
NOAA NMFS Stock Assessment Time Series Data

Stock Name: Vermilion snapper - Southern Atlantic Coast

Assessed in: October 2012

Parameter Name	Recruitment	Spawners
Type	Age	Fecundity
Source	Model	Model
Basis	Numbers	Eggs
Range	Age 1	Mature
Statistic	Mean	Mean
Scale	1	10^{12}
Year		
1946	4694380	24.3
1947	4694380	24.2
1948	4694037	24.2
1949	4693071	24.1
1950	4691535	24.0
1951	4689477	23.8
1952	4686934	23.6
1953	4683938	23.5
1954	4680509	23.2
1955	4676664	23.0
1956	4672409	22.7
1957	4667746	22.5
1958	4662670	22.2
1959	4657164	21.9
1960	4651195	21.6
1961	4644731	21.2
1962	4637080	20.8
1963	4627981	20.4
1964	4618773	20.0
1965	4610603	19.7
1966	4602713	19.4
1967	4595693	19.2
1968	4589872	19.0
1969	4584778	18.8
1970	4580642	18.7
1971	4577758	18.6
1972	4574650	18.4
1973	4569587	18.2
1974	4563849	18.0
1975	4557479	17.6
1976	1433484	16.0
1977	11626940	18.3

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1978	1741213	17.6
1979	1378550	15.5
1980	3910927	14.2
1981	2845939	12.6
1982	8308869	13.2
1983	6850377	13.7
1984	3791455	12.9
1985	5972846	12.5
1986	6432325	12.5
1987	2694645	11.2
1988	2165338	9.2
1989	15001180	12.3
1990	1005395	10.9
1991	2239498	8.5
1992	5757577	8.7
1993	1372170	7.9
1994	6245679	8.5
1995	1004758	7.5
1996	3681287	7.1
1997	5900038	8.1
1998	4099411	8.5
1999	5539680	9.3
2000	4761604	9.3
2001	3146410	8.2
2002	4947044	7.9
2003	4484139	8.2
2004	1100249	7.0
2005	4701570	6.9
2006	5639166	7.7
2007	3346297	7.4
2008	3244547	6.8
2009	2668160	6.2
2010	3079231	6.0
2011	3121279	5.9

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.