

# Assessment of Bering Sea and Aleutian Islands atka mackerel (*Pleurogrammus monopterygius*)

Assessment ID: AFSC-ATKABSAI-1976-2009-STANTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/240>

Area ID: USA-NMFS-BSAI

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Alaska Fisheries Science Center
Assessment authors	Lowe, S
Assessment method	an AD-Model builder statistical Catch at Age Model
Publication year	2009
Timeseries span	1976-2009
Document	2008.SAFE.BSAIatka.pdf (pdf not in database)
Recorder	STANTON
Date entered	2009-04-08
Date last loaded	2011-06-14
QA/QC complete	YES
Date approved	2010-02-10

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

			primary LME	secondary LME	tertiary LME
			1 - East Bering Sea	na	na
Parameter	Value	Units			
SSB-AGE-yr	3+	yr	Reference points		
SSB-SEX-sex	1	sex	Parameter	Value	Units
REC-AGE-yr	1	yr	Fref-1/T (F)	0.394	1/T
F-AGE-yr-yr	1+	yr-yr	NATMORT-1/yr (M)	0.3	1/yr
TB-AGE-yr	3+	yr	F40%-1/T	0.394	1/T
A50-yr	3.6	yr	SSBmsy-MT (SSB)	85500.00	MT
M-1/yr	0.3	1/yr	BH-h-dimless	0.8	dimless
NATMORT-1/yr	0.3	1/yr	Bpa-MT (TB)	97800.00	MT
M			$SSB_{2009}/SSB_{msy}$	1.548	
L50-cm					

Time series minima and maxima

	SSB	R	F	TB	Catch
Minimum year	1977	1976	1977	1977	1977
Maximum year	2009	2006	2008	2009	2008
Time series minimum	75681	139000	0.046	194180	11726
Time series maximum	196040	1332000	0.478	721683	103942
Units	MT	E03	1/yr	MT	MT

