

Detail: S - SKJ

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
S	CK	2019	WCPFC	1,715	1x1	MON	32	60	5x5	MON	1	1,867	...	...	...	...
S	CK	2020	WCPFC	256	1x1	MON	12	14	5x5	MON	1	190	...	...	...	...
S	CK	2023	WCPFC	2,366	1x1	MON	35	41	5x5	MON	1	616	...	...	...	...
S	CN	2002	WCPFC	6,876	1x1	MON	154	221	5x5	MON	1	2,739	...	...	...	...
S	CN	2003	WCPFC	18,025	1x1	MON	387	291	10x20	MON	1	89	...	...	...	...
S	CN	2004	WCPFC	15,232	1x1	MON	259	333	10x20	MON	1	112	...	...	...	...
S	CN	2005	WCPFC	34,930	1x1	MON	647	803	5x5	MON	1	3,274	10x20	MON	1	102
S	CN	2006	WCPFC	39,993	1x1	MON	339	613	10x20	MON	1	1,816	5x5	MON	1	1,567
S	CN	2007	WCPFC	40,878	1x1	MON	622	907	5x5	MON	1	3,120	10x20	MON	1	596
S	CN	2008	WCPFC	36,782	1x1	MON	355	613	10x20	MON	1	1,176	5x5	MON	1	840
S	CN	2009	WCPFC	58,074	1x1	MON	734	1,570	5x5	MON	1	2,658	10x20	MON	1	300
S	CN	2010	WCPFC	38,425	1x1	MON	571	1,123	5x5	MON	1	29,345	10x20	MON	1	142
S	CN	2011	WCPFC	57,953	1x1	MON	710	1,378	5x5	MON	1	33,712	10x20	MON	1	666
S	CN	2012	WCPFC	38,246	1x1	MON	637	1,103	5x5	MON	1	32,199	10x20	MON	1	2,050
S	CN	2013	WCPFC	65,255	1x1	MON	806	2,042	5x5	MON	1	60,013	10x20	MON	1	1,899
S	CN	2014	WCPFC	59,149	1x1	MON	890	2,313	5x5	MON	1	48,333	10x20	MON	1	966
S	CN	2015	WCPFC	31,306	1x1	MON	548	1,055	5x5	MON	1	15,594	10x20	MON	1	817
S	CN	2016	WCPFC	9,070	1x1	MON	648	312	5x5	MON	1	8,899	...	...	...	...
S	CN	2017	WCPFC	11,066	1x1	MON	100	146	5x5	MON	1	2,712	...	...	...	...
S	CN	2018	WCPFC	12,129	1x1	MON	186	374	5x5	MON	1	11,696	...	...	...	...
S	CN	2019	WCPFC	...	1x1	MON	9	22	5x5	MON	1	1,040	...	...	...	...
S	CN	2023	WCPFC	11,729	1x1	MON	199	272	5x5	MON	1	814	...	...	...	...
S	EC	2009	WCPFC	5,243	1x1	MON	111	409	10x20	MON	1	1,675	...	...	...	...
S	EC	2010	WCPFC	6,002	1x1	MON	165	469	5x5	MON	1	8,601	10x20	MON	1	833
S	EC	2011	WCPFC	16,913	1x1	MON	310	590	10x20	MON	1	13,183	5x5	MON	1	12,219
S	EC	2012	WCPFC	14,523	1x1	MON	285	559	5x5	MON	1	5,862	10x20	MON	1	1,537
S	EC	2013	WCPFC	15,257	1x1	MON	239	666	5x5	MON	1	17,933	10x20	MON	1	6,937
S	EC	2014	WCPFC	15,067	1x1	MON	279	704	5x5	MON	1	13,318	...	...	...	...
S	EC	2015	WCPFC	7,937	1x1	MON	86	386	5x5	MON	1	6,027	...	...	...	...
S	EC	2016	WCPFC	2,605	1x1	MON	24	66	5x5	MON	1	1,444	...	...	...	...
S	EC	2017	WCPFC	8,547	1x1	MON	162	374	5x5	MON	1	7,043	...	...	...	...
S	EC	2018	WCPFC	16,304	1x1	MON	179	530	5x5	MON	1	12,822	...	...	...	...
S	EC	2019	WCPFC	18,559	1x1	MON	159	482	5x5	MON	1	13,760	...	...	...	...
S	EC	2020	WCPFC	9,184	1x1	MON	154	435	5x5	MON	1	9,389	...	...	...	...
S	EC	2022	WCPFC	11,888	1x1	MON	371	499	5x5	MON	1	194	...	...	...	...
S	EC	2023	WCPFC	10,999	1x1	MON	320	418	5x5	MON	1	5,626	...	...	...	...
S	ES	2008	WCPFC	22,656	1x1	MON	319	377	5x5	MON	1	2,882	...	...	...	...
S	ES	2009	WCPFC	17,166	1x1	MON	244	326	10x20	MON	1	3,554	5x5	MON	1	50
S	ES	2010	WCPFC	18,969	1x1	MON	289	446	10x20	MON	1	11,892	5x5	MON	1	11,131
S	ES	2011	WCPFC	24,345	1x1	MON	370	477	10x20	MON	1	14,530	5x5	MON	1	3,521
S	ES	2012	WCPFC	20,428	1x1	MON	387	456	10x20	MON	1	22,063	5x5	MON	1	9,152
S	ES	2013	WCPFC	28,756	1x1	MON	397	557	5x5	MON	1	25,822	10x20	MON	1	5,307
S	ES	2014	WCPFC	28,220	1x1	MON	354	451	5x5	MON	1	26,153	...	...	...	...
S	ES	2015	WCPFC	25,001	1x1	MON	237	340	5x5	MON	1	9,303	...	...	...	...
S	ES	2016	WCPFC	6,136	1x1	MON	62	89	5x5	MON	1	8,225	...	...	...	...
S	ES	2017	WCPFC	7,573	1x1	MON	111	141	5x5	MON	1	7,842	...	...	...	...
S	ES	2018	WCPFC	7,687	1x1	MON	138	183	5x5	MON	1	8,950	...	...	...	...
S	ES	2019	WCPFC	7,805	1x1	MON	106	151	5x5	MON	1	8,648	...	...	...	...
S	ES	2020	WCPFC	7,382	1x1	MON	142	203	5x5	MON	1	1,907	...	...	...	...
S	ES	2021	WCPFC	8,712	1x1	MON	187	293	5x5	MON	1	1,366	...	...	...	...
S	ES	2023	WCPFC	16,924	1x1	MON	166	316	5x5	MON	1	763	...	...	...	...
S	FM	1993	WCPFC	10,688	1x1	MON	299	433	5x5	MON	1	1,003	10x20	MON	1	191
S	FM	1994	WCPFC	13,546	1x1	MON	327	588	5x5	MON	1	1,794	10x20	MON	1	16
S	FM	1995	WCPFC	3,978	1x1	MON	121	194	5x5	MON	1	749	...	...	...	...
S	FM	1996	WCPFC	5,369	1x1	MON	153	252	5x5	MON	1	955	...	...	...	...
S	FM	1998	WCPFC	8,554	1x1	MON	274	303	5x5	MON	1	1,129	...	...	...	...
S	FM	1999	WCPFC	5,947	1x1	MON	167	227	5x5	MON	1	1,421	...	...	...	...
S	FM	2000	WCPFC	13,196	1x1	MON	303	478	5x5	MON	1	2,404	...	...	...	...
S	FM	2001	WCPFC	9,968	1x1	MON	289	368	5x5	MON	1	2,078	10x20	MON	1	325
S	FM	2002	WCPFC	12,726	1x1	MON	361	503	5x5	MON	1	3,349	10x20	MON	1	1,131
S	FM	2003	WCPFC	20,003	1x1	MON	440	622	5x5	MON	1	2,722	...	...	...	...
S	FM	2004	WCPFC	19,597	1x1	MON	511	810	5x5	MON	1	7,366	10x20	MON	1	1,129
S	FM	2005	WCPFC	20,347	1x1	MON	478	731	5x5	MON	1	2,810	10x20	MON	1	150
S	FM	2006	WCPFC	7,879	1x1	MON	219	370	5x5	MON	1	2,927	10x20	MON	1	200
S	FM	2007	WCPFC	9,791	1x1	MON	246	386	5x5	MON	1	4,325	...	...	...	...
S	FM	2008	WCPFC	13,633	1x1	MON	349	544	5x5	MON	1	7,377	...	...	...	...
S	FM	2009	WCPFC	18,002	1x1	MON	449	810	5x5	MON	1	8,454	10x20	MON	1	1,440
S	FM	2010	WCPFC	19,215	1x1	MON	415	628	5x5	MON	1	25,035	10x20	MON	1	555
S	FM	2011	WCPFC	19,480	1x1	MON	489	799	5x5	MON	1	27,723	10x20	MON	1	952
S	FM	2012	WCPFC	28,428	1x1	MON	611	957	5x5	MON	1	31,732	10x20	MON	1	1,808
S	FM	2013	WCPFC	21,538	1x1	MON	447	742	5x5	MON	1	13,915	10x20	MON	1	3,010
S	FM	2014	WCPFC	29,372	1x1	MON	476	936	5x5	MON	1	30,797	10x20	MON	1	1,994
S	FM	2015	WCPFC	45,192	1x1	MON	644	1,465	5x5	MON	1	66,419	...	...	...	...
S	FM	2016	WCPFC	56,639	1x1	MON	1,011	2,017	5x5	MON	1	72,752	...	...	...	...
S	FM	2017	WCPFC	66,446	1x1	MON	1,093	2,088	5x5	MON	1	81,865	...	...	...	...
S	FM	2018	WCPFC	97,477	1x1	MON	1,382	2,973	5x5	MON	1	107,819	...	...	...	...
S	FM	2019	WCPFC	127,864	1x1	MON	1,251	2,770	5x5	MON	1	105,876	...	...	...	...
S	FM	2020	WCPFC	137,960	1x1	MON	1,601	3,367	5x5	MON	1	39,972	...	...	...	...
S	FM	2022	WCPFC	128,146	1x1	MON	1,482	3,568	5x5	MON	1	4,450	...	...	...	...
S	FM	2023	WCPFC	114,578	1x1	MON	1,436	3,174	5x5	MON	1	112,748	...	...	...	...
S	ID	1986	WCPFC	14,428	1x1	MON	2,539	67	5x10	MON	2	4,731	...	...	...	...
S	ID	1987	WCPFC	25,356	1x1	MON	2,596	115	5x10	MON	1	3,879	...	...	...	...
S	ID	2010	WCPFC	59,098	1x1	MON	4,215	74	5x10	MON	1	59,515	5x5	MON	1	1,662
S	ID	2011	WCPFC	51,139	1x1	MON	4,160	...	5x10	MON	1	88,243	5x5	MON	1	4,771
S	ID	2012	WCPFC	69,058	1x1	MON	4,260	...	5x10	MON	1	42,097	5x5	MON	1	3,730

(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
S	ID	2013	WCPFC	169,398	1x1	MON	4,068	...	5x10	MON	1	80,458	...	...	...	...
S	ID	2014	WCPFC	120,860	1x1	MON	3,859	...	5x10	MON	1	51,798	...	...	...	...
S	ID	2015	WCPFC	42,256	1x1	MON	4,130	...	5x10	MON	1	7,709	...	...	...	...
S	ID	2016	WCPFC	90,458	1x1	MON	4,360	...	5x10	MON	1	17,824	...	...	...	...
S	ID	2017	WCPFC	117,832	1x1	MON	4,716	...	5x10	MON	1	34,392	...	...	...	...
S	ID	2018	WCPFC	67,665	1x1	MON	4,310	...	5x10	MON	1	25,527	...	...	...	...
S	ID	2019	WCPFC	112,693	1x1	MON	4,207	...	5x10	MON	1	45,341	...	...	...	...
S	ID	2020	WCPFC	70,725	1x1	MON	4,196	...	5x10	MON	1	32,268	...	...	...	...
S	ID	2021	WCPFC	111,890	1x1	MON	4,030	...	5x10	MON	1	28,805	...	...	...	...
S	ID	2022	WCPFC	108,308	1x1	MON	3,445	6,763	5x10	MON	1	21,905	...	...	...	...
S	ID	2023	WCPFC	106,571	1x1	MON	3,540	9,301	5x10	MON	1	17,459	...	...	...	...
S	JP	1978	WCPFC	24,194	1x1	MON	1,123	...	5x5	MON	1	3,637	...	...	...	...
S	JP	1990	WCPFC	120,986	1x1	MON	2,597	2,539	5x5	MON	1	115	...	...	...	...
S	JP	1991	WCPFC	144,084	1x1	MON	2,503	2,383	5x5	MON	1	6	...	...	...	...
S	JP	1992	WCPFC	124,375	1x1	MON	2,580	1,777	5x5	MON	2	1,074	5x5	MON	1	9
S	JP	1993	WCPFC	132,556	1x1	MON	2,475	2,062	5x5	MON	2	1,383	5x5	MON	1	1,298
S	JP	1994	WCPFC	145,006	1x1	MON	2,463	2,010	5x5	MON	1	2,052	5x5	MON	2	1,506
S	JP	1995	WCPFC	133,125	1x1	MON	2,136	2,501	5x5	MON	2	19,371	5x5	MON	1	2,770
S	JP	1996	WCPFC	133,684	1x1	MON	2,299	3,258	5x5	MON	2	26,163	5x5	MON	1	1,870
S	JP	1997	WCPFC	153,287	1x1	MON	2,572	2,038	5x5	MON	2	9,652	5x5	MON	1	1,184
S	JP	1998	WCPFC	213,066	1x1	MON	2,547	1,915	5x5	MON	2	15,652	5x5	MON	1	2,036
S	JP	1999	WCPFC	132,517	1x1	MON	3,405	2,123	5x5	MON	2	10,624	5x5	MON	1	1,626
S	JP	2000	WCPFC	144,969	1x1	MON	3,260	2,059	5x5	MON	2	13,036	5x5	MON	1	5,158
S	JP	2001	WCPFC	147,371	1x1	MON	2,664	2,849	5x5	MON	2	19,250	5x5	MON	1	3,510
S	JP	2002	WCPFC	163,289	1x1	MON	2,419	3,157	5x5	MON	2	22,838	5x5	MON	1	2,568
S	JP	2003	WCPFC	169,181	1x1	MON	2,547	3,389	5x5	MON	2	34,738	5x5	MON	1	3,496
S	JP	2004	WCPFC	146,423	1x1	MON	2,949	3,722	5x5	MON	2	17,735	5x5	MON	1	4,381
S	JP	2005	WCPFC	194,496	1x1	MON	2,857	2,214	5x5	MON	2	21,864	5x5	MON	1	4,541
S	JP	2006	WCPFC	192,702	1x1	MON	2,968	2,542	5x5	MON	2	30,650	5x5	MON	1	5,411
S	JP	2007	WCPFC	206,288	1x1	MON	3,032	2,592	5x5	MON	2	21,581	5x5	MON	1	4,640
S	JP	2008	WCPFC	194,515	1x1	MON	3,080	2,529	5x5	MON	2	28,949	5x5	MON	1	4,539
S	JP	2009	WCPFC	174,760	1x1	MON	2,702	1,589	5x5	MON	1	24,405	5x5	MON	2	22,126
S	JP	2010	WCPFC	201,610	1x1	MON	2,296	2,935	5x5	MON	1	117,589	10x20	QTR	1	31,098
S	JP	2011	WCPFC	151,743	1x1	MON	2,663	3,373	5x5	MON	1	88,730	10x20	QTR	1	22,525
S	JP	2012	WCPFC	185,153	1x1	MON	2,781	3,610	5x5	MON	1	156,355	10x20	QTR	1	20,200
S	JP	2013	WCPFC	175,278	1x1	MON	2,588	1,352	5x5	MON	1	148,873	10x20	MON	1	5,442
S	JP	2014	WCPFC	162,535	1x1	MON	2,340	2,229	5x5	MON	1	104,301	10x20	QTR	1	18,465
S	JP	2015	WCPFC	141,724	1x1	MON	2,090	2,464	5x5	MON	1	70,034	...	...	...	...
S	JP	2016	WCPFC	120,061	1x1	MON	2,235	2,915	5x5	MON	1	80,277	...	...	...	...
S	JP	2017	WCPFC	120,588	1x1	MON	2,211	2,754	5x5	MON	1	88,188	...	...	...	...
S	JP	2018	WCPFC	127,773	1x1	MON	1,776	2,622	5x5	MON	1	119,734	...	...	...	...
S	JP	2019	WCPFC	129,601	1x1	MON	1,615	2,959	5x5	MON	1	93,648	...	...	...	...
S	JP	2020	WCPFC	117,597	1x1	MON	1,769	2,840	5x5	MON	1	19,373	...	...	...	...
S	JP	2022	WCPFC	112,050	1x1	MON	1,669	1,310	5x5	MON	1	5,491	...	...	...	...
S	JP	2023	WCPFC	115,449	1x1	MON	1,026	1,147	5x5	MON	1	22,702	...	...	...	...
S	KI	1999	WCPFC	3,817	1x1	MON	105	106	5x5	MON	1	139	...	...	...	...
S	KI	2000	WCPFC	3,435	1x1	MON	94	102	5x5	MON	1	109	...	...	...	...
S	KI	2002	WCPFC	3,784	1x1	MON	85	117	5x5	MON	1	1,008	...	...	...	...
S	KI	2003	WCPFC	3,125	1x1	MON	84	101	5x5	MON	1	1,339	...	...	...	...
S	KI	2004	WCPFC	3,253	1x1	MON	79	120	5x5	MON	1	158	...	...	...	...
S	KI	2006	WCPFC	3,208	1x1	MON	75	97	5x5	MON	1	2,995	...	...	...	...
S	KI	2007	WCPFC	4,153	1x1	MON	84	124	5x5	MON	1	2,214	10x20	MON	1	150
S	KI	2008	WCPFC	4,419	1x1	MON	115	153	5x5	MON	1	1,093	...	...	...	...
S	KI	2009	WCPFC	16,286	1x1	MON	254	385	10x20	MON	1	5,361	5x5	MON	1	3,186
S	KI	2010	WCPFC	18,348	1x1	MON	265	454	5x5	MON	1	15,186	10x20	MON	1	7,877
S	KI	2011	WCPFC	33,662	1x1	MON	423	619	5x5	MON	1	22,978	10x20	MON	1	19,495
S	KI	2012	WCPFC	50,048	1x1	MON	602	991	5x5	MON	1	36,358	10x20	MON	1	20,513
S	KI	2013	WCPFC	58,118	1x1	MON	711	1,211	5x5	MON	1	39,648	10x20	MON	1	16,419
S	KI	2014	WCPFC	82,704	1x1	MON	922	1,521	5x5	MON	1	90,491	10x20	MON	1	5,090
S	KI	2015	WCPFC	117,614	1x1	MON	1,133	2,176	5x5	MON	1	148,421	...	...	...	...
S	KI	2016	WCPFC	132,395	1x1	MON	1,456	2,757	5x5	MON	1	129,762	...	...	...	...
S	KI	2017	WCPFC	122,430	1x1	MON	1,683	3,574	5x5	MON	1	112,725	...	...	...	...
S	KI	2018	WCPFC	153,252	1x1	MON	1,751	4,078	5x5	MON	1	166,962	...	...	...	...
S	KI	2019	WCPFC	194,482	1x1	MON	1,703	4,403	5x5	MON	1	190,003	...	...	...	...
S	KI	2020	WCPFC	161,043	1x1	MON	1,433	3,255	5x5	MON	1	71,168	...	...	...	...
S	KI	2022	WCPFC	156,810	1x1	MON	1,738	4,085	5x5	MON	1	1,262	...	...	...	...
S	KI	2023	WCPFC	179,402	1x1	MON	1,949	4,825	5x5	MON	1	71,791	...	...	...	...
S	KR	1993	WCPFC	70,279	1x1	MON	2,647	1,439	5x5	MON	1	3,393	10x20	MON	1	710
S	KR	1994	WCPFC	129,992	1x1	MON	3,014	2,418	5x5	MON	1	8,103	10x20	MON	1	101
S	KR	1995	WCPFC	123,785	1x1	MON	2,024	2,122	5x5	MON	1	3,061	...	...	...	...
S	KR	1996	WCPFC	114,213	1x1	MON	1,043	2,917	5x5	MON	1	10,106	10x20	MON	1	382
S	KR	1997	WCPFC	107,622	1x1	MON	1,044	2,169	5x5	MON	1	9,234	10x20	MON	1	58
S	KR	1998	WCPFC	136,367	1x1	MON	1,247	2,903	5x5	MON	1	16,001	10x20	MON	1	1,110
S	KR	1999	WCPFC	103,427	1x1	MON	1,393	2,308	5x5	MON	1	5,090	...	...	...	...
S	KR	2000	WCPFC	130,411	1x1	MON	1,096	2,421	5x5	MON	1	6,894	10x20	MON	1	1,609
S	KR	2001	WCPFC	131,782	1x1	MON	1,149	2,424	5x5	MON	1	4,335	10x20	MON	1	3,057
S	KR	2002	WCPFC	168,165	1x1	MON	1,598	3,514	10x20	MON	1	6,484	5x5	MON	1	2,112
S	KR	2003	WCPFC	136,164	1x1	MON	1,141	2,511	5x5	MON	1	3,862	10x20	MON	1	1,717
S	KR	2004	WCPFC	135,882	1x1	MON	1,642	3,639	5x5	MON	1	16,761	10x20	MON	1	3,785
S	KR	2005	WCPFC	155,067	1x1	MON	1,332	3,317	10x20	MON	1	20,079	5x5	MON	1	9,612
S	KR	2006	WCPFC	193,943	1x1	MON	1,742	3,937	10x20	MON	1	56,196	5x5	MON	1	15,379
S	KR	2007	WCPFC	205,564	1x1	MON	1,971	4,086	10x20	MON	1	113,132	5x5	MON	1	14,583
S	KR	2008	WCPFC	179,313	1x1	MON	1,807	3,411	10x20	MON	1	25,733	5x5	MON	1	18,324
S	KR	2009	WCPFC	239,015	1x1	MON	1,845	4,443	10x20	MON	1	210,245	5x5	MON	1	28,439
S	KR	2010	WCPFC	198,381	1x1	MON	1,544	3,601	5x5	MON	1	165,252	10x20	MON	1	69,345
S	KR	2011	WCPFC	153,566	1x1	MON	1,575	3,588	5x5	MON	1	120,872	10x20	MON	1	26,664
S	KR	2012	WCPFC	200,688	1x1	MON	1,501	3,790	5x5	MON	1	145,359	10x20	MON	1	73,904
S	KR	2013	WCPFC	178,880	1x1	MON	1,548	4,385	5x5	MON	1	205,273	10x20	MON	1	46,740
S	KR	2014	WCPFC	215,639	1x1	MON	1,530	3,664	5x5	MON	1	179,850	10x20	MON	1	9,741
S	KR	2015	WCPFC	224,391	1x1	MON	1,475	3,861	5x5	MON	1	231,391	...	...	...	...
S	KR	2016	WCPFC	225,586	1x1	MON	1,591	4,036	5x5	MON	1	190,820	...	...	...	...

(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
S	KR	2017	WCPFC	184,145	1x1	MON	1,931	5,110	5x5	MON	1	174,361	...	...	...	...
S	KR	2018	WCPFC	219,158	1x1	MON	2,017	5,201	5x5	MON	1	213,504	...	...	...	...
S	KR	2019	WCPFC	274,049	1x1	MON	1,646	4,831	5x5	MON	1	249,542	...	...	...	...
S	KR	2020	WCPFC	201,822	1x1	MON	1,575	4,060	5x5	MON	1	93,225	...	...	...	...
S	KR	2022	WCPFC	183,602	1x1	MON	1,294	3,657	5x5	MON	1	1,846	...	...	...	...
S	KR	2023	WCPFC	182,906	1x1	MON	1,164	3,616	5x5	MON	1	21,827	...	...	...	...
S	MH	2001	WCPFC	27,331	1x1	MON	542	543	5x5	MON	1	624	...	...	...	...
S	MH	2002	WCPFC	30,283	1x1	MON	407	648	5x5	MON	1	952	...	...	...	...
S	MH	2003	WCPFC	27,712	1x1	MON	539	810	5x5	MON	1	5,464	10x20	MON	1	4,006
S	MH	2004	WCPFC	32,683	1x1	MON	622	1,001	5x5	MON	1	7,697	10x20	MON	1	2,895
S	MH	2005	WCPFC	39,727	1x1	MON	549	881	5x5	MON	1	11,958	10x20	MON	1	2,589
S	MH	2006	WCPFC	32,261	1x1	MON	474	938	5x5	MON	1	18,784	10x20	MON	1	2,992
S	MH	2007	WCPFC	48,153	1x1	MON	548	1,009	5x5	MON	1	28,799	10x20	MON	1	4,594
S	MH	2008	WCPFC	24,366	1x1	MON	447	613	5x5	MON	1	12,809	10x20	MON	1	6,607
S	MH	2009	WCPFC	34,081	1x1	MON	495	866	5x5	MON	1	10,840	10x20	MON	1	7,579
S	MH	2010	WCPFC	41,800	1x1	MON	638	1,260	5x5	MON	1	31,657	...	...	...	...
S	MH	2011	WCPFC	67,098	1x1	MON	816	1,524	5x5	MON	1	42,365	...	...	...	...
S	MH	2012	WCPFC	57,314	1x1	MON	896	2,080	5x5	MON	1	44,144	10x20	MON	1	4,598
S	MH	2013	WCPFC	60,608	1x1	MON	807	2,157	5x5	MON	1	62,243	10x20	MON	1	429
S	MH	2014	WCPFC	62,247	1x1	MON	758	2,045	5x5	MON	1	81,472	10x20	MON	1	1,406
S	MH	2015	WCPFC	77,536	1x1	MON	691	2,692	5x5	MON	1	87,953	10x20	MON	1	677
S	MH	2016	WCPFC	50,006	1x1	MON	630	1,602	5x5	MON	1	58,239	...	...	...	...
S	MH	2017	WCPFC	48,353	1x1	MON	819	1,695	5x5	MON	1	52,957	...	...	...	...
S	MH	2018	WCPFC	60,310	1x1	MON	837	1,879	5x5	MON	1	64,585	...	...	...	...
S	MH	2019	WCPFC	76,777	1x1	MON	812	1,967	5x5	MON	1	80,637	...	...	...	...
S	MH	2020	WCPFC	69,045	1x1	MON	703	1,548	5x5	MON	1	17,846	...	...	...	...
S	MH	2022	WCPFC	71,321	1x1	MON	1,014	1,845	5x5	MON	1	2,895	...	...	...	...
S	MH	2023	WCPFC	54,881	1x1	MON	965	1,524	5x5	MON	1	48,740	...	...	...	...
S	NR	2018	WCPFC	6,649	1x1	MON	72	151	5x5	MON	1	4,432	...	...	...	...
S	NR	2019	WCPFC	29,999	1x1	MON	341	654	5x5	MON	1	29,564	...	...	...	...
S	NR	2020	WCPFC	70,893	1x1	MON	1,006	1,916	5x5	MON	1	26,676	...	...	...	...
S	NR	2022	WCPFC	83,148	1x1	MON	1,021	2,394	5x5	MON	1	1,728	...	...	...	...
S	NR	2023	WCPFC	81,333	1x1	MON	896	1,972	5x5	MON	1	42,616	...	...	...	...
S	NZ	1978	WCPFC	...	...	...	...	...	5x5	MON	1	7,363	...	...	...	...
S	NZ	1979	WCPFC	...	...	...	...	...	5x5	MON	1	28,499	...	...	...	...
S	NZ	1980	WCPFC	...	...	...	...	...	5x5	MON	1	76,824	...	...	...	...
S	NZ	1981	WCPFC	...	...	...	...	...	5x5	MON	1	25,898	...	...	...	...
S	NZ	2001	WCPFC	9,050	1x1	MON	138	302	10x20	MON	1	679	...	...	...	...
S	NZ	2003	WCPFC	16,488	1x1	MON	379	697	10x20	MON	1	1,318	...	...	...	...
S	NZ	2004	WCPFC	22,710	1x1	MON	281	783	5x5	MON	1	877	...	...	...	...
S	NZ	2005	WCPFC	20,644	1x1	MON	256	627	10x20	MON	1	3,163	5x5	MON	1	1,739
S	NZ	2006	WCPFC	21,034	1x1	MON	386	835	5x5	MON	1	1,741	...	...	...	...
S	NZ	2007	WCPFC	29,503	1x1	MON	361	708	5x5	MON	1	286	10x20	MON	1	248
S	NZ	2008	WCPFC	22,982	1x1	MON	369	689	5x5	MON	1	2,288	...	...	...	...
S	NZ	2009	WCPFC	23,867	1x1	MON	318	734	5x5	MON	1	23,349	10x20	MON	1	21,422
S	NZ	2010	WCPFC	21,986	1x1	MON	263	579	5x5	MON	1	7,730	...	...	...	...
S	NZ	2011	WCPFC	19,138	1x1	MON	213	490	5x5	MON	1	7,631	...	...	...	...
S	NZ	2012	WCPFC	18,256	1x1	MON	229	501	5x5	MON	1	9,526	10x20	MON	1	679
S	NZ	2013	WCPFC	22,381	1x1	MON	210	488	5x5	MON	1	9,313	10x20	MON	1	100
S	NZ	2014	WCPFC	17,923	1x1	MON	201	541	5x5	MON	1	7,830	...	...	...	...
S	NZ	2015	WCPFC	17,627	1x1	MON	153	471	5x5	MON	1	3,083	...	...	...	...
S	NZ	2016	WCPFC	10,765	1x1	MON	99	330	5x5	MON	1	6,088	...	...	...	...
S	NZ	2017	WCPFC	7,445	1x1	MON	74	209	5x5	MON	1	5,712	...	...	...	...
S	NZ	2018	WCPFC	5,615	1x1	MON	59	139	5x5	MON	1	1,674	...	...	...	...
S	PG	1995	WCPFC	8,475	1x1	MON	342	260	5x5	MON	1	1,759	...	...	...	...
S	PG	1996	WCPFC	7,706	1x1	MON	261	217	5x5	MON	1	376	...	...	...	...
S	PG	1997	WCPFC	9,403	1x1	MON	367	713	5x5	MON	1	2,643	...	...	...	...
S	PG	1998	WCPFC	28,246	1x1	MON	418	1,409	5x5	MON	1	6,255	...	...	...	...
S	PG	1999	WCPFC	22,590	1x1	MON	608	1,356	5x5	MON	1	1,792	...	...	...	...
S	PG	2000	WCPFC	43,989	1x1	MON	863	1,973	5x5	MON	1	6,667	10x20	MON	1	747
S	PG	2001	WCPFC	55,614	1x1	MON	1,089	2,609	5x5	MON	1	4,698	10x20	MON	1	2,223
S	PG	2002	WCPFC	74,805	1x1	MON	1,150	3,085	5x5	MON	1	28,418	10x20	MON	1	870
S	PG	2003	WCPFC	102,089	1x1	MON	1,532	3,563	5x5	MON	1	45,131	10x20	MON	1	2,372
S	PG	2004	WCPFC	150,258	1x1	MON	2,054	4,927	5x5	MON	1	74,284	10x20	MON	1	4,933
S	PG	2005	WCPFC	157,121	1x1	MON	2,301	5,836	5x5	MON	1	73,425	10x20	MON	1	795
S	PG	2006	WCPFC	162,102	1x1	MON	2,140	5,344	5x5	MON	1	89,351	10x20	MON	1	4,143
S	PG	2007	WCPFC	187,014	1x1	MON	2,146	5,157	5x5	MON	1	83,584	10x20	MON	1	2,581
S	PG	2008	WCPFC	150,508	1x1	MON	1,970	5,012	5x5	MON	1	63,492	10x20	MON	1	7,932
S	PG	2009	WCPFC	143,234	1x1	MON	2,100	5,478	5x5	MON	1	103,866	10x20	MON	1	12,795
S	PG	2010	WCPFC	146,280	1x1	MON	1,591	4,065	5x5	MON	1	154,916	10x20	MON	1	1,867
S	PG	2011	WCPFC	125,905	1x1	MON	1,977	4,893	5x5	MON	1	157,921	10x20	MON	1	290
S	PG	2012	WCPFC	158,989	1x1	MON	2,333	5,537	5x5	MON	1	206,852	10x20	MON	1	2,833
S	PG	2013	WCPFC	144,649	1x1	MON	2,176	5,677	5x5	MON	1	173,603	10x20	MON	1	9,121
S	PG	2014	WCPFC	173,192	1x1	MON	1,894	4,786	5x5	MON	1	170,662	10x20	MON	1	1,822
S	PG	2015	WCPFC	153,964	1x1	MON	1,744	4,087	5x5	MON	1	185,066	10x20	MON	1	668
S	PG	2016	WCPFC	200,244	1x1	MON	1,704	3,863	5x5	MON	1	180,599	...	...	...	...
S	PG	2017	WCPFC	180,976	1x1	MON	2,584	6,651	5x5	MON	1	248,466	...	...	...	...
S	PG	2018	WCPFC	211,695	1x1	MON	2,295	6,513	5x5	MON	1	268,751	...	...	...	...
S	PG	2019	WCPFC	194,396	1x1	MON	1,354	4,056	5x5	MON	1	208,942	...	...	...	...
S	PG	2020	WCPFC	109,989	1x1	MON	1,388	4,966	5x5	MON	1	79,513	...	...	...	...
S	PG	2021	WCPFC	102,389	1x1	MON	1,468	4,514	5x5	MON	1	79,065	...	...	...	...
S	PG	2022	WCPFC	132,359	1x1	MON	1,205	5,257	5x5	MON	1	55,763	...	...	...	...
S	PG	2023	WCPFC	93,090	1x1	MON	1,258	3,557	5x5	MON	1	29,006	...	...	...	...
S	PH	1980	WCPFC	12,269	1x1	MON	1,248	...	10x10	MON	1	1,216	...	...	...	...
S	PH	1981	WCPFC	13,235	1x1	MON	1,412	...	10x10	MON	1	1,419	...	...	...	...
S	PH	1982	WCPFC	24,531	1x1	MON	1,402	56	10x10	MON	1	1,883	...	...	...	...
S	PH	1983	WCPFC	33,286	1x1	MON	1,542	...	10x10	MON	1	1,332	...	...	...	...
S	PH	1984	WCPFC	23,029	1x1	MON	1,625	106	10x10	MON	1	1,537	...	...	...	...
S	PH	1985	WCPFC	31,307	1x1	MON	1,752	234	10x10	MON	1	452	...	...	...	...
S	PH	1986	WCPFC	37,510	1x1	MON	1,728	55	10x10	MON	1	435	...	...	...	...

(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
S	PH	1987	WCPFC	42,815	1x1	MON	1,815	463	10x10	MON	1	1,595	...	...	...	...
S	PH	1992	WCPFC	56,999	1x1	MON	2,131	1,296	5x5	MON	1	103	...	...	...	...
S	PH	1993	WCPFC	42,877	1x1	MON	1,583	629	10x10	MON	1	23,264	...	...	...	...
S	PH	1994	WCPFC	57,861	1x1	MON	1,612	149	10x10	MON	1	19,404	5x5	MON	1	38
S	PH	1995	WCPFC	71,174	1x1	MON	1,607	353	5x5	MON	1	100	...	...	...	...
S	PH	1996	WCPFC	74,941	1x1	MON	2,001	549	5x5	MON	1	1,606	...	...	...	...
S	PH	1997	WCPFC	68,130	1x1	MON	1,861	1,142	5x5	MON	1	14,567	10x20	MON	1	155
S	PH	1998	WCPFC	89,659	1x1	MON	2,020	1,085	5x5	MON	1	6,188	10x20	MON	1	1,000
S	PH	1999	WCPFC	86,261	1x1	MON	2,362	1,170	5x5	MON	1	4,483	10x20	MON	1	150
S	PH	2000	WCPFC	81,558	1x1	MON	2,591	1,128	5x5	MON	1	9,131	10x20	MON	1	1,238
S	PH	2001	WCPFC	69,574	1x1	MON	2,720	1,440	5x5	MON	1	13,056	10x20	MON	1	2,027
S	PH	2002	WCPFC	86,327	1x1	MON	2,766	1,552	5x5	MON	1	18,880	10x20	MON	1	2,634
S	PH	2003	WCPFC	104,004	1x1	MON	2,672	1,204	5x5	MON	1	17,619	...	...	...	...
S	PH	2004	WCPFC	108,547	1x1	MON	2,258	7,187	5x5	MON	1	26,522	...	...	...	...
S	PH	2005	WCPFC	104,665	1x1	MON	1,729	1,670	5x5	MON	1	40,983	...	...	...	...
S	PH	2006	WCPFC	115,544	1x1	MON	1,719	2,342	5x5	MON	1	55,787	...	...	...	...
S	PH	2007	WCPFC	132,420	1x1	MON	1,513	2,006	5x5	MON	1	37,135	...	...	...	...
S	PH	2008	WCPFC	158,344	1x1	MON	2,113	6,725	5x5	MON	1	39,443	...	...	...	...
S	PH	2009	WCPFC	146,666	1x1	MON	2,022	4,357	5x5	MON	1	50,558	...	...	...	...
S	PH	2010	WCPFC	117,195	1x1	MON	3,561	2,022	5x5	MON	1	74,723	...	...	...	...
S	PH	2011	WCPFC	90,329	1x1	MON	3,576	1,971	5x5	MON	1	85,995	...	...	...	...
S	PH	2012	WCPFC	102,022	1x1	MON	3,534	2,655	5x5	MON	1	111,363	10x20	MON	1	954
S	PH	2013	WCPFC	89,792	1x1	MON	2,709	3,122	5x5	MON	1	230,986	...	...	...	...
S	PH	2014	WCPFC	116,071	1x1	MON	2,832	2,923	5x5	MON	1	486,994	...	...	...	...
S	PH	2015	WCPFC	81,868	1x1	MON	2,811	3,681	5x5	MON	1	532,161	...	...	...	...
S	PH	2016	WCPFC	79,225	1x1	MON	2,846	1,284	5x5	MON	1	496,356	...	...	...	...
S	PH	2017	WCPFC	58,335	1x1	MON	2,737	818	5x5	MON	1	401,305	...	...	...	...
S	PH	2018	WCPFC	35,968	1x1	MON	2,576	336	5x5	MON	1	421,302	...	...	...	...
S	PH	2019	WCPFC	58,253	1x1	MON	1,819	2,601	5x5	MON	1	271,210	...	...	...	...
S	PH	2020	WCPFC	79,485	1x1	MON	2,142	1,280	5x5	MON	1	511,256	...	...	...	...
S	PH	2021	WCPFC	50,136	1x1	MON	2,177	247	5x5	MON	1	274,573	...	...	...	...
S	PH	2022	WCPFC	42,615	1x1	MON	1,693	1,134	5x5	MON	1	378,212	...	...	...	...
S	PH	2023	WCPFC	45,563	1x1	MON	1,798	197	5x5	MON	1	375,047	...	...	...	...
S	SB	1994	WCPFC	6,436	1x1	MON	313	346	5x5	MON	1	68	...	...	...	...
S	SB	1998	WCPFC	12,704	1x1	MON	198	699	5x5	MON	1	1,338	...	...	...	...
S	SB	1999	WCPFC	13,836	1x1	MON	289	828	5x5	MON	1	2,934	...	...	...	...
S	SB	2000	WCPFC	4,794	1x1	MON	96	176	5x5	MON	1	690	...	...	...	...
S	SB	2001	WCPFC	6,836	1x1	MON	117	222	5x5	MON	1	2,238	...	...	...	...
S	SB	2002	WCPFC	4,049	1x1	MON	128	222	5x5	MON	1	8,293	...	...	...	...
S	SB	2003	WCPFC	7,621	1x1	MON	86	238	5x5	MON	1	7,042	...	...	...	...
S	SB	2004	WCPFC	7,359	1x1	MON	140	318	5x5	MON	1	7,060	...	...	...	...
S	SB	2005	WCPFC	8,794	1x1	MON	115	240	5x5	MON	1	2,340	...	...	...	...
S	SB	2006	WCPFC	11,504	1x1	MON	213	429	5x5	MON	1	769	...	...	...	...
S	SB	2007	WCPFC	9,277	1x1	MON	175	458	5x5	MON	1	783	...	...	...	...
S	SB	2008	WCPFC	8,100	1x1	MON	170	382	5x5	MON	1	5,480	...	...	...	...
S	SB	2010	WCPFC	7,339	1x1	MON	182	369	5x5	MON	1	1,248	...	...	...	...
S	SB	2011	WCPFC	14,484	1x1	MON	268	723	5x5	MON	1	5,348	...	...	...	...
S	SB	2012	WCPFC	15,080	1x1	MON	231	697	5x5	MON	1	33,312	...	...	...	...
S	SB	2013	WCPFC	12,617	1x1	MON	270	668	5x5	MON	1	10,266	...	...	...	...
S	SB	2014	WCPFC	13,861	1x1	MON	259	635	5x5	MON	1	11,260	...	...	...	...
S	SB	2015	WCPFC	13,202	1x1	MON	254	715	5x5	MON	1	12,722	...	...	...	...
S	SB	2016	WCPFC	31,379	1x1	MON	504	1,100	5x5	MON	1	38,539	...	...	...	...
S	SB	2017	WCPFC	27,037	1x1	MON	593	1,208	5x5	MON	1	41,386	...	...	...	...
S	SB	2018	WCPFC	34,401	1x1	MON	568	1,403	5x5	MON	1	36,684	...	...	...	...
S	SB	2019	WCPFC	40,355	1x1	MON	527	1,498	5x5	MON	1	53,814	...	...	...	...
S	SB	2020	WCPFC	20,191	1x1	MON	377	1,046	5x5	MON	1	21,579	...	...	...	...
S	SB	2021	WCPFC	26,143	1x1	MON	435	1,116	5x5	MON	1	19,658	...	...	...	...
S	SB	2022	WCPFC	25,678	1x1	MON	460	1,137	5x5	MON	1	13,185	...	...	...	...
S	SB	2023	WCPFC	20,957	1x1	MON	549	1,128	5x5	MON	1	12,691	...	...	...	...
S	SU	1994	WCPFC	2,898	1x1	MON	191	98	5x5	MON	1	224	...	...	...	...
S	SV	2009	WCPFC	5,377	1x1	MON	110	132	10x20	MON	1	8,198	5x5	MON	1	1,785
S	SV	2010	WCPFC	4,641	1x1	MON	111	134	10x20	MON	1	4,879	5x5	MON	1	4,528
S	SV	2011	WCPFC	8,269	1x1	MON	136	168	10x20	MON	1	4,568	5x5	MON	1	4,380
S	SV	2012	WCPFC	8,278	1x1	MON	171	206	10x20	MON	1	11,163	5x5	MON	1	1,159
S	SV	2013	WCPFC	9,148	1x1	MON	230	339	5x5	MON	1	6,725	10x20	MON	1	5,195
S	SV	2014	WCPFC	12,074	1x1	MON	105	137	5x5	MON	1	7,958	10x20	MON	1	5,986
S	SV	2015	WCPFC	11,065	1x1	MON	88	207	5x5	MON	1	4,639	...	...	...	...
S	SV	2016	WCPFC	5,562	1x1	MON	81	101	5x5	MON	1	2,756	...	...	...	...
S	SV	2017	WCPFC	2,920	1x1	MON	41	79	5x5	MON	1	2,856	...	...	...	...
S	SV	2018	WCPFC	3,056	1x1	MON	66	87	5x5	MON	1	1,801	...	...	...	...
S	SV	2019	WCPFC	2,191	1x1	MON	33	65	5x5	MON	1	3,952	...	...	...	...
S	SV	2020	WCPFC	2,373	1x1	MON	54	133	5x5	MON	1	580	...	...	...	...
S	TV	1992	WCPFC	...	...	...	...	...	5x5	MON	1	128	...	...	...	...
S	TV	2009	WCPFC	3,867	1x1	MON	48	80	5x5	MON	1	568	10x20	MON	1	521
S	TV	2010	WCPFC	7,708	1x1	MON	91	155	5x5	MON	1	8,502	10x20	MON	1	1,700
S	TV	2011	WCPFC	5,433	1x1	MON	103	154	5x5	MON	1	4,095	...	...	...	...
S	TV	2012	WCPFC	7,552	1x1	MON	110	215	5x5	MON	1	5,869	10x20	MON	1	277
S	TV	2013	WCPFC	10,114	1x1	MON	124	342	5x5	MON	1	6,773	...	...	...	...
S	TV	2014	WCPFC	5,320	1x1	MON	80	182	5x5	MON	1	4,467	...	...	...	...
S	TV	2015	WCPFC	4,370	1x1	MON	65	132	5x5	MON	1	5,704	...	...	...	...
S	TV	2016	WCPFC	5,066	1x1	MON	70	106	5x5	MON	1	7,208	...	...	...	...
S	TV	2017	WCPFC	3,551	1x1	MON	70	89	5x5	MON	1	4,391	...	...	...	...
S	TV	2018	WCPFC	8,654	1x1	MON	123	156	5x5	MON	1	10,811	...	...	...	...
S	TV	2019	WCPFC	6,075	1x1	MON	60	89	5x5	MON	1	9,418	...	...	...	...
S	TV	2020	WCPFC	8,384	1x1	MON	125	159	5x5	MON	1	4,558	...	...	...	...
S	TV	2022	WCPFC	33,798	1x1	MON	577	855	5x5	MON	1	1,534	...	...	...	...
S	TV	2023	WCPFC	33,463	1x1	MON	507	729	5x5	MON	1	25,190	...	...	...	...
S	TW	1992	WCPFC	125,314	1x1	MON	1,997	2,697	5x5	MON	1	6	...	...	...	...
S	TW	1993	WCPFC	98,652	1x1	MON	1,562	3,030	5x5	MON	1	1,508	10x20	MON	1	50
S	TW	1994	WCPFC	109,427	1x1	MON	1,694	3,479	5x5	MON	1	2,970	10x20	MON	1	57

(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
S	TW	1995	WCPFC	127,102	1x1	MON	1,674	3,485	5x5	MON	1	4,337	10x20	MON	1	100
S	TW	1996	WCPFC	139,016	1x1	MON	1,480	5,107	5x5	MON	1	15,810	...	...	...	...
S	TW	1997	WCPFC	105,188	1x1	MON	2,291	4,202	5x5	MON	1	7,100	10x20	MON	1	369
S	TW	1998	WCPFC	172,862	1x1	MON	1,773	4,502	5x5	MON	1	30,629	10x20	MON	1	125
S	TW	1999	WCPFC	136,322	1x1	MON	2,247	3,972	5x5	MON	1	9,338	...	...	...	...
S	TW	2000	WCPFC	174,539	1x1	MON	1,682	3,736	5x5	MON	1	7,061	...	...	...	...
S	TW	2001	WCPFC	166,163	1x1	MON	1,647	3,635	10x20	MON	1	7,788	5x5	MON	1	7,472
S	TW	2002	WCPFC	196,052	1x1	MON	1,882	4,636	5x5	MON	1	7,826	10x20	MON	1	6,071
S	TW	2003	WCPFC	145,542	1x1	MON	1,608	3,729	10x20	MON	1	7,764	5x5	MON	1	2,345
S	TW	2004	WCPFC	145,284	1x1	MON	1,798	4,547	5x5	MON	1	11,489	10x20	MON	1	9,463
S	TW	2005	WCPFC	141,466	1x1	MON	1,725	4,614	5x5	MON	1	9,996	10x20	MON	1	1,749
S	TW	2006	WCPFC	158,827	1x1	MON	1,647	4,215	10x20	MON	1	13,191	5x5	MON	1	11,864
S	TW	2007	WCPFC	178,934	1x1	MON	1,876	4,485	5x5	MON	1	12,222	10x20	MON	1	6,549
S	TW	2008	WCPFC	150,295	1x1	MON	1,803	3,709	10x20	MON	1	17,669	5x5	MON	1	12,756
S	TW	2009	WCPFC	148,833	1x1	MON	1,698	3,680	10x20	MON	1	15,459	5x5	MON	1	15,432
S	TW	2010	WCPFC	153,090	1x1	MON	1,349	3,397	5x5	MON	1	84,374	10x20	MON	1	6,693
S	TW	2011	WCPFC	134,973	1x1	MON	1,618	3,841	5x5	MON	1	99,644	10x20	MON	1	3,962
S	TW	2012	WCPFC	149,928	1x1	MON	1,466	3,168	5x5	MON	1	126,707	10x20	MON	1	5,389
S	TW	2013	WCPFC	163,786	1x1	MON	1,683	4,647	5x5	MON	1	145,326	10x20	MON	1	12,488
S	TW	2014	WCPFC	193,854	1x1	MON	1,625	4,522	5x5	MON	1	130,946	10x20	MON	1	8,086
S	TW	2015	WCPFC	149,865	1x1	MON	1,289	3,484	5x5	MON	1	114,280	10x20	MON	1	852
S	TW	2016	WCPFC	135,074	1x1	MON	1,334	3,244	5x5	MON	1	123,608	...	...	...	...
S	TW	2017	WCPFC	119,631	1x1	MON	1,721	3,864	5x5	MON	1	98,406	...	...	...	...
S	TW	2018	WCPFC	160,135	1x1	MON	1,648	4,877	5x5	MON	1	155,045	...	...	...	...
S	TW	2019	WCPFC	196,111	1x1	MON	1,537	4,871	5x5	MON	1	195,553	...	...	...	...
S	TW	2020	WCPFC	134,380	1x1	MON	1,355	3,842	5x5	MON	1	36,590	...	...	...	...
S	TW	2022	WCPFC	167,091	1x1	MON	1,446	4,148	5x5	MON	1	1,309	...	...	...	...
S	TW	2023	WCPFC	130,273	1x1	MON	1,317	3,158	5x5	MON	1	47,864	...	...	...	...
S	US	1978	WCPFC	800	...	...	...	...	5x5	MON	1	626	...	...	...	...
S	US	1979	WCPFC	8,000	...	...	...	...	5x5	MON	1	3,013	...	...	...	...
S	US	1981	WCPFC	18,133	1x1	MON	529	...	5x5	MON	1	1,550	...	...	...	...
S	US	1982	WCPFC	37,498	1x1	MON	1,056	...	5x5	MON	1	1,543	...	...	...	...
S	US	1983	WCPFC	103,546	1x1	MON	1,400	10	5x5	MON	1	50	...	...	...	...
S	US	1987	WCPFC	71,816	1x1	MON	885	198	10x20	MON	1	325	...	...	...	...
S	US	1988	WCPFC	88,044	1x1	MON	748	1,660	5x5	MON	1	12,440	10x20	MON	1	4,480
S	US	1989	WCPFC	84,109	1x1	MON	852	2,476	5x5	MON	1	27,676	10x20	MON	1	9,053
S	US	1990	WCPFC	104,750	1x1	MON	978	2,667	5x5	MON	1	36,460	10x20	MON	1	6,229
S	US	1991	WCPFC	168,360	1x1	MON	888	4,379	5x5	MON	1	48,883	10x20	MON	1	6,723
S	US	1992	WCPFC	150,352	1x1	MON	1,136	3,929	5x5	MON	1	27,882	10x20	MON	1	5,328
S	US	1993	WCPFC	137,388	1x1	MON	1,280	3,780	5x5	MON	1	25,267	10x20	MON	1	4,935
S	US	1994	WCPFC	149,736	1x1	MON	1,183	3,882	5x5	MON	1	30,788	10x20	MON	1	5,594
S	US	1995	WCPFC	118,761	1x1	MON	892	3,276	5x5	MON	1	24,157	10x20	MON	1	4,511
S	US	1996	WCPFC	104,375	1x1	MON	1,574	4,404	5x5	MON	1	29,338	10x20	MON	1	8,133
S	US	1997	WCPFC	80,827	1x1	MON	1,765	3,452	5x5	MON	1	19,477	10x20	MON	1	3,600
S	US	1998	WCPFC	115,396	1x1	MON	1,651	3,707	5x5	MON	1	51,854	10x20	MON	1	3,225
S	US	1999	WCPFC	111,234	1x1	MON	1,533	3,396	5x5	MON	1	63,448	10x20	MON	1	2,668
S	US	2000	WCPFC	83,689	1x1	MON	1,456	3,307	5x5	MON	1	67,080	10x20	MON	1	375
S	US	2001	WCPFC	78,798	1x1	MON	1,212	3,085	5x5	MON	1	74,160	...	...	...	...
S	US	2002	WCPFC	88,472	1x1	MON	1,230	3,390	5x5	MON	1	52,178	...	...	...	...
S	US	2003	WCPFC	54,675	1x1	MON	1,058	2,134	5x5	MON	1	30,127	10x20	MON	1	1,113
S	US	2004	WCPFC	43,911	1x1	MON	1,228	2,549	5x5	MON	1	33,778	10x20	MON	1	1,664
S	US	2005	WCPFC	58,858	1x1	MON	1,000	2,031	5x5	MON	1	32,181	10x20	MON	1	2,850
S	US	2006	WCPFC	48,855	1x1	MON	890	1,717	5x5	MON	1	26,848	10x20	MON	1	366
S	US	2007	WCPFC	68,383	1x1	MON	985	1,833	5x5	MON	1	42,997	10x20	MON	1	2,524
S	US	2008	WCPFC	154,713	1x1	MON	2,206	4,240	5x5	MON	1	73,221	10x20	MON	1	13,146
S	US	2009	WCPFC	235,716	1x1	MON	2,554	6,707	5x5	MON	1	94,083	10x20	MON	1	45,183
S	US	2010	WCPFC	200,524	1x1	MON	2,161	5,328	5x5	MON	1	230,932	10x20	MON	1	14,167
S	US	2011	WCPFC	160,142	1x1	MON	2,231	4,780	5x5	MON	1	193,099	10x20	MON	1	15,501
S	US	2012	WCPFC	207,192	1x1	MON	2,458	6,980	5x5	MON	1	212,109	10x20	MON	1	28,800
S	US	2013	WCPFC	209,677	1x1	MON	2,392	7,114	5x5	MON	1	129,889	10x20	MON	1	39,001
S	US	2014	WCPFC	263,699	1x1	MON	2,528	7,638	5x5	MON	1	225,333	10x20	MON	1	35,715
S	US	2015	WCPFC	207,975	1x1	MON	1,580	4,889	5x5	MON	1	235,564	10x20	MON	1	22,938
S	US	2016	WCPFC	163,470	1x1	MON	1,747	4,267	5x5	MON	1	174,126	10x20	MON	1	389
S	US	2017	WCPFC	126,053	1x1	MON	1,858	4,790	5x5	MON	1	144,009	...	...	...	...
S	US	2018	WCPFC	154,743	1x1	MON	2,041	5,333	5x5	MON	1	170,023	...	...	...	...
S	US	2019	WCPFC	137,368	1x1	MON	1,498	3,969	5x5	MON	1	150,216	...	...	...	...
S	US	2020	WCPFC	111,087	1x1	MON	1,305	3,078	5x5	MON	1	49,837	...	...	...	...
S	US	2022	WCPFC	40,381	1x1	MON	800	1,283	5x5	MON	1	4,376	...	...	...	...
S	US	2023	WCPFC	55,518	1x1	MON	701	1,152	5x5	MON	1	46,619	...	...	...	...
S	VU	1995	WCPFC	4,602	1x1	MON	101	106	5x5	MON	1	614	...	...	...	...
S	VU	1996	WCPFC	7,646	1x1	MON	193	245	5x5	MON	1	1,134	...	...	...	...
S	VU	1997	WCPFC	15,925	1x1	MON	675	369	5x5	MON	1	1,688	...	...	...	...
S	VU	1998	WCPFC	26,168	1x1	MON	631	545	5x5	MON	1	3,992	...	...	...	...
S	VU	1999	WCPFC	30,646	1x1	MON	1,165	689	5x5	MON	1	70	...	...	...	...
S	VU	2003	WCPFC	16,562	1x1	MON	204	295	10x20	MON	1	6,727	5x5	MON	1	128
S	VU	2004	WCPFC	38,945	1x1	MON	466	902	5x5	MON	1	9,048	10x20	MON	1	5,036
S	VU	2005	WCPFC	55,770	1x1	MON	611	1,032	5x5	MON	1	8,629	10x20	MON	1	2,856
S	VU	2006	WCPFC	48,798	1x1	MON	539	849	5x5	MON	1	15,075	10x20	MON	1	6,479
S	VU	2007	WCPFC	57,533	1x1	MON	597	1,202	5x5	MON	1	18,984	10x20	MON	1	1,347
S	VU	2008	WCPFC	27,492	1x1	MON	484	594	5x5	MON	1	6,610	10x20	MON	1	4,511
S	VU	2009	WCPFC	34,517	1x1	MON	564	828	5x5	MON	1	6,358	10x20	MON	1	4,611
S	VU	2010	WCPFC	18,969	1x1	MON	317	395	5x5	MON	1	16,524	10x20	MON	1	3,481
S	VU	2011	WCPFC	19,783	1x1	MON	253	336	5x5	MON	1	15,640	10x20	MON	1	149
S	VU	2012	WCPFC	18,786	1x1	MON	261	409	5x5	MON	1	20,524	10x20	MON	1	1,404
S	VU	2013	WCPFC	21,564	1x1	MON	275	633	5x5	MON	1	26,066	10x20	MON	1	724
S	VU	2014	WCPFC	17,264	1x1	MON	209	403	5x5	MON	1	12,155	10x20	MON	1	844
S	VU	2015	WCPFC	7,553	1x1	MON	73	142	5x5	MON	1	5,750	10x20	MON	1	457
S	VU	2016	WCPFC	3,808	1x1	MON	36	57	5x5	MON	1	5,566	...	...	...	...
S	VU	2017	WCPFC	4,370	1x1	MON	116	167	5x5	MON	1	6,029	...	...	...	...
S	VU	2018	WCPFC	10,298	1x1	MON	155	245	5x5</							

(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
S	VU	2022	WCPFC	53,505	1x1	MON	610	1,267	5x5	MON	1	3	...	...	...	...
S	VU	2023	WCPFC	41,006	1x1	MON	506	791	5x5	MON	1	5,126	...	...	...	...
S	AU	1988	WCPFC	117	1x1	MON	8	5	...	...	...	...	...	...	...	...
S	AU	1989	WCPFC	148	1x1	MON	3	8	...	...	...	...	...	...	...	...
S	AU	1990	WCPFC	3,656	1x1	MON	128	125	...	...	...	...	...	...	...	...
S	AU	1991	WCPFC	5,729	1x1	MON	106	154	...	...	...	...	...	...	...	...
S	AU	1992	WCPFC	6,594	1x1	MON	28	23	...	...	...	...	...	...	...	...
S	AU	1993	WCPFC	5,165	1x1	MON	38	71	...	...	...	...	...	...	...	...
S	AU	1994	WCPFC	3,219	1x1	MON	9	94	...	...	...	...	...	...	...	...
S	AU	1995	WCPFC	4,086	1x1	MON	9	41	...	...	...	...	...	...	...	...
S	AU	1996	WCPFC	1,981	1x1	MON	17	130	...	...	...	...	...	...	...	...
S	AU	1997	WCPFC	4,204	1x1	MON	23	219	...	...	...	...	...	...	...	...
S	AU	1998	WCPFC	1,014	1x1	MON	16	44	...	...	...	...	...	...	...	...
S	AU	1999	WCPFC	4,164	1x1	MON	24	229	...	...	...	...	...	...	...	...
S	AU	2000	WCPFC	3,953	1x1	MON	40	340	...	...	...	...	...	...	...	...
S	AU	2001	WCPFC	492	1x1	MON	8	25	...	...	...	...	...	...	...	...
S	AU	2002	WCPFC	45	1x1	MON	4	9	...	...	...	...	...	...	...	...
S	AU	2003	WCPFC	541	1x1	MON	5	27	...	...	...	...	...	...	...	...
S	AU	2004	WCPFC	166	1x1	MON	3	14	...	...	...	...	...	...	...	...
S	AU	2006	WCPFC	...	1x1	MON	1	4	...	...	...	...	...	...	...	...
S	CK	2021	WCPFC	3,010	1x1	MON	55	80	...	...	...	...	...	...	...	...
S	CK	2022	WCPFC	3,814	1x1	MON	55	97	...	...	...	...	...	...	...	...
S	CN	2001	WCPFC	2,938	1x1	MON	10	8	...	...	...	...	...	...	...	...
S	CN	2022	WCPFC	7,242	1x1	MON	120	170	...	...	...	...	...	...	...	...
S	EC	2007	WCPFC	5,879	1x1	MON	78	132	...	...	...	...	...	...	...	...
S	EC	2008	WCPFC	15,532	1x1	MON	182	343	...	...	...	...	...	...	...	...
S	EC	2021	WCPFC	9,769	1x1	MON	308	373	...	...	...	...	...	...	...	...
S	ES	1998	WCPFC	772	1x1	MON	30	71	...	...	...	...	...	...	...	...
S	ES	1999	WCPFC	4,259	1x1	MON	61	109	...	...	...	...	...	...	...	...
S	ES	2000	WCPFC	5,606	1x1	MON	143	222	...	...	...	...	...	...	...	...
S	ES	2001	WCPFC	1,021	1x1	MON	18	20	...	...	...	...	...	...	...	...
S	ES	2002	WCPFC	1,144	1x1	MON	32	34	...	...	...	...	...	...	...	...
S	ES	2003	WCPFC	2,269	1x1	MON	43	52	...	...	...	...	...	...	...	...
S	ES	2004	WCPFC	2,979	1x1	MON	70	78	...	...	...	...	...	...	...	...
S	ES	2005	WCPFC	1,873	1x1	MON	42	46	...	...	...	...	...	...	...	...
S	ES	2006	WCPFC	6,758	1x1	MON	92	119	...	...	...	...	...	...	...	...
S	ES	2007	WCPFC	13,853	1x1	MON	212	266	...	...	...	...	...	...	...	...
S	ES	2022	WCPFC	10,659	1x1	MON	209	301	...	...	...	...	...	...	...	...
S	FM	1991	WCPFC	8,132	1x1	MON	52	16	...	...	...	...	...	...	...	...
S	FM	1992	WCPFC	10,480	1x1	MON	244	300	...	...	...	...	...	...	...	...
S	FM	1997	WCPFC	4,328	1x1	MON	225	227	...	...	...	...	...	...	...	...
S	FM	2021	WCPFC	115,942	1x1	MON	1,488	2,906	...	...	...	...	...	...	...	...
S	FR	1996	WCPFC	...	1x1	MON	2	2	...	...	...	...	...	...	...	...
S	ID	1980	WCPFC	8,547	1x1	MON	1,820	...	...	...	...	...	...	...	...	...
S	ID	1981	WCPFC	9,613	1x1	MON	2,080	...	...	...	...	...	...	...	...	...
S	ID	1982	WCPFC	10,450	1x1	MON	1,960	...	...	...	...	...	...	...	...	...
S	ID	1983	WCPFC	11,691	1x1	MON	2,280	...	...	...	...	...	...	...	...	...
S	ID	1984	WCPFC	12,732	1x1	MON	2,300	...	...	...	...	...	...	...	...	...
S	ID	1985	WCPFC	13,954	1x1	MON	2,480	...	...	...	...	...	...	...	...	...
S	ID	1988	WCPFC	29,093	1x1	MON	2,555	112	...	...	...	...	...	...	...	...
S	ID	1989	WCPFC	29,935	1x1	MON	2,517	78	...	...	...	...	...	...	...	...
S	ID	1990	WCPFC	24,210	1x1	MON	2,506	19	...	...	...	...	...	...	...	...
S	ID	1991	WCPFC	24,762	1x1	MON	2,510	...	...	...	...	...	...	...	...	...
S	ID	1992	WCPFC	28,469	1x1	MON	2,520	...	...	...	...	...	...	...	...	...
S	ID	1993	WCPFC	26,080	1x1	MON	2,520	...	...	...	...	...	...	...	...	...
S	ID	1994	WCPFC	28,928	1x1	MON	2,520	...	...	...	...	...	...	...	...	...
S	ID	1995	WCPFC	30,827	1x1	MON	2,640	...	...	...	...	...	...	...	...	...
S	ID	1996	WCPFC	47,842	1x1	MON	3,490	...	...	...	...	...	...	...	...	...
S	ID	1997	WCPFC	35,597	1x1	MON	3,490	...	...	...	...	...	...	...	...	...
S	ID	1998	WCPFC	47,000	1x1	MON	3,920	...	...	...	...	...	...	...	...	...
S	ID	1999	WCPFC	44,606	1x1	MON	3,710	...	...	...	...	...	...	...	...	...
S	ID	2000	WCPFC	47,461	1x1	MON	3,890	...	...	...	...	...	...	...	...	...
S	ID	2001	WCPFC	43,672	1x1	MON	4,099	...	...	...	...	...	...	...	...	...
S	ID	2002	WCPFC	41,975	1x1	MON	3,830	...	...	...	...	...	...	...	...	...
S	ID	2003	WCPFC	42,817	1x1	MON	3,970	...	...	...	...	...	...	...	...	...
S	ID	2004	WCPFC	56,376	1x1	MON	3,678	...	...	...	...	...	...	...	...	...
S	ID	2005	WCPFC	35,233	1x1	MON	3,482	...	...	...	...	...	...	...	...	...
S	ID	2006	WCPFC	42,141	1x1	MON	3,317	...	...	...	...	...	...	...	...	...
S	ID	2007	WCPFC	37,732	1x1	MON	3,267	...	...	...	...	...	...	...	...	...
S	ID	2008	WCPFC	37,326	1x1	MON	3,645	...	...	...	...	...	...	...	...	...
S	ID	2009	WCPFC	56,862	1x1	MON	3,547	...	...	...	...	...	...	...	...	...
S	JP	1951	WCPFC	1,748	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1952	WCPFC	3,716	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1953	WCPFC	3,371	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1954	WCPFC	4,534	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1955	WCPFC	2,906	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1956	WCPFC	2,145	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1957	WCPFC	2,813	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1958	WCPFC	10,698	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1959	WCPFC	16,941	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1960	WCPFC	3,728	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1961	WCPFC	11,693	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1962	WCPFC	11,674	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1963	WCPFC	9,592	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1964	WCPFC	25,006	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1965	WCPFC	4,657	1x1	MON	576	...	...	...	...	...	...	...	...	...
S	JP	1966	WCPFC	10,949	1x1	MON	576	...	...	...	...	...	...	...	...	...

(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
S	JP	1967	WCPFC	10,929	1x1	MON	578
S	JP	1968	WCPFC	7,599	1x1	MON	600	...	...	...	...	...	...	...	...
S	JP	1969	WCPFC	5,045	1x1	MON	589	...	...	...	...	...	...	...	...
S	JP	1970	WCPFC	4,695	1x1	MON	611	...	...	...	...	...	...	...	...
S	JP	1971	WCPFC	10,679	1x1	MON	811	...	...	...	...	...	...	...	...
S	JP	1972	WCPFC	14,726	1x1	MON	781	...	...	...	...	...	...	...	...
S	JP	1973	WCPFC	15,502	1x1	MON	915	...	...	...	...	...	...	...	...
S	JP	1974	WCPFC	6,727	1x1	MON	884	...	...	...	...	...	...	...	...
S	JP	1975	WCPFC	6,638	1x1	MON	973	...	...	...	...	...	...	...	...
S	JP	1976	WCPFC	16,950	1x1	MON	1,056	...	...	...	...	...	...	...	...
S	JP	1977	WCPFC	17,313	1x1	MON	1,074	...	...	...	...	...	...	...	...
S	JP	1979	WCPFC	26,068	1x1	MON	1,591	262	...	...	...	...	...	...	...
S	JP	1980	WCPFC	44,430	1x1	MON	1,666	662	...	...	...	...	...	...	...
S	JP	1981	WCPFC	41,101	1x1	MON	2,093	1,263	...	...	...	...	...	...	...
S	JP	1982	WCPFC	64,395	1x1	MON	2,038	2,642	...	...	...	...	...	...	...
S	JP	1983	WCPFC	101,563	1x1	MON	1,996	2,795	...	...	...	...	...	...	...
S	JP	1984	WCPFC	118,846	1x1	MON	2,223	3,419	...	...	...	...	...	...	...
S	JP	1985	WCPFC	108,020	1x1	MON	2,690	2,916	...	...	...	...	...	...	...
S	JP	1986	WCPFC	123,205	1x1	MON	2,587	3,065	...	...	...	...	...	...	...
S	JP	1987	WCPFC	107,439	1x1	MON	2,823	2,933	...	...	...	...	...	...	...
S	JP	1988	WCPFC	168,706	1x1	MON	2,553	3,408	...	...	...	...	...	...	...
S	JP	1989	WCPFC	114,884	1x1	MON	2,608	3,082	...	...	...	...	...	...	...
S	JP	2021	WCPFC	138,398	1x1	MON	1,929	1,704	...	...	...	...	...	...	...
S	KI	1994	WCPFC	848	1x1	MON	10	11	...	...	...	...	...	...	...
S	KI	1995	WCPFC	1,772	1x1	MON	67	55	...	...	...	...	...	...	...
S	KI	1996	WCPFC	3,542	1x1	MON	100	135	...	...	...	...	...	...	...
S	KI	1997	WCPFC	2,277	1x1	MON	84	77	...	...	...	...	...	...	...
S	KI	1998	WCPFC	5,032	1x1	MON	86	121	...	...	...	...	...	...	...
S	KI	2001	WCPFC	2,730	1x1	MON	71	95	...	...	...	...	...	...	...
S	KI	2005	WCPFC	4,337	1x1	MON	89	112	...	...	...	...	...	...	...
S	KI	2021	WCPFC	145,429	1x1	MON	1,597	3,623	...	...	...	...	...	...	...
S	KR	1980	WCPFC	334	1x1	MON	31	5	...	...	...	...	...	...	...
S	KR	1981	WCPFC	1,243	1x1	MON	168	33	...	...	...	...	...	...	...
S	KR	1982	WCPFC	7,236	1x1	MON	396	80	...	...	...	...	...	...	...
S	KR	1983	WCPFC	11,137	1x1	MON	408	117	...	...	...	...	...	...	...
S	KR	1984	WCPFC	9,024	1x1	MON	654	303	...	...	...	...	...	...	...
S	KR	1985	WCPFC	7,925	1x1	MON	678	202	...	...	...	...	...	...	...
S	KR	1986	WCPFC	16,248	1x1	MON	832	195	...	...	...	...	...	...	...
S	KR	1987	WCPFC	34,828	1x1	MON	1,681	611	...	...	...	...	...	...	...
S	KR	1988	WCPFC	55,365	1x1	MON	1,466	608	...	...	...	...	...	...	...
S	KR	1989	WCPFC	72,622	1x1	MON	1,335	841	...	...	...	...	...	...	...
S	KR	1990	WCPFC	109,026	1x1	MON	2,189	828	...	...	...	...	...	...	...
S	KR	1991	WCPFC	143,475	1x1	MON	2,411	762	...	...	...	...	...	...	...
S	KR	1992	WCPFC	107,316	1x1	MON	2,236	819	...	...	...	...	...	...	...
S	KR	2021	WCPFC	177,962	1x1	MON	1,510	3,598	...	...	...	...	...	...	...
S	MH	2000	WCPFC	5,314	1x1	MON	103	109	...	...	...	...	...	...	...
S	MH	2021	WCPFC	74,004	1x1	MON	941	1,646	...	...	...	...	...	...	...
S	MX	1983	WCPFC	388	1x1	MON	2	7	...	...	...	...	...	...	...
S	MX	1984	WCPFC	4,263	1x1	MON	89	156	...	...	...	...	...	...	...
S	NR	2021	WCPFC	86,974	1x1	MON	990	1,959	...	...	...	...	...	...	...
S	NZ	1983	WCPFC	5,484	1x1	MON	53	255	...	...	...	...	...	...	...
S	NZ	1984	WCPFC	3,920	1x1	MON	39	221	...	...	...	...	...	...	...
S	NZ	1985	WCPFC	2,172	1x1	MON	87	121	...	...	...	...	...	...	...
S	NZ	1986	WCPFC	4,875	1x1	MON	26	223	...	...	...	...	...	...	...
S	NZ	1987	WCPFC	3,762	1x1	MON	28	176	...	...	...	...	...	...	...
S	NZ	1988	WCPFC	3,509	1x1	MON	18	155	...	...	...	...	...	...	...
S	NZ	1989	WCPFC	5,424	1x1	MON	1	1	...	...	...	...	...	...	...
S	NZ	1990	WCPFC	3,959	1x1	MON	46	222	...	...	...	...	...	...	...
S	NZ	1991	WCPFC	5,256	1x1	MON	24	180	...	...	...	...	...	...	...
S	NZ	1992	WCPFC	985	1x1	MON	19	44	...	...	...	...	...	...	...
S	NZ	1993	WCPFC	937	1x1	MON	13	28	...	...	...	...	...	...	...
S	NZ	1994	WCPFC	3,088	1x1	MON	19	106	...	...	...	...	...	...	...
S	NZ	1995	WCPFC	1,654	1x1	MON	19	50	...	...	...	...	...	...	...
S	NZ	1996	WCPFC	3,490	1x1	MON	28	107	...	...	...	...	...	...	...
S	NZ	1997	WCPFC	6,510	1x1	MON	25	129	...	...	...	...	...	...	...
S	NZ	1998	WCPFC	8,118	1x1	MON	23	177	...	...	...	...	...	...	...
S	NZ	1999	WCPFC	5,656	1x1	MON	37	150	...	...	...	...	...	...	...
S	NZ	2000	WCPFC	11,943	1x1	MON	94	294	...	...	...	...	...	...	...
S	NZ	2002	WCPFC	25,354	1x1	MON	429	751	...	...	...	...	...	...	...
S	NZ	2019	WCPFC	9,299	1x1	MON	70	207	...	...	...	...	...	...	...
S	NZ	2020	WCPFC	6,565	1x1	MON	39	199	...	...	...	...	...	...	...
S	NZ	2021	WCPFC	4,911	1x1	MON	26	133	...	...	...	...	...	...	...
S	PA	2021	WCPFC	...	1x1	MON	1	1	...	...	...	...	...	...	...
S	PG	1991	WCPFC	...	1x1	MON	39	75	...	...	...	...	...	...	...
S	PG	1992	WCPFC	...	1x1	MON	55	79	...	...	...	...	...	...	...
S	PG	1993	WCPFC	...	1x1	MON	63	79	...	...	...	...	...	...	...
S	PG	1994	WCPFC	794	1x1	MON	119	87	...	...	...	...	...	...	...
S	PH	1970	WCPFC	2,975	1x1	MON	576	...	...	...	...	...	...	...	...
S	PH	1971	WCPFC	3,194	1x1	MON	576	...	...	...	...	...	...	...	...
S	PH	1972	WCPFC	3,617	1x1	MON	576	...	...	...	...	...	...	...	...
S	PH	1973	WCPFC	4,035	1x1	MON	576	...	...	...	...	...	...	...	...
S	PH	1974	WCPFC	4,482	1x1	MON	576	...	...	...	...	...	...	...	...
S	PH	1975	WCPFC	4,721	1x1	MON	576	...	...	...	...	...	...	...	...
S	PH	1976	WCPFC	4,627	1x1	MON	576	...	...	...	...	...	...	...	...
S	PH	1977	WCPFC	14,015	1x1	MON	576	...	...	...	...	...	...	...	...
S	PH	1978	WCPFC	6,143	1x1	MON	576	...	...	...	...	...	...	...	...
S	PH	1979	WCPFC	19,865	1x1	MON	1,104	...	...	...	...	...	...	...	...

(continued)

				Aggregate Data				Operational Data				Length Data					
Gear	Flag	Year	Region	Annual Catch	Area		Catch	Catch		Size		Area		Time	Size	int	Samples
				Estimate	Area	Time	recs	recs	Area	Time	int	Samples	Area	Time	int	Samples	
S	PH	1988	WCPFC	32,841	1x1	MON	1,764	609	...	...	...	...	...	...	...	...	...
S	PH	1989	WCPFC	42,423	1x1	MON	1,965	1,277	...	...	...	...	...	...	...	...	...
S	PH	1990	WCPFC	57,451	1x1	MON	1,762	1,241	...	...	...	...	...	...	...	...	...
S	PH	1991	WCPFC	68,207	1x1	MON	1,944	1,180	...	...	...	...	...	...	...	...	...
S	SB	1984	WCPFC	2,499	1x1	MON	142	86	...	...	...	...	...	...	...	...	...
S	SB	1985	WCPFC	2,385	1x1	MON	24	61	...	...	...	...	...	...	...	...	...
S	SB	1986	WCPFC	2,594	1x1	MON	50	163	...	...	...	...	...	...	...	...	...
S	SB	1987	WCPFC	3,535	1x1	MON	56	158	...	...	...	...	...	...	...	...	...
S	SB	1988	WCPFC	5,303	1x1	MON	219	196	...	...	...	...	...	...	...	...	...
S	SB	1989	WCPFC	5,236	1x1	MON	299	262	...	...	...	...	...	...	...	...	...
S	SB	1990	WCPFC	3,841	1x1	MON	233	257	...	...	...	...	...	...	...	...	...
S	SB	1991	WCPFC	5,519	1x1	MON	180	219	...	...	...	...	...	...	...	...	...
S	SB	1992	WCPFC	5,324	1x1	MON	346	336	...	...	...	...	...	...	...	...	...
S	SB	1993	WCPFC	4,392	1x1	MON	336	295	...	...	...	...	...	...	...	...	...
S	SB	1995	WCPFC	9,101	1x1	MON	278	360	...	...	...	...	...	...	...	...	...
S	SB	1996	WCPFC	7,009	1x1	MON	238	371	...	...	...	...	...	...	...	...	...
S	SB	1997	WCPFC	12,205	1x1	MON	451	737	...	...	...	...	...	...	...	...	...
S	SB	2009	WCPFC	8,900	1x1	MON	225	544	...	...	...	...	...	...	...	...	...
S	SU	1985	WCPFC	818	1x1	MON	24	41	...	...	...	...	...	...	...	...	...
S	SU	1986	WCPFC	4,015	1x1	MON	81	221	...	...	...	...	...	...	...	...	...
S	SU	1993	WCPFC	1,663	1x1	MON	174	78	...	...	...	...	...	...	...	...	...
S	SV	2001	WCPFC	272	1x1	MON	8	8	...	...	...	...	...	...	...	...	...
S	SV	2002	WCPFC	797	1x1	MON	19	23	...	...	...	...	...	...	...	...	...
S	SV	2003	WCPFC	45	1x1	MON	1	1	...	...	...	...	...	...	...	...	...
S	SV	2007	WCPFC	3,428	1x1	MON	56	59	...	...	...	...	...	...	...	...	...
S	SV	2008	WCPFC	7,603	1x1	MON	106	121	...	...	...	...	...	...	...	...	...
S	SV	2021	WCPFC	3,202	1x1	MON	174	207	...	...	...	...	...	...	...	...	...
S	SV	2022	WCPFC	2,290	1x1	MON	123	141	...	...	...	...	...	...	...	...	...
S	SV	2023	WCPFC	3,020	1x1	MON	138	164	...	...	...	...	...	...	...	...	...
S	TV	2021	WCPFC	23,898	1x1	MON	465	601	...	...	...	...	...	...	...	...	...
S	TW	1983	WCPFC	7,122	1x1	MON	59	116	...	...	...	...	...	...	...	...	...
S	TW	1984	WCPFC	14,277	1x1	MON	141	187	...	...	...	...	...	...	...	...	...
S	TW	1985	WCPFC	17,629	1x1	MON	252	450	...	...	...	...	...	...	...	...	...
S	TW	1986	WCPFC	21,870	1x1	MON	328	425	...	...	...	...	...	...	...	...	...
S	TW	1987	WCPFC	30,219	1x1	MON	594	751	...	...	...	...	...	...	...	...	...
S	TW	1988	WCPFC	45,687	1x1	MON	546	899	...	...	...	...	...	...	...	...	...
S	TW	1989	WCPFC	55,521	1x1	MON	726	1,449	...	...	...	...	...	...	...	...	...
S	TW	1990	WCPFC	73,863	1x1	MON	907	2,481	...	...	...	...	...	...	...	...	...
S	TW	1991	WCPFC	96,635	1x1	MON	1,081	2,178	...	...	...	...	...	...	...	...	...
S	TW	2021	WCPFC	160,791	1x1	MON	1,330	3,583	...	...	...	...	...	...	...	...	...
S	US	1984	WCPFC	93,112	1x1	MON	1,495	406	...	...	...	...	...	...	...	...	...
S	US	1985	WCPFC	68,651	1x1	MON	1,218	518	...	...	...	...	...	...	...	...	...
S	US	1986	WCPFC	76,555	1x1	MON	734	318	...	...	...	...	...	...	...	...	...
S	US	2021	WCPFC	37,731	1x1	MON	1,073	1,771	...	...	...	...	...	...	...	...	...
S	VN	2000	WCPFC	11,525	1x1	MON	4,096	...	...	...	...	...	...	...	...	...	...
S	VN	2001	WCPFC	12,130	1x1	MON	4,108	...	...	...	...	...	...	...	...	...	...
S	VN	2002	WCPFC	12,913	1x1	MON	4,002	...	...	...	...	...	...	...	...	...	...
S	VN	2003	WCPFC	12,836	1x1	MON	4,174	...	...	...	...	...	...	...	...	...	...
S	VN	2004	WCPFC	17,312	1x1	MON	4,226	...	...	...	...	...	...	...	...	...	...
S	VN	2005	WCPFC	17,959	1x1	MON	4,238	...	...	...	...	...	...	...	...	...	...
S	VN	2006	WCPFC	18,015	1x1	MON	4,246	...	...	...	...	...	...	...	...	...	...
S	VN	2007	WCPFC	18,576	1x1	MON	4,429	...	...	...	...	...	...	...	...	...	...
S	VN	2008	WCPFC	17,100	1x1	MON	4,440	...	...	...	...	...	...	...	...	...	...
S	VN	2009	WCPFC	12,926	1x1	MON	4,442	...	...	...	...	...	...	...	...	...	...
S	VN	2010	WCPFC	12,190	1x1	MON	5,120	...	...	...	...	...	...	...	...	...	...
S	VN	2011	WCPFC	18,350	1x1	MON	4,320	...	...	...	...	...	...	...	...	...	...
S	VN	2012	WCPFC	22,638	1x1	MON	4,474	...	...	...	...	...	...	...	...	...	...
S	VN	2013	WCPFC	18,895	1x1	MON	4,290	...	...	...	...	...	...	...	...	...	...
S	VN	2014	WCPFC	27,485	1x1	MON	4,313	10	...	...	...	...	...	...	...	...	...
S	VN	2015	WCPFC	32,691	1x1	MON	4,779	...	...	...	...	...	...	...	...	...	...
S	VN	2016	WCPFC	48,823	1x1	MON	2,981	...	...	...	...	...	...	...	...	...	...
S	VN	2017	WCPFC	46,014	1x1	MON	3,477	...	...	...	...	...	...	...	...	...	...
S	VN	2018	WCPFC	57,232	1x1	MON	4,980	...	...	...	...	...	...	...	...	...	...
S	VN	2019	WCPFC	55,380	1x1	MON	5,180	...	...	...	...	...	...	...	...	...	...
S	VN	2020	WCPFC	52,334	1x1	MON	4,648	...	...	...	...	...	...	...	...	...	...
S	VN	2021	WCPFC	50,836	1x1	MON	4,263	...	...	...	...	...	...	...	...	...	...
S	VN	2022	WCPFC	66,183	1x1	MON	2,233	...	...	...	...	...	...	...	...	...	...
S	VN	2023	WCPFC	58,480	1x1	MON	2,341	...	...	...	...	...	...	...	...	...	...
S	VU	1994	WCPFC	548	1x1	MON	10	17	...	...	...	...	...	...	...	...	...
S	VU	2000	WCPFC	27,947	1x1	MON	816	577	...	...	...	...	...	...	...	...	...
S	VU	2001	WCPFC	8,264	1x1	MON	93	109	...	...	...	...	...	...	...	...	...
S	VU	2002	WCPFC	14,876	1x1	MON	168	217	...	...	...	...	...	...	...	...	...
S	VU	2021	WCPFC	34,829	1x1	MON	609	891	...	...	...	...	...	...	...	...	...
S	AU	1975	WCPFC	1,900	...	...	...	...	...	...	...	...	...	...	...	...	...
S	AU	1978	WCPFC	113	...	...	...	...	...	...	...	...	...	...	...	...	...
S	AU	1980	WCPFC	17	...	...	...	...	...	...	...	...	...	...	...	...	...
S	AU	1981	WCPFC	244	...	...	...	...	...	...	...	...	...	...	...	...	...
S	AU	1982	WCPFC	31	...	...	...	...	...	...	...	...	...	...	...	...	...
S	AU	1983	WCPFC	114	...	...	...	...	...	...	...	...	...	...	...	...	...
S	AU	1984	WCPFC	56	...	...	...	...	...	...	...	...	...	...	...	...	...
S	EC	2000	WCPFC	2,249	...	...	...	...	...	...	...	...	...	...	...	...	...
S	EC	2001	WCPFC	532	...	...	...	...	...	...	...	...	...	...	...	...	...
S	EC	2002	WCPFC	274	...	...	...	...	...	...	...	...	...	...	...	...	...
S	EC	2003	WCPFC	667	...	...	...	...	...	...	...	...	...	...	...	...	...
S	EC	2004	WCPFC	1,702	...	...	...	...	...	...	...	...	...	...	...	...	...
S	EC	2005	WCPFC	3,270	...	...	...	...	...	...	...	...	...	...	...	...	...

(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
S	EC	2006	WCPFC	6,152	...	...	...	...	...	...	...	...	...	...	...	...
S	NZ	2022	WCPFC	928	...	...	...	...	...	...	...	...	...	...	...	...
S	NZ	2023	WCPFC	74	...	...	...	...	...	...	...	...	...	...	...	...
S	SB	1980	WCPFC	497	...	...	...	...	...	...	...	...	...	...	...	...
S	SB	1981	WCPFC	1,486	...	...	...	...	...	...	...	...	...	...	...	...
S	SB	1982	WCPFC	1,598	...	...	...	...	...	...	...	...	...	...	...	...
S	SB	1983	WCPFC	2,800	...	...	...	...	...	...	...	...	...	...	...	...
S	SU	1987	WCPFC	5,614	...	...	...	...	...	...	...	...	...	...	...	...
S	SU	1988	WCPFC	5,339	...	...	...	...	...	...	...	...	...	...	...	...
S	SU	1989	WCPFC	3,400	...	...	...	...	...	...	...	...	...	...	...	...
S	SU	1990	WCPFC	1,505	...	...	...	...	...	...	...	...	...	...	...	...
S	SU	1991	WCPFC	2,601	...	...	...	...	...	...	...	...	...	...	...	...
S	SU	1992	WCPFC	1,689	...	...	...	...	...	...	...	...	...	...	...	...
S	US	1976	WCPFC	500	...	...	...	...	...	...	...	...	...	...	...	...
S	US	1977	WCPFC	700	...	...	...	...	...	...	...	...	...	...	...	...
S	US	1980	WCPFC	9,900	...	...	...	...	...	...	...	...	...	...	...	...
S	CK	1990	WCPFC	...	...	...	...	16	...	...	...	...	...	...	...	...