

Assessment of Atlantic yellowfin tuna (*Thunnus albacares*)

Assessment ID: ICCAT-YFINATL-1970-2006-JENSEN

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/252>

Area ID: USA-NMFS-ATL

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 | 1970-2006 |
| Document | JENSEN-YFINATL-2008.pdf (pdf in database) |
| Recorder | JENSEN |
| Date entered | 2009-04-10 |
| Date last loaded | 2010-07-16 |
| 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 |
| Parameter | Value | Units | | | |
| REC-AGE-yr | 0 | yr | Reference points | | |
| SSB-AGE-yr | | | Parameter | Value | Units |
| SSB-SEX-sex | | | F _{msy} -1/T (F) | 0.73235 | 1/T |
| TB-AGE-yr | | | SSB _{msy} -MT (SSB) | 173191.00788815 | MT |
| F-AGE-yr | | | MSY-MT (TB) | 129800 | MT |
| M | | | F_{2006}/F_{msy} | 0.810 | |
| A50-yr | | | SSB_{2006}/SSB_{msy} | 1.069 | |
| L50-cm | | | | | |

| Time series minima and maxima | | | | | |
|-------------------------------|----------|-----------|--------|--------|-----------|
| | SSB | R | F | TB | Catch |
| Minimum year | 1970 | 1970 | 1970 | 1970 | 1970 |
| Maximum year | 2006 | 2006 | 2006 | 2006 | 2006 |
| Time series minimum | 182867.5 | 47043.438 | 0.1775 | 341600 | 74447.748 |
| Time series maximum | 489994 | 94386.279 | 1.0465 | 684850 | 193448.27 |
| Units | MT | E03 | 1/T | MT | MT |

