

# Assessment of Gulf of Mexico king mackerel (*Scomberomorus cavalla*)

Assessment ID:SEFSC-KMACKGM-1992-2001-JENSEN

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/71>

Area ID: USA-NMFS-GM

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Southeast Fisheries Science Center
Assessment authors	NULL
Assessment method	Virtual Population Analysis
Publication year	2004
Timeseries span	1992-2001
Document	JENSEN_KMACKGMSATLC.2004.pdf (pdf not in database)
Recorder	JENSEN
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Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

			primary LME	secondary LME	tertiary LME
			5 - Gulf of Mexico	na	na
Parameter	Value	Units			
M-1/yr	0.2	1/yr			
REC-AGE					
SSB-AGE-yr					
SSB-SEX-sex					
TB-AGE-yr					
F-AGE-yr					
M					
A50-yr					
L50-cm					

  

			Reference points		
Parameter	Value	Units	Parameter	Value	Units
			F <sub>msy</sub> -1/T (F)	0.269	1/T
			MSY-MT (TB)	5178.659864	MT
			SSB <sub>msy</sub> -E03eggs	6385000000	E03eggs
			$F_{2001}/F_{msy}$	0.595	
			$SSB_{2001}/SSB_{msy}$	0.930	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1992	1992	1992	1992	1992
Maximum year	2001	2001	2001	2001	2001
Time series minimum	4830000000	2080	0.12	31433.93	3184.22
Time series maximum	5940000000	5270	0.22	36033.35	4921.47
Units	E03eggs	E03	1/yr	MT	MT

