

Assessment of West Coast of Vancouver Island pacific cod (*Gadus macrocephalus*)

Assessment ID:DFO-PAC-PCODWCVANI-1956-2002-COLLIE

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/311>

Area ID: Canada-DFO-WCVANI

General assessment details.

Detail	Value
Management body	DFO
Assessment group	Department of Fisheries and Oceans - Pacific Region
Assessment authors	Sinclair, A.F.
Assessment method	Delay difference model
Publication year	2002
Timeseries span	1956-2002
Document	2002-113.pdf (pdf in database)
Recorder	COLLIE
Date entered	2008-04-13
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QA/QC complete	YES
Date approved	2009-05-13

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

			Parameter	Value	Units
primary LME	secondary LME	tertiary LME	M-1/yr	0.579	1/yr
			SSB-AGE-yr	2+	yr
			REC-AGE-yr	2	yr
			F-AGE-yr-yr	2+	yr-yr
			TB-AGE-yr	2+	yr
			M		
2 - Gulf of Alaska	na	na	A50-yr		
			L50-cm		
			Reference points		
			Parameter	Value	Units
			Bmsy-MT (TB)	6731	MT
			Fmsy-1/yr (F)	0.226	1/yr
			Fext-1/yr (F)	0.539	1/yr
			TB_{2002}/B_{msy}	1.037	
			F_{2001}/F_{msy}	0.469	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year		1956	1956	1956	1956
Maximum year		2002	2001	2002	2001
Time series minimum		420	0.056	1827	51
Time series maximum		13718	0.729	20426	5774
Units	E03	1/T	MT	MT	MT

