

Assessment of Gulf of Maine / Cape Hatteras mackerel (*Scomber scombrus*)

Assessment ID: NEFSC-MACKGOMCHATT-1960-2005-OVERHOLTZ
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/299>

Area ID: USA-NMFS-5YCHATT

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Northeast Fisheries Science Center
Assessment authors	Northeast Fisheries Science Center
Assessment method	Virtual Population Analysis
Publication year	2006
Timeseries span	1960-2005
Document	AtlanticMackerel2005.pdf (pdf in database)
Recorder	OVERHOLTZ
Date entered	2009-04-29
Date last loaded	2011-06-14
QA/QC complete	YES
Date approved	2011-06-10

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

primary LME			secondary LME	tertiary LME	
7 - Northeast U.S. Continental Shelf			na	na	
Parameter	Value	Units	Reference points		
SSB-AGE-yr	2+	yr	Parameter	Value	Units
SSB-SEX-sex	0	sex	F0.1-1/yr (F)	0.25	1/yr
REC-AGE-yr	1	yr	Fmsy-1/yr (F)	0.16	1/yr
A50-yr	1.9	yr	F40%-1/T	0.24	1/T
L50-cm	25.85	cm	SSBmsy-MT (SSB)	644000	MT
M-1/yr	0.2	1/yr	MSY-MT (TB)	89000	MT
TB-AGE-yr			F_{2004}/F_{msy}	0.311	
F-AGE-yr			SSB_{2004}/SSB_{msy}	3.607	
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1962	1962	1962		1960
Maximum year	2004	2003	2004		2005
Time series minimum	298218	108962	0.0147906		6841
Time series maximum	2353680	5853030	0.536505		436698
Units	MT	E03	1/T		MT

