Stock Name: Gulf of Alaska Blackspotted and Rougheye Rockfish Complex
Assessed in: December 2016

Parameter Name	Recruitment	Spawners	Catch	Index	Index
Type	Single age	Relative reproductive output	Total	Area swept	Catch rate
Source	Model	Model	Fishery	Gulf of Alaska Biennial Bottom Trawl Survey	Alaska Longline Survey_Summer
Basis	Numbers	Biomass (mt)	metric tons	Biomass (mt)	Relative numbers
Range	Age 3	Mature female	All	Available and selected	Available and selected
Statistic	MLE	MLE	Official	Mean	Mean
Scale	1e+06	1	1	1	1
Year					
1977	1.4	19310	1445		
1978	1.6	18890	574		
1979	4.7	18812	650		
1980	1.4	18684	1352		
1981	1.3	18244	723		
1982	1.6	18055	573		
1983	2.8	17923	632		
1984	2.9	17763	766	45091	
1985	1.7	17545	134		
1986	1.8	17590	444		
1987	1.5	17502	528	43681	
1988	1.2	17375	1596		
1989	1.0	16801	2140		
1990	1.0	16011	2337	44837	
1991	1.0	15163	353		
1992	1.0	15178	1105		
1993	3.8	14910	576	61863	23269
1994	1.3	14870	578		22622
1995	1.1	14830	702		27472
1996	1.4	14746	557	45913	25624
1997	2.7	14726	544		37070
1998	2.3	14705	663		24570
1999	1.5	14617	320	39560	27254
2000	2.0	14652	530		37894

2001	2.7	14612	591		29523
2002	1.4	14460	273		27517
2003	2.3	14428	394	43202	24389
2004	2.2	14346	301		27913
2005	1.9	14328	294	47875	18863
2006	1.4	14320	372		20478
2007	1.3	14276	440	59889	33663
2008	1.4	14222	382		30960
2009	2.0	14203	276	50774	29751
2010	1.3	14244	427		35288
2011	1.6	14242	542	44115	39783
2012	1.9	14211	570		26962
2013	2.6	14186	575	27581	23939
2014	1.6	14170	738		33464
2015	1.6	14133	550	34553	31448
2016	1.8	13808			

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.