

# 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 not in database)
Recorder	COLLIE
Date entered	2008-04-13
Date last loaded	2011-07-25
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.

primary LME			secondary LME			tertiary LME		
2 - Gulf of Alaska			na			na		
Parameter	Value	Units						
M-1/yr	0.579	1/yr	Reference points					
SSB-AGE-yr	2+	yr	Parameter	Value	Units			
SSB-SEX-sex	0	sex	Bmsy-MT (TB)	6731	MT			
REC-AGE-yr	2	yr	Fmsy-1/yr (F)	0.226	1/yr			
F-AGE-yr-yr	2+	yr-yr	Fext-1/yr (F)	0.539	1/yr			
TB-AGE-yr	2+	yr	$TB_{2002}/B_{msy}$	1.037				
M			$F_{2001}/F_{msy}$	0.469				
A50-yr								
L50-cm								

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

