467.0	44.7	2	16	12.5
1951	53,160.0	70,928.0	74.9	5	26	19.2
1952	998,523.0	1,130,213.6	88.3	51	130	39.2
1953	1,104,029.0	1,238,970.2	89.1	61	148	41.2
1954	1,187,050.1	1,386,500.5	85.6	56	183	30.6
1955	1,191,151.1	1,496,134.3	79.6	63	229	27.5
1956	1,181,228.0	1,480,423.8	79.8	60	229	26.2
1957	1,443,043.6	1,711,135.8	84.3	82	229	35.8
1958	1,857,773.4	2,166,593.1	85.7	104	257	40.5
1959	2,016,309.1	2,312,236.2	87.2	114	253	45.1
1960	2,223,974.0	2,543,814.3	87.4	115	261	44.1
1961	2,500,118.7	2,813,445.8	88.9	132	264	50.0
1962	2,248,339.2	2,591,270.1	86.8	135	291	46.4
1963	2,806,547.7	3,163,875.8	88.7	150	326	46.0
1964	1,749,003.1	2,215,634.7	78.9	111	334	33.2
1965	2,443,368.1	2,941,723.7	83.1	134	343	39.1
1966	2,646,848.0	3,072,791.9	86.1	156	373	41.8
1967	2,826,268.3	3,427,229.7	82.5	141	435	32.4
1968	3,060,732.3	3,593,444.6	85.2	140	436	32.1
1969	2,613,365.1	3,077,315.6	84.9	138	403	34.2
1970	2,964,534.1	3,499,155.7	84.7	155	473	32.8
1971	3,307,195.0	3,875,211.3	85.3	167	470	35.5
1972	2,923,197.4	3,467,757.3	84.3	158	443	35.7
1973	3,148,136.1	3,694,557.9	85.2	171	423	40.4
1974	3,558,413.9	4,131,068.2	86.1	188	454	41.4
1975	2,971,499.9	3,609,440.2	82.3	146	479	30.5
1976	3,080,169.1	3,729,784.2	82.6	170	489	34.8
1977	3,051,013.8	3,707,147.7	82.3	177	564	31.4
1978	3,067,183.3	3,695,341.3	83.0	153	531	28.8
1979	4,142,591.0	4,821,640.9	85.9	182	539	33.8
1980	4,463,364.7	5,144,850.5	86.8	203	582	34.9
1981	3,972,779.2	4,807,276.7	82.6	201	593	33.9
1982	3,527,376.4	4,335,170.1	81.4	185	535	34.6
1983	3,067,318.5	3,773,173.2	81.3	161	460	35.0
1984	3,267,550.2	3,994,728.6	81.8	165	488	33.8
1985	3,423,664.1	4,132,811.2	82.8	165	467	35.3
1986	2,831,198.9	3,615,128.2	78.3	137	433	31.6
1987	3,186,866.3	4,016,087.9	79.4	144	426	33.8
1988	3,983,404.7	4,827,867.1	82.5	158	438	36.1
1989	3,542,111.8	4,430,778.1	79.9	160	492	32.5
1990	3,546,680.3	4,263,875.7	83.2	173	444	39.0
1991	3,434,056.4	4,240,690.6	81.0	168	480	35.0
1992	4,614,655.1	5,662,463.7	81.5	177	492	36.0
1993	3,396,262.8	4,398,145.2	77.2	178	515	34.6
1994	3,984,436.3	4,922,103.4	80.9	200	529	37.8
1995	4,107,587.0	5,164,003.3	79.5	185	580	31.9
1996	3,255,127.4	4,684,016.7	69.5	165	605	27.3
1997	3,186,646.5	4,424,509.9	72.0	167	571	29.2
1998	3,963,512.1	5,380,670.1	73.7	204	620	32.9
1999	4,549,418.6	6,030,324.9	75.4	192	611	31.4
2000	4,474,643.8	6,246,213.6	71.6	201	678	29.6
2001	5,282,674.6	7,008,048.1	75.4	209	695	30.1
2002	5,878,141.0	7,865,430.1	74.7	258	916	28.2
2003	6,209,362.3	8,248,333.8	75.3	276	969	28.5
2004	6,131,877.7	8,807,640.6	69.6	280	1,041	26.9
2005	5,495,498.5	7,526,124.4	73.0	252	961	26.2
2006	5,439,948.0	7,591,400.1	71.7	241	952	25.3
2007	6,187,630.2	8,645,037.7	71.6	288	972	29.6
2008	6,448,028.6	9,015,908.0	71.5	279	908	30.7
2009	6,650,591.0	9,821,479.3	67.7	272	930	29.2
2010	6,671,269.0	9,624,822.0	69.3	311	982	31.7
2011	7,108,840.7	10,533,236.5	67.5	337	1,070	31.5
2012	7,731,114.4	10,664,930.7	72.5	357	1,194	29.9
2013	6,116,178.4	8,705,198.0	70.3	298	1,126	26.5
2014	6,338,749.0	9,485,298.0	66.8	287	1,051	27.3
2015	6,487,831.3	9,303,667.5	69.7	285	1,051	27.1
2016	5,777,754.1	8,696,626.9	66.4	279	1,086	25.7
2017	6,063,071.7	7,555,458.5	80.2	279	1,088	25.6
2018	6,254,405.7	8,774,474.6	71.3	283	1,083	26.1
2019	6,817,420.1	8,920,629.3	76.4	310	1,091	28.4
2020	5,953,081.1	7,579,817.9	78.5	289	1,065	27.1
2021	5,191,262.2	6,840,881.0	75.9	235	991	23.7
2022	5,349,358.2	6,958,532.6	76.9	245	982	24.9
Total	281,745,602.2	367,373,117.4	76.7	13,456.0	43,274.0	31.1