

# Assessment of Gulf of Mexico gulf menhaden (*Brevoortia patronus*)

Assessment ID:SEFSC-MENATGM-1964-2004-GILROY

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/141>

Area ID: USA-NMFS-GM

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Southeast Fisheries Science Center
Assessment authors	Shertzer, Kyle
Assessment method	Statistical catch-at-age model
Publication year	2007
Timeseries span	1964-2004
Document	GILROY-MENHADENGGM-2007.pdf (pdf in database)
Recorder	GILROY
Date entered	2009-02-16
Date last loaded	2011-06-14
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	
		5 - Gulf of Mexico	na	na	
Parameter	Value	Units			
REC-AGE			Reference points		
SSB-AGE-yr			Parameter	Value	Units
SSB-SEX-sex			Flim-1 /yr (F)	1.46	1/yr
TB-AGE-yr			Fcurrent-1/T (F)	1.094	1/T
F-AGE-yr			F0.1-1/yr (F)	3.12	1/yr
M			$F_{2004}/F_{lim}$	0.749	
A50-yr					
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1964	1964	1964	1964	1964
Maximum year	2004	2004	2004	2004	2004
Time series minimum	7668110000	74200000	0.478	799000	317300
Time series maximum	165498000000	542100000	3.387	5852700	985100
Units	E03eggs	E03	1/yr	MT	MT

