

# Assessment of Southern Pacific Coast black rockfish (*Sebastes melanops*)

Assessment ID: NWFSC-BLACKROCKSPCOAST-1915-2007-BRANCH  
 Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/37>

Area ID: USA-NMFS-SPCOAST

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Northwest Fisheries Science Center
Assessment authors	Sampson, D.B.
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1915-2007
Document	NWFSC-BLACKROCKSPCOAST-2007-Black rockfish OR CA.pdf (pdf in database)
Recorder	BRANCH
Date entered	2008-11-19
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QA/QC complete	YES
Date approved	2009-05-01

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

primary LME			secondary LME	tertiary LME	
3 - California Current			na	na	
			Reference points		
			Parameter	Value	Units
Parameter	Value	Units	BH-h-dimless	0.6	dimless
			SSBlim-MT (SSB)	1614	MT
SSB-AGE-yr	7.1	yr	SSBmsy-E06lar (SSB)	1444.6	E06larvae
SSB-SEX-sex	1	sex	Fmsy-1/yr (F)	0.08864	1/yr
REC-AGE-yr	0	yr	SSB0-E06lar (SSB)	4578	E06larvae
F-AGE-yr-yr	2+	yr-yr	R0-E03 (R )	7852	E03
TB-AGE-yr	0+	yr	SSBtarget-MT (SSB)	1831.4	MT
L50-cm	39.53	cm	SSBmin-ratio (SSB)	0.25	ratio
M-1/yr	0.16	1/yr	Ftarget-1/yr (F)	0.07227	1/yr
A50-yr	7.1	yr	SPRtarget-ratio (SPR)	0.5	ratio
M			MSY-MT (TB)	1064.6	MT
			$SSB_{2007}/SSB_{lim}$	1.999	
			$F_{2006}/F_{msy}$	0.327	
			$SSB_{2007}/SSB_{msy}$	2.233	

Time series minima and maxima

	SSB	R	F	TB	Catch
Minimum year	1915	1915	1915	1915	1915
Maximum year	2007	2007	2006	2007	2006
Time series minimum	1614.2	3264	0	13206	0
Time series maximum	4578.5	14068	0.094	29344	1455.3
Units	E06larvae	E03	1/yr	MT	MT

