

# Assessment of Gulf of Mexico red grouper (*Epinephelus morio*)

Assessment ID:SEFSC-RGROUPGM-1986-2005-JENSEN

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/68>

Area ID: USA-NMFS-GM

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Southeast Fisheries Science Center
Assessment authors	NULL
Assessment method	Age Structured Assessment Program
Publication year	2006
Timeseries span	1986-2005
Document	JENSEN_RGROUPGM-2006.pdf (pdf in database)
Recorder	JENSEN
Date entered	2008-11-22
Date last loaded	2010-01-19
QA/QC complete	YES
Date approved	2009-06-05

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

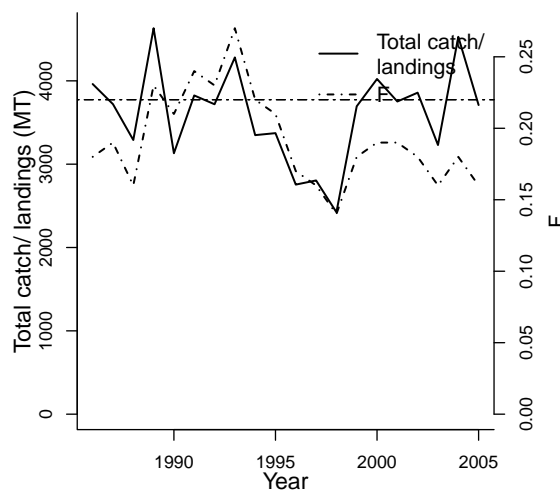
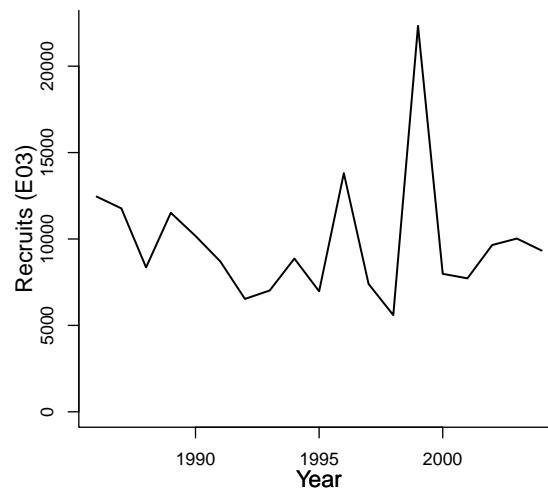
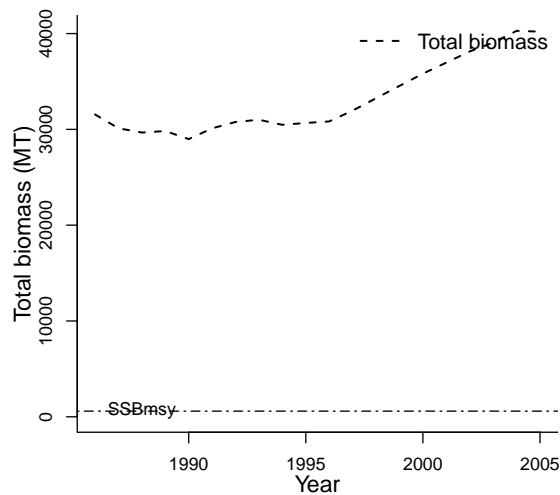
  

Parameter	Value	Units
M-1/yr	0.14	1/yr
REC-AGE		
SSB-AGE-yr		
SSB-SEX-sex		
TB-AGE-yr		
F-AGE-yr		
M		
A50-yr		
L50-cm		

Parameter	Reference points	
	Value	Units
Blim-FemaleGonadMT	509	FemaleGonadMT
SSBmsy-MT (SSB)	591	MT
Flim-1/yr (F)	0.22	1/yr
Fmsy-1/T (F)	0.22	1/T
MSY-MT (TB)	3501.73024	MT
$F_{2005}/F_{lim}$	0.727	
$F_{2005}/F_{msy}$	0.727	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year		1986	1986	1986	1986
Maximum year		2004	2005	2005	2005
Time series minimum		5595.53	0.14	28984.4	2423.59
Time series maximum		22335	0.27	40284.12	4631.5
Units		E03	1/yr	MT	MT



No SSB–recruit  
data available