

Detail: L - MLS

Gear	Flag	Year	Region	Aggregate Data				Operational Data				Length Data				
				Annual Catch		Catch		Catch		Size		Area		Time		
				Estimate	Area	Time	recs	recs	Area	Time	int	Samples	Area	Time	int	Samples
L	AU	1991	S Pacific	32	5x5	MON	41	241	5x5	MON	1	26	...	...	...	...
L	AU	1992	S Pacific	22	5x5	MON	45	248	5x5	MON	1	37	...	...	...	...
L	AU	1993	S Pacific	27	5x5	MON	39	297	5x5	MON	1	94	...	...	...	...
L	AU	1994	S Pacific	54	5x5	MON	52	433	5x5	MON	1	48	...	...	...	...
L	AU	1995	S Pacific	87	5x5	MON	88	798	5x5	MON	1	166	...	...	...	...
L	AU	1996	S Pacific	138	5x5	MON	70	1,251	5x5	MON	1	150	...	...	...	...
L	AU	1997	S Pacific	198	5x5	MON	91	1,903	5x5	MON	1	120	...	...	...	...
L	AU	2001	S Pacific	539	5x5	MON	134	4,725	5x5	MON	1	12	...	...	...	...
L	AU	2002	S Pacific	637	5x5	MON	146	3,999	5x5	MON	1	147	...	...	...	...
L	AU	2003	S Pacific	683	5x5	MON	158	4,831	5x5	MON	1	324	...	...	...	...
L	AU	2004	S Pacific	465	5x5	MON	151	3,245	5x5	MON	1	253	...	...	...	...
L	AU	2005	S Pacific	453	5x5	MON	127	3,098	5x5	MON	1	137	...	...	...	...
L	AU	2006	S Pacific	441	5x5	MON	128	2,664	5x5	MON	1	310	...	...	...	...
L	AU	2007	S Pacific	359	5x5	MON	119	1,849	5x5	MON	1	179	...	...	...	...
L	AU	2008	S Pacific	425	5x5	MON	94	2,270	5x5	MON	1	327	...	...	...	...
L	AU	2009	S Pacific	361	5x5	MON	114	1,808	5x5	MON	1	240	...	...	...	...
L	AU	2010	S Pacific	247	5x5	MON	113	1,478	5x5	MON	1	120	...	...	...	...
L	AU	2011	S Pacific	286	5x5	MON	97	1,744	5x5	MON	1	204	...	...	...	...
L	AU	2012	S Pacific	262	5x5	MON	99	1,500	5x5	MON	1	138	...	...	...	...
L	AU	2013	S Pacific	251	5x5	MON	89	1,361	5x5	MON	1	164	...	...	...	...
L	AU	2014	S Pacific	274	5x5	MON	99	1,500	5x5	MON	1	49	...	...	...	...
L	AU	2015	S Pacific	347	5x5	MON	101	1,932	5x5	MON	1	20	...	...	...	...
L	CK	1996	S Pacific	5	5x5	MON	11	43	5x5	MON	1	2	...	...	...	...
L	CK	2002	S Pacific	14	5x5	MON	37	153	5x5	MON	1	5	...	...	...	...
L	CK	2003	S Pacific	43	5x5	MON	58	483	5x5	MON	1	39	...	...	...	...
L	CK	2006	S Pacific	17	5x5	MON	66	285	5x5	MON	1	11	...	...	...	...
L	CK	2008	S Pacific	11	5x5	MON	55	165	5x5	MON	1	8	...	...	...	...
L	CK	2009	S Pacific	11	5x5	MON	56	205	5x5	MON	1	13	...	...	...	...
L	CK	2010	S Pacific	24	5x5	MON	43	194	5x5	MON	1	1	...	...	...	...
L	CK	2011	S Pacific	16	5x5	MON	39	102	5x5	MON	1	10	...	...	...	...
L	CK	2012	S Pacific	28	5x5	MON	59	296	5x5	MON	1	2	...	...	...	...
L	CK	2013	S Pacific	12	5x5	MON	60	202	5x5	MON	1	16	...	...	...	...
L	CK	2014	S Pacific	19	5x5	MON	73	371	5x5	MON	1	39	...	...	...	...
L	CK	2015	S Pacific	19	5x5	MON	77	410	5x5	MON	1	15	...	...	...	...
L	CK	2016	S Pacific	19	5x5	MON	60	286	5x5	MON	1	9	...	...	...	...
L	CK	2017	S Pacific	24	5x5	MON	63	352	5x5	MON	1	66	...	...	...	...
L	CK	2018	S Pacific	9	5x5	MON	42	182	5x5	MON	1	71	...	...	...	...
L	CK	2019	S Pacific	20	5x5	MON	53	276	5x5	MON	1	68	...	...	...	...
L	CK	2021	S Pacific	10	5x5	MON	30	113	5x5	MON	1	5	...	...	...	...
L	CN	1996	S Pacific	...	5x5	MON	45	123	5x5	MON	1	1	...	...	...	...
L	CN	2001	S Pacific	2	5x5	MON	24	56	5x5	MON	1	15	...	...	...	...
L	CN	2002	S Pacific	32	5x5	MON	76	166	5x5	MON	1	1	...	...	...	...
L	CN	2003	S Pacific	240	5x5	MON	103	451	5x5	MON	1	2	...	...	...	...
L	CN	2004	S Pacific	317	5x5	MON	106	283	5x5	MON	1	5	...	...	...	...
L	CN	2005	S Pacific	168	5x5	MON	61	237	5x5	MON	1	3	...	...	...	...
L	CN	2007	S Pacific	193	5x5	MON	64	221	5x5	MON	1	2	...	...	...	...
L	CN	2008	S Pacific	492	5x5	MON	134	344	5x5	MON	1	29	...	...	...	...
L	CN	2009	S Pacific	328	5x5	MON	254	765	5x5	MON	1	8	...	...	...	...
L	CN	2010	S Pacific	117	5x5	MON	224	1,060	5x5	MON	1	27	...	...	...	...
L	CN	2011	S Pacific	217	5x5	MON	502	1,235	5x5	MON	1	6	...	...	...	...
L	CN	2012	S Pacific	440	5x5	MON	1,085	1,320	5x5	MON	1	122	...	...	...	...
L	CN	2013	S Pacific	190	5x5	MON	278	1,430	5x5	MON	1	272	...	...	...	...
L	CN	2014	S Pacific	310	5x5	MON	307	1,659	5x5	MON	1	223	...	...	...	...
L	CN	2015	S Pacific	221	5x5	MON	880	3,228	5x5	MON	1	14	...	...	...	...
L	CN	2016	S Pacific	176	5x5	MON	625	2,151	5x5	MON	1	103	...	...	...	...
L	CN	2017	S Pacific	196	5x5	MON	534	1,610	5x5	MON	1	220	...	...	...	...
L	CN	2018	S Pacific	445	5x5	MON	1,218	1,509	5x5	MON	1	234	...	...	...	...
L	CN	2019	S Pacific	232	5x5	MON	816	194	5x5	MON	1	590	...	...	...	...
L	CN	2020	S Pacific	271	5x5	MON	775	1,702	5x5	MON	1	404	...	...	...	...
L	CN	2021	S Pacific	304	5x5	MON	605	844	5x5	MON	1	353	...	...	...	...
L	CN	2022	S Pacific	60	5x5	MON	427	1,504	5x5	MON	1	217	...	...	...	...
L	FJ	1995	S Pacific	67	5x5	MON	31	216	5x5	MON	1	5	...	...	...	...
L	FJ	1997	S Pacific	89	5x5	MON	104	602	5x5	MON	1	8	...	...	...	...
L	FJ	1998	S Pacific	203	5x5	MON	152	1,088	5x5	MON	1	102	...	...	...	...
L	FJ	1999	S Pacific	218	5x5	MON	117	676	5x5	MON	1	32	...	...	...	...
L	FJ	2000	S Pacific	141	5x5	MON	144	836	5x5	MON	1	1	...	...	...	...
L	FJ	2002	S Pacific	120	5x5	MON	234	1,110	5x5	MON	1	10	...	...	...	...
L	FJ	2003	S Pacific	112	5x5	MON	270	1,294	5x5	MON	1	135	...	...	...	...
L	FJ	2004	S Pacific	183	5x5	MON	196	1,211	5x5	MON	1	396	...	...	...	...
L	FJ	2005	S Pacific	124	5x5	MON	205	1,376	5x5	MON	1	244	...	...	...	...
L	FJ	2006	S Pacific	147	5x5	MON	197	1,112	5x5	MON	1	150	...	...	...	...
L	FJ	2007	S Pacific	62	5x5	MON	214	1,408	5x5	MON	1	163	...	...	...	...
L	FJ	2008	S Pacific	64	5x5	MON	167	1,085	5x5	MON	1	273	...	...	...	...
L	FJ	2009	S Pacific	62	5x5	MON	174	1,084	5x5	MON	1	103	...	...	...	...
L	FJ	2010	S Pacific	40	5x5	MON	170	1,019	5x5	MON	1	27	...	...	...	...
L	FJ	2011	S Pacific	33	5x5	MON	220	1,100	5x5	MON	1	16	...	...	...	...
L	FJ	2012	S Pacific	33	5x5	MON	255	1,236	5x5	MON	1	12	...	...	...	...
L	FJ	2013	S Pacific	33	5x5	MON	210	898	5x5	MON	1	171	...	...	...	...
L	FJ	2014	S Pacific	51	5x5	MON	187	852	5x5	MON	1	409	...	...	...	...
L	FJ	2015	S Pacific	36	5x5	MON	152	704	5x5	MON	1	208	...	...	...	...
L	FJ	2016	S Pacific	38	5x5	MON	137	685	5x5	MON	1	276	...	...	...	...
L	FJ	2017	S Pacific	92	5x5	MON	129	559	5x5	MON	1	196	...	...	...	...
L	FJ	2018	S Pacific	32	5x5	MON	107	488	5x5	MON	1	287	...	...	...	...
L	FJ	2019	S Pacific	34	5x5	MON	103	453	5x5	MON	1	407	...	...	...	...
L	FJ	2020	S Pacific	22	5x5	MON	94	306	5x5	MON	1	260
L	FJ	2021	S Pacific	24	5x5	MON	91	377	5x5	MON	1	264

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Gear	Flag	Year	Region	Aggregate Data				Operational Data				Length Data				
				Annual Catch Estimate	Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples
L	FJ	2022	S Pacific	12	5x5	MON	66	219	5x5	MON	1	262	...	...	...	...
L	FM	2013	S Pacific	...	5x5	MON	1	1	5x5	MON	1	50	...	...	...	...
L	FM	2014	S Pacific	...	5x5	MON	2	3	5x5	MON	1	2	...	...	...	...
L	FM	2015	S Pacific	...	5x5	MON	12	21	5x5	MON	1	54	...	...	...	...
L	FM	2016	S Pacific	...	5x5	MON	10	12	5x5	MON	1	80	...	...	...	...
L	FM	2019	S Pacific	...	5x5	MON	2	2	5x5	MON	1	50	...	...	...	...
L	JP	1976	S Pacific	3,404	5x5	MON	2,698	...	1x1	MON	1	4	...	...	...	...
L	JP	1980	S Pacific	3,180	5x5	MON	2,621	1,340	1x1	MON	1	2	...	...	...	...
L	JP	1983	S Pacific	2,872	5x5	MON	2,336	3,686	1x1	MON	1	5	...	...	...	...
L	JP	1990	S Pacific	3,079	5x5	MON	2,256	4,324	1x1	MON	1	19	5x5	MON	1	10
L	JP	1991	S Pacific	2,471	5x5	MON	2,220	2,661	1x1	MON	1	738	5x5	MON	1	16
L	JP	1992	S Pacific	2,411	5x5	MON	2,226	2,354	1x1	MON	1	233	5x5	MON	1	137
L	JP	1993	S Pacific	2,602	5x5	MON	2,266	3,801	1x1	MON	1	242	5x5	MON	1	99
L	JP	1994	S Pacific	2,817	5x5	MON	1,842	3,611	1x1	MON	1	103	5x5	MON	1	69
L	JP	1995	S Pacific	2,341	5x5	MON	1,854	3,240	1x1	MON	1	244	5x5	MON	1	76
L	JP	1996	S Pacific	2,517	5x5	MON	1,766	1,309	5x5	MON	1	132	1x1	MON	1	32
L	JP	1997	S Pacific	2,670	5x5	MON	1,626	1,837	5x5	MON	1	128	1x1	MON	1	6
L	JP	1998	S Pacific	2,692	5x5	MON	1,683	701	1x1	MON	1	1	5x5	MON	1	1
L	JP	1999	S Pacific	1,153	5x5	MON	1,498	782	1x1	MON	1	5	5x5	MON	1	3
L	JP	2000	S Pacific	704	5x5	MON	1,476	268	5x5	MON	1	7	1x1	MON	1	6
L	JP	2001	S Pacific	1,212	5x5	MON	1,492	191	10x20	MON	5	1,148	10x20	MON	1	44
L	JP	2002	S Pacific	1,048	5x5	MON	1,419	168	10x20	MON	5	1,497	10x20	MON	1	2
L	JP	2003	S Pacific	1,020	5x5	MON	1,567	222	10x20	MON	5	936	...	...	...	...
L	JP	2004	S Pacific	681	5x5	MON	1,388	239	10x20	MON	5	617	5x5	MON	1	9
L	JP	2005	S Pacific	638	5x5	MON	1,285	184	10x20	MON	5	752	...	...	...	...
L	JP	2006	S Pacific	621	5x5	MON	1,260	306	10x20	MON	5	720	...	...	...	...
L	JP	2007	S Pacific	611	5x5	MON	1,148	366	10x20	MON	5	653	...	...	...	...
L	JP	2008	S Pacific	470	5x5	MON	1,074	264	10x20	MON	5	327	...	...	...	...
L	JP	2009	S Pacific	461	5x5	MON	975	229	10x20	MON	5	737	...	...	...	...
L	JP	2010	S Pacific	567	5x5	MON	1,090	539	10x20	MON	5	374	...	...	...	...
L	JP	2014	S Pacific	545	5x5	MON	1,008	186	5x5	MON	1	17	...	...	...	...
L	JP	2015	S Pacific	336	5x5	MON	942	1,841	5x5	MON	1	47	...	...	...	...
L	JP	2016	S Pacific	327	5x5	MON	986	1,674	5x5	MON	1	142	...	...	...	...
L	JP	2017	S Pacific	271	5x5	MON	940	1,270	5x5	MON	1	50	...	...	...	...
L	JP	2018	S Pacific	229	5x5	MON	897	977	5x5	MON	1	68	...	...	...	...
L	JP	2019	S Pacific	204	5x5	MON	807	972	5x5	MON	1	55	...	...	...	...
L	JP	2020	S Pacific	214	5x5	MON	833	671	5x5	MON	1	21	...	...	...	...
L	KI	2010	S Pacific	...	...	...	...	...	5x5	MON	1	3	...	...	...	...
L	KI	2013	S Pacific	1	5x5	MON	38	82	5x5	MON	1	40	...	...	...	...
L	KI	2015	S Pacific	...	5x5	MON	2	2	5x5	MON	1	13	...	...	...	...
L	KI	2016	S Pacific	...	5x5	MON	26	65	5x5	MON	1	6	...	...	...	...
L	KI	2018	S Pacific	2	5x5	MON	6	13	5x5	MON	1	3	...	...	...	...
L	KI	2019	S Pacific	18	5x5	MON	49	235	5x5	MON	1	35	...	...	...	...
L	KI	2020	S Pacific	20	5x5	MON	92	318	5x5	MON	1	37	...	...	...	...
L	KI	2021	S Pacific	28	5x5	MON	98	519	5x5	MON	1	16	...	...	...	...
L	KI	2022	S Pacific	17	5x5	MON	93	373	5x5	MON	1	7	...	...	...	...
L	KR	1998	S Pacific	429	5x5	MON	692	2,025	5x5	MON	1	4	...	...	...	...
L	KR	1999	S Pacific	474	5x5	MON	681	4,274	5x5	MON	1	56	...	...	...	...
L	KR	2001	S Pacific	267	5x5	MON	466	1,880	10x20	MON	1	3	...	...	...	...
L	KR	2002	S Pacific	264	5x5	MON	493	1,526	5x5	MON	1	50	10x20	MON	1	13
L	KR	2005	S Pacific	316	5x5	MON	540	793	5x5	MON	1	45	...	...	...	...
L	KR	2006	S Pacific	237	5x5	MON	528	801	5x5	MON	1	15	...	...	...	...
L	KR	2007	S Pacific	66	5x5	MON	419	1,199	5x5	MON	1	9	...	...	...	...
L	KR	2011	S Pacific	85	5x5	MON	449	659	5x5	MON	1	9	...	...	...	...
L	KR	2012	S Pacific	53	5x5	MON	351	432	5x5	MON	1	18	...	...	...	...
L	KR	2013	S Pacific	99	5x5	MON	405	610	5x5	MON	1	111	...	...	...	...
L	KR	2014	S Pacific	79	5x5	MON	365	2,455	5x5	MON	1	128	...	...	...	...
L	KR	2015	S Pacific	88	5x5	MON	336	2,607	5x5	MON	1	50	...	...	...	...
L	KR	2016	S Pacific	95	5x5	MON	343	3,097	5x5	MON	1	166	...	...	...	...
L	KR	2017	S Pacific	86	5x5	MON	392	3,249	5x5	MON	1	4	...	...	...	...
L	KR	2018	S Pacific	60	5x5	MON	338	2,517	5x5	MON	1	78	...	...	...	...
L	KR	2019	S Pacific	53	5x5	MON	324	1,872	5x5	MON	1	24	...	...	...	...
L	KR	2020	S Pacific	69	5x5	MON	352	2,525	5x5	MON	1	50	...	...	...	...
L	KR	2021	S Pacific	107	5x5	MON	342	3,113	5x5	MON	1	110	...	...	...	...
L	KR	2022	S Pacific	42	5x5	MON	256	1,484	5x5	MON	1	56	...	...	...	...
L	NC	1993	S Pacific	40	5x5	MON	42	204	5x5	MON	1	7	...	...	...	...
L	NC	1994	S Pacific	193	5x5	MON	25	149	5x5	MON	1	214	...	...	...	...
L	NC	1995	S Pacific	89	5x5	MON	38	167	5x5	MON	1	305	...	...	...	...
L	NC	1996	S Pacific	101	5x5	MON	25	110	5x5	MON	1	160	...	...	...	...
L	NC	1997	S Pacific	60	5x5	MON	29	172	5x5	MON	1	470	...	...	...	...
L	NC	1998	S Pacific	159	5x5	MON	50	617	5x5	MON	1	1,344	...	...	...	...
L	NC	1999	S Pacific	91	5x5	MON	51	557	5x5	MON	1	1,115	...	...	...	...
L	NC	2000	S Pacific	160	5x5	MON	56	695	5x5	MON	1	1,450	...	...	...	...
L	NC	2001	S Pacific	165	5x5	MON	53	476	5x5	MON	1	914	...	...	...	...
L	NC	2002	S Pacific	185	5x5	MON	46	350	5x5	MON	1	536	...	...	...	...
L	NC	2003	S Pacific	193	5x5	MON	61	534	5x5	MON	1	540	...	...	...	...
L	NC	2004	S Pacific	211	5x5	MON	71	587	5x5	MON	1	272	...	...	...	...
L	NC	2005	S Pacific	74	5x5	MON	57	656	5x5	MON	1	144	...	...	...	...
L	NC	2006	S Pacific	54	5x5	MON	57	563	5x5	MON	1	188	...	...	...	...
L	NC	2007	S Pacific	63	5x5	MON	59	595	5x5	MON	1	128	...	...	...	...
L	NC	2008	S Pacific	103	5x5	MON	61	929	5x5	MON	1	398	...	...	...	...
L	NC	2009	S Pacific	71	5x5	MON	58	570	5x5	MON	1	356	...	...	...	...
L	NC	2010	S Pacific	65	5x5	MON	53	492	5x5	MON	1	292	...	...	...	...
L	NC	2011	S Pacific	76	5x5	MON	57	682	5x5	MON	1	388	...	...	...	...
L	NC	2012	S Pacific	57	5x5	MON	59	556	5x5	MON	1	38	...	...	...	...
L	NC	2013	S Pacific	51	5x5	MON	56	437	5x5	MON	1	60	...	...	...	...
L	NC	2014	S Pacific	60	5x5	MON	53	510	5x5	MON	1	53	...	...	...	...
L	NC	2015	S Pacific	58	5x5	MON	53	506	5x5	MON	1	22
L	NC	2016	S Pacific	69	5x5	MON	56	643								

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				Annual Catch Estimate	Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples
L	NC	2018	S Pacific	52	5x5	MON	58	529	5x5	MON	1	82	...	...	...	...
L	NC	2019	S Pacific	84	5x5	MON	59	713	5x5	MON	1	88	...	...	...	...
L	NC	2020	S Pacific	81	5x5	MON	57	721	5x5	MON	1	68	...	...	...	...
L	NC	2021	S Pacific	98	5x5	MON	59	829	5x5	MON	1	125	...	...	...	...
L	NC	2022	S Pacific	132	5x5	MON	62	874	5x5	MON	1	149	...	...	...	...
L	NZ	1995	S Pacific	...	5x5	MON	18	96	5x5	MON	1	1	...	...	...	...
L	NZ	1997	S Pacific	...	5x5	MON	28	223	5x5	MON	1	2	...	...	...	...
L	NZ	1998	S Pacific	...	5x5	MON	37	284	5x5	MON	1	8	...	...	...	...
L	NZ	2001	S Pacific	...	5x5	MON	39	306	5x5	MON	1	8	...	...	...	...
L	NZ	2002	S Pacific	1	5x5	MON	29	134	5x5	MON	1	1	...	...	...	...
L	NZ	2003	S Pacific	2	5x5	MON	37	156	5x5	MON	1	1	...	...	...	...
L	NZ	2005	S Pacific	3	5x5	MON	23	170	5x5	MON	1	25	...	...	...	...
L	NZ	2007	S Pacific	1	5x5	MON	7	17	5x5	MON	1	2	...	...	...	...
L	NZ	2009	S Pacific	...	5x5	MON	22	154	5x5	MON	1	1	...	...	...	...
L	NZ	2011	S Pacific	...	5x5	MON	27	189	5x5	MON	1	1	...	...	...	...
L	PF	1995	S Pacific	71	5x5	MON	68	877	5x5	MON	1	2	...	...	...	...
L	PF	1996	S Pacific	109	5x5	MON	64	668	5x5	MON	1	26	...	...	...	...
L	PF	1997	S Pacific	148	5x5	MON	69	1,020	5x5	MON	1	97	...	...	...	...
L	PF	1998	S Pacific	101	5x5	MON	59	756	5x5	MON	1	131	...	...	...	...
L	PF	1999	S Pacific	161	5x5	MON	89	1,256	5x5	MON	1	123	...	...	...	...
L	PF	2000	S Pacific	87	5x5	MON	97	903	5x5	MON	1	74	...	...	...	...
L	PF	2001	S Pacific	95	5x5	MON	71	827	5x5	MON	1	29	...	...	...	...
L	PF	2002	S Pacific	91	5x5	MON	74	839	5x5	MON	1	40	...	...	...	...
L	PF	2003	S Pacific	117	5x5	MON	101	1,183	5x5	MON	1	105	...	...	...	...
L	PF	2004	S Pacific	109	5x5	MON	103	1,062	5x5	MON	1	83	...	...	...	...
L	PF	2005	S Pacific	91	5x5	MON	117	890	5x5	MON	1	78	...	...	...	...
L	PF	2006	S Pacific	122	5x5	MON	112	1,134	5x5	MON	1	243	...	...	...	...
L	PF	2007	S Pacific	138	5x5	MON	103	1,248	5x5	MON	1	177	...	...	...	...
L	PF	2008	S Pacific	142	5x5	MON	106	1,077	5x5	MON	1	140	...	...	...	...
L	PF	2009	S Pacific	104	5x5	MON	91	894	5x5	MON	1	93	...	...	...	...
L	PF	2010	S Pacific	127	5x5	MON	93	886	5x5	MON	1	90	...	...	...	...
L	PF	2011	S Pacific	124	5x5	MON	91	888	5x5	MON	1	123	...	...	...	...
L	PF	2012	S Pacific	117	5x5	MON	82	1,007	5x5	MON	1	109	...	...	...	...
L	PF	2013	S Pacific	107	5x5	MON	91	1,022	5x5	MON	1	95	...	...	...	...
L	PF	2014	S Pacific	105	5x5	MON	94	1,547	5x5	MON	1	158	...	...	...	...
L	PF	2015	S Pacific	102	5x5	MON	92	1,569	5x5	MON	1	74	...	...	...	...
L	PF	2016	S Pacific	73	5x5	MON	121	1,148	5x5	MON	1	70	...	...	...	...
L	PF	2017	S Pacific	74	5x5	MON	114	966	5x5	MON	1	66	...	...	...	...
L	PF	2018	S Pacific	81	5x5	MON	113	1,196	5x5	MON	1	83	...	...	...	...
L	PF	2019	S Pacific	91	5x5	MON	124	1,412	5x5	MON	1	69	...	...	...	...
L	PF	2020	S Pacific	99	5x5	MON	118	1,557	5x5	MON	1	66	...	...	...	...
L	PF	2021	S Pacific	129	5x5	MON	126	2,115	5x5	MON	1	140	...	...	...	...
L	PF	2022	S Pacific	69	5x5	MON	119	1,190	5x5	MON	1	77	...	...	...	...
L	PG	1996	S Pacific	1	5x5	MON	5	9	5x5	MON	1	9	...	...	...	...
L	PG	1999	S Pacific	1	5x5	MON	15	25	5x5	MON	1	17	...	...	...	...
L	PG	2000	S Pacific	7	5x5	MON	50	223	5x5	MON	1	9	...	...	...	...
L	PG	2001	S Pacific	13	5x5	MON	31	147	5x5	MON	1	6	10x20	MON	1	2
L	PG	2002	S Pacific	13	5x5	MON	43	127	5x5	MON	1	84	10x20	MON	1	2
L	PG	2003	S Pacific	18	5x5	MON	45	208	5x5	MON	1	15	...	...	...	...
L	PG	2004	S Pacific	14	5x5	MON	34	156	5x5	MON	1	23	...	...	...	...
L	PG	2005	S Pacific	11	5x5	MON	32	128	5x5	MON	1	31	...	...	...	...
L	PG	2006	S Pacific	15	5x5	MON	34	196	5x5	MON	1	27	...	...	...	...
L	PG	2007	S Pacific	14	5x5	MON	40	237	5x5	MON	1	7	...	...	...	...
L	PG	2008	S Pacific	4	5x5	MON	21	61	5x5	MON	1	14	...	...	...	...
L	PG	2010	S Pacific	11	5x5	MON	24	81	5x5	MON	1	2	...	...	...	...
L	PG	2011	S Pacific	11	5x5	MON	28	116	5x5	MON	1	50	...	...	...	...
L	PG	2012	S Pacific	11	5x5	MON	23	69	5x5	MON	1	180	...	...	...	...
L	PG	2013	S Pacific	3	5x5	MON	6	8	5x5	MON	1	74	...	...	...	...
L	PG	2014	S Pacific	3	5x5	MON	28	162	5x5	MON	1	7	...	...	...	...
L	PG	2015	S Pacific	9	5x5	MON	15	68	5x5	MON	1	7	...	...	...	...
L	PG	2016	S Pacific	...	5x5	MON	39	139	5x5	MON	1	9	...	...	...	...
L	SB	1997	S Pacific	1	...	...	...	80	5x5	MON	1	2	...	...	...	...
L	SB	1998	S Pacific	1	...	...	...	24	5x5	MON	1	11	...	...	...	...
L	SB	1999	S Pacific	1	...	...	...	22	5x5	MON	1	16	...	...	...	...
L	SB	2000	S Pacific	1	...	...	...	10	5x5	MON	1	7	...	...	...	...
L	SB	2001	S Pacific	...	...	...	...	8	5x5	MON	1	4	...	...	...	...
L	SB	2002	S Pacific	1	...	...	...	10	5x5	MON	1	42	...	...	...	...
L	SB	2003	S Pacific	1	...	...	...	3	5x5	MON	1	17	...	...	...	...
L	SB	2004	S Pacific	1	...	...	...	10	5x5	MON	1	2	...	...	...	...
L	SB	2011	S Pacific	1	5x5	MON	1	1	5x5	MON	1	10	...	...	...	...
L	SB	2012	S Pacific	...	5x5	MON	4	4	5x5	MON	1	29	...	...	...	...
L	SB	2013	S Pacific	...	5x5	MON	2	3	5x5	MON	1	18	...	...	...	...
L	SB	2014	S Pacific	51	5x5	MON	51	74	5x5	MON	1	42	...	...	...	...
L	SB	2015	S Pacific	15	5x5	MON	60	128	5x5	MON	1	18	...	...	...	...
L	SB	2018	S Pacific	1	5x5	MON	19	25	5x5	MON	1	27	...	...	...	...
L	SB	2019	S Pacific	9	5x5	MON	28	74	5x5	MON	1	50	...	...	...	...
L	TO	1995	S Pacific	22	...	...	...	...	5x5	MON	1	23	...	...	...	...
L	TO	1996	S Pacific	28	5x5	MON	11	24	5x5	MON	1	14	...	...	...	...
L	TO	1997	S Pacific	31	5x5	MON	30	107	5x5	MON	1	50	...	...	...	...
L	TO	1998	S Pacific	39	5x5	MON	17	91	5x5	MON	1	39	...	...	...	...
L	TO	1999	S Pacific	51	5x5	MON	30	187	5x5	MON	1	33	...	...	...	...
L	TO	2000	S Pacific	55	5x5	MON	48	494	5x5	MON	1	305	...	...	...	...
L	TO	2001	S Pacific	82	5x5	MON	49	276	5x5	MON	1	29	...	...	...	...
L	TO	2002	S Pacific	79	5x5	MON	58	433	5x5	MON	1	159	...	...	...	...
L	TO	2003	S Pacific	46	5x5	MON	59	321	5x5	MON	1	89	...	...	...	...
L	TO	2004	S Pacific	18	5x5	MON	46	152	5x5	MON	1	113	...	...	...	...
L	TO	2005	S Pacific	6	5x5	MON	44	304	5x5	MON	1	289	...	...	...	...
L	TO	2006	S Pacific	24	5x5	MON	47	245	5x5	MON	1	139	...	...	...	...
L	TO	2007	S Pacific	18	5x5	MON	36	213	5x5	MON	1	289	...	...	...	...
L	TO	2008	S Pacific	11	5x5	MON	32	156	5x5	MON	1	168	...	...	...	...

(continued)

Gear	Flag	Year	Region	Aggregate Data				Operational Data				Length Data				
				Annual Catch Estimate	Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples
L	TO	2009	S Pacific	8	5x5	MON	27	106	5x5	MON	1	116	...	...	...	...
L	TO	2010	S Pacific	4	5x5	MON	17	45	5x5	MON	1	55	...	...	...	...
L	TO	2011	S Pacific	7	5x5	MON	24	71	5x5	MON	1	74	...	...	...	...
L	TO	2012	S Pacific	8	5x5	MON	19	44	5x5	MON	1	36	...	...	...	...
L	TO	2013	S Pacific	2	5x5	MON	8	24	5x5	MON	1	62	...	...	...	...
L	TO	2014	S Pacific	12	5x5	MON	14	126	5x5	MON	1	214	...	...	...	...
L	TO	2015	S Pacific	30	5x5	MON	27	283	5x5	MON	1	684	...	...	...	...
L	TO	2016	S Pacific	12	5x5	MON	18	93	5x5	MON	1	181	...	...	...	...
L	TO	2017	S Pacific	2	5x5	MON	11	41	5x5	MON	1	263	...	...	...	...
L	TO	2018	S Pacific	11	5x5	MON	26	102	5x5	MON	1	325	...	...	...	...
L	TO	2019	S Pacific	14	5x5	MON	23	105	5x5	MON	1	580	...	...	...	...
L	TO	2020	S Pacific	4	5x5	MON	18	55	5x5	MON	1	217	...	...	...	...
L	TO	2021	S Pacific	11	5x5	MON	23	97	5x5	MON	1	408	...	...	...	...
L	TO	2022	S Pacific	19	5x5	MON	24	161	5x5	MON	1	566	...	...	...	...
L	TV	2016	S Pacific	...	...	...	...	...	5x5	MON	1	3	...	...	...	...
L	TV	2017	S Pacific	8	5x5	MON	1	1	5x5	MON	1	17	...	...	...	...
L	TV	2018	S Pacific	...	...	...	...	...	5x5	MON	1	15	...	...	...	...
L	TW	1998	S Pacific	323	5x5	MON	219	422	5x5	MON	1	29	...	...	...	...
L	TW	1999	S Pacific	248	5x5	MON	302	845	5x5	MON	1	51	...	...	...	...
L	TW	2000	S Pacific	296	5x5	MON	424	667	5x5	MON	1	8	...	...	...	...
L	TW	2001	S Pacific	292	5x5	MON	241	308	5x5	MON	1	8	...	...	...	...
L	TW	2002	S Pacific	1,355	5x5	MON	589	613	5x5	MON	1	125	...	...	...	...
L	TW	2003	S Pacific	1,130	5x5	MON	791	1,026	5x5	MON	1	11	...	...	...	...
L	TW	2004	S Pacific	972	5x5	MON	916	776	5x5	MON	1	21	...	...	...	...
L	TW	2006	S Pacific	445	5x5	MON	794	516	10x20	QTR	5	1,130	5x5	MON	1	41
L	TW	2007	S Pacific	408	5x5	MON	721	871	10x20	QTR	5	1,469	...	...	...	...
L	TW	2008	S Pacific	215	5x5	MON	674	782	10x20	QTR	5	959	5x5	MON	1	4
L	TW	2009	S Pacific	347	5x5	MON	974	729	10x20	QTR	5	772	...	...	...	...
L	TW	2010	S Pacific	497	5x5	MON	1,105	505	10x20	QTR	5	1,074	...	...	...	...
L	TW	2011	S Pacific	789	5x5	MON	1,212	921	10x20	QTR	5	1,092	5x5	MON	1	139
L	TW	2012	S Pacific	398	5x5	MON	1,219	569	10x20	QTR	5	944	5x5	MON	1	401
L	TW	2013	S Pacific	273	5x5	MON	905	484	5x5	MON	1	152	10x20	QTR	5	150
L	TW	2014	S Pacific	367	5x5	MON	735	863	5x5	MON	1	294	10x20	QTR	5	90
L	TW	2015	S Pacific	297	5x5	MON	675	821	5x5	MON	1	292	10x20	QTR	5	84
L	TW	2016	S Pacific	316	5x5	MON	869	2,786	5x5	MON	1	490	10x20	QTR	5	3
L	TW	2017	S Pacific	250	5x5	MON	975	4,945	5x5	MON	1	222	...	...	...	...
L	TW	2018	S Pacific	257	5x5	MON	891	6,118	5x5	MON	1	168	...	...	...	...
L	TW	2019	S Pacific	334	5x5	MON	1,050	7,300	5x5	MON	1	450	...	...	...	...
L	TW	2020	S Pacific	472	5x5	MON	1,118	9,908	5x5	MON	1	409	...	...	...	...
L	TW	2021	S Pacific	300	5x5	MON	1,040	7,062	5x5	MON	1	446	...	...	...	...
L	TW	2022	S Pacific	288	5x5	MON	975	6,667	5x5	MON	1	227	...	...	...	...
L	US	2004	S Pacific	...	...	...	...	...	5x5	MON	1	6	...	...	...	...
L	US	2006	S Pacific	...	...	...	...	...	5x5	MON	1	14	...	...	...	...
L	US	2007	S Pacific	...	...	...	...	...	5x5	MON	1	5	...	...	...	...
L	US	2008	S Pacific	...	...	...	...	...	5x5	MON	1	17	...	...	...	...
L	US	2009	S Pacific	...	...	...	...	...	5x5	MON	1	5	...	...	...	...
L	US	2010	S Pacific	...	...	...	...	...	5x5	MON	1	22	...	...	...	...
L	US	2011	S Pacific	...	...	...	...	...	5x5	MON	1	23	...	...	...	...
L	US	2012	S Pacific	...	...	...	...	...	5x5	MON	1	5	...	...	...	...
L	US	2013	S Pacific	...	5x5	MON	13	...	5x5	MON	1	3	...	...	...	...
L	US	2014	S Pacific	...	...	...	...	...	5x5	MON	1	18	...	...	...	...
L	US	2015	S Pacific	...	...	...	...	...	5x5	MON	1	3	...	...	...	...
L	US	2016	S Pacific	...	...	...	...	...	5x5	MON	1	12	...	...	...	...
L	US	2017	S Pacific	...	...	...	...	...	5x5	MON	1	35	10x20	MON	1	3
L	US	2018	S Pacific	...	...	...	...	...	5x5	MON	1	8	...	...	...	...
L	US	2019	S Pacific	...	...	...	...	...	5x5	MON	1	24	...	...	...	...
L	US	2020	S Pacific	...	...	...	...	...	5x5	MON	1	1	...	...	...	...
L	US	2021	S Pacific	...	...	...	...	...	5x5	MON	1	1	...	...	...	...
L	US	2022	S Pacific	...	...	...	...	...	5x5	MON	1	6	...	...	...	...
L	US-AS	2002	S Pacific	...	5x5	MON	31	326	5x5	MON	1	1	...	...	...	...
L	US-AS	2014	S Pacific	21	5x5	MON	38	208	5x5	MON	1	1	...	...	...	...
L	US-AS	2015	S Pacific	39	5x5	MON	67	135	5x5	MON	1	14	...	...	...	...
L	US-AS	2016	S Pacific	50	5x5	MON	79	54	5x5	MON	1	7	...	...	...	...
L	US-AS	2017	S Pacific	52	5x5	MON	82	65	5x5	MON	1	6	...	...	...	...
L	VU	2002	S Pacific	137	5x5	MON	111	375	10x20	MON	1	35	...	...	...	...
L	VU	2003	S Pacific	122	5x5	MON	136	504	10x20	MON	1	12	5x5	MON	1	7
L	VU	2004	S Pacific	93	5x5	MON	448	2,306	5x5	MON	1	42	10x20	MON	1	36
L	VU	2005	S Pacific	79	5x5	MON	395	2,188	10x20	MON	1	14	...	...	...	...
L	VU	2008	S Pacific	128	5x5	MON	377	1,936	5x5	MON	1	1	...	...	...	...
L	VU	2009	S Pacific	128	5x5	MON	335	1,917	5x5	MON	1	14	...	...	...	...
L	VU	2010	S Pacific	101	5x5	MON	311	1,537	5x5	MON	1	13	...	...	...	...
L	VU	2011	S Pacific	95	5x5	MON	304	1,246	5x5	MON	1	63	10x20	MON	1	4
L	VU	2012	S Pacific	116	5x5	MON	342	1,162	10x20	MON	1	10	...	...	...	...
L	VU	2013	S Pacific	106	5x5	MON	337	1,281	5x5	MON	1	63	...	...	...	...
L	VU	2014	S Pacific	156	5x5	MON	395	2,824	5x5	MON	1	3	...	...	...	...
L	VU	2015	S Pacific	227	5x5	MON	463	3,082	5x5	MON	1	14	...	...	...	...
L	VU	2016	S Pacific	116	5x5	MON	457	2,302	5x5	MON	1	31	...	...	...	...
L	VU	2017	S Pacific	105	5x5	MON	438	2,236	5x5	MON	1	4	...	...	...	...
L	VU	2018	S Pacific	76	5x5	MON	420	2,123	5x5	MON	1	39	...	...	...	...
L	VU	2019	S Pacific	18	5x5	MON	297	1,749	5x5	MON	1	71	...	...	...	...
L	WS	2000	S Pacific	53	5x5	MON	1	1	5x5	MON	1	4	...	...	...	...
L	WS	2004	S Pacific	5	5x5	MON	1	1	5x5	MON	1	9	...	...	...	...
L	WS	2006	S Pacific	7	5x5	MON	3	3	5x5	MON	1	6	...	...	...	...
L	WS	2010	S Pacific	16	5x5	MON	7	9	5x5	MON	1	6	...	...	...	...
L	WS	2013	S Pacific	5	5x5	MON	22	111	5x5	MON	1	5	...	...	...	...
L	WS	2014	S Pacific	4	5x5	MON	17	73	5x5	MON	1	16	...	...	...	...
L	WS	2016	S Pacific	3	5x5	MON	18	73	5x5	MON	1	5	...	...	...	...
L	WS	2017	S Pacific	2	5x5	MON	20	64	5x5	MON	1	11
L	WS	2018	S Pacific	2	5x5	MON	21	54	5x5	MON	1	1

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Gear	Flag	Year	Region	Aggregate Data				Operational Data				Length Data				
				Annual Catch Estimate	Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples
L	WS	2019	S Pacific	7	5x5	MON	37	167	5x5	MON	1	27	...	...	...	...
L	WS	2020	S Pacific	3	5x5	MON	25	78	5x5	MON	1	1	...	...	...	...
L	AU	1987	S Pacific	65	5x5	MON	38	230	...	...	...	...	...	...	...	...
L	AU	1988	S Pacific	76	5x5	MON	34	313	...	...	...	...	...	...	...	...
L	AU	1989	S Pacific	6	5x5	MON	33	226	...	...	...	...	...	...	...	...
L	AU	1990	S Pacific	66	5x5	MON	44	272	...	...	...	...	...	...	...	...
L	AU	1998	S Pacific	447	5x5	MON	114	3,483	...	...	...	...	...	...	...	...
L	AU	1999	S Pacific	490	5x5	MON	117	4,115	...	...	...	...	...	...	...	...
L	AU	2000	S Pacific	506	5x5	MON	130	4,248	...	...	...	...	...	...	...	...
L	AU	2016	S Pacific	230	5x5	MON	104	1,579	...	...	...	...	...	...	...	...
L	AU	2017	S Pacific	261	5x5	MON	101	1,757	...	...	...	...	...	...	...	...
L	AU	2018	S Pacific	227	5x5	MON	102	1,505	...	...	...	...	...	...	...	...
L	AU	2019	S Pacific	217	5x5	MON	104	1,564	...	...	...	...	...	...	...	...
L	AU	2020	S Pacific	167	5x5	MON	102	1,334	...	...	...	...	...	...	...	...
L	AU	2021	S Pacific	167	5x5	MON	106	1,278	...	...	...	...	...	...	...	...
L	AU	2022	S Pacific	237	5x5	MON	89	1,560	...	...	...	...	...	...	...	...
L	BZ	1998	S Pacific	5	5x5	MON	14	51	...	...	...	...	...	...	...	...
L	BZ	1999	S Pacific	3	5x5	MON	18	47	...	...	...	...	...	...	...	...
L	BZ	2000	S Pacific	...	5x5	MON	3	5	...	...	...	...	...	...	...	...
L	BZ	2001	S Pacific	...	5x5	MON	25	51	...	...	...	...	...	...	...	...
L	BZ	2002	S Pacific	...	5x5	MON	50	95	...	...	...	...	...	...	...	...
L	BZ	2003	S Pacific	...	5x5	MON	28	59	...	...	...	...	...	...	...	...
L	BZ	2004	S Pacific	...	5x5	MON	6	22	...	...	...	...	...	...	...	...
L	BZ	2005	S Pacific	...	5x5	MON	7	20	...	...	...	...	...	...	...	...
L	BZ	2006	S Pacific	...	5x5	MON	3	7	...	...	...	...	...	...	...	...
L	BZ	2007	S Pacific	3	5x5	MON	4	...	...	...	...	...	...	...	...	...
L	BZ	2010	S Pacific	3	5x5	MON	8	...	...	...	...	...	...	...	...	...
L	BZ	2011	S Pacific	6	5x5	MON	132	...	...	...	...	...	...	...	...	...
L	BZ	2012	S Pacific	1	5x5	MON	79	10	...	...	...	...	...	...	...	...
L	BZ	2013	S Pacific	7	5x5	MON	30	1	...	...	...	...	...	...	...	...
L	BZ	2014	S Pacific	...	5x5	MON	7	...	...	...	...	...	...	...	...	...
L	BZ	2020	S Pacific	...	5x5	MON	3	...	...	...	...	...	...	...	...	...
L	BZ	2021	S Pacific	...	5x5	MON	4	...	...	...	...	...	...	...	...	...
L	CK	1994	S Pacific	7	5x5	MON	15	77	...	...	...	...	...	...	...	...
L	CK	1995	S Pacific	11	5x5	MON	23	123	...	...	...	...	...	...	...	...
L	CK	2001	S Pacific	...	5x5	MON	2	3	...	...	...	...	...	...	...	...
L	CK	2004	S Pacific	36	5x5	MON	76	479	...	...	...	...	...	...	...	...
L	CK	2005	S Pacific	41	5x5	MON	66	469	...	...	...	...	...	...	...	...
L	CK	2007	S Pacific	17	5x5	MON	70	246	...	...	...	...	...	...	...	...
L	CK	2020	S Pacific	12	5x5	MON	25	118	...	...	...	...	...	...	...	...
L	CK	2022	S Pacific	6	5x5	MON	12	56	...	...	...	...	...	...	...	...
L	CN	1993	S Pacific	...	5x5	MON	18	67	...	...	...	...	...	...	...	...
L	CN	1994	S Pacific	...	5x5	MON	32	197	...	...	...	...	...	...	...	...
L	CN	1995	S Pacific	...	5x5	MON	36	123	...	...	...	...	...	...	...	...
L	CN	1997	S Pacific	...	5x5	MON	12	24	...	...	...	...	...	...	...	...
L	CN	1998	S Pacific	...	5x5	MON	1	9	...	...	...	...	...	...	...	...
L	CN	1999	S Pacific	...	5x5	MON	4	40	...	...	...	...	...	...	...	...
L	CN	2000	S Pacific	2	5x5	MON	7	14	...	...	...	...	...	...	...	...
L	CN	2006	S Pacific	205	5x5	MON	55	178	...	...	...	...	...	...	...	...
L	ES	2005	S Pacific	...	5x5	MON	1	4	...	...	...	...	...	...	...	...
L	ES	2006	S Pacific	1	5x5	MON	14	44	...	...	...	...	...	...	...	...
L	ES	2007	S Pacific	1	5x5	MON	21	86	...	...	...	...	...	...	...	...
L	ES	2008	S Pacific	1	5x5	MON	13	57	...	...	...	...	...	...	...	...
L	ES	2009	S Pacific	1	5x5	MON	1	8	...	...	...	...	...	...	...	...
L	ES	2012	S Pacific	139	5x5	MON	7	65	...	...	...	...	...	...	...	...
L	ES	2013	S Pacific	96	5x5	MON	44	262	...	...	...	...	...	...	...	...
L	ES	2014	S Pacific	55	5x5	MON	58	399	...	...	...	...	...	...	...	...
L	ES	2015	S Pacific	55	5x5	MON	29	161	...	...	...	...	...	...	...	...
L	ES	2016	S Pacific	55	5x5	MON	44	167	...	...	...	...	...	...	...	...
L	ES	2017	S Pacific	55	5x5	MON	24	74	...	...	...	...	...	...	...	...
L	ES	2018	S Pacific	55	5x5	MON	19	81	...	...	...	...	...	...	...	...
L	ES	2019	S Pacific	55	5x5	MON	22	61	...	...	...	...	...	...	...	...
L	ES	2020	S Pacific	55	5x5	MON	33	145	...	...	...	...	...	...	...	...
L	ES	2021	S Pacific	120	5x5	MON	60	479	...	...	...	...	...	...	...	...
L	ES	2022	S Pacific	133	5x5	MON	83	895	...	...	...	...	...	...	...	...
L	FJ	1989	S Pacific	...	5x5	MON	3	15	...	...	...	...	...	...	...	...
L	FJ	1991	S Pacific	5	5x5	MON	17	73	...	...	...	...	...	...	...	...
L	FJ	1992	S Pacific	7	5x5	MON	34	99	...	...	...	...	...	...	...	...
L	FJ	1993	S Pacific	11	5x5	MON	24	126	...	...	...	...	...	...	...	...
L	FJ	1994	S Pacific	35	5x5	MON	51	301	...	...	...	...	...	...	...	...
L	FJ	1996	S Pacific	75	5x5	MON	38	218	...	...	...	...	...	...	...	...
L	FJ	2001	S Pacific	88	5x5	MON	186	866	...	...	...	...	...	...	...	...
L	FM	1991	S Pacific	...	5x5	MON	1	1	...	...	...	...	...	...	...	...
L	FM	1993	S Pacific	...	5x5	MON	12	17	...	...	...	...	...	...	...	...
L	FM	1994	S Pacific	...	5x5	MON	8	15	...	...	...	...	...	...	...	...
L	FM	1995	S Pacific	...	5x5	MON	18	36	...	...	...	...	...	...	...	...
L	FM	1996	S Pacific	...	5x5	MON	11	17	...	...	...	...	...	...	...	...
L	FM	1997	S Pacific	...	5x5	MON	8	16	...	...	...	...	...	...	...	...
L	FM	1998	S Pacific	...	5x5	MON	22	53	...	...	...	...	...	...	...	...
L	FM	1999	S Pacific	...	5x5	MON	7	9	...	...	...	...	...	...	...	...
L	FM	2000	S Pacific	...	5x5	MON	10	26	...	...	...	...	...	...	...	...
L	FM	2001	S Pacific	...	5x5	MON	2	2	...	...	...	...	...	...	...	...
L	FM	2002	S Pacific	...	5x5	MON	1	2	...	...	...	...	...	...	...	...
L	FM	2004	S Pacific	...	5x5	MON	21	80	...	...	...	...	...	...	...	...
L	FM	2005	S Pacific	...	5x5	MON	7	19	...	...	...	...	...	...	...	...
L	FM	2007	S Pacific	...	5x5	MON	2	8
L	FM	2008	S Pacific	...	5x5	MON	11	25
L	FM	2009	S Pacific	...	5x5	MON	2	4

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Gear	Flag	Year	Region	Aggregate Data				Operational Data				Length Data				
				Annual Catch Estimate	Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples
L	FM	2010	S Pacific	...	5x5	MON	5	17	...	...	...	...	...	...	...	...
L	FM	2011	S Pacific	...	5x5	MON	27	171	...	...	...	...	...	...	...	...
L	FM	2012	S Pacific	...	5x5	MON	6	14	...	...	...	...	...	...	...	...
L	FM	2017	S Pacific	...	5x5	MON	18	72	...	...	...	...	...	...	...	...
L	FM	2018	S Pacific	...	5x5	MON	2	2	...	...	...	...	...	...	...	...
L	FM	2020	S Pacific	...	5x5	MON	6	6	...	...	...	...	...	...	...	...
L	FM	2021	S Pacific	...	5x5	MON	1	1	...	...	...	...	...	...	...	...
L	FM	2022	S Pacific	1	5x5	MON	12	25	...	...	...	...	...	...	...	...
L	ID	1978	S Pacific	22	5x5	MON	72	30	...	...	...	...	...	...	...	...
L	ID	1979	S Pacific	23	5x5	MON	72	4	...	...	...	...	...	...	...	...
L	ID	1980	S Pacific	27	5x5	MON	72	26	...	...	...	...	...	...	...	...
L	ID	1981	S Pacific	33	5x5	MON	72	246	...	...	...	...	...	...	...	...
L	ID	1982	S Pacific	66	5x5	MON	72	68	...	...	...	...	...	...	...	...
L	ID	1983	S Pacific	19	5x5	MON	72	29	...	...	...	...	...	...	...	...
L	ID	1984	S Pacific	31	5x5	MON	72	71	...	...	...	...	...	...	...	...
L	ID	1985	S Pacific	45	5x5	MON	72	285	...	...	...	...	...	...	...	...
L	ID	1986	S Pacific	45	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	1987	S Pacific	169	5x5	MON	72	4	...	...	...	...	...	...	...	...
L	ID	1988	S Pacific	178	5x5	MON	72	2	...	...	...	...	...	...	...	...
L	ID	1989	S Pacific	94	5x5	MON	72	1	...	...	...	...	...	...	...	...
L	ID	1990	S Pacific	101	5x5	MON	72	21	...	...	...	...	...	...	...	...
L	ID	1991	S Pacific	127	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	1992	S Pacific	140	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	1993	S Pacific	108	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	1994	S Pacific	101	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	1995	S Pacific	107	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	1996	S Pacific	128	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	1997	S Pacific	107	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	1998	S Pacific	132	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	1999	S Pacific	136	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2000	S Pacific	68	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2001	S Pacific	88	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2002	S Pacific	138	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2003	S Pacific	203	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2004	S Pacific	205	5x5	MON	74	3	...	...	...	...	...	...	...	...
L	ID	2005	S Pacific	232	5x5	MON	85	38	...	...	...	...	...	...	...	...
L	ID	2006	S Pacific	223	5x5	MON	77	8	...	...	...	...	...	...	...	...
L	ID	2007	S Pacific	221	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2008	S Pacific	232	5x5	MON	83	20	...	...	...	...	...	...	...	...
L	ID	2009	S Pacific	227	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2010	S Pacific	227	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2011	S Pacific	227	5x5	MON	88	50	...	...	...	...	...	...	...	...
L	ID	2012	S Pacific	227	5x5	MON	89	66	...	...	...	...	...	...	...	...
L	ID	2013	S Pacific	227	5x5	MON	91	78	...	...	...	...	...	...	...	...
L	ID	2014	S Pacific	227	5x5	MON	120	245	...	...	...	...	...	...	...	...
L	ID	2015	S Pacific	227	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2016	S Pacific	227	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2017	S Pacific	...	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2018	S Pacific	...	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2019	S Pacific	...	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2020	S Pacific	...	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2021	S Pacific	...	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	ID	2022	S Pacific	...	5x5	MON	72	...	...	...	...	...	...	...	...	...
L	JP	1950	S Pacific	...	5x5	MON	5	...	...	...	...	...	...	...	...	...
L	JP	1951	S Pacific	...	5x5	MON	7	...	...	...	...	...	...	...	...	...
L	JP	1952	S Pacific	...	5x5	MON	374	...	...	...	...	...	...	...	...	...
L	JP	1953	S Pacific	...	5x5	MON	445	...	...	...	...	...	...	...	...	...
L	JP	1954	S Pacific	...	5x5	MON	678	...	...	...	...	...	...	...	...	...
L	JP	1955	S Pacific	...	5x5	MON	947	...	...	...	...	...	...	...	...	...
L	JP	1956	S Pacific	...	5x5	MON	926	...	...	...	...	...	...	...	...	...
L	JP	1957	S Pacific	...	5x5	MON	965	...	...	...	...	...	...	...	...	...
L	JP	1958	S Pacific	...	5x5	MON	1,150	...	...	...	...	...	...	...	...	...
L	JP	1959	S Pacific	...	5x5	MON	1,150	...	...	...	...	...	...	...	...	...
L	JP	1960	S Pacific	...	5x5	MON	1,195	43	...	...	...	...	...	...	...	...
L	JP	1961	S Pacific	...	5x5	MON	1,347	32	...	...	...	...	...	...	...	...
L	JP	1962	S Pacific	...	5x5	MON	1,697	12	...	...	...	...	...	...	...	...
L	JP	1963	S Pacific	...	5x5	MON	2,175	986	...	...	...	...	...	...	...	...
L	JP	1964	S Pacific	...	5x5	MON	2,219	656	...	...	...	...	...	...	...	...
L	JP	1965	S Pacific	...	5x5	MON	2,319	1,085	...	...	...	...	...	...	...	...
L	JP	1966	S Pacific	...	5x5	MON	2,254	1,737	...	...	...	...	...	...	...	...
L	JP	1967	S Pacific	...	5x5	MON	2,286	2,524	...	...	...	...	...	...	...	...
L	JP	1968	S Pacific	...	5x5	MON	2,160	965	...	...	...	...	...	...	...	...
L	JP	1969	S Pacific	...	5x5	MON	2,866	596	...	...	...	...	...	...	...	...
L	JP	1970	S Pacific	...	5x5	MON	2,983	336	...	...	...	...	...	...	...	...
L	JP	1971	S Pacific	4,939	5x5	MON	2,671	212	...	...	...	...	...	...	...	...
L	JP	1972	S Pacific	3,858	5x5	MON	2,593	19	...	...	...	...	...	...	...	...
L	JP	1973	S Pacific	2,913	5x5	MON	2,536	...	...	...	...	...	...	...	...	...
L	JP	1974	S Pacific	2,728	5x5	MON	2,570	...	...	...	...	...	...	...	...	...
L	JP	1975	S Pacific	2,256	5x5	MON	2,312	...	...	...	...	...	...	...	...	...
L	JP	1977	S Pacific	2,303	5x5	MON	2,399	...	...	...	...	...	...	...	...	...
L	JP	1978	S Pacific	2,234	5x5	MON	2,432	10	...	...	...	...	...	...	...	...
L	JP	1979	S Pacific	3,482	5x5	MON	2,671	510	...	...	...	...	...	...	...	...
L	JP	1981	S Pacific	4,221	5x5	MON	2,671	4,321	...	...	...	...	...	...	...	...
L	JP	1982	S Pacific	4,265	5x5	MON	2,486	4,863	...	...	...	...	...	...	...	...
L	JP	1984	S Pacific	2,007	5x5	MON	2,470	3,571	...	...	...	...	...	...	...	...
L	JP	1985	S Pacific	1,783	5x5	MON	2,316	3,875	...	...	...	...	...	...	...	...
L	JP	1986	S Pacific	2,371	5x5	MON	2,324	4,037	...	...	...	...	...	...	...	...
L	JP	1987	S Pacific	3,544	5x5	MON	2,408	3,523	...	...	...	...	...	...	...	...
L	JP	1988	S Pacific	2,918	5x5	MON	2,331	4,277	...	...	...	...	...	...	...	...
L	JP	1989	S Pacific	3,346	5x5	MON	2,398	6,408	...	...	...	...	...	...	...	...
L	JP	2011	S Pacific	764	5x5	MON	1,245	833
L	JP	2012	S Pacific	759	5x5	MON	1,161	489

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Gear	Flag	Year	Region	Aggregate Data				Operational Data				Length Data				
				Annual Catch Estimate	Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples
L	JP	2013	S Pacific	600	5x5	MON	1,091	315	...	...	...	...	...	...	...	...
L	JP	2021	S Pacific	207	5x5	MON	754	573	...	...	...	...	...	...	...	...
L	JP	2022	S Pacific	130	5x5	MON	574	606	...	...	...	...	...	...	...	...
L	KI	2003	S Pacific	...	5x5	MON	7	12	...	...	...	...	...	...	...	...
L	KI	2004	S Pacific	...	5x5	MON	2	2	...	...	...	...	...	...	...	...
L	KI	2011	S Pacific	...	5x5	MON	8	25	...	...	...	...	...	...	...	...
L	KI	2012	S Pacific	1	5x5	MON	31	109	...	...	...	...	...	...	...	...
L	KI	2014	S Pacific	7	5x5	MON	18	37	...	...	...	...	...	...	...	...
L	KI	2017	S Pacific	95	5x5	MON	27	62	...	...	...	...	...	...	...	...
L	KR	1975	S Pacific	17	5x5	MON	163	1,985	...	...	...	...	...	...	...	...
L	KR	1976	S Pacific	179	5x5	MON	274	1,710	...	...	...	...	...	...	...	...
L	KR	1977	S Pacific	78	5x5	MON	396	1,907	...	...	...	...	...	...	...	...
L	KR	1978	S Pacific	361	5x5	MON	611	1,519	...	...	...	...	...	...	...	...
L	KR	1979	S Pacific	195	5x5	MON	546	1,244	...	...	...	...	...	...	...	...
L	KR	1980	S Pacific	42	5x5	MON	290	1,086	...	...	...	...	...	...	...	...
L	KR	1981	S Pacific	362	5x5	MON	859	2,266	...	...	...	...	...	...	...	...
L	KR	1982	S Pacific	208	5x5	MON	764	1,765	...	...	...	...	...	...	...	...
L	KR	1983	S Pacific	120	5x5	MON	551	1,027	...	...	...	...	...	...	...	...
L	KR	1984	S Pacific	183	5x5	MON	574	1,438	...	...	...	...	...	...	...	...
L	KR	1985	S Pacific	236	5x5	MON	547	1,684	...	...	...	...	...	...	...	...
L	KR	1986	S Pacific	148	5x5	MON	559	1,776	...	...	...	...	...	...	...	...
L	KR	1987	S Pacific	232	5x5	MON	616	1,722	...	...	...	...	...	...	...	...
L	KR	1988	S Pacific	326	5x5	MON	537	1,613	...	...	...	...	...	...	...	...
L	KR	1989	S Pacific	174	5x5	MON	568	1,786	...	...	...	...	...	...	...	...
L	KR	1990	S Pacific	349	5x5	MON	548	1,357	...	...	...	...	...	...	...	...
L	KR	1991	S Pacific	421	5x5	MON	571	430	...	...	...	...	...	...	...	...
L	KR	1992	S Pacific	294	5x5	MON	655	875	...	...	...	...	...	...	...	...
L	KR	1993	S Pacific	352	5x5	MON	651	827	...	...	...	...	...	...	...	...
L	KR	1994	S Pacific	192	5x5	MON	497	2,261	...	...	...	...	...	...	...	...
L	KR	1995	S Pacific	288	5x5	MON	627	2,856	...	...	...	...	...	...	...	...
L	KR	1996	S Pacific	254	5x5	MON	554	1,712	...	...	...	...	...	...	...	...
L	KR	1997	S Pacific	454	5x5	MON	543	1,943	...	...	...	...	...	...	...	...
L	KR	2000	S Pacific	262	5x5	MON	492	2,178	...	...	...	...	...	...	...	...
L	KR	2003	S Pacific	160	5x5	MON	683	1,170	...	...	...	...	...	...	...	...
L	KR	2004	S Pacific	199	5x5	MON	547	1,360	...	...	...	...	...	...	...	...
L	KR	2008	S Pacific	82	5x5	MON	371	1,030	...	...	...	...	...	...	...	...
L	KR	2009	S Pacific	98	5x5	MON	311	840	...	...	...	...	...	...	...	...
L	KR	2010	S Pacific	93	5x5	MON	422	715	...	...	...	...	...	...	...	...
L	MH	1992	S Pacific	...	5x5	MON	4	5	...	...	...	...	...	...	...	...
L	MH	1993	S Pacific	...	5x5	MON	9	13	...	...	...	...	...	...	...	...
L	MH	2008	S Pacific	...	5x5	MON	3	16	...	...	...	...	...	...	...	...
L	MH	2010	S Pacific	...	5x5	MON	9	13	...	...	...	...	...	...	...	...
L	MH	2011	S Pacific	...	5x5	MON	5	5	...	...	...	...	...	...	...	...
L	MH	2016	S Pacific	...	5x5	MON	3	5	...	...	...	...	...	...	...	...
L	MH	2017	S Pacific	...	5x5	MON	19	75	...	...	...	...	...	...	...	...
L	MH	2018	S Pacific	...	5x5	MON	19	66	...	...	...	...	...	...	...	...
L	NC	1983	S Pacific	21	5x5	MON	6	41	...	...	...	...	...	...	...	...
L	NC	1984	S Pacific	23	5x5	MON	15	101	...	...	...	...	...	...	...	...
L	NC	1985	S Pacific	71	5x5	MON	32	208	...	...	...	...	...	...	...	...
L	NC	1986	S Pacific	85	5x5	MON	24	236	...	...	...	...	...	...	...	...
L	NC	1987	S Pacific	100	5x5	MON	43	376	...	...	...	...	...	...	...	...
L	NC	1988	S Pacific	63	5x5	MON	23	142	...	...	...	...	...	...	...	...
L	NC	1989	S Pacific	123	5x5	MON	39	253	...	...	...	...	...	...	...	...
L	NC	1990	S Pacific	168	5x5	MON	42	382	...	...	...	...	...	...	...	...
L	NC	1991	S Pacific	75	5x5	MON	31	116	...	...	...	...	...	...	...	...
L	NC	1992	S Pacific	71	5x5	MON	32	174	...	...	...	...	...	...	...	...
L	NU	2005	S Pacific	3	5x5	MON	13	40	...	...	...	...	...	...	...	...
L	NU	2006	S Pacific	3	5x5	MON	10	35	...	...	...	...	...	...	...	...
L	NU	2007	S Pacific	9	5x5	MON	20	125	...	...	...	...	...	...	...	...
L	NU	2008	S Pacific	1	5x5	MON	9	14	...	...	...	...	...	...	...	...
L	NU	2009	S Pacific	4	5x5	MON	5	13	...	...	...	...	...	...	...	...
L	NU	2010	S Pacific	...	5x5	MON	4	5	...	...	...	...	...	...	...	...
L	NZ	1990	S Pacific	5	5x5	MON	1	1	...	...	...	...	...	...	...	...
L	NZ	1991	S Pacific	...	5x5	MON	1	1	...	...	...	...	...	...	...	...
L	NZ	1993	S Pacific	...	5x5	MON	3	5	...	...	...	...	...	...	...	...
L	NZ	1994	S Pacific	...	5x5	MON	8	39	...	...	...	...	...	...	...	...
L	NZ	1996	S Pacific	...	5x5	MON	20	174	...	...	...	...	...	...	...	...
L	NZ	1999	S Pacific	...	5x5	MON	43	597	...	...	...	...	...	...	...	...
L	NZ	2000	S Pacific	...	5x5	MON	41	344	...	...	...	...	...	...	...	...
L	NZ	2004	S Pacific	...	5x5	MON	28	198	...	...	...	...	...	...	...	...
L	NZ	2006	S Pacific	3	5x5	MON	17	114	...	...	...	...	...	...	...	...
L	NZ	2008	S Pacific	1	5x5	MON	20	119	...	...	...	...	...	...	...	...
L	NZ	2010	S Pacific	...	5x5	MON	17	129	...	...	...	...	...	...	...	...
L	NZ	2012	S Pacific	...	5x5	MON	23	168	...	...	...	...	...	...	...	...
L	NZ	2013	S Pacific	...	5x5	MON	30	145	...	...	...	...	...	...	...	...
L	NZ	2014	S Pacific	...	5x5	MON	22	148	...	...	...	...	...	...	...	...
L	NZ	2015	S Pacific	...	5x5	MON	23	207	...	...	...	...	...	...	...	...
L	NZ	2016	S Pacific	...	5x5	MON	31	356	...	...	...	...	...	...	...	...
L	NZ	2017	S Pacific	...	5x5	MON	32	164	...	...	...	...	...	...	...	...
L	NZ	2018	S Pacific	...	5x5	MON	26	135	...	...	...	...	...	...	...	...
L	NZ	2019	S Pacific	...	5x5	MON	15	64	...	...	...	...	...	...	...	...
L	NZ	2020	S Pacific	8	5x5	MON	19	51	...	...	...	...	...	...	...	...
L	NZ	2021	S Pacific	17	5x5	MON	15	116	...	...	...	...	...	...	...	...
L	NZ	2022	S Pacific	8	5x5	MON	13	62	...	...	...	...	...	...	...	...
L	PA	2022	S Pacific	...	5x5	MON	74	...	...	...	...	...	...	...	...	...
L	PF	1992	S Pacific	25	5x5	MON	35	172	...	...	...	...	...	...	...	...
L	PF	1993	S Pacific	68	5x5	MON	2	2	...	...	...	...	...	...	...	...

(continued)

Gear	Flag	Year	Region	Aggregate Data				Operational Data				Length Data				
				Annual Catch Estimate	Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples
L	PF	1994	S Pacific	103	5x5	MON	51	427	...	...	...	...	...	...	...	...
L	PG	1993	S Pacific	...	5x5	MON	1	1	...	...	...	...	...	...	...	...
L	PG	1995	S Pacific	2	5x5	MON	7	10	...	...	...	...	...	...	...	...
L	PG	1997	S Pacific	...	5x5	MON	4	7	...	...	...	...	...	...	...	...
L	PG	1998	S Pacific	3	5x5	MON	12	21	...	...	...	...	...	...	...	...
L	PG	2009	S Pacific	17	5x5	MON	27	94	...	...	...	...	...	...	...	...
L	PG	2017	S Pacific	11	5x5	MON	40	206	...	...	...	...	...	...	...	...
L	PG	2018	S Pacific	5	5x5	MON	31	56	...	...	...	...	...	...	...	...
L	PG	2019	S Pacific	30	5x5	MON	7	20	...	...	...	...	...	...	...	...
L	PG	2020	S Pacific	5	5x5	MON	5	37	...	...	...	...	...	...	...	...
L	PG	2022	S Pacific	3	5x5	MON	20	57	...	...	...	...	...	...	...	...
L	PH	1970	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1971	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1972	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1973	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1974	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1975	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1976	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1977	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1978	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1979	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1980	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1981	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1982	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1983	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1984	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1985	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1986	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1987	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1988	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1989	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1990	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1991	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1992	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1993	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1994	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1995	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1996	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1997	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1998	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	1999	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	2000	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	2001	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	2002	S Pacific	...	5x5	MON	49	9	...	...	...	...	...	...	...	...
L	PH	2003	S Pacific	...	5x5	MON	51	5	...	...	...	...	...	...	...	...
L	PH	2004	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	2005	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	2006	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	2007	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	2008	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	2009	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PH	2010	S Pacific	...	5x5	MON	49	1	...	...	...	...	...	...	...	...
L	PH	2011	S Pacific	...	5x5	MON	60	33	...	...	...	...	...	...	...	...
L	PH	2012	S Pacific	...	5x5	MON	49	2	...	...	...	...	...	...	...	...
L	PH	2013	S Pacific	...	5x5	MON	49	2	...	...	...	...	...	...	...	...
L	PH	2014	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...
L	PW	2017	S Pacific	...	5x5	MON	26	55	...	...	...	...	...	...	...	...
L	PW	2018	S Pacific	...	5x5	MON	32	123	...	...	...	...	...	...	...	...
L	PW	2019	S Pacific	...	5x5	MON	10	11	...	...	...	...	...	...	...	...
L	SB	2010	S Pacific	11	5x5	MON	66	...	...	...	...	...	...	...	...	...
L	SB	2016	S Pacific	1	5x5	MON	3	9	...	...	...	...	...	...	...	...
L	SB	2017	S Pacific	...	5x5	MON	2	6	...	...	...	...	...	...	...	...
L	SB	2020	S Pacific	46	5x5	MON	13	19	...	...	...	...	...	...	...	...
L	SB	2021	S Pacific	3	5x5	MON	19	20	...	...	...	...	...	...	...	...
L	SB	2022	S Pacific	7	5x5	MON	14	25	...	...	...	...	...	...	...	...
L	TO	1982	S Pacific	10	5x5	MON	3	5	...	...	...	...	...	...	...	...
L	TO	1985	S Pacific	11	5x5	MON	8	48	...	...	...	...	...	...	...	...
L	TO	1986	S Pacific	12	5x5	MON	5	34	...	...	...	...	...	...	...	...
L	TO	1990	S Pacific	9	5x5	MON	8	25	...	...	...	...	...	...	...	...
L	TO	1991	S Pacific	9	5x5	MON	8	28	...	...	...	...	...	...	...	...
L	TO	1993	S Pacific	16	5x5	MON	4	7	...	...	...	...	...	...	...	...
L	TO	1994	S Pacific	19	5x5	MON	31	141	...	...	...	...	...	...	...	...
L	TV	2010	S Pacific	...	5x5	MON	10	17	...	...	...	...	...	...	...	...
L	TV	2011	S Pacific	1	5x5	MON	24	41	...	...	...	...	...	...	...	...
L	TV	2012	S Pacific	5	5x5	MON	35	136	...	...	...	...	...	...	...	...
L	TV	2013	S Pacific	...	5x5	MON	8	8	...	...	...	...	...	...	...	...
L	TV	2014	S Pacific	...	5x5	MON	6	7	...	...	...	...	...	...	...	...
L	TV	2020	S Pacific	...	5x5	MON	2	3	...	...	...	...	...	...	...	...
L	TV	2021	S Pacific	1	5x5	MON	4	8	...	...	...	...	...	...	...	...
L	TW	1958	S Pacific	...	5x5	MON	89	...	...	...	...	...	...	...	...	...
L	TW	1959	S Pacific	...	5x5	MON	89	...	...	...	...	...	...	...	...	...
L	TW	1960	S Pacific	...	5x5	MON	89	...	...	...	...	...	...	...	...	...
L	TW	1961	S Pacific	...	5x5	MON	89	...	...	...	...	...	...	...	...	...
L	TW	1962	S Pacific	...	5x5	MON	89	...	...	...	...	...	...	...	...	...
L	TW	1963	S Pacific	...	5x5	MON	89	...	...	...	...	...	...	...	...	...
L	TW	1964	S Pacific	3	5x5	MON	89	30	...	...	...	...	...	...	...	...
L	TW	1965	S Pacific	4	5x5	MON	89	44	...	...	...	...	...	...	...	...
L	TW	1966	S Pacific	86	5x5	MON	89	713	...	...	...	...	...	...	...	...

(continued)

Gear	Flag	Year	Region	Aggregate Data				Operational Data				Length Data				
				Annual Catch Estimate	Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples
L	TW	1967	S Pacific	191	5x5	MON	217	1,388	...	...	...	...	...	...	...	...
L	TW	1968	S Pacific	229	5x5	MON	268	1,084	...	...	...	...	...	...	...	...
L	TW	1969	S Pacific	106	5x5	MON	164	622	...	...	...	...	...	...	...	...
L	TW	1970	S Pacific	261	5x5	MON	291	1,229	...	...	...	...	...	...	...	...
L	TW	1971	S Pacific	298	5x5	MON	354	1,282	...	...	...	...	...	...	...	...
L	TW	1972	S Pacific	449	5x5	MON	371	1,250	...	...	...	...	...	...	...	...
L	TW	1973	S Pacific	482	5x5	MON	295	1,471	...	...	...	...	...	...	...	...
L	TW	1974	S Pacific	314	5x5	MON	237	1,076	...	...	...	...	...	...	...	...
L	TW	1975	S Pacific	356	5x5	MON	315	694	...	...	...	...	...	...	...	...
L	TW	1976	S Pacific	336	5x5	MON	202	528	...	...	...	...	...	...	...	...
L	TW	1977	S Pacific	416	5x5	MON	323	839	...	...	...	...	...	...	...	...
L	TW	1978	S Pacific	210	5x5	MON	328	572	...	...	...	...	...	...	...	...
L	TW	1979	S Pacific	266	5x5	MON	397	346	...	...	...	...	...	...	...	...
L	TW	1980	S Pacific	283	5x5	MON	499	412	...	...	...	...	...	...	...	...
L	TW	1981	S Pacific	227	5x5	MON	502	434	...	...	...	...	...	...	...	...
L	TW	1982	S Pacific	170	5x5	MON	343	608	...	...	...	...	...	...	...	...
L	TW	1983	S Pacific	111	5x5	MON	242	207	...	...	...	...	...	...	...	...
L	TW	1984	S Pacific	193	5x5	MON	280	724	...	...	...	...	...	...	...	...
L	TW	1985	S Pacific	89	5x5	MON	216	543	...	...	...	...	...	...	...	...
L	TW	1986	S Pacific	61	5x5	MON	154	602	...	...	...	...	...	...	...	...
L	TW	1987	S Pacific	46	5x5	MON	223	598	...	...	...	...	...	...	...	...
L	TW	1988	S Pacific	83	5x5	MON	212	989	...	...	...	...	...	...	...	...
L	TW	1989	S Pacific	231	5x5	MON	233	583	...	...	...	...	...	...	...	...
L	TW	1990	S Pacific	122	5x5	MON	160	232	...	...	...	...	...	...	...	...
L	TW	1991	S Pacific	201	5x5	MON	169	421	...	...	...	...	...	...	...	...
L	TW	1992	S Pacific	220	5x5	MON	164	679	...	...	...	...	...	...	...	...
L	TW	1993	S Pacific	233	5x5	MON	273	975	...	...	...	...	...	...	...	...
L	TW	1994	S Pacific	567	5x5	MON	333	497	...	...	...	...	...	...	...	...
L	TW	1995	S Pacific	195	5x5	MON	189	506	...	...	...	...	...	...	...	...
L	TW	1996	S Pacific	149	5x5	MON	279	469	...	...	...	...	...	...	...	...
L	TW	1997	S Pacific	221	5x5	MON	297	469	...	...	...	...	...	...	...	...
L	TW	2005	S Pacific	613	5x5	MON	931	801	...	...	...	...	...	...	...	...
L	US-AS	1996	S Pacific	...	5x5	MON	6	14	...	...	...	...	...	...	...	...
L	US-AS	1997	S Pacific	...	5x5	MON	6	12	...	...	...	...	...	...	...	...
L	US-AS	1998	S Pacific	1	5x5	MON	8	24	...	...	...	...	...	...	...	...
L	US-AS	1999	S Pacific	2	5x5	MON	8	81	...	...	...	...	...	...	...	...
L	US-AS	2000	S Pacific	...	5x5	MON	14	188	...	...	...	...	...	...	...	...
L	US-AS	2001	S Pacific	...	5x5	MON	28	277	...	...	...	...	...	...	...	...
L	US-AS	2003	S Pacific	...	5x5	MON	41	223	...	...	...	...	...	...	...	...
L	US-AS	2004	S Pacific	...	5x5	MON	36	168	...	...	...	...	...	...	...	...
L	US-AS	2005	S Pacific	3	5x5	MON	35	30	...	...	...	...	...	...	...	...
L	US-AS	2006	S Pacific	4	5x5	MON	44	...	...	...	...	...	...	...	...	...
L	US-AS	2007	S Pacific	1	5x5	MON	35	347	...	...	...	...	...	...	...	...
L	US-AS	2008	S Pacific	1	5x5	MON	34	238	...	...	...	...	...	...	...	...
L	US-AS	2009	S Pacific	4	5x5	MON	48	263	...	...	...	...	...	...	...	...
L	US-AS	2010	S Pacific	2	5x5	MON	66	276	...	...	...	...	...	...	...	...
L	US-AS	2011	S Pacific	3	5x5	MON	89	243	...	...	...	...	...	...	...	...
L	US-AS	2012	S Pacific	61	5x5	MON	107	289	...	...	...	...	...	...	...	...
L	US-AS	2013	S Pacific	27	5x5	MON	63	192	...	...	...	...	...	...	...	...
L	US-AS	2018	S Pacific	45	5x5	MON	78	45	...	...	...	...	...	...	...	...
L	US-AS	2019	S Pacific	2	5x5	MON	91	54	...	...	...	...	...	...	...	...
L	US-AS	2020	S Pacific	2	5x5	MON	91	46	...	...	...	...	...	...	...	...
L	US-AS	2021	S Pacific	3	5x5	MON	81	106	...	...	...	...	...	...	...	...
L	US-AS	2022	S Pacific	2	5x5	MON	82	53	...	...	...	...	...	...	...	...
L	US-GU	1995	S Pacific	...	5x5	MON	4	14	...	...	...	...	...	...	...	...
L	US-HW	1990	S Pacific	...	5x5	MON	12	...	...	...	...	...	...	...	...	...
L	US-HW	1991	S Pacific	...	5x5	MON	148	...	...	...	...	...	...	...	...	...
L	US-HW	1992	S Pacific	...	5x5	MON	171	...	...	...	...	...	...	...	...	...
L	US-HW	1993	S Pacific	...	5x5	MON	185	...	...	...	...	...	...	...	...	...
L	US-HW	1994	S Pacific	...	5x5	MON	174	...	...	...	...	...	...	...	...	...
L	US-HW	1995	S Pacific	...	5x5	MON	178	...	...	...	...	...	...	...	...	...
L	US-HW	1996	S Pacific	...	5x5	MON	169	...	...	...	...	...	...	...	...	...
L	US-HW	1997	S Pacific	...	5x5	MON	160	...	...	...	...	...	...	...	...	...
L	US-HW	1998	S Pacific	...	5x5	MON	192	...	...	...	...	...	...	...	...	...
L	US-HW	1999	S Pacific	...	5x5	MON	192	...	...	...	...	...	...	...	...	...
L	US-HW	2000	S Pacific	...	5x5	MON	179	...	...	...	...	...	...	...	...	...
L	US-HW	2001	S Pacific	...	5x5	MON	170	...	...	...	...	...	...	...	...	...
L	US-HW	2002	S Pacific	...	5x5	MON	156	...	...	...	...	...	...	...	...	...
L	US-HW	2003	S Pacific	...	5x5	MON	142	...	...	...	...	...	...	...	...	...
L	US-HW	2004	S Pacific	...	5x5	MON	173	...	...	...	...	...	...	...	...	...
L	US-HW	2005	S Pacific	...	5x5	MON	172	...	...	...	...	...	...	...	...	...
L	US-HW	2006	S Pacific	...	5x5	MON	188	...	...	...	...	...	...	...	...	...
L	US-HW	2007	S Pacific	...	5x5	MON	217	4,479	...	...	...	...	...	...	...	...
L	US-HW	2008	S Pacific	...	5x5	MON	199	6,728	...	...	...	...	...	...	...	...
L	US-HW	2009	S Pacific	...	5x5	MON	239	4,509	...	...	...	...	...	...	...	...
L	US-HW	2010	S Pacific	...	5x5	MON	199	2,433	...	...	...	...	...	...	...	...
L	US-HW	2011	S Pacific	...	5x5	MON	185	6,786	...	...	...	...	...	...	...	...
L	US-HW	2012	S Pacific	...	5x5	MON	192	5,382	...	...	...	...	...	...	...	...
L	US-HW	2013	S Pacific	...	5x5	MON	206	5,484	...	...	...	...	...	...	...	...
L	US-HW	2014	S Pacific	...	5x5	MON	219	6,149	...	...	...	...	...	...	...	...
L	US-HW	2015	S Pacific	...	5x5	MON	189	5,598	...	...	...	...	...	...	...	...
L	US-HW	2016	S Pacific	...	5x5	MON	196	5,621	...	...	...	...	...	...	...	...
L	US-HW	2017	S Pacific	...	5x5	MON	199	5,532	...	...	...	...	...	...	...	...
L	US-HW	2018	S Pacific	...	5x5	MON	225	6,206	...	...	...	...	...	...	...	...
L	US-HW	2019	S Pacific	...	5x5	MON	256	7,277	...	...	...	...	...	...	...	...
L	US-HW	2020	S Pacific	...	5x5	MON	205	5,680	...	...	...	...	...	...	...	...
L	US-HW	2021	S Pacific	...	5x5	MON	209	5,217	...	...	...	...	...	...	...	...
L	US-HW	2022	S Pacific	...	5x5	MON	218	5,735	...	...	...	...	...	...	...	...
L	US-MC	1997	S Pacific	...	5x5	MON	2	8	...	...	...	...	...	...	...	...
L	US-MC	1998	S Pacific	...	5x5	MON	4	10	...	...	...	...	...	...	...	...

(continued)

Gear	Flag	Year	Region	Aggregate Data				Operational Data				Length Data					
				Annual Catch Estimate	Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples	
L	VN	2014	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...	...
L	VN	2015	S Pacific	...	5x5	MON	48	...	...	...	...	...	...	...	...	...	...
L	VU	1995	S Pacific	2	5x5	MON	10	19	...	...	...	...	...	...	...	...	...
L	VU	1996	S Pacific	5	5x5	MON	26	52	...	...	...	...	...	...	...	...	...
L	VU	1997	S Pacific	1	5x5	MON	11	12	...	...	...	...	...	...	...	...	...
L	VU	1998	S Pacific	...	5x5	MON	3	12	...	...	...	...	...	...	...	...	...
L	VU	2000	S Pacific	5	5x5	MON	11	68	...	...	...	...	...	...	...	...	...
L	VU	2001	S Pacific	4	5x5	MON	28	69	...	...	...	...	...	...	...	...	...
L	VU	2006	S Pacific	93	5x5	MON	385	2,048	...	...	...	...	...	...	...	...	...
L	VU	2007	S Pacific	104	5x5	MON	340	1,935	...	...	...	...	...	...	...	...	...
L	VU	2020	S Pacific	114	5x5	MON	364	2,733	...	...	...	...	...	...	...	...	...
L	VU	2021	S Pacific	190	5x5	MON	408	3,081	...	...	...	...	...	...	...	...	...
L	VU	2022	S Pacific	59	5x5	MON	310	1,408	...	...	...	...	...	...	...	...	...
L	WS	1993	S Pacific	3	5x5	MON	5	26	...	...	...	...	...	...	...	...	...
L	WS	1994	S Pacific	7	5x5	MON	3	5	...	...	...	...	...	...	...	...	...
L	WS	1998	S Pacific	41	5x5	MON	16	29	...	...	...	...	...	...	...	...	...
L	WS	1999	S Pacific	59	5x5	MON	12	19	...	...	...	...	...	...	...	...	...
L	WS	2001	S Pacific	22	5x5	MON	2	2	...	...	...	...	...	...	...	...	...
L	WS	2002	S Pacific	5	5x5	MON	1	1	...	...	...	...	...	...	...	...	...
L	WS	2005	S Pacific	4	5x5	MON	1	1	...	...	...	...	...	...	...	...	...
L	WS	2007	S Pacific	21	5x5	MON	2	3	...	...	...	...	...	...	...	...	...
L	WS	2008	S Pacific	7	5x5	MON	1	1	...	...	...	...	...	...	...	...	...
L	WS	2009	S Pacific	7	5x5	MON	2	2	...	...	...	...	...	...	...	...	...
L	WS	2011	S Pacific	4	5x5	MON	11	27	...	...	...	...	...	...	...	...	...
L	WS	2012	S Pacific	3	5x5	MON	20	106	...	...	...	...	...	...	...	...	...
L	WS	2015	S Pacific	4	5x5	MON	17	103	...	...	...	...	...	...	...	...	...
L	WS	2021	S Pacific	3	5x5	MON	13	38	...	...	...	...	...	...	...	...	...
L	WS	2022	S Pacific	5	5x5	MON	13	24	...	...	...	...	...	...	...	...	...
L	ES	2010	S Pacific	1	...	...	...	...	...	...	...	...	...	...	...	...	...
L	ES	2011	S Pacific	1	...	...	...	...	...	...	...	...	...	...	...	...	...
L	FJ	1990	S Pacific	1	...	...	...	...	...	...	...	...	...	...	...	...	...
L	PF	1990	S Pacific	2	...	...	...	...	...	...	...	...	...	...	...	...	...
L	PF	1991	S Pacific	7	...	...	...	...	...	...	...	...	...	...	...	...	...
L	PG	1994	S Pacific	1	...	...	...	...	...	...	...	...	...	...	...	...	...
L	SB	1980	S Pacific	1	...	...	...	...	...	...	...	...	...	...	...	...	...
L	SB	1995	S Pacific	1	...	...	...	3	...	...	...	...	...	...	...	...	...
L	SB	1996	S Pacific	4	...	...	...	18	...	...	...	...	...	...	...	...	...
L	TO	1983	S Pacific	10	...	...	...	...	...	...	...	...	...	...	...	...	...
L	TO	1984	S Pacific	10	...	...	...	...	...	...	...	...	...	...	...	...	...
L	TO	1987	S Pacific	14	...	...	...	...	...	...	...	...	...	...	...	...	...
L	TO	1988	S Pacific	13	...	...	...	...	...	...	...	...	...	...	...	...	...
L	TO	1989	S Pacific	11	...	...	...	...	...	...	...	...	...	...	...	...	...
L	TO	1992	S Pacific	11	...	...	...	...	...	...	...	...	...	...	...	...	...
L	WF	2011	S Pacific	1	...	...	...	...	...	...	...	...	...	...	...	...	...
L	WS	1995	S Pacific	21	...	...	...	...	...	...	...	...	...	...	...	...	...
L	WS	1996	S Pacific	21	...	...	...	...	...	...	...	...	...	...	...	...	...
L	WS	1997	S Pacific	49	...	...	...	...	...	...	...	...	...	...	...	...	...
L	WS	2003	S Pacific	24	...	...	...	...	...	...	...	...	...	...	...	...	...
L	BZ	2008	S Pacific	...	...	...	...	2	...	...	...	...	...	...	...	...	...
L	KR	1963	S Pacific	...	...	...	...	282	...	...	...	...	...	...	...	...	...
L	KR	1964	S Pacific	...	...	...	...	200	...	...	...	...	...	...	...	...	...
L	KR	1965	S Pacific	...	...	...	...	494	...	...	...	...	...	...	...	...	...
L	KR	1966	S Pacific	...	...	...	...	831	...	...	...	...	...	...	...	...	...
L	KR	1967	S Pacific	...	...	...	...	1,561	...	...	...	...	...	...	...	...	...
L	KR	1968	S Pacific	...	...	...	...	1,289	...	...	...	...	...	...	...	...	...
L	KR	1969	S Pacific	...	...	...	...	2,019	...	...	...	...	...	...	...	...	...
L	KR	1970	S Pacific	...	...	...	...	2,269	...	...	...	...	...	...	...	...	...
L	KR	1971	S Pacific	...	...	...	...	2,541	...	...	...	...	...	...	...	...	...
L	KR	1972	S Pacific	...	...	...	...	2,785	...	...	...	...	...	...	...	...	...
L	KR	1973	S Pacific	...	...	...	...	3,449	...	...	...	...	...	...	...	...	...
L	KR	1974	S Pacific	...	...	...	...	3,131	...	...	...	...	...	...	...	...	...
L	MH	2021	S Pacific	...	...	...	...	1	...	...	...	...	...	...	...	...	...
L	PA	1981	S Pacific	...	...	...	...	15	...	...	...	...	...	...	...	...	...
L	PA	1982	S Pacific	...	...	...	...	20	...	...	...	...	...	...	...	...	...
L	PA	1983	S Pacific	...	...	...	...	14	...	...	...	...	...	...	...	...	...
L	PA	1984	S Pacific	...	...	...	...	41	...	...	...	...	...	...	...	...	...
L	PA	1985	S Pacific	...	...	...	...	32	...	...	...	...	...	...	...	...	...
L	SB	1981	S Pacific	...	...	...	...	10	...	...	...	...	...	...	...	...	...
L	SB	1982	S Pacific	...	...	...	...	12	...	...	...	...	...	...	...	...	...
L	SB	1983	S Pacific	...	...	...	...	20	...	...	...	...	...	...	...	...	...
L	SB	1984	S Pacific	...	...	...	...	15	...	...	...	...	...	...	...	...	...
L	SB	1985	S Pacific	...	...	...	...	7	...	...	...	...	...	...	...	...	...
L	SB	2006	S Pacific	...	...	...	...	1	...	...	...	...	...	...	...	...	...
L	SB	2007	S Pacific	...	...	...	...	1	...	...	...	...	...	...	...	...	...
L	TO	1979	S Pacific	...	...	...	...	18	...	...	...	...	...	...	...	...	...
L	VU	1999	S Pacific	...	...	...	...	5	...	...	...	...	...	...	...	...	...