Assessment of Southern Oceans southern bluefin tuna (*Thunnus maccoyii*) Assessment ID:CCSBT-SC-SBT-1931-2009-Parma

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Area ID: multinational-CCSBT-SO

General assessment details.

Detail	Value
Management body	CCSBT
Assessment group	CCSBT Scientific Committee
Assessment authors	Kurota, H.
Assessment method	Integrated Analysis
Publication year	2010
Timeseries span	1931-2009
Document	Kurota-etal-2010.pdf (pdf in database)
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Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

primary Ll	primary LME		secondary LME	tertiary LME	
-97 - Indian High Seas			-99 - Pacific High Seas	-98 - Atlantic High Seas	
Parameter	Value	Units	_		
SSB-AGE-yr SSB-SEX-sex REC-AGE-yr	10 0 0	yr sex yr	Refe Parameter	Reference points arameter Value	
TB-AGE-yr F-AGE-yr M	0	yr	SSBmsy-MT (SSB) SSB0-MT (SSB) SSB_{2009}/SSB_{msy}	277047.081081081 899187.894736842 0.185	MT MT
A50-yr L50-cm			_		

Time series minima and maxima									
	SSB	R	F	TB	Catch				
Minimum year	1931	1931		1931	1931				
Maximum year	2009	2009		2009	2009				
Time series minimum	48470.10065	1130.471281		113766.4	0				
Time series maximum	987246.604	12506.18435		1383627.072	85355.76				
Units	MT	E03		MT	MT				

