

Assessment of North Pacific pacific sardine (*Sardinops sagax*)

Assessment ID: NMFS-SARDNPAC-1981-2008-STANTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/408>

Area ID: USA-NMFS-NPAC

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	NOAA Fisheries - National Marine Fisheries Service
Assessment authors	Hill, Kevin
Assessment method	an AD-Model builder statistical Catch at Age Model
Publication year	2007
Timeseries span	1981-2008
Document	2008 pac sardine.pdf (pdf in database)
Recorder	STANTON
Date entered	2009-08-04
Date last loaded	2009-11-03
QA/QC complete	NO
Date approved	

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	1 - East Bering Sea	na
Parameter	Value	Units			
SSB-AGE-yr	1	yr			
SSB-SEX-sex	1	sex			
REC-AGE-yr	0	yr			
TB-AGE-yr	1+	yr			
L50-cm	16	cm			
M-1/yr	0.4	1/yr			
NATMORT-1/yr	0.4	1/yr			
F-AGE-yr					
M					
A50-yr					

Reference points		
Parameter	Value	Units
Fmsy-1/yr (F)	0.15	1/yr
NATMORT-1/yr (M)	0.4	1/yr
MSY-MT (TB)	89093	MT

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1981	1981		1981	1981
Maximum year	2008	2008		2008	2006
Time series minimum	1257	22000000		1315	65007
Time series maximum	817219	16351000000		1002330	420280
Units	MT	E03		MT	MT

