

# Assessment of Gulf of Maine / Georges Bank silver hake (*Merluccius bilinearis*)

Assessment ID: NEFSC-SHAKEGOMNGB-1955-2005-COL

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/287>

Area ID: USA-NMFS-5YZ

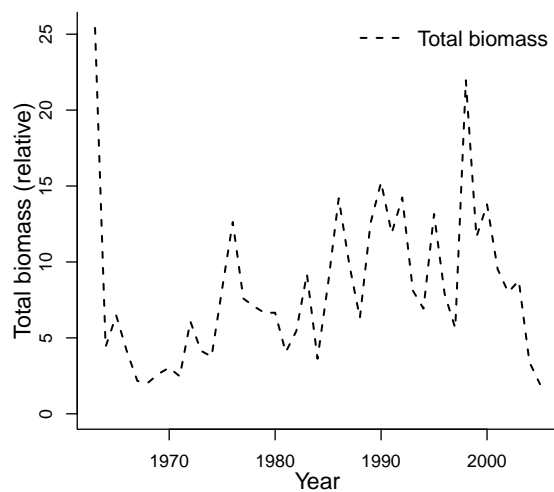
General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Northeast Fisheries Science Center
Assessment authors	Northeast Fisheries Science Center
Assessment method	Temporal indices derived from scientific survey data
Publication year	2005
Timeseries span	1955-2005
Document	SilverHake-2005-NEFSC-Assessment.pdf (pdf in database)
Recorder	COL
Date entered	2009-04-24
Date last loaded	2010-01-04
QA/QC complete	NO
Date approved	

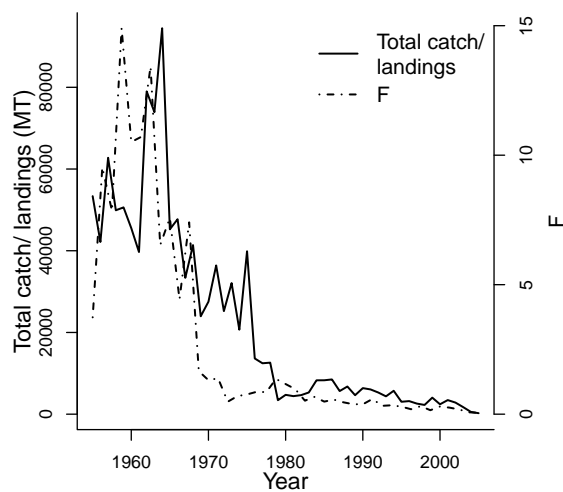
Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

primary LME			secondary LME	tertiary LME
7 - Northeast U.S. Continental Shelf			na	na
Parameter	Value	Units	Reference points	
A50-yr	2	yr	Parameter	Value
REC-AGE			Units	
SSB-AGE-yr			Bmsy-relative	6.63
TB-AGE-yr			Bpa-relative	3.31
F-AGE-yr			Umsy-ratio (U)	2.57
M			$TB_{2005}/B_{msy}$	0.294
L50-cm				

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year			1965	1963	1955
Maximum year			2005	2005	2005
Time series minimum			0.050337	1.947	240.98
Time series maximum			14.90240096	25.418	94462
Units			ratio	relative	MT



No recruitment  
data available



No SSB–recruit  
data available