

NOAA NMFS Stock Assessment Time Series Data

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Stock Name: Black rockfish - Northern Pacific Coast

Assessed in: September 2007

Parameter Name	Abundance	Spawners	Recruitment	Catch
Type		Female only		Total catch
Source	Model	Model	Model	unknown
Basis	Biomass-mt	unknown	Numbers	Biomass-mt
Range	Age 3+	unknown	Age 0	unknown
Statistic				
Scale	1	1	1000	1
Year				
1915	11390	2321	3377	0
1916	11390	2321	3377	0
1917	11390	2321	3377	0
1918	11390	2321	3377	0
1919	11390	2321	3377	0
1920	11390	2321	3377	0
1921	11390	2321	3377	0
1922	11390	2321	3377	0
1923	11390	2321	3377	0
1924	11390	2321	3377	0
1925	11390	2321	3377	0
1926	11390	2321	3377	0
1927	11390	2321	3377	0
1928	11390	2321	3377	0
1929	11390	2321	3377	0
1930	11390	2321	3377	0
1931	11390	2321	3377	0
1932	11390	2321	3377	0
1933	11390	2321	3377	0
1934	11390	2321	3377	0
1935	11390	2321	3377	0
1936	11390	2321	3377	0
1937	11390	2321	3377	0
1938	11390	2321	3377	0
1939	11390	2321	3377	1
1940	11389	2320	3377	6
1941	11384	2319	3377	14
1942	11372	2315	3376	22
1943	11355	2309	3375	29
1944	11334	2301	3373	37
1945	11308	2292	3370	45

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1946	11278	2281	3368	53
1947	11246	2270	3365	67
1948	11204	2255	3361	68
1949	11167	2242	3358	76
1950	11128	2228	3354	85
1951	11084	2214	3350	94
1952	11039	2198	3346	103
1953	10990	2182	3342	111
1954	10939	2165	3338	120
1955	10886	2148	3333	129
1956	10832	2130	3328	138
1957	10775	2112	3323	146
1958	10717	2093	3317	155
1959	10657	2074	3312	164
1960	10596	2055	3306	173
1961	10534	2035	3300	181
1962	10471	2015	3294	190
1963	10406	1994	3288	199
1964	10340	1974	3281	168
1965	10308	1965	3279	249
1966	10207	1933	3268	300
1967	10073	1889	3253	191
1968	10050	1882	3869	332
1969	9904	1834	3252	377
1970	9735	1777	2832	207
1971	9847	1777	2829	202
1972	9852	1781	2891	134
1973	9839	1806	3569	187
1974	9796	1816	4242	255
1975	9689	1806	2795	442
1976	9517	1744	2646	104
1977	9772	1787	2817	262
1978	9605	1777	3374	520
1979	9217	1680	2596	286
1980	9148	1655	2093	440
1981	9013	1593	1937	528
1982	8640	1528	1920	597
1983	8134	1443	2625	609
1984	7639	1360	2286	702
1985	7060	1257	2470	567
1986	6739	1186	1689	693
1987	6235	1085	3027	648
1988	5836	981	1931	704

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1989	5314	853	4011	532
1990	5240	774	2433	517
1991	5023	710	2361	536
1992	5158	653	2267	478
1993	5128	619	2623	424
1994	5122	608	4625	428
1995	5180	606	2349	273
1996	5423	649	2157	288
1997	5977	707	3104	312
1998	6066	762	2705	264
1999	6147	826	5355	223
2000	6516	891	2429	226
2001	6739	959	2075	190
2002	7405	1043	2283	239
2003	7485	1114	2536	238
2004	7470	1171	2702	269
2005	7564	1211	2780	334
2006	7558	1239	2819	323
2007	7515	1281	2975	325

### 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.