

Catch and effort of Pacific Islands Region longline vessels inside Pacific Remote Island Area Exclusive Economic Zone

Fisheries Reporting and Bycatch Program
Pacific Islands Fisheries Science Center
National Marine Fisheries Service, NOAA

Purpose

This data report contains annual summary of Pacific Islands Region (PIR) longline (LL) fisheries catch and effort inside Pacific Remote Island Area (PRIA) Economic Zones (EEZ).

Data Sources

Hawai‘i Longline Logbook (1996-2022) – Frozen data version March 15, 2023.

California Longline Logbook (1996-2022) – Frozen data version March 15, 2023.

American Samoa Longline Logbook (1996-2022) – Frozen data version March 15, 2023.

Data Summary

The data summary table below represents an annual summary of Pacific Islands Region (PIR) longline fisheries catch and effort inside the Pacific Remote Island Area (PRIA) Economic Zones (EEZ).

Data were pulled from the following views/tables:

1. LLDS.LLDS_HDR_20230315HAC
2. LLDS.LLDS_DETAIL_20230315HAC

Data were pulled using the following conditions:

1. All fleets – California, Hawai‘i, American Samoa,
2. All species,
3. Estimated retained pounds is calculated by using average weights (derived from the State of Hawai‘i dealer reports) multiplied by the number of pieces retained. Estimated metric tons are calculated by estimated retained pounds divided by 2204.62,
4. Estimated kept value is calculated by using average price/pound (derived from the State of Hawai‘i dealer reports) multiplied by the estimated retained pounds.

References

Pacific Islands Fisheries Science Center. 2023. American Samoa Longline Logbook, <https://www.fisheries.noaa.gov/inport/item/1775>.

Pacific Islands Fisheries Science Center. 2023. Hawai‘i Longline Logbook, <https://www.fisheries.noaa.gov/inport/item/2721>.

Southwest Fisheries Science Center. 2023. California Pelagic Longline Fishery, <https://www.fisheries.noaa.gov/inport/item/12906>.

Table 1. Annual summary of Pacific Islands Region (PIR) longline fisheries catch and effort inside the Pacific Remote Island Area (PRIA) Economic Zones (EEZ).

Haul Year	EEZ Area	Number of Trips	Number of Sets	Number of Hooks Set	Est. Retained Metric Tons	Est. Retained Value (\$)
1997	Johnston Atoll	38	168	289,230	177	n/a
1997	Kingman Reef & Palmyra Atoll	14	81	141,890	68	n/a
1998	Johnston Atoll	41	172	298,500	154	n/a
1998	Kingman Reef & Palmyra Atoll	123	881	1,617,471	654	n/a
1999	Johnston Atoll	30	112	211,240	83	n/a
1999	Kingman Reef & Palmyra Atoll	56	436	859,173	266	n/a
2000	Jarvis Island	c.d.	c.d.	c.d.	c.d.	c.d.
2000	Johnston Atoll	92	585	1,209,119	544	2,619,403
2000	Kingman Reef & Palmyra Atoll	103	853	1,786,725	738	4,131,734
2001	Jarvis Island	c.d.	c.d.	c.d.	c.d.	c.d.
2001	Johnston Atoll	104	513	1,033,179	455	1,529,384
2001	Kingman Reef & Palmyra Atoll	100	913	1,771,968	690	3,018,641
2002	Jarvis Island	17	142	324,465	168	674,241
2002	Johnston Atoll	97	562	1,122,573	428	1,836,087
2002	Kingman Reef & Palmyra Atoll	112	1,001	2,063,006	807	3,910,649
2003	Jarvis Island	8	118	300,122	94	227,391
2003	Johnston Atoll	41	273	524,746	172	630,432
2003	Kingman Reef & Palmyra Atoll	21	132	268,232	94	370,934
2004	Jarvis Island	5	34	79,629	20	98,263
2004	Johnston Atoll	104	451	922,090	291	1,422,570
2004	Kingman Reef & Palmyra Atoll	61	461	950,509	290	1,591,908
2005	Jarvis Island	c.d.	c.d.	c.d.	c.d.	c.d.
2005	Johnston Atoll	28	120	288,981	84	368,469
2005	Kingman Reef & Palmyra Atoll	16	92	200,450	58	311,244
2006	Jarvis Island	4	14	28,323	11	38,069
2006	Johnston Atoll	81	365	772,687	274	1,483,163
2006	Kingman Reef & Palmyra Atoll	56	438	944,308	347	1,962,592
2007	Jarvis Island	3	9	19,200	3	10,996
2007	Johnston Atoll	65	310	682,237	223	1,145,383
2007	Kingman Reef & Palmyra Atoll	79	757	1,669,348	592	3,512,823
2008	Jarvis Island	c.d.	c.d.	c.d.	c.d.	c.d.
2008	Johnston Atoll	59	356	782,455	286	1,362,642
2008	Kingman Reef & Palmyra Atoll	24	212	516,603	143	841,356
2009	Johnston Atoll	74	305	688,603	181	961,584
2009	Kingman Reef & Palmyra Atoll	27	193	452,667	133	734,331
2010	Johnston Atoll	40	170	434,342	130	686,437
2010	Kingman Reef & Palmyra Atoll	50	399	988,178	363	2,310,854

Haul Year	EEZ Area	Number of Trips	Number of Sets	Number of Hooks Set	Est. Retained Metric Tons	Est. Retained Value (\$)
2011	Johnston Atoll	58	230	536,529	187	1,123,970
2011	Kingman Reef & Palmyra Atoll	14	114	316,820	135	779,819
2012	Jarvis Island	3	3	7,410	1	3,577
2012	Johnston Atoll	89	447	1,081,454	315	2,618,847
2012	Kingman Reef & Palmyra Atoll	40	308	788,370	258	2,215,883
2013	Jarvis Island	3	13	26,426	3	19,367
2013	Johnston Atoll	73	329	827,291	238	1,926,142
2013	Kingman Reef & Palmyra Atoll	21	131	344,109	66	602,525
2014	Jarvis Island	c.d.	c.d.	c.d.	c.d.	c.d.
2014	Johnston Atoll	40	174	436,514	129	746,563
2014	Kingman Reef & Palmyra Atoll	21	144	379,619	112	794,452
2015	Johnston Atoll	c.d.	c.d.	c.d.	c.d.	c.d.
2015	Kingman Reef & Palmyra Atoll	16	119	317,527	76	480,943
2016	Kingman Reef & Palmyra Atoll	8	46	113,410	38	189,615
2017	Kingman Reef & Palmyra Atoll	c.d.	c.d.	c.d.	c.d.	c.d.
2018	Kingman Reef & Palmyra Atoll	c.d.	c.d.	c.d.	c.d.	c.d.
2019	Kingman Reef & Palmyra Atoll	c.d.	c.d.	c.d.	c.d.	c.d.
2021	Kingman Reef & Palmyra Atoll	c.d.	c.d.	c.d.	c.d.	c.d.

Confidential data is denoted as c.d.; data not available is denoted as n/a.