Stock Name: Pacific cod - Gulf of Alaska

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 0	Mature female	All	Available and selected	Available and selected
Statistic	MLE	MLE	Official	Mean	Mean
Scale	1000	1	1	1	1
Year					
1977	1560320	132288	2268		
1978	473150	143662	12190		
1979	728567	140577	14904		
1980	800661	140510	35345		
1981	479894	160674	36131		
1982	553628	195573	29465		
1983	628260	208359	36540		
1984	911828	210756	23898		
1985	734841	214062	14428		
1986	562137	211320	25012		
1987	691993	203962	32939		
1988	573154	202311	33802		
1989	725853	208232	43293		
1990	668225	204737	72517	212132	116398
1991	490633	184631	76300		110036
1992	429315	167683	80073		136311
1993	408730	153458	55709	231963	153894
1994	421186	154515	46649		96532
1995	502175	155936	68085		120700
1996	351079	140471	68064	319068	84530
1997	319589	121770	67840		104610
1998	391862	104708	61520		125846
1999	541856	94669	67928	166584	91407
2000	446123	84749	54266		54310

2001	232266	77686	41533	158424	33841
2002	265048	75598	42307		51900
2003	254536	78189	52461	159749	59952
2004	388603	80825	56569		53108
2005	590898	76536	47538	139895	29864
2006	668395	67698	47822		34316
2007	531469	57804	51895	192306	34992
2008	753797	51227	58666		26881
2009	348317	53606	52633	573469	68391
2010	400622	69069	77623		86722
2011	752135	77629	84385	348060	93732
2012	1099000	81332	77195		63749
2013	569935	85112	67394	337992	48534
2014	261194	81117	83687		69653
2015	416381	75486	77771	196334	88410
2016	545969	91208			83887

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.