
NOAA NMFS Stock Assessment Time Series Data

Stock Name: Red grouper - Southern Atlantic Coast

Assessed in: April 2010

Parameter Name	Recruitment	Spawners	Catch
Type	Age	Total Mature	Total catch
Source	Model	Model	Model
Basis	Numbers	Biomass-mt	Biomass-lb
Range	Age 1	Mature	All
Statistic	Mean	Mean	Mean
Scale	1	1000	1000
Year			
1976	387103	2158	2173
1977	369960	2002	1896
1978	454716	1749	1739
1979	411144	1492	1537
1980	226950	1290	1307
1981	267500	1152	873
1982	451465	1054	1150
1983	492060	847	1536
1984	357885	572	1454
1985	380791	415	689
1986	263117	418	810
1987	434332	391	705
1988	296026	427	543
1989	168107	475	711
1990	138277	488	383
1991	256839	552	266
1992	462641	623	401
1993	158443	683	661
1994	257916	717	480
1995	534542	809	566
1996	601076	920	728
1997	178370	1057	716
1998	114377	1153	820
1999	271691	1200	643
2000	281622	1247	572
2001	323418	1260	604
2002	412077	1248	791
2003	468750	1240	819
2004	884297	1306	769
2005	500450	1589	611
2006	125195	1944	835
2007	179821	2125	1264

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2008	426521	2051	1427
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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.