

# Assessment of Gulf of Alaska pacific cod (*Gadus macrocephalus*)

Assessment ID: AFSC-PCODGA-1964-2008-MELNYCHUK

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/271>

Area ID: USA-NMFS-GA

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Alaska Fisheries Science Center
Assessment authors	Thompson, G.
Assessment method	Stock Synthesis v2.0 model
Publication year	2008
Timeseries span	1964-2008
Document	AFSC-PCODGA-2008-Pacific-cod-GA.pdf (pdf in database)
Recorder	MELNYCHUK
Date entered	2009-04-16
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QA/QC complete	YES
Date approved	2010-07-27

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			
SSB-AGE-yr	4.3	yr	Reference points		
SSB-SEX-sex	1	sex	Parameter	Value	Units
REC-AGE-yr	0	yr	Fmsy-1/yr (F)	0.64	1/yr
TB-AGE-yr	0+	yr	NATMORT-1/yr (M)	0.38	1/yr
A50-yr	4.3	yr	F40%-1/T	0.52	1/T
L50-cm	58	cm	SSBmsy-MT (SSB)	89400	MT
M-1/yr	0.38	1/yr	SSBF40%-MT	102200	MT
NATMORT-1/yr	0.38	1/yr	$SSB_{2008}/SSB_{msy}$	0.911	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1977	1977		1977	1964
Maximum year	2008	2006		2008	2007
Time series minimum	42383	15000		130021	196
Time series maximum	143190	1334000		405770	81784
Units	MT	E03		MT	MT

