Assessment of Gulf of Mexico red grouper (Epinephelus morio) Assessment ID:SEFSC-RGROUPGM-1986-2005-JENSEN

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.

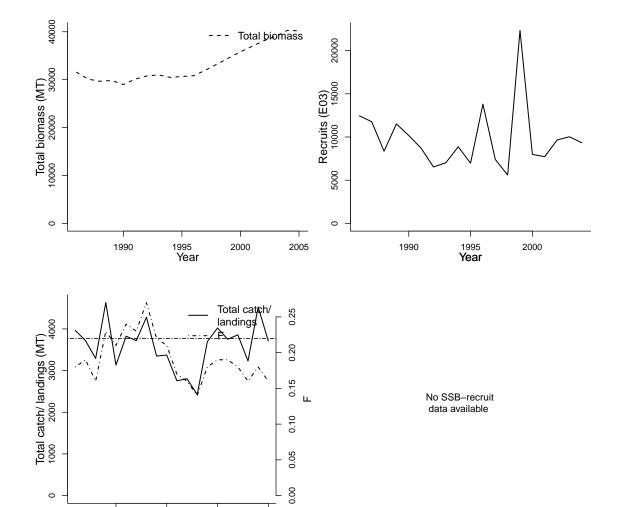
Detail	Value
Management body	NMFS
Assessment group	Southeast Fisheries Science Center
Assessment authors	Anonymous
Assessment method	Age Structured Assessment Program
Publication year	2006
Timeseries span	1986-2005
Document	JENSEN-RGROUPGM-2006.pdf (pdf in
	database)
Recorder	JENSEN
Date entered	2008-11-22
Date last loaded	2011-06-14
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	secon	dary LM	E ter	tiary LME
5 - Gulf of Mexico	na		na	
Paramet	er	Value	Units	-
M-1/yr REC-AG SSB-AGI SSB-SEX TB-AGE- F-AGE-y M A50-yr L50-cm	E-yr X-sex -yr	0.14	1/yr	_

Reference points							
Parameter	Value	Units					
SSBlim-FemaleGonadMT	509	FemaleGonadMT					
SSBmsy-FemaleGonadMT	591	FemaleGonadMT					
Flim-1/yr (F)	0.22	1/yr					
Fmsy-1/yr (F)	0.22	1/yr					
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			



1995 **Year**

2000

2005

1990