

Greater silver smelt (*Argentina silus*) in divisions 5.b and 6.a (Faroes grounds and west of Scotland)

ICES advice on fishing opportunities

ICES advises that when the maximum sustainable yield (MSY) approach is applied, catches in 2026 should be no more than 18 441 tonnes.

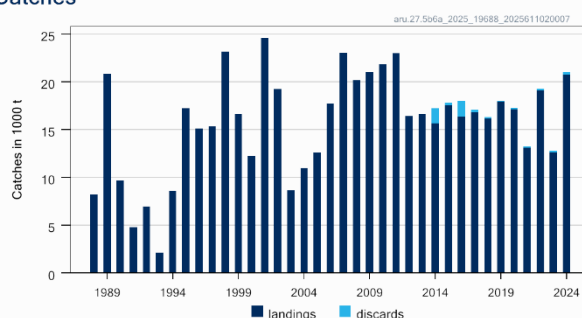
Non-fisheries conservation considerations

ICES has not identified any conservation aspects other than those related to the commercial fisheries.

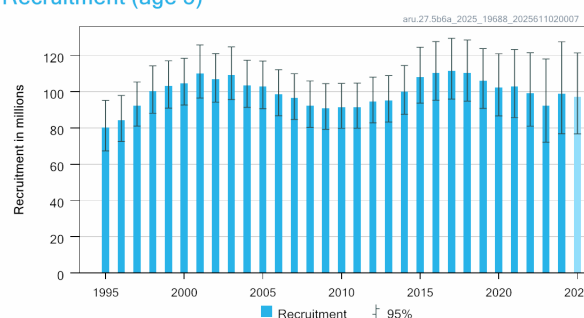
Stock development over time

Fishing pressure on the stock is at F_{MSY} and spawning-stock size is above MSY $B_{trigger}$, B_{PA} , and B_{lim} .

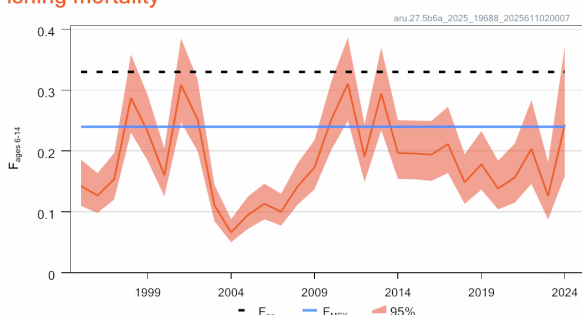
Catches



Recruitment (age 5)



Fishing mortality



Spawning-stock biomass

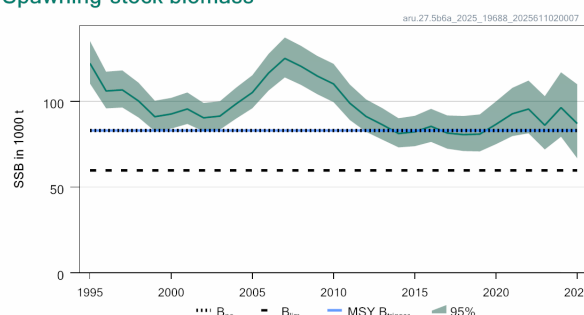


Figure 1 Greater silver smelt in divisions 5.b and 6.a. Summary of the stock assessment with plots showing 95% confidence intervals. Catches, recruitment ($R_{age\ 5}$), fishing mortality ($F_{ages\ 6-14}$), and spawning-stock biomass (SSB). The assumed recruitment value for 2025 is shaded in a lighter colour.

Catch scenarios

Table 1 Greater silver smelt in divisions 5.b and 6.a. Assumptions made for the interim year and in the forecast.

| Variable | Value | Notes |
|------------------------------------|--------|---|
| F _{ages 6–14} (2025) | 0.232 | Exploitation pattern as estimated for 2024 based on a catch of 19 047 tonnes for 2025 |
| Spawning-stock biomass (SSB; 2026) | 83 157 | Short-term forecast; in tonnes |
| R _{age 5} (2025–2027) | 97 045 | Median recruitment, resampled from the years 2022–2024; thousands |
| Catch (2025) | 19 047 | Catch constraint based on the ratio of total allowable catch (TAC) to catch since 2010 (ICES, 2023a); in tonnes |
| Projected landings (2025) | - | ICES cannot estimate projected landings |
| Projected discards (2025) | - | ICES cannot estimate projected discards |

Table 2 Greater silver smelt in divisions 5.b and 6.a. Annual catch scenarios. All weights are in tonnes.

| Basis | Total catch (2026) | Projected landings (2026) ^{^^} | Projected discards (2026) ^{^^} | F _{6–14} (2026) | F _{Projected landings} (2026) ^{^^} | F _{Projected discards} (2026) ^{^^} | Spawning-stock biomass (SSB; 2027) | % SSB change* | % total allowable catch (TAC) change [@] | % advice change [^] | Probability SSB < B _{lim} in 2027 (%) ^{^^^} |
|--|--------------------|---|---|--------------------------|--|--|------------------------------------|---------------|---|------------------------------|---|
| ICES advice basis | | | | | | | | | | | |
| MSY approach: F _{FMSY} | 18 441 | - | - | 0.24 | - | - | 80 101 | -3.7 | | -2.8 | 1 |
| Other scenarios | | | | | | | | | | | |
| F = 0 | 0 | - | - | 0 | - | - | 96 843 | 16.5 | | -100 | 0 |
| F = F _{Sq} (2024) | 18 111 | - | - | 0.23 | - | - | 80 663 | -3.0 | | -4.5 | 5 |
| F = F _{PA} | 24 647 | - | - | 0.33 | - | - | 74 939 | -9.9 | | 30 | 6 |
| SSB (2027) = MSY B _{trigger} | 15 493 | - | - | 0.191 | - | - | 82 999 | -0.190 | | -18.3 | 0 |
| SSB (2027) = B _{lim} | 42 490 | - | - | 0.65 | - | - | 59 730 | -28 | | 124 | 50 |
| F _{MSY lower} *** | | | | | | | | | | | |
| F _{MSY upper} *** | | | | | | | | | | | |
| SSB (2027) = B _{lim} ** | | | | | | | | | | | |
| SSB (2027) = B _{PA} ** | | | | | | | | | | | |
| SSB (2027) = MSY B _{trigger} ** | | | | | | | | | | | |
| SSB (2027) = SSB (2026) ** | | | | | | | | | | | |
| SSB (2027) = B _{lim} ** | | | | | | | | | | | |

* SSB 2027 relative to SSB 2026.

[^] Advice value for 2026 relative to advice value for 2025 (18 966 tonnes).

^{^^} ICES cannot estimate projected landings and discards.

^{^^^} The probability of SSB being below B_{lim} in 2027 presented as a percentage. This probability relates to the short-term probability of SSB < B_{lim} and is not comparable to the long-term probability of SSB < B_{lim} tested in simulations when estimating fishing mortality reference points.

** These catch scenarios were not calculated.

*** These reference points have not been estimated for this stock.

[@] The percent change in TAC is not presented because the advice area and TAC unit do not match.

Basis of the advice

Table 3 Greater silver smelt in divisions 5.b and 6.a. The basis of the advice.

| | |
|-----------------|---|
| Advice basis | Maximum sustainable yield (MSY) approach |
| Management plan | ICES is not aware of any agreed precautionary management plan for greater silver smelt in this area |

Quality of the assessment

Catch was updated for 2018–2023 based on revisions of catch data submitted to ICES in 2025, and the overall impact on the assessment and short-term forecast is considered negligible.

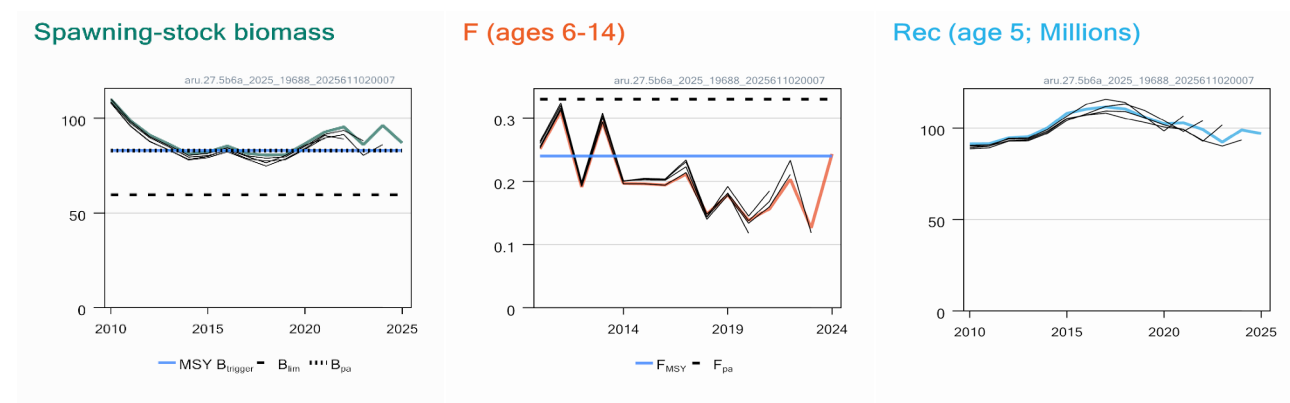


Figure 2 Greater silver smelt in division 5.b and 6.a. Historical assessment results. Final-year recruitment and biomass estimates are included.

Issues relevant for the advice

This stock is classified as Category 4 in the NEAFC categorization of deep-sea species/stocks (NEAFC, 2016). This implies that fisheries are primarily restricted to coastal state exclusive economic zones (EEZs); therefore, management measures are not taken by NEAFC unless complementary to coastal state conservation and management measures.

Management measures are set independently by the Faroe Islands in Division 5.b and by EU and UK for subareas 5–7.

Reference points

Table 4 Greater silver smelt in divisions 5.b and 6.a. Reference points, values, and their technical basis. Weights are in tonnes.

| Framework | Reference point | Value | Technical basis | Source |
|--|-------------------|----------------|---|-------------|
| Maximum sustainable yield (MSY) approach | MSY $B_{trigger}$ | 82 999 | B_{pa} | ICES (2021) |
| | F_{MSY} | 0.24 | Stochastic simulations (EqSim) with segmented regression fixed at B_{lim} | ICES (2022) |
| Precautionary approach | B_{lim} | 59 730 | $B_{lim} = B_{pa} / \exp(\sigma \times 1.645), \sigma = 0.2$ | ICES (2021) |
| | B_{pa} | 82 999 | B_{loss} , lowest observed spawning-stock biomass (SSB; 2014) from 2020 benchmark | ICES (2021) |
| | F_{pa} | 0.33 | The F that provides a 95% probability for SSB to be above B_{lim} | ICES (2022) |
| Management plan | F_{mgt} | Not applicable | | |
| | B_{mgt} | Not applicable | | |

Basis of the assessment

Table 5 Greater silver smelt in divisions 5.b and 6.a. Basis of the assessment and advice.

| | |
|--------------------------|---|
| ICES stock data category | 1 (ICES, 2023a) |
| Assessment type | Age-based analytical assessment (SAM model; Nielsen and Berg, 2014, ICES, 2025) that uses catches in the model and in the forecast*. |
| Input data | Commercial catches (mainly Faroese and Dutch catches, ages and length frequencies from catch sampling); indices from the Faroese groundfish summer survey (G3284), Faroese Deepwater survey (G2728), MSS Deepwater Slope Survey (G6642), and combined and standardized commercial CPUE from Faroe Islands and EU fleets; time invariant maturity ogive; natural mortalities set at 0.15 (ICES, 2023b) |
| Discards and bycatch | ICES can only quantify discards since 2014 and they are considered to be negligible since 2017 |
| Indicators | None |
| Other information | Benchmark in 2020 (ICES, 2021) |
| Working group | Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources (WGDEEP) |

* [View assessment in Transparent Assessment Framework \(TAF\)](#)

History of the advice, catch, and management

Table 6 Greater silver smelt in divisions 5.b and 6.a. ICES advice and official landings. Weights are in tonnes.

| Year | ICES advice^ | Catch corresponding to advice | TAC Faroes in Faroese Exclusive Economic Zone (EEZ) | EU TAC subareas 5–7 | UK TAC subareas 5–7 | ICES landings |
|------|--|-------------------------------|---|---------------------|---------------------|---------------|
| 2003 | No fisheries unless data collection on (by)catch; no expansion unless proven to be sustainable | - | | 6 247 | | 8 623 |
| 2004 | Biennial | - | | 6 247 | | 10 997 |
| 2005 | No fisheries unless accompanied by programmes to collect data on both target and bycatch fish | - | | 5 310 | | 12 606 |
| 2006 | Biennial | - | | 5 310 | | 17 699 |
| 2007 | The fishery should not be allowed to expand unless it can be shown that it is sustainable | - | | 5 311 | | 23 035 |
| 2008 | Biennial | - | | 5 311 | | 20 142 |
| 2009 | Same advice as 2007 | - | | 5 311 | | 21 007 |
| 2010 | Biennial | - | < 18 000 | 5 099 | | 21 846 |
| 2011 | The fishery should not be allowed to expand, and a reduction in catches should be considered | - | < 18 000 | 4 691 | | 22 969 |
| 2012 | No new advice, same as 2011 | | < 18 000 | 4 316 | | 16 432 |
| 2013 | Reduce catches by 10% | 31 300 | < 18 000 | 4 316 | | 16 618 |
| 2014 | No new advice, same as 2013 | 31 300 | 16 000 | 4 316 | | 15 663 |
| 2015 | No new advice, same as 2013 | 31 300 | 14 400 | 4 316 | | 17 548 |
| 2016 | Precautionary approach including PA buffer | 10 030 | 13 000 | 4 316 | | 16 330 |
| 2017 | Biennial | 10 030 | 11 500 | 3 884 | | 16 806 |
| 2018 | Precautionary approach | ≤ 12 036 | 11 700 | 4 661 | | 16 033 |
| 2019 | Precautionary approach (same value as advised landings for 2018) | ≤ 12 036 | 11 700 | 4 661 | | 17 830 |
| 2020 | Precautionary approach | ≤ 7 703 | 11 700 | 3 729 | | 17 014 |
| 2021 | Precautionary approach (same value as advised landings for 2020) | ≤ 7 703 | 11 700 | 3 521 | 208 | 12 948 |
| 2022 | Maximum sustainable yield (MSY) approach | ≤ 24 493 | 18 000 | 10 976 | 650 | 18 849 |
| 2023 | MSY approach | ≤ 17 078 | 12 700 | 7 670 | 454 | 12 597 |
| 2024 | MSY approach | ≤ 17 695 | 12 800 | 7 929 | 469 | 20 509* |
| 2025 | MSY approach | ≤ 18 966 | 13 700 | 8 495 | 503 | |

| Year | ICES advice [^] | Catch corresponding to advice | TAC Faroes in Faroese Exclusive Economic Zone (EEZ) | EU TAC subareas 5–7 | UK TAC subareas 5–7 | ICES landings |
|------|--------------------------|-------------------------------|---|---------------------|---------------------|---------------|
| 2026 | MSY approach | ≤ 18 441 | | | | |

[^] Until 2016, the advice was combined for subareas 1, 2, 4, 6–10, 12, and 14; and for divisions 3.a and 5.b.

* Preliminary.

History of the catch and landings

There are no reported catches in the NEAFC regulatory areas (RAs).

Table 7 Greater silver smelt in divisions 5.b and 6.a. Catches inside and outside the NEAFC Regulatory Area (RA) as estimated by ICES. All weights are in tonnes.

| Year | Inside the NEAFC RAs | Outside the NEAFC RAs | Total catches | Proportion inside the NEAFC RAs (%) |
|-------|----------------------|-----------------------|---------------|-------------------------------------|
| 2022 | 0 | 19 092 | 19 092 | 0 |
| 2023 | 0 | 12 789 | 12 789 | 0 |
| 2024* | 0 | 20 781 | 20 781 | 0 |

* Preliminary.

Table 8 Greater silver smelt in divisions 5.b and 6.a. Catch distribution by fleet in 2024 as estimated by ICES.

| Catch (2024) | Landings | Discards |
|---------------|---------------|-------------------------|
| 20 781 tonnes | 100% trawl | Negligible (272 tonnes) |
| | 20 509 tonnes | |

Table 9 Greater silver smelt in divisions 5.b and 6.a. History of commercial landings; ICES estimated values are presented by country. Weights are in tonnes.

| Year | Denmark | Faroe Islands | France | Germany | Iceland | Ireland | Lithuania | Netherlands | Norway | Poland | UK (EWNI) | UK (Scotland) | Russian Federation | Spain | Total |
|------|---------|---------------|--------|---------|---------|---------|-----------|-------------|--------|--------|-----------|---------------|--------------------|-------|--------|
| 1988 | | 287 | | | | 3 040 | | | 4 884 | | | | | | 8 211 |
| 1989 | | 299 | | | | 1 325 | | 3 715 | 11 984 | | | 3 369 | 116 | | 20 808 |
| 1990 | | 3 574 | | 14 | | 110 | | 5 870 | | | | 112 | 3 | | 9 683 |
| 1991 | | 59 | 7 | | | | | 4 709 | | | | 11 | | | 4 786 |
| 1992 | | 1 439 | 1 | | | 100 | | 4 964 | | | | 466 | 4 | | 6 974 |
| 1993 | | 1 063 | | | | | | 663 | | | | 406 | | | 2 132 |
| 1994 | | 960 | | 43 | | | | 6 217 | | | | 1 375 | | | 8 595 |
| 1995 | | 6 017 | | 284 | | | | 3 706 | | | | 465 | 6 752 | | 17 224 |
| 1996 | | 9 495 | | 1 384 | | 295 | | 3 953 | | | | 3 | | | 15 130 |
| 1997 | | 8 433 | | 1 496 | | 1 089 | | 4 309 | | | | | | | 15 327 |
| 1998 | | 17 570 | | 464 | | 405 | | 4 696 | | | | | | | 23 135 |
| 1999 | | 8 186 | 5 | 24 | | 168 | | 8 188 | | | 28 | 15 | | | 16 614 |
| 2000 | | 3 713 | 83 | 403 | | 3 178 | | 3 436 | | | | 247 | 1 185 | | 12 245 |
| 2001 | | 9 572 | 7 | 189 | | 5 839 | | 3 654 | | | | 4 871 | 414 | | 24 546 |
| 2002 | | 7 058 | 1 | 150 | | 3 035 | | 4 014 | | | 424 | 4 280 | 264 | | 19 226 |
| 2003 | | 6 261 | | 26 | | 1 | | 2 009 | | | | 81 | 245 | | 8 623 |
| 2004 | | 3 441 | 147 | 652 | | 46 | | 5 460 | | | | 549 | 702 | | 10 997 |
| 2005 | | 7 042 | 10 | 125 | | 18 | | 5 291 | | | | 61 | 59 | | 12 606 |
| 2006 | | 12 606 | | 213 | | | | 4 841 | | | | 3 | 35 | 1 | 17 699 |
| 2007 | | 14 339 | | 589 | | | | 8 062 | 35 | | | | 8 | 2 | 23 035 |
| 2008 | | 15 921 | | 10 | | | | 4 186 | 6 | | | | 19 | | 20 142 |
| 2009 | | 18 123 | | 115 | | | | 2 616 | 83 | | | 6 | 64 | | 21 007 |
| 2010 | | 18 627 | | | | | | 3 139 | 7 | | | 60 | 13 | | 21 846 |
| 2011 | | 19 233 | | | | | | 3 724 | | | 2 | 2 | 8 | | 22 969 |

| Year | Denmark | Faroe Islands | France | Germany | Iceland | Ireland | Lithuania | Netherlands | Norway | Poland | UK (EWNI) | UK (Scotland) | Russian Federation | Spain | Total |
|-------|---------|---------------|--------|---------|---------|---------|-----------|-------------|--------|--------|-----------|---------------|--------------------|-------|--------|
| 2012 | | 12 525 | | 538 | | | | 3 248 | | | 5 | 5 | 111 | | 16 432 |
| 2013 | 388 | 14 306 | | 417 | | | | 1 380 | | | | | 127 | | 16 618 |
| 2014 | 711 | 11 242 | | 1 018 | | | | 2 332 | | | | | 360 | | 15 663 |
| 2015 | | 14 080 | 0 | 1 066 | 132 | | | 2 154 | 0 | | | | 115 | | 17 548 |
| 2016 | | 13 179 | 0 | 267 | 345 | | | 2 526 | | | | 0 | 13 | | 16 330 |
| 2017 | 0 | 11 727 | | 600 | 63 | | | 4 407 | 2 | | | | 6 | | 16 806 |
| 2018 | | 12 087 | 8 | 1 001 | | | | 2 763 | 5 | 1 | | | 168 | | 16 033 |
| 2019 | 0 | 12 174 | 4 | 954 | 6 | 6 | | 4 540 | | 32 | | | 114 | 0 | 17 830 |
| 2020 | 0 | 12 045 | 8 | 384 | | 0 | 114 | 4 330 | | 111 | | | 22 | 0 | 17 014 |
| 2021 | 0 | 8 552 | 17 | 336 | 20 | 0 | | 4 019 | | 1 | | 3 | | 0 | 12 948 |
| 2022 | 4 | 9 408 | 1 | 728 | 15 | 4 | | 8 664 | 0 | 21 | 6 | | | | 18 849 |
| 2023 | 15 | 6 507 | 0 | 886 | | 0 | 13 | 5 074 | | 102 | | 0 | | 0 | 12 597 |
| 2024* | | 11 893 | | 1 065 | | 58 | | 7 493 | | | | | | | 20 509 |

* Preliminary.

Table 10 Greater silver smelt in divisions 5.b and 6.a. History of ICES estimated discards are presented by country and area. Weights are in tonnes.

| Year | Division 5.b | | | | Division 6.a | | | | | Divisions 5.b and 6.a | |
|-------|--------------|---------|-------------|---------------|--------------|---------|-------------|-------|---------------|-----------------------|------------|
| | France | Germany | Netherlands | UK (Scotland) | France | Germany | Netherlands | Spain | UK (Scotland) | Total | % of catch |
| 2014 | | 28 | | | 808 | 92 | | | 653 | 1 581 | 8.4 |
| 2015 | | | | | 161 | | | | 109 | 270 | 1.5 |
| 2016 | 12 | | | | 200 | | | | 1 451 | 1 663 | 8.5 |
| 2017 | 31 | | 0 | | 217 | | 9 | | 14 | 270 | 1.6 |
| 2018 | 2 | | | | 118 | | | | 67 | 187 | 1.1 |
| 2019 | | | | | 13 | | | 9 | 64 | 86 | 0.5 |
| 2020 | | | | 0 | | | 0 | 2 | 124 | 127 | 0.7 |
| 2021 | | | | | | | | 0 | 156 | 157 | 1.2 |
| 2022 | | | | | | | | 83 | 159 | 242 | 1.3 |
| 2023 | | | | 0 | | | | 104 | 88 | 192 | 1.5 |
| 2024* | | | | 4 | | | | | 268 | 272 | 1.3 |

* Preliminary.

Summary of the assessment

Table 11 Greater silver smelt in divisions 5.b and 6.a. Assessment summary. Weights are in tonnes, recruitment in thousands. “High” and “Low” indicate 95% confidence intervals.

| Year | Recruitment | | | Spawning-stock biomass | | | Landings | Discards | Fishing mortality | | |
|------|-------------|----------|----------|------------------------|----------|---------|----------|----------|-------------------|----------|-------|
| | Low | Midpoint | High | Low | Midpoint | High | | | Low | Midpoint | High |
| | thousands | | | tonnes | | | | | | | |
| 1988 | | | | | | | 8211 | | | | |
| 1989 | | | | | | | 20808 | | | | |
| 1990 | | | | | | | 9683 | | | | |
| 1991 | | | | | | | 4786 | | | | |
| 1992 | | | | | | | 6974 | | | | |
| 1993 | | | | | | | 2132 | | | | |
| 1994 | | | | | | | 8 595 | | | | |
| 1995 | 67399 | 80128 | 95262 | 110412 | 122241 | 135337 | 17224 | | 0.110 | 0.143 | 0.186 |
| 1996 | 72549 | 84315 | 97989 | 95876.6 | 106064 | 117333 | 15130 | | 0.098 | 0.127 | 0.164 |
| 1997 | 81083 | 92434 | 105375 | 96393.3 | 106685 | 118074 | 15327 | | 0.120 | 0.154 | 0.197 |
| 1998 | 88116 | 100371 | 114330 | 90548.3 | 100206 | 110894 | 23135 | | 0.23 | 0.29 | 0.36 |
| 1999 | 90951 | 103180 | 117054 | 82575.9 | 91051.5 | 100397 | 16614 | | 0.184 | 0.23 | 0.29 |
| 2000 | 92634 | 104757 | 118465 | 84082.8 | 92636.8 | 102061 | 12245 | | 0.125 | 0.160 | 0.20 |
| 2001 | 96524 | 110203 | 125821 | 86799.1 | 95564.6 | 105215 | 24546 | | 0.25 | 0.31 | 0.39 |
| 2002 | 94270 | 106825 | 121052 | 82510.2 | 90417.4 | 99082.3 | 19226 | | 0.200 | 0.25 | 0.32 |
| 2003 | 95642 | 109235 | 124760 | 83457.6 | 91398.5 | 100095 | 8623 | | 0.085 | 0.111 | 0.145 |
| 2004 | 91380 | 103566 | 117378 | 89900.9 | 98539.8 | 108009 | 10997 | | 0.050 | 0.067 | 0.088 |
| 2005 | 90644 | 102971 | 116974 | 95943.3 | 105166 | 115275 | 12606 | | 0.072 | 0.095 | 0.125 |
| 2006 | 86711 | 98607 | 112134 | 106281 | 116521 | 127747 | 17699 | | 0.088 | 0.113 | 0.147 |
| 2007 | 84690 | 96505 | 109968 | 113932 | 125057 | 137268 | 23035 | | 0.078 | 0.100 | 0.130 |
| 2008 | 80342 | 92263 | 105952 | 109548 | 120424 | 132381 | 20142 | | 0.112 | 0.142 | 0.181 |
| 2009 | 79236 | 90997 | 104504 | 104140 | 114776 | 126499 | 21007 | | 0.137 | 0.173 | 0.22 |
| 2010 | 79870 | 91411 | 104621 | 99507.1 | 110152 | 121935 | 21846 | | 0.20 | 0.25 | 0.31 |
| 2011 | 79914 | 91492 | 104747 | 89093.4 | 98929.2 | 109851 | 22969 | | 0.25 | 0.31 | 0.39 |
| 2012 | 82836 | 94620 | 108080 | 82211.3 | 91211.9 | 101198 | 16432 | | 0.149 | 0.191 | 0.24 |
| 2013 | 83268 | 95237 | 108926 | 77662 | 86389.2 | 96097 | 16618 | | 0.23 | 0.29 | 0.37 |
| 2014 | 87572 | 100129 | 114488 | 73141 | 81220.8 | 90193.3 | 15663 | 1581 | 0.154 | 0.197 | 0.25 |
| 2015 | 93710 | 108036 | 124552 | 73843.1 | 82251.8 | 91618 | 17548 | 270 | 0.154 | 0.196 | 0.25 |
| 2016 | 95326 | 110318 | 127668 | 76344.2 | 85461.5 | 95667.6 | 16330 | 1663 | 0.151 | 0.194 | 0.25 |
| 2017 | 95985 | 111488 | 129494 | 72352.3 | 81505.5 | 91816.7 | 16806 | 270 | 0.164 | 0.21 | 0.27 |
| 2018 | 94820 | 110405 | 128551 | 71004.9 | 80603.3 | 91499.1 | 16112 | 187 | 0.113 | 0.149 | 0.195 |
| 2019 | 90791 | 106021 | 123807 | 70809.1 | 80899.2 | 92427.2 | 17910 | 86 | 0.137 | 0.178 | 0.23 |
| 2020 | 86649 | 102394 | 121002 | 75029.3 | 86634 | 100034 | 17141 | 127 | 0.104 | 0.139 | 0.184 |
| 2021 | 85747 | 102840 | 123340 | 79718.8 | 92744.8 | 107899 | 13085 | 157 | 0.115 | 0.156 | 0.21 |
| 2022 | 81018 | 99236 | 121550 | 81346.2 | 95516.7 | 112156 | 19068 | 242 | 0.146 | 0.20 | 0.28 |
| 2023 | 72149 | 92311 | 118106 | 71926.9 | 86099 | 103064 | 12597 | 192 | 0.088 | 0.126 | 0.182 |
| 2024 | 76809 | 98994 | 127587 | 79338.6 | 96346.9 | 117001 | 20785* | 272* | 0.159 | 0.24 | 0.37 |
| 2025 | 76744** | 97045** | 121430** | 66711.6 | 87029.4 | 109967 | | | | | |

*Preliminary.

**Mean 2022–2024 recruitment from stochastic forecast.

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[Download the stock assessment data and figures](#)

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