

NOAA NMFS Stock Assessment Time Series Data

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Stock Name: Cabezon - Southern Pacific Coast

Assessed in: September 2009

Parameter Name	Abundance	Spawners	Recruitment	Catch
Type	Summary biomass	Female Mature	Age	Total catch
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	1000	1
Year				
1916	2305	1299	1082	1
1917	2304	1299	1082	1
1918	2303	1298	1082	1
1919	2302	1297	1082	1
1920	2301	1297	1082	1
1921	2301	1296	1082	1
1922	2300	1296	1082	1
1923	2300	1296	1082	1
1924	2300	1295	1082	1
1925	2299	1295	1082	3
1926	2298	1294	1082	1
1927	2298	1294	1082	1
1928	2297	1294	1082	2
1929	2296	1293	1082	3
1930	2295	1292	1081	5
1931	2292	1290	1081	6
1932	2289	1287	1081	9
1933	2284	1283	1081	10
1934	2278	1279	1080	12
1935	2271	1274	1080	16
1936	2262	1267	1079	23
1937	2248	1256	1078	17
1938	2241	1251	1078	28
1939	2226	1239	1076	16
1940	2223	1236	1076	22
1941	2216	1231	1076	20
1942	2210	1227	1075	15
1943	2209	1226	1075	18
1944	2207	1224	1075	16
1945	2206	1224	1075	16

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1946	2205	1223	1075	18
1947	2203	1222	1075	69
1948	2158	1189	1071	92
1949	2099	1144	1066	90
1950	2048	1106	1062	103
1951	1993	1064	1056	120
1952	1931	1018	1050	76
1953	1912	1003	1048	54
1954	1915	1005	1048	54
1955	1917	1009	1049	55
1956	1919	1011	1050	100
1957	1881	986	1046	85
1958	1861	970	1044	64
1959	1862	969	1044	46
1960	1879	980	1046	33
1961	1905	997	1048	31
1962	1931	1016	1051	51
1963	1937	1021	1051	109
1964	1893	989	1047	60
1965	1895	990	1047	81
1966	1879	978	1045	106
1967	1844	953	1042	60
1968	1851	958	1042	53
1969	1864	967	1044	57
1970	1872	973	2092	75
1971	1864	967	1657	54
1972	2014	976	1403	128
1973	2085	955	1191	97
1974	2164	990	943	93
1975	2210	1051	766	72
1976	2217	1118	705	84
1977	2161	1152	1008	77
1978	2073	1156	1355	127
1979	1961	1097	757	91
1980	1933	1042	788	185
1981	1782	935	821	171
1982	1659	862	561	167
1983	1538	802	760	119
1984	1438	762	991	120
1985	1356	717	421	89
1986	1351	686	1056	165
1987	1216	617	1177	134
1988	1175	577	685	109

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1989	1200	544	685	118
1990	1186	523	1087	111
1991	1163	531	847	106
1992	1184	540	744	158
1993	1151	507	1397	106
1994	1151	511	1262	102
1995	1225	523	776	169
1996	1268	498	746	202
1997	1228	484	1395	200
1998	1165	488	1426	268
1999	1112	437	1010	177
2000	1186	420	578	157
2001	1252	438	550	128
2002	1262	500	810	98
2003	1257	567	885	150
2004	1221	567	631	102
2005	1223	567	978	85
2006	1211	568	859	60
2007	1250	585	941	56
2008	1287	602	958	50
2009	1342	626	968	

### 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.