

# Assessment of California blue rockfish (*Sebastes mystinus*)

Assessment ID: NWFSC-BLUEROCKCAL-1916-2007-BRANCH  
 Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/39>

Area ID: USA-NMFS-CAL

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Northwest Fisheries Science Center
Assessment authors	Key, M
Assessment method	Stock Synthesis v2.0 model
Publication year	2008
Timeseries span	1916-2007
Document	NWFSC-BLUEROCKCAL-2007-Blue rockfish CA.pdf (pdf in database)
Recorder	BRANCH
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QA/QC complete	YES
Date approved	2009-06-02

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	0.58	dimless
			Blim-MT (TB)	205	MT
SSB-AGE-yr	6+	yr	SSBmsy-E06lar (SSB)	831	E06larvae
SSB-SEX-sex	1	sex	Fmsy-1/yr (F)	0.0403	1/yr
REC-AGE-yr	0	yr	SSB0-MT (SSB)	2077	MT
F-AGE-yr-yr	1+	yr-yr	R0-E03 (R )	3220	E03
TB-AGE-yr	1+	yr	SSBtarget-E06lar (SSB)	831	E06larvae
L50-cm	29	cm	SSBmin-ratio (SSB)	0.25	ratio
M-1/yr	0.12	1/yr	Ftarget-1/yr (F)	0.0403	1/yr
A50-yr	6	yr	SPRtarget-ratio (SPR)	0.5	ratio
M			MSY-MT (TB)	275	MT
			B0-MT	13223	MT
			$F_{2007}/F_{msy}$	1.191	
			$SSB_{2007}/SSB_{msy}$	0.748	

Time series minima and maxima

	SSB	R	F	TB	Catch
Minimum year	1916	1916	1916	1916	1916
Maximum year	2007	2007	2007	2007	2007
Time series minimum	205	519	0	2979	0.4
Time series maximum	2077	7792	0.192	13223	865.6
Units	E06larvae	E03	1/yr	MT	MT

