

Assessment of Bering Sea and Aleutian Islands shortraker rockfish (*Sebastes borealis*)

Assessment ID:AFSC-SRAKEROCKBSAI-1977-2008-STANTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/236>

Area ID: USA-NMFS-BSAI

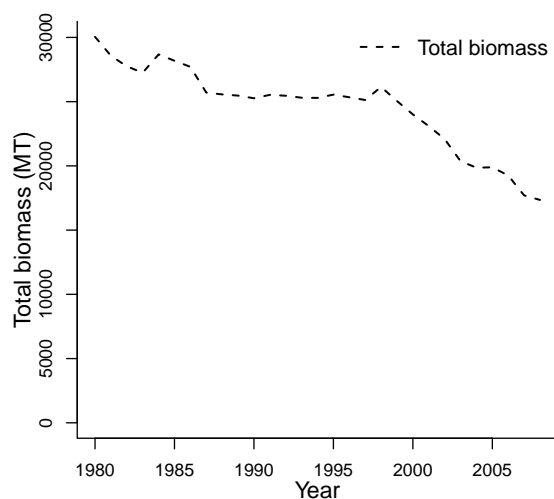
General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Alaska Fisheries Science Center
Assessment authors	Spencer PD
Assessment method	an AD-Model builder statistical Catch at Age Model
Publication year	2009
Timeseries span	1977-2008
Document	2008.SAFE.BSAIshortraker.pdf (pdf not in database)
Recorder	STANTON
Date entered	2009-04-01
Date last loaded	2009-05-14
QA/QC complete	YES
Date approved	2010-02-10

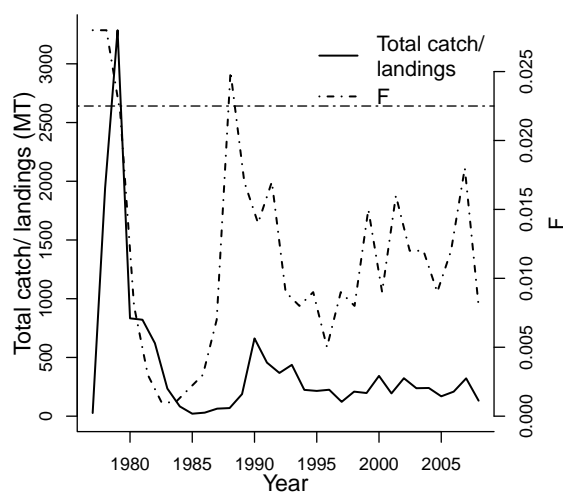
Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

primary LME			secondary LME	tertiary LME	
1 - East Bering Sea			na	na	
Parameter	Value	Units	Reference points		
			Parameter	Value	Units
SSB-SEX-sex	1	sex	SSBmsy-MT (SSB)	139188	MT
TB-AGE-yr	0+	yr	Flim-1/yr (F)	0.03	1/yr
M-1/yr	0.03	1/yr	Fmsy-1/yr (F)	0.0225	1/yr
REC-AGE			Fpa-1/yr (F)	0.0225	1/yr
SSB-AGE-yr			F_{2008}/F_{lim}	0.267	
F-AGE-yr			F_{2008}/F_{msy}	0.356	
M					
A50-yr					
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year			1980	1980	1977
Maximum year			2008	2008	2008
Time series minimum			0.001	17348	21
Time series maximum			0.028	30045	3286
Units			1/yr	MT	MT



No recruitment
data available



No SSB–recruit
data available