

Assessment of Gulf of Alaska pacific ocean perch (*Sebastes alutus*)

Assessment ID:AFSC-POPERCHGA-1959-2010-Stachura

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/289>

Area ID: USA-NMFS-GA

General assessment details.

| Detail | Value |
|--------------------|--|
| Management body | NMFS |
| Assessment group | Alaska Fisheries Science Center |
| Assessment authors | Hanselman, D. |
| Assessment method | an AD-Model builder statistical Catch at Age Model |
| Publication year | 2010 |
| Timeseries span | 1959-2010 |
| Document | AFSC-POPERCHGA-2010.pdf (pdf in database) |
| Recorder | Stachura |
| Date entered | 2011-03-29 |
| Date last loaded | 2011-05-03 |
| 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 |
|--------------|-------|-------|------------------------|---------------|--------------|
| | | | 2 - Gulf of Alaska | na | na |
| Parameter | Value | Units | Reference points | | |
| SSB-AGE-yr | 10.5 | yr | Parameter | Value | Units |
| SSB-SEX-sex | 1 | sex | Fmsy-1/yr (F) | 0.142 | 1/yr |
| REC-AGE-yr | 2 | yr | NATMORT-1/yr (M) | 0.06 | 1/yr |
| A50-yr | 10.5 | yr | F40%-1/T | 0.123 | 1/T |
| L50-cm | 35.7 | cm | SSBmsy-MT (SSB) | 79664 | MT |
| M-1/T | 0.06 | 1/T | MSY-MT (TB) | 20243 | MT |
| NATMORT-1/yr | 0.06 | 1/yr | SSBF40%-MT | 91044 | MT |
| TB-AGE-yr | | | SSB_{2010}/SSB_{msy} | 1.353 | |
| F-AGE-yr | | | | | |
| M | | | | | |

| Time series minima and maxima | | | | | |
|-------------------------------|--------|--------|---|---------|--------|
| | SSB | R | F | TB | Catch |
| Minimum year | 1977 | 1959 | | 1961 | 1961 |
| Maximum year | 2010 | 2007 | | 2010 | 2010 |
| Time series minimum | 18289 | 14230 | | 82706.7 | 800 |
| Time series maximum | 109724 | 280940 | | 1184740 | 348600 |
| Units | MT | E03 | | MT | MT |

