Stock Name: California scorpionfish - Southern California

Assessed in: November 2015

Parameter Name	Abundance	Spawners	Recruitment	Catch
Type	Summary_Biomass	Female_Mature	Age	Total_Catch_Dead
Source	Model	Model	Model	Model
Basis	Biomass - mt	Biomass - mt	Numbers	Biomass - mt
Range	Age_2+	Mature	Age_0	All
Statistic	Mean	Mean	Mean	Mean
Scale	1	1	1	1
Year				
1914	1923	981	1981	
1915	1923	981	1981	
1916	1923	981	1981	4
1917	1920	979	1981	9
1918	1913	974	1980	14
1919	1901	967	1978	14
1920	1892	960	1977	19
1921	1879	952	1975	30
1922	1859	939	1972	23
1923	1847	931	1970	33
1924	1829	919	1967	55
1925	1792	895	1961	108
1926	1712	844	1947	56
1927	1690	829	1943	59
1928	1668	814	1939	53
1929	1656	806	1936	58
1930	1641	797	1933	50
1931	1635	793	1932	52
1932	1629	789	1931	50
1933	1625	787	1930	41
1934	1631	791	1931	43
1935	1635	793	1932	45
1936	1638	795	1933	65
1937	1621	785	1929	73
1938	1598	770	1925	88
1939	1566	749	1918	72
1940	1551	740	1914	68
1941	1542	734	1912	43
1942	1552	741	1914	20
1943	1582	760	1921	16

1944	1612	780	1928	24
1945	1632	793	1932	42
1946	1632	794	1932	66
1947	1611	781	1928	99
1948	1575	756	1920	163
1949	1503	707	1902	137
1950	1457	675	1889	162
1951	1403	639	1874	107
1952	1395	633	1871	105
1953	1391	631	1870	110
1954	1379	625	1867	126
1955	1357	611	1861	103
1956	1355	610	1860	92
1957	1359	614	1862	61
1958	1385	631	1870	58
1959	1411	648	1878	41
1960	1447	672	1888	44
1961	1480	693	1897	65
1962	1497	703	1901	93
1963	1491	699	1899	137
1964	1459	676	1890	187
1965	1403	637	1873	181
1966	1359	606	24	175
1967	1322	580	26	145
1968	1182	562	1344	156
1969	1007	515	32	147
1970	923	450	2502	185
1971	738	365	31	183
1972	738	294	1390	147
1973	621	256	30	156
1974	598	231	788	193
1975	472	194	2456	177
1976	405	160	2065	101
1977	517	163	1404	130
1978	617	180	2201	86
1979	700	233	1054	121
1980	817	284	595	184
1981	822	311	471	166
1982	782	326	1604	143
1983	722	324	1455	95
1984	753	322	3908	105
1985	774	318	4241	158
1986	945	319	4368	127

1987	1199	378	36	124
1988	1487	483	1924	282
1989	1407	557	1635	356
1990	1371	578	1193	380
1991	1274	538	3330	368
1992	1140	478	3282	171
1993	1236	478	3051	148
1994	1364	504	4178	220
1995	1441	529	3004	228
1996	1607	579	2629	287
1997	1682	628	2195	341
1998	1696	660	3219	296
1999	1678	687	4608	511
2000	1622	632	3421	368
2001	1726	606	2098	349
2002	1782	615	1860	194
2003	1827	695	1894	171
2004	1838	763	1921	55
2005	1882	836	1945	75
2006	1888	869	1954	148
2007	1838	849	1949	138
2008	1786	824	1941	102
2009	1752	811	1937	112
2010	1712	792	1932	105
2011	1679	776	1927	104
2012	1648	762	1922	120
2013	1611	741	1915	115
2014	1583	726	1909	124
2015	1554	708	1903	

TIME SERIES HEADER DESCRIPTIONS

Type: Provides a more detailed definition of the data being entered.

Source: Describes where a particular type of data comes from. Typical data sources include Model (output from an assessment model), Survey (index of survey observations), or Fishery (e.g. reported catch rather than a model estimate of catch).

Basis: Describes the units for the values being reported. For example: biomass-mt means stock weight in metric tons.

Range: Used in conjunction with type to refine the description of the data being entered. The range specifies a subset of the population to which the data apply. For example, Age 3+ means fish that are age 3 and older, or mature means just the mature portion of the stock.

Statistic: Describes the statistical characteristics of a time series column, and may include mean, median, index, observed, official, MCMC, lower 95% CI, upper 95% CI, etc.

Scalar: Describes a multiplier by which the reported values should be multiplied to restore them to their natural units. For example, if biomass is reported in 1000 mt, then a value of 1000 is entered in this field.