

# Assessment of Pacific Coast pacific ocean perch (*Sebastes alutus*)

Assessment ID: NWFSC-POPERCHPCOAST-1953-2007-BRANCH  
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/63>

Area ID: USA-NMFS-PCOAST

General assessment details.

| Detail             | Value  |
|--------------------|--|
| Management body    | NMFS   |
| Assessment group   | Northwest Fisheries Science Center                                 |
| Assessment authors | Hamel OS   |
| Assessment method  | an AD-Model builder statistical Catch at Age Model                 |
| Publication year   | 2007   |
| Timeseries span    | 1953-2007  |
| Document           | NWFSC-POPERCHPCOAST-2007-Pacific ocean perch.pdf (pdf in database) |
| Recorder           | BRANCH   |
| Date entered       | 2008-11-24   |
| Date last loaded   | 2010-03-19   |
| QA/QC complete     | YES  |
| Date approved      | 2010-03-19   |

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

| primary LME            |       |       | secondary LME          | tertiary LME |         |
|------------------------|-------|-------|------------------------|--------------|---------|
| 3 - California Current |       |       | na                     | na           |         |
|                        |       |       | Reference points       |              |         |
|                        |       |       | Parameter              | Value        | Units   |
| Parameter              | Value | Units | SSBlim-MT (SSB)        | 6856         | MT      |
| SSB-SEX-sex            | 1     | sex   | SSBmsy-MT (SSB)        | 14793        | MT      |
| REC-AGE-yr             | 3     | yr    | Fmsy-1/yr (F)          | 0.0382       | 1/yr    |
| F-AGE-yr-yr            | 3+    | yr-yr | SSB0-MT (SSB)          | 36983        | MT      |
| TB-AGE-yr              | 3+    | yr    | R0-E06 (R )            | 4.97         | E06     |
| M-1/yr                 | 0.053 | 1/yr  | SSBtarget-MT (SSB)     | 14793        | MT      |
| A50-yr                 | 8     | yr    | SSBmin-ratio (SSB)     | 0.25         | ratio   |
| SSB-AGE-yr             |       |       | Ftarget-1/yr (F)       | 0.0388       | 1/yr    |
| M                      |       |       | SPRtarget-ratio (SPR)  | 0.4          | ratio   |
| L50-cm                 |       |       | MSY-MT (TB)            | 1411         | MT      |
|                        |       |       | BH-h-dimless           | 0.652        | dimless |
|                        |       |       | $SSB_{2007}/SSB_{lim}$ | 1.483        |         |
|                        |       |       | $SSB_{2007}/SSB_{msy}$ | 0.687        |         |

| Time series minima and maxima |       |       |       |         |       |
|-------------------------------|-------|-------|-------|---------|-------|
|                               | SSB   | R     | F     | TB      | Catch |
| Minimum year                  | 1956  | 1953  | 1956  | 1956    | 1956  |
| Maximum year                  | 2007  | 2003  | 2007  | 2007    | 2006  |
| Time series minimum           | 6856  | 530   | 0     | 17543.8 | 75    |
| Time series maximum           | 33654 | 46800 | 0.259 | 86898.1 | 18761 |
| Units                         | MT    | E03   | 1/yr  | MT      | MT    |

