

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	29,493.0	40,467.0	72.9	5	40	12.5
1951	53,160.0	70,928.0	74.9	5	26	19.2
1952	1,001,112.3	1,135,183.1	88.2	51	149	34.2
1953	1,104,029.0	1,238,970.2	89.1	61	148	41.2
1954	1,189,109.4	1,390,918.0	85.5	56	196	28.6
1955	1,192,871.1	1,498,989.7	79.6	63	241	26.1
1956	1,181,228.0	1,480,423.8	79.8	60	229	26.2
1957	1,446,162.0	1,716,012.8	84.3	82	237	34.6
1958	1,711,810.7	2,024,937.0	84.5	101	267	37.8
1959	1,885,500.5	2,186,870.6	86.2	110	264	41.7
1960	2,100,568.3	2,420,535.9	86.8	112	269	41.6
1961	2,374,097.8	2,686,843.6	88.4	130	271	48.0
1962	2,195,316.3	2,534,398.3	86.6	135	296	45.6
1963	2,295,098.0	2,664,380.3	86.1	144	329	43.8
1964	1,604,171.6	2,081,871.4	77.1	107	337	31.8
1965	2,037,054.1	2,547,955.1	79.9	128	349	36.7
1966	2,584,577.1	3,020,306.8	85.6	154	377	40.8
1967	2,514,705.2	3,124,417.0	80.5	137	440	31.1
1968	2,475,175.4	3,000,498.7	82.5	139	439	31.7
1969	2,511,224.4	2,979,855.0	84.3	138	408	33.8
1970	2,593,920.7	3,041,112.5	85.3	163	479	34.0
1971	2,837,538.0	3,331,157.7	85.2	170	476	35.7
1972	3,071,854.2	3,545,668.8	86.6	172	450	38.2
1973	3,297,378.8	3,751,249.2	87.9	187	432	43.3
1974	3,818,201.5	4,307,542.0	88.6	201	462	43.5
1975	3,001,826.4	3,527,298.4	85.1	163	491	33.2
1976	3,273,619.8	3,848,857.5	85.1	184	500	36.8
1977	3,556,606.7	4,107,097.3	86.6	197	575	34.3
1978	3,190,286.6	3,702,770.2	86.2	174	544	32.0
1979	4,064,943.2	4,617,437.2	88.0	200	550	36.4
1980	4,440,755.6	4,930,637.3	90.1	222	594	37.4
1981	4,833,639.3	5,445,261.2	88.8	224	603	37.1
1982	4,332,833.0	4,865,279.7	89.1	210	543	38.7
1983	3,577,980.8	3,990,015.4	89.7	186	473	39.3
1984	3,922,495.7	4,379,202.1	89.6	191	505	37.8
1985	4,563,948.7	4,958,980.7	92.0	196	484	40.5
1986	3,490,416.3	3,959,192.7	88.2	164	451	36.4
1987	4,041,920.6	4,470,169.4	90.4	173	448	38.6
1988	4,855,030.0	5,260,725.2	92.3	190	460	41.3
1989	4,258,629.9	4,708,770.9	90.4	190	513	37.0
1990	4,380,384.6	4,761,244.5	92.0	197	464	42.5
1991	4,389,656.1	4,781,396.5	91.8	194	498	39.0
1992	4,556,803.5	4,975,640.9	91.6	203	510	39.8
1993	4,892,767.4	5,395,500.9	90.7	210	536	39.2
1994	5,323,997.4	5,766,803.2	92.3	227	535	42.4
1995	5,442,754.7	5,928,157.4	91.8	215	589	36.5
1996	4,952,943.0	5,540,189.9	89.4	196	611	32.1
1997	5,005,850.4	5,581,870.4	89.7	201	583	34.5
1998	5,804,747.7	6,347,396.7	91.5	240	629	38.2
1999	6,600,050.6	7,173,537.5	92.0	225	619	36.3
2000	7,146,511.7	7,802,805.5	91.6	239	692	34.5
2001	8,855,777.0	9,486,663.9	93.3	245	713	34.4
2002	8,953,607.3	9,808,535.8	91.3	291	914	31.8
2003	8,824,410.5	9,801,008.2	90.0	306	982	31.2
2004	9,505,991.1	10,467,069.3	90.8	328	1,056	31.1
2005	7,651,266.1	8,661,043.2	88.3	290	979	29.6
2006	7,920,981.4	8,896,911.6	89.0	281	974	28.9
2007	9,086,492.7	10,073,382.0	90.2	323	998	32.4
2008	9,390,854.6	10,317,962.0	91.0	310	924	33.5
2009	9,971,796.9	10,977,902.6	90.8	307	945	32.5
2010	9,965,260.4	10,923,833.0	91.2	361	1,015	35.6
2011	10,564,314.1	11,629,390.2	90.8	387	1,085	35.7
2012	11,098,452.0	12,249,668.0	90.6	398	1,211	32.9
2013	8,999,270.3	10,115,859.8	89.0	340	1,149	29.6
2014	9,229,665.3	10,340,724.8	89.3	327	1,084	30.2
2015	9,762,813.3	10,918,977.8	89.4	319	1,056	30.2
2016	9,355,080.6	10,489,108.5	89.2	311	1,094	28.4
2017	7,883,031.4	9,085,987.1	86.8	306	1,075	28.5
2018	8,848,610.9	9,945,047.0	89.0	318	1,066	29.8
Total	332,874,432.8	372,836,805.5	89.3	13,770.0	39,931.0	34.5