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NOAA NMFS Stock Assessment Time Series Data

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Stock Name: Brown rockfish - Pacific Coast

Assessed in: November 2013

Parameter Name	Catch	Abundance	Spawners
Type	Total Catch	Summary Biomass	Relative Depletion
Source	Fishery	Model	Model
Basis	Biomass-mt	Biomass-mt	Relative to Unfished
Range	All	4+ years	Rate
Statistic	Externally Calculated	Median	Median
Scale	1	1	1
Year			
1916	9	3572	1.0
1917	14	3563	1.0
1918	17	3550	1.0
1919	12	3536	1.0
1920	12	3528	1.0
1921	10	3523	1.0
1922	8	3520	1.0
1923	9	3518	1.0
1924	5	3516	1.0
1925	8	3517	1.0
1926	10	3517	1.0
1927	4	3514	1.0
1928	6	3517	1.0
1929	5	3520	1.0
1930	10	3522	1.0
1931	14	3518	1.0
1932	14	3511	1.0
1933	16	3505	1.0
1934	11	3498	1.0
1935	14	3495	1.0
1936	15	3491	1.0
1937	17	3485	1.0
1938	18	3478	1.0
1939	20	3471	1.0
1940	22	3464	1.0
1941	22	3455	1.0
1942	7	3449	1.0
1943	9	3459	1.0
1944	6	3465	1.0
1945	12	3473	1.0

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1946	23	3473	1.0
1947	14	3463	1.0
1948	23	3463	1.0
1949	30	3454	1.0
1950	30	3438	1.0
1951	46	3424	1.0
1952	47	3395	1.0
1953	37	3370	.9
1954	51	3356	.9
1955	99	3330	.9
1956	106	3257	.9
1957	109	3189	.9
1958	129	3127	.9
1959	91	3052	.9
1960	106	3026	.9
1961	85	2985	.8
1962	92	2968	.8
1963	116	2946	.8
1964	94	2901	.8
1965	120	2882	.8
1966	136	2842	.8
1967	150	2788	.8
1968	156	2727	.8
1969	127	2665	.8
1970	161	2640	.8
1971	161	2582	.7
1972	213	2531	.7
1973	310	2429	.7
1974	360	2242	.6
1975	314	2027	.6
1976	334	1884	.5
1977	285	1733	.5
1978	203	1638	.5
1979	196	1620	.5
1980	413	1598	.5
1981	141	1348	.4
1982	260	1396	.4
1983	140	1310	.4
1984	237	1356	.4
1985	218	1267	.4
1986	267	1215	.4
1987	190	1112	.3
1988	320	1101	.3

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1989	213	950	.3
1990	173	919	.3
1991	170	913	.3
1992	142	908	.3
1993	138	907	.3
1994	76	906	.3
1995	77	962	.3
1996	107	1012	.3
1997	154	1025	.3
1998	98	988	.3
1999	126	1022	.3
2000	102	1034	.3
2001	152	1073	.3
2002	95	1049	.3
2003	169	1089	.3
2004	58	1054	.3
2005	100	1138	.3
2006	89	1166	.3
2007	76	1210	.4
2008	73	1255	.4
2009	85	1312	.4
2010	97	1353	.4
2011	113	1382	.4
2012	95	1401	.4
2013		1445	.4

#### 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.