

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	3,420,846.4	86.7	155	469	33.0
1971	3,307,195.0	3,788,615.5	87.3	167	466	35.8
1972	2,923,197.4	3,421,593.2	85.4	158	439	36.0
1973	3,148,136.1	3,647,564.5	86.3	171	419	40.8
1974	3,558,413.9	4,074,326.0	87.3	188	450	41.8
1975	2,971,474.4	3,542,268.2	83.9	146	475	30.7
1976	3,080,133.8	3,679,012.2	83.7	170	485	35.1
1977	3,051,002.3	3,637,379.5	83.9	177	560	31.6
1978	3,067,182.3	3,604,751.6	85.1	153	521	29.4
1979	4,142,576.0	4,709,683.9	88.0	182	529	34.4
1980	4,463,367.3	4,981,237.9	89.6	203	572	35.5
1981	3,972,802.1	4,617,600.5	86.0	201	583	34.5
1982	3,527,392.3	4,091,426.1	86.2	185	525	35.2
1983	3,067,323.5	3,513,480.3	87.3	161	450	35.8
1984	3,267,539.4	3,763,770.9	86.8	165	478	34.5
1985	3,423,665.2	3,867,560.2	88.5	165	457	36.1
1986	2,831,205.7	3,320,269.2	85.3	137	423	32.4
1987	3,186,911.9	3,637,075.0	87.6	144	416	34.6
1988	3,983,420.7	4,416,961.3	90.2	158	428	36.9
1989	3,542,137.3	4,010,337.7	88.3	160	482	33.2
1990	3,546,728.1	3,918,683.2	90.5	173	434	39.9
1991	3,433,841.9	3,845,705.5	89.3	168	470	35.7
1992	4,614,598.2	5,062,103.4	91.2	177	482	36.7
1993	3,396,277.6	3,939,469.7	86.2	178	505	35.2
1994	3,984,413.1	4,448,860.1	89.6	200	519	38.5
1995	4,107,630.7	4,617,832.8	89.0	185	570	32.5
1996	3,255,106.2	3,858,068.8	84.4	165	595	27.7
1997	3,186,653.4	3,775,836.9	84.4	167	558	29.9
1998	3,963,437.0	4,531,872.8	87.5	204	609	33.5
1999	4,549,252.6	5,138,843.0	88.5	192	601	31.9
2000	4,474,471.4	5,156,129.3	86.8	201	668	30.1
2001	5,282,630.0	5,920,907.4	89.2	209	685	30.5
2002	5,875,546.5	6,752,241.2	87.0	258	905	28.5
2003	6,207,860.9	7,189,340.7	86.3	276	957	28.8
2004	6,131,723.3	7,121,809.9	86.1	280	1,021	27.4
2005	5,494,211.2	6,499,679.8	84.5	252	944	26.7
2006	5,435,619.5	6,405,224.7	84.9	241	938	25.7
2007	6,185,523.7	7,160,411.0	86.4	288	959	30.0
2008	6,447,941.7	7,338,158.4	87.9	279	893	31.2
2009	6,650,683.8	7,646,188.8	87.0	272	920	29.6
2010	6,721,737.3	7,746,722.3	86.8	314	984	31.9
2011	7,108,848.7	8,199,317.0	86.7	337	1,048	32.2
2012	7,728,321.7	8,875,850.0	87.1	357	1,168	30.6
2013	6,111,366.5	7,250,702.5	84.3	298	1,104	27.0
2014	6,279,635.8	7,380,345.8	85.1	288	1,044	27.6
2015	6,474,215.0	7,675,582.3	84.3	285	1,058	26.9
2016	5,777,475.2	6,916,666.9	83.5	279	1,080	25.8
2017	5,921,548.1	7,180,931.7	82.5	275	1,083	25.4
2018	6,134,072.2	7,301,291.6	84.0	278	1,077	25.8
2019	6,725,781.8	7,899,968.5	85.1	309	1,085	28.5
2020	5,874,130.0	6,951,396.7	84.5	288	1,063	27.1
Total	270,729,814.0	313,926,050.9	86.2	12,969.0	40,820.0	31.8