

# Assessment of Gulf of Alaska walleye pollock (*Theragra chalcogramma*)

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

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/272>

Area ID: USA-NMFS-GA

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Alaska Fisheries Science Center
Assessment authors	Dorn, Martin
Assessment method	an AD-Model builder statistical Catch at Age Model
Publication year	2008
Timeseries span	1964-2008
Document	AFSC-WPOLLGA-2008-Walleye pollock GA.pdf (pdf in database)
Recorder	MELNYCHUK
Date entered	2009-04-16
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QA/QC complete	YES
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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	
			Reference points		
Parameter	Value	Units	Parameter	Value	Units
SSB-AGE-yr	4.9	yr	Fmsy-1/yr (F)	0.286	1/yr
SSB-SEX-sex	1	sex	NATMORT-1/yr (M)	0.3	1/yr
REC-AGE-yr	2	yr	F40%-1/T	0.245	1/T
TB-AGE-yr	3+	yr	SSBmsy-MT (SSB)	208000	MT
A50-yr	4.9	yr	MSY-MT (TB)	169000	MT
L50-cm	43	cm	Umsy-ratio (U)	0.187	ratio
M-1/yr	0.3	1/yr	Bmsy-MT (TB)	903000	MT
NATMORT-1/yr	0.3	1/yr	SSBF40%-MT	237000	MT
F-AGE-yr			BF40%-MT	975000	MT
M			U40%-ratio	0.161	ratio
			$TB_{2008}/B_{msy}$	0.595	
			$SSB_{2008}/SSB_{msy}$	0.774	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1977	1975		1977	1964
Maximum year	2008	2006		2008	2007
Time series minimum	130000	83000		481000	1126
Time series maximum	745000	3636000		4157000	307401
Units	MT	E03		MT	MT

