

# Assessment of Western Atlantic atlantic bluefin tuna (*Thunnus thynnus*)

Assessment ID:ICCAT-ATBTUNAWATL-1970-2008-WORM

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/23>

Area ID: USA-NMFS-WATL

General assessment details.

Detail	Value
Management body	ICCAT
Assessment group	International Commission for the Conservation of Atlantic Tunas
Assessment authors	Anon.
Assessment method	Virtual Population Analysis
Publication year	NULL
Timeseries span	1970-2008
Document	2008-BFT-STOCK-ASSESS-REP.pdf (pdf in database)
Recorder	WORM
Date entered	2008-11-14
Date last loaded	2009-04-22
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
-98 - Atlantic High Seas			na	na

  

			Reference points		
Parameter	Value	Units	Parameter	Value	Units
Flim-1/T (F)	1-10	yr-yr	Flim-1/T (F)	0.15	1/T
F-AGE-yr-yr	8	yr	Fmax-1/yr (F)	0.19	1/yr
A50-yr	190	cm	Fmsy-1/T (F)	0.15	1/T
L50-cm	0.14	1/yr	Fcurrent-1/T (F)	0.19	1/T
M-1/yr	0.14	1/yr	NATMORT-1/yr (M)	0.14	1/yr
NATMORT-1/yr			SSBmsy-MT (SSB)	15148	MT
REC-AGE			MSY-MT (TB)	2851.9	MT
SSB-AGE-yr			Bmsy-MT (TB)	15148	MT
TB-AGE-yr			Brebuild-MT (SSB)	15148	MT
M			F0.1-1/yr (F)	0.08	1/yr
MORATOR-yr-yr			$F_{2007}/F_{lim}$	1.473	
			$F_{2007}/F_{msy}$	1.473	
			$SSB_{2007}/SSB_{msy}$	0.574	

**Time series minima and maxima**

	SSB	R	F	TB	Catch
Minimum year	1970	1971	1970		1970
Maximum year	2007	2008	2007		2007
Time series minimum	6511	9.486	0.094		1458
Time series maximum	49482	481.004	1.183		6407
Units	MT	E03	1/T		MT

