## Assessment of Atlantic Coast weakfish

(Cynoscion regalis)
Assessment ID:NEFSC-WEAKFISHATLC-1980-2008-STANTON Issue URL: http://www.marinebiodiversity.ca/RAMlegacy/ramlegacybug-reporting/449

## Area ID: USA-NMFS-ATLC

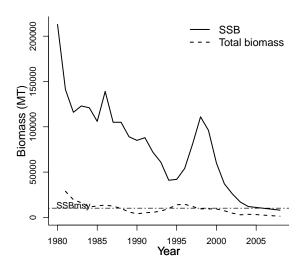
## General assessment details.

| Detail             | Value                                     |  |  |  |  |  |
|--------------------|---|--|--|--|--|--|
| Management body    | NMFS                                      |  |  |  |  |  |
| Assessment group   | Northeast Fisheries Science Center        |  |  |  |  |  |
| Assessment authors | s Northeast Regional Stock Assessmen      |  |  |  |  |  |
|                    | Workshop                                  |  |  |  |  |  |
| Assessment method  | A general approach to fitting VPA models. |  |  |  |  |  |
|                    | ADAPT is based on minimising the sum-     |  |  |  |  |  |
|                    | of-squares over any number of indices of  |  |  |  |  |  |
|                    | abundance to find best-fit parameters.    |  |  |  |  |  |
| Publication year   | 2009                                      |  |  |  |  |  |
| Timeseries span    | 1980-2008                                 |  |  |  |  |  |
| Document           | NEFSC-Weakfish-2009.pdf (pdf in           |  |  |  |  |  |
|                    | database)                                 |  |  |  |  |  |
| Recorder           | STANTON                                   |  |  |  |  |  |
| Date entered       | 2010-04-11                                |  |  |  |  |  |
| Date last loaded   | 2010-03-26                                |  |  |  |  |  |
| QA/QC complete     | NO  |  |  |  |  |  |
| Date approved      |   |  |  |  |  |  |

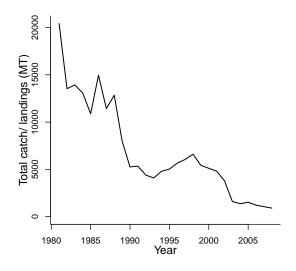
Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

| primary LME       |            |            | secondary LM           | E tertia  | tertiary LME |       |
|-------------------|------------|------------|------------------------|-----------|--------------|-------|
| 7 - Northeast U   | J.S. Con   | tinental   | Shelf na               | na        |              |       |
| Parameter         | Value      | Units      |                        |           |              |       |
| SSB-SEX-sex       | NA         | sex        |                        |           |              |       |
| TB-AGE-yr         | 1+<br>0.25 | yr<br>1/yr | Reference              | points    |              |       |
| M-1/yr<br>REC-AGE | 0.25       |            | 25 1/yl                | Parameter | Value        | Units |
| SSB-AGE-yr        |            |            | SSBmsy-MT (SSB)        | 10179     | MT           |       |
| F-AGE-yr          |            |            | $SSB_{2008}/SSB_{msy}$ | 0.786     |              |       |
| M                 |            |            |                        |           |              |       |
| A50-yr            |            |            |                        |           |              |       |
| L50-cm            |            |            |                        |           |              |       |

| Time series minima and maxima |        |   |   |       |       |  |  |  |
|-------------------------------|--------|---|---|-------|-------|--|--|--|
|                               | SSB    | R | F | TB    | Catch |  |  |  |
| Minimum year                  | 1980   |   |   | 1981  | 1981  |  |  |  |
| Maximum year                  | 2008   |   |   | 2008  | 2008  |  |  |  |
| Time series minimum           | 8000   |   |   | 1369  | 899   |  |  |  |
| Time series maximum           | 213000 |   |   | 28826 | 20417 |  |  |  |
| Units                         | MT     |   |   | MT    | MT    |  |  |  |



No recruitment data available



No SSB-recruit data available