

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

Assessment ID:ICCAT-ATBTUNAWATL-1969-2007-WORM

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

Area ID: multinational-ICCAT-WATL

General assessment details.

Detail	Value
Management body	ICCAT
Assessment group	International Commission for the Conservation of Atlantic Tunas
Assessment authors	Anonymous
Assessment method	Virtual Population Analysis
Publication year	2008
Timeseries span	1969-2007
Document	ref2008-BFT-STOCK-ASSESS-REP.pdf (pdf in database)
Recorder	WORM
Date entered	2008-11-14
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QA/QC complete	YES
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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)	0.15	1/T
SSB-AGE-yr	8	yr	Fmax-1/yr (F)	0.19	1/yr
SSB-SEX-sex	0	sex	Fmsy-1/T (F)	0.15	1/T
REC-AGE-yr	1	yr	Fcurrent-1/T (F)	0.19	1/T
F-AGE-yr-yr	1-10	yr-yr	NATMORT-1/yr (M)	0.14	1/yr
A50-yr	8	yr	SSBmsy-MT (SSB)	15148	MT
L50-cm	190	cm	MSY-MT (TB)	2851.9	MT
M-1/yr	0.14	1/yr	Bmsy-MT (TB)	15148	MT
NATMORT-1/yr	0.14	1/yr	Brebuild-MT (TB)	15148	MT
TB-AGE-yr			F0.1-1/yr (F)	0.08	1/yr
M			$F_{2006}/F_{lim}$	1.327	
			$F_{2006}/F_{msy}$	1.327	
			$SSB_{2007}/SSB_{msy}$	0.574	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1970	1969	1970		1970
Maximum year	2007	2006	2006		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

