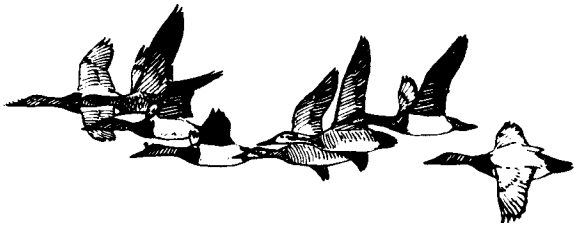
# Pacific Flyway Data Book 2019



## Migratory Bird Population Indices, Harvest, and Hunter Participation and Success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# United States Department of the Interior

FISH AND WILDLIFE SERVICE
Division of Migratory Bird Management
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Vancouver, WA 98683


MEMORANDUM

TO: Pacific Flyway Council and Study Committee

FROM: Todd A. Sanders, Pacific Flyway Representative

DATE: October 15, 2019

SUBJECT: 2019 Pacific Flyway Data Book

The following briefing material has been assembled for use by State and U. S. Fish and Wildlife Service personnel in formulating recommendations for migratory bird hunting seasons in the Pacific Flyway. This collection of population, harvest, and hunter participation data can also serve as a desk-top reference for providing responses to inquiries from agency personnel, the media, and the public. These data represent an extraordinary collaborative effort by many individuals from State, Federal, and other organizations. Thank you to all cooperators who have contributed toward this significant effort.

Harvest and hunter participation estimates for 2018-19 are preliminary. Final estimates from the Migratory Bird Harvest Information Program are only available through 2003 at present.

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"Alaska Subsistence Harvest of Birds and Eggs, 2016, Alaska Migratory Bird Co-Management Council" Data Book is available online at:

*http://www.adfg.alaska.gov/techpap/TP%20434.pdf*

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Pacific Flyway schedule of council, committee, and subcommittee chair responsibilities; council representatives to the Service Regulations Committee (SRC) and National Flyway Council (NFC); and list of management plans, approval dates, and keepers of the plans.

| Group/Management Plan | Approvals | Keeper of the Plan | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Council, SC, and NTC Chair | | | OR | CA | MT | AK | CO | WY | UT | NV | ID | WA |
| SRC Consultants: | | | | | | | | | | | | |
| Coastal | | | OR | AK | AK | AK | AK | CA | CA | CA | CA | WA |
| Inland | | | ID | ID | ID | NV | NV | NV | NV | MT | MT | MT |
| NFC Representative | | | OR | ID | ID | AK | AK | NV | NV | CA | CA | MT |
| Geese: | | | | | | | | | | | | |
| Aleutian Canada | Jul 99, Jul 06 | CA | WA | OR | OR | R-7 | R-7 | CA | CA | R-1 | R-1 | AK |
| Cackling Canada | Jul 86, Jul 99, Sep 16 | WA | AK | R-7 | R-7 | R-1 | R-1 | WA | WA | OR | OR | CA |
| Dusky Canada | Jul 85, Jul 92, Aug 97, Mar 08, Jul 15 | R-1 | WA | R-7 | R-7 | OR | OR | R-1 | R-1 | WA | WA | R-7 |
| Lesser Canada (Tav/Parv) | Drafts 80, Jul 94 | WA | R-7 | OR | OR | MT | MT | WA | WA | ID | NV | NV |
| Vancouver Canada | Draft Sep 79 | AK | | | | | | | | | | |
| Pacific Canada | Jun 89, Jul 00 | NV | CO | WY | WY | ID | ID | MT | MT | UT | UT | AZ |
| Rocky Mountain Canada | Mar 83, Mar 92, Jul 01 | | | | | | | | | | | |
| Pacific White-fronted | Mar 87, Jul 03 | OR | R-1 | AK | AK | WA | WA | OR | OR | CA | CA | R-7 |
| Tule White-fronted | Jul 91 | CA | | | | | | | | | | |
| Midcontinent White-fronted | Aug 15 | AK | AK | AK | AK | AK | AK | AK | AK | AK | AK | AK |
| Pacific Brant | Jul 81, Jul 92, Jul 02, Mar 18 | CA | CA | WA | WA | OR | OR | R-7 | R-7 | CA | CA | R-1 |
| Wrangel Island Snow | Mar 92, Jul 06 | WA | | | | | | | | | | |
| Western Arctic Snow | Jul 92, Jul 13 | AK | MT | CO | CO | CA | CA | AZ | AZ | WA | WA | R-7 |
| Ross's | Jul 92 | AK | | | | | | | | | | |
| Emperor | May 88, Jul 94, Jul 06, Sep 16 | R-7 | R-7 | AK | AK | R-7 | R-7 | AK | AK | R-7 | R-7 | AK |
| Swans: | | | | | | | | | | | | |
| Pacific Coast Trumpeter | Jul 86, Mar 93, Jul 06, Mar 08 | OR | R-7 | WA | WA | R-1 | R-1 | OR | OR | R-7 | R-7 | R-1 |
| Rocky Mountain Trumpeter | Jul 84, Jul 92, Jul 98, Jul 08, Jul 12 | ID | ID | UT | UT | WY | NV | MT | MT | UT | UT | WY |
| Western Tundra | Mar 83, Apr 89, Jul 01, Aug 17 | UT | R-1 | NV | NV | ID | ID | UT | R-7 | R-7 | MT | MT |
| Eastern Tundra | Jun 82, May 88, Jul 98, Jul 07 | -- | AK | AK | AK | AK | AK | AK | AK | AK | AK | AK |
| Sandhill Cranes: | | | | | | | | | | | | |
| Pacific Coast | Mar 83 | | AK | R-1 | R-1 | WA | WA | CA | CA | R-7 | R-7 | OR |
| Central Valley | Mar 83, Jul 95, Jul 97 | R-1 | | | | | | | | | | |
| Rocky Mountain | Mar 87, Mar 91, Jul 97, Mar 07, Mar 16 | | MT | CO | CO | WY | WY | AZ | AZ | MT | MT | CO |
| Lower Colorado River | Mar 83, May 89, Mar 95, Aug 17 | AZ | NV | ID | ID | CA | CA | R-2 | R-2 | AZ | AZ | NV |
| Midcontinent | Mar 06, Mar 18 | | AK | AZ | AZ | R-7 | R-7 | R-2 | R-2 | AK | AK | AZ |
| Doves and Pigeons | | | | | | | | | | | | |
| PC Band-tailed Pigeon | Mar 83, Mar 94, Jul 10 | DMBM | CA | OR | OR | OR | OR | R-1 | R-1 | CA | CA | OR |
| Interior Band-tailed Pigeon | Mar 01 | CO | UT | R-2 | R-2 | AZ | AZ | CO | CO | R-2 | R-2 | AZ |
| WMU Mourning Dove | Mar 92 | MT | NV | AZ | AZ | R-2 | R-2 | WA | WA | AZ | AZ | R-2 |
| White-winged Dove | Jul 93, Mar 04 | AZ | | | | | | | | | | |
| Other: | | | | | | | | | | | | |
| American White Pelican | Jul 12 | ID | NV | NV | ID | ID | UT | UT | NV | ID | ID | UT |
| Double-Crested Cormorant | Jul 12 | OR | WA | WA | OR | OR | ID | ID | WA | WA | OR | OR |
| Eagle | | | AK | AK | NV | NV | CA | CA | AZ | AZ | MT | MT |
| Banding [1] | | | OR | OR | OR | OR | OR | OR | OR | OR | OR | OR |

[1] Subcommittee of the Study Committee

Revised: Sept. 2018

Note that Colorado only has a Study Committee member participating at the technical level.

Abbreviations: "R" refers to "USFWS Region" (e.g., R-1 is FWS Region 1), and DMBM is FWS Division of Migratory Bird Management.

Past chairs of Pacific Flyway Council, Study Committee (SC), Nongame Technical Committee (NTC), and Consultants to the U.S. Fish and Wildlife Service Regulations Committee (SRC). Council is represented at the SRC by one Coastal and one Inland council member serving staggered 4-year terms. Terms of office varied in the past and some substitutions were made. Prior to January 1, 2016, most terms began October 1 of the year elected through September 30 of the following year. After January 1, 2016, terms are calendar year.
The Pacific Flyway Representative is provided for historical reference.

| Year | Chairs | | | | SRC Consultants | | | | Pacific Flyway Representative |
|---|---|---|---|---|---|---|---|---|---|
| | State | Council | SC | NTC | State | Senior | State | Junior | |
| **1952** | California | Ben Glading | | | Washington | Carl Crouse | Utah | R.L. Turpin | John C. Chattin |
| **1953** | Nevada | Frank Groves | | | California | William Silva | Oregon | Phil Schneider | John C. Chattin |
| **1954** | Idaho | Ross Leonard | | | Oregon | Phil Schneider | Nevada | Frank Groves | John C. Chattin |
| **1955** | Arizona | John Hall | | | Nevada | Frank Groves | Washington | Dr. Bernard | John C. Chattin |
| **1956** | Utah | J. Perry Egan | Wesley Fleming (AZ) | | Washington | John Biggs | Idaho | Ross Leonard | John C. Chattin |
| **1957** | Oregon | Phil Schneider | Chester Kebbe | | Idaho | Ross Leonard | California | Weldon Oxley | John C. Chattin |
| **1958** | Washington | John Biggs | | | California | Tom Richards, Jr. | Arizona | Wendell Swank | John C. Chattin |
| **1959** | California | Wm. E. Warner | | | Arizona | Robert Smith | Oregon | Phil Schneider | John C. Chattin |
| **1960** | Nevada | Frank Groves | | | Oregon | Phil Schneider | Utah | Harold Crane | John C. Chattin |
| **1961** | Idaho | Ross Leonard | Don Smith (UT) | | Utah | Harold Crane | Washington | John Biggs | John C. Chattin |
| **1962** | Arizona | Robert Smith | Vic Oglesby (NV) | | Washington | John Biggs | Nevada | Frank Groves | John C. Chattin |
| **1963** | Oregon | Phil Schneider | | | Idaho | Robert Salter | California | Ben Glading | John C. Chattin |
| **1964** | Washington | John Biggs | J. Burton Lauckhart | | California | Ben Glading | Nevada | Frank Groves | John C. Chattin |
| **1965** | California | Walter T. Shannon | | | Nevada | Frank Groves | Oregon | Phil Schneider | John C. Chattin |
| **1966** | Utah | John (Bud) Phelps | | | Oregon | Phil Schneider | Arizona | Wendell Swank | John C. Chattin |
| **1967** | Nevada | Frank Groves | John Nagel (UT) | | Arizona | Robert Jantzen | Washington | John Biggs | John C. Chattin |
| **1968** | Idaho | John R. Woodworth | Fred Wright (NV) | | Washington | John Biggs | Utah | John Phelps | John C. Chattin |
| **1969** | Arizona | Robert Jantzen | Wesley Fleming | | Utah | John Phelps | California | Ray Arnett | John C. Chattin |
| **1970** | Oregon | John McKean | Chester Kebbe | | California | Ray Arnett | Idaho | Joe Greenley | John C. Chattin |
| **1971** | Washington | Carl Crouse | J. Burton Lauckhart | | Idaho | Joe Greenley | Oregon | John McKean | John C. Chattin |
| **1972** | California | Ray Arnett | Frank Kozlik | | Oregon | John McKean | Nevada | Frank Groves | John C. Chattin |
| **1973** | Utah | John Phelps | Dick Norell (ID) | | Nevada | Glen Griffith | Washington | Carl Crouse | John C. Chattin |
| **1974** | Nevada | Glen Griffith | Al Regenthal (UT) | | Washington | Carl Crouse | Arizona | Robert Jantzen | John C. Chattin |
| **1975** | Idaho | Joe Greenley | Larry Barngrover (NV) | | Arizona | Robert Jantzen | California | Chas. Fullerton | John C. Chattin |
| **1976** | Washington | Ralph Larson | Don Berlinski (AZ) | | California | Chas. Fullerton | Utah | John Phelps | John C. Chattin |
| **1977** | Arizona | Robert Jantzen | Chester Kebbe (OR) | | Utah | Don Smith | Oregon | Robert Mace | James C. Bartonek |
| **1978** | Oregon | Jack Donaldson | Robert Jeffrey (WA) | | Oregon | Jack Donaldson | Idaho | Joe Greenley | James C. Bartonek |
| **1979** | California | Chas. Fullerton | Bob LeDonne | | Idaho | Robert Salter | Washington | Ralph Larson | James C. Bartonek |
| **1980** | Alaska | Ronald Skoog | Dan Timm | | California | Eldridge (Red) Hunt | Nevada | Joe Greenley | James C. Bartonek |
| **1981** | Utah | Douglas Day | Al Regenthal | | Nevada | Joe Greenley | Washington | Frank Lockard | James C. Bartonek |
| **1982** | Nevada | Willie Molini | Terry Retterer | | Washington | Frank Lockard | Arizona | Buddy Bristow | James C. Bartonek |
| **1983** | Idaho | Ken Norrie | Gary Will | | Arizona | Buddy Bristow | Oregon | Jack Donaldson | James C. Bartonek |
| **1984** | Washington | Jack Wayland | Don Kraege | | Oregon | Ralph Denney | Utah | Bill Geer | James C. Bartonek |
| **1985** | Arizona | Buddy Bristow | Phil Smith | | Utah | Bill Geer | Alaska | Lew Pamplin | James C. Bartonek |
| **1986** | Oregon | Ralph Denney | Ken Durbin | | Alaska | Lew Pamplin | Montana | Ron Marcoux | James C. Bartonek |
| **1987** | California | Peter Bontadelli | Dan Connelly | | Montana | Ron Marcoux | California | Red Hunt | James C. Bartonek |
| **1988** | Montana | Ron Marcoux | Jeff Herbert | | California | Red Hunt | Idaho | Ken Norrie | James C. Bartonek |
| **1989** | Alaska | Lew Pamplin | Tom Rothe | | Idaho | Ken Norrie | Washington | Curt Smitch | James C. Bartonek |
| **1990** | Wyoming | Jay Lawson | Tim Britt | | Washington | Rich Poelker | Nevada | Willie Molini | James C. Bartonek |
| **1991** | Colorado | Perry Olson | Mike Szymczak | | Nevada | Willie Molini | Oregon | Rod Ingram | James C. Bartonek |
| **1992** | Utah | Tim Provan | Tom Aldrich | | Oregon | Rod Ingram | Wyoming | Jay Lawson | James C. Bartonek |
| **1993** | Idaho | Ken Norrie | Gary Will | | Wyoming | Jay Lawson | Alaska | Wayne Regelin | James C. Bartonek |
| **1994** | Nevada | Willie Molini | Norm Saake | | Alaska | Wayne Regelin | Colorado | Len Carpenter | James C. Bartonek |
| **1995** | Washington | J. David Brittell | Don Kraege | | Colorado | Mike Szymczak | California | Terry Mansfield | James C. Bartonek |
| **1996** | Arizona | Duane Shroufe | Phil Smith | | California | Terry Mansfield | Arizona | Duane Shroufe | Robert E. Trost |
| **1997** | Oregon | Jim Greer | Brad Bales | | Arizona | Duane Shroufe | Washington | J. Dave Brittell | Robert E. Trost |
| **1998** | California | Terry Mansfield | Dan Yparraguirre | | Washington | J. Dave Brittell | Montana | Don Childress | Robert E. Trost |
| **1999** | Montana | Don Childress | Tom Heinz | | Montana | Don Childress | Oregon | Jim Greer | Robert E. Trost |
| **2000** | Alaska | Matt Robus | Tom Rothe | | Oregon | Jim Greer | Utah | John Kimball | Robert E. Trost |
| **2001** | Wyoming | Jay Lawson | Steve Tessmann | | Utah | John Kimball | Alaska | Matt Robus | Robert E. Trost |
| **2002** | Colorado | Walt Graul | Todd Sanders | | Alaska | Matt Robus | Idaho | Steve Huffaker | Robert E. Trost |
| **2003** | Utah | Mile Moretti | Tom Aldrich | | Idaho | Terry Mansfield | Alaska | Matt Robus (sub) | Robert E. Trost |
| **2004** | Nevada | Terry Crawforth | Craig Mortimore | | California | Ryan Broddrick | Nevada | Terry Crawforth | Robert E. Trost |
| **2005** | Idaho | Terry Mansfield | Tom Hemker | Rex Sallabanks | Nevada | Terry Crawforth | Washington | J. Dave Brittell | Robert E. Trost |
| **2006** | Washington | J. David Brittell | Don Kraege | Joe Buchanan | Washington | J. Dave Brittell | Wyoming | Bill Rudd | Robert E. Trost |
| **2007** | Arizona | Duane Shroufe | Mike Rabe | Eric Gardner | Wyoming | Bill Rudd | Oregon | Ronald Anglin | Robert E. Trost |
| **2008** | Oregon | Ronald Anglin | Brad Bales | Peg Boulay | Oregon | Ronald Anglin | Colorado | Tom Remington | Robert E. Trost |
| **2009** | California | Sonke Mastrup | Dan Yparraguirre | Carie Battistone | Colorado | Tom Remington | Alaska | Dale Rabe | Robert E. Trost |
| **2010** | Montana | Ken McDonald | Rick Northrup | Catherine Wightman | Alaska | Dale Rabe | Arizona | Larry Voyles | Robert E. Trost |
| **2011** | Alaska | Dale Rabe | Dan Rosenberg | Mary Rabe | Arizona | Bob Broscheid | California | Sonke Mastrup | Robert E. Trost |
| **2012** | Wyoming | Tom Ryder | Steve Tessmann | Susan Patla | California | Dan Yparraguirre | Montana | Ken McDonald | Robert E. Trost |
| **2013** | Utah | Mike Fowlks | Blair Stringham | Jim Parrish | Montana | Ken McDonald | Washington | Dave Brittell | Robert E. Trost |
| **2014** | Nevada | Tony Wasley | Russell Woolstenhulme | Cris Tomlinson | Washington | Greg Schirato | Utah | Mike Fowlks | Todd A. Sanders |
| **2015** | Idaho | Jeff Gould | Jeff Knetter | Colleen Moulton | Utah | Mike Fowlks | Oregon | Ronald Anglin | Todd A. Sanders |
| **2016** | Idaho | Jeff Gould | Jeff Knetter | Colleen Moulton | Utah | Mike Fowlks | Oregon | Ronald Anglin | Todd A. Sanders |
| **2017** | Washington | Eric Gardner | Kyle Spragens | Joe Buchanan | Utah | Mike Fowlks | Oregon | Kevin Blakely | Todd A. Sanders |
| **2018** | Arizona | Josh Avey | Jonathan O'Dell | Jamey Driscoll | Oregon | Kevin Blakely | Idaho | Scott Reinecker | Todd A. Sanders |
| **2019** | Oregon | Kevin Blakely | Brandon Reishus | Christina Donehower | Oregon | Kevin Blakely | Idaho | Scott Reinecker | Todd A. Sanders |
| **2020** | California | Stafford Lehr | Melanie Weaver | Neil Clipperton | Idaho | Toby Boudreau | Alaska | Ryan Scott | Todd A. Sanders |

**Active adult duck hunters by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999[a] | 6,500 | 48,100 | 14,000 | 20,900 | 12,300 | 5,600 | 2,200 | 26,500 | 21,000 | 31,000 | 4,600 | 171,800 | 5,600 | 221,200 | 575,900 | 198,500 | 1,173,100 |
| 2000[a] | 2,700 | 44,900 | 14,000 | 17,100 | 11,300 | 4,800 | 3,100 | 26,100 | 19,500 | 30,500 | 4,300 | 157,000 | 6,000 | 235,300 | 553,600 | 192,200 | 1,144,100 |
| 2001[a] | 3,700 | 51,000 | 17,500 | 12,100 | 11,000 | 3,800 | 5,100 | 22,600 | 15,900 | 26,100 | 4,200 | 146,200 | 5,700 | 271,100 | 545,100 | 197,800 | 1,165,900 |
| 2002[a] | 4,100 | 39,400 | 12,700 | 17,500 | 14,700 | 3,900 | 4,400 | 21,900 | 16,000 | 24,000 | 4,400 | 141,500 | 5,600 | 225,500 | 517,900 | 182,400 | 1,072,900 |
| 2003[b] | 3,400 | 43,100 | 13,400 | 18,200 | 14,200 | 4,200 | 3,900 | 19,200 | 15,900 | 24,700 | 4,300 | | 5,700 | | | | |
| 2004[b] | 3,700 | 52,900 | 13,600 | 17,100 | 14,400 | 3,500 | 3,300 | 18,500 | 16,400 | 22,400 | 3,400 | | 4,800 | | | | |
| 2005 | 3,000 | 47,000 | 12,300 | 18,500 | 12,100 | 3,600 | 2,900 | 18,700 | 17,000 | 23,400 | 3,600 | 143,300 | 5,700 | 205,300 | 449,700 | 184,500 | 988,400 |
| 2006 | 3,800 | 46,400 | 12,400 | 18,400 | 12,900 | 4,000 | 2,400 | 24,700 | 17,100 | 20,500 | 4,000 | 148,000 | 5,100 | 190,900 | 463,700 | 176,500 | 984,200 |
| 2007 | 3,783 | 53,188 | 11,882 | 17,537 | 11,258 | 2,893 | 2,820 | 22,337 | 16,043 | 20,462 | 4,587 | 147,501 | 4,834 | 193,400 | 474,400 | 175,600 | 995,735 |
| 2008 | 3,333 | 58,134 | 13,750 | 19,952 | 12,553 | 2,618 | 2,552 | 23,602 | 16,648 | 20,888 | 3,630 | 157,728 | 5,178 | 178,284 | 466,351 | 172,963 | 980,504 |
| 2009 | 3,321 | 51,325 | 13,257 | 15,399 | 11,532 | 3,502 | 1,784 | 18,675 | 13,993 | 19,195 | 4,148 | 136,941 | 4,886 | 172,662 | 468,419 | 193,233 | 976,142 |
| 2010 | 3,351 | 55,470 | 9,094 | 16,883 | 10,157 | 3,622 | 2,617 | 19,510 | 15,944 | 21,022 | 3,326 | 145,960 | 7,946 | 163,341 | 469,810 | 183,100 | 970,202 |
| 2011 | 2,997 | 49,109 | 12,151 | 14,211 | 11,647 | 3,217 | 2,945 | 20,848 | 14,716 | 20,091 | 4,018 | 136,836 | 4,836 | 183,780 | 477,001 | 181,483 | 983,935 |
| 2012 | 2,572 | 51,901 | 11,081 | 16,202 | 13,533 | 3,860 | 3,328 | 18,544 | 17,503 | 23,761 | 3,412 | 147,896 | 4,501 | 178,983 | 472,271 | 192,083 | 995,743 |
| 2013 | 4,727 | 47,011 | 11,894 | 19,403 | 10,647 | 3,632 | 2,131 | 13,766 | 14,297 | 17,189 | 4,724 | 130,671 | 4,676 | 159,725 | 411,616 | 174,692 | 881,380 |
| 2014 | 2,981 | 43,045 | 12,977 | 18,959 | 17,522 | 2,728 | 5,363 | 18,304 | 16,877 | 21,346 | 3,464 | 141,762 | 5,084 | 207,938 | 433,085 | 173,584 | 961,452 |
| 2015 | 2,298 | 46,886 | 11,009 | 11,849 | 16,922 | 2,421 | 2,078 | 15,569 | 14,128 | 23,218 | 3,192 | 133,291 | 2,384 | 173,450 | 386,092 | 174,491 | 869,707 |
| 2016 | 3,911 | 47,081 | 10,323 | 15,464 | 12,279 | 2,663 | 4,169 | 18,720 | 16,193 | 21,480 | 3,106 | 137,791 | 5,315 | 187,384 | 396,728 | 176,887 | 904,105 |
| 2017 | 2,065 | 56,125 | 11,655 | 17,700 | 12,437 | 2,596 | 3,011 | 26,755 | 16,254 | 20,757 | 4,097 | 154,688 | 4,546 | 191,416 | 390,526 | 168,592 | 909,767 |
| 2018 | 2,010 | 51,410 | 11,881 | 18,264 | 14,645 | 3,379 | 3,284 | 28,213 | 13,801 | 31,511 | 3,692 | 163,233 | 4,233 | 192,267 | 387,682 | 194,111 | 941,526 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 3,412 | 49,174 | 12,543 | 17,081 | 12,902 | 3,527 | 3,169 | 21,152 | 16,260 | 23,176 | 3,910 | 146,783 | 5,131 | 196,218 | 463,327 | 182,929 | 994,378 |
| 3-yr | 2,662 | 51,539 | 11,286 | 17,143 | 13,121 | 2,879 | 3,488 | 24,562 | 15,416 | 24,583 | 3,632 | 151,904 | 4,698 | 190,355 | 391,645 | 179,863 | 918,466 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -42.4 | 4.8 | -5.5 | 7.3 | 14.3 | -4.4 | 3.8 | 35.8 | -15.8 | 38.6 | -5.8 | 11.9 | -18.2 | -2.1 | -17.1 | 6.5 | -5.6 |
| 3-yr | -24.5 | -0.2 | 5.3 | 6.5 | 11.6 | 17.4 | -5.9 | 14.9 | -10.5 | 28.2 | 1.7 | 7.5 | -9.9 | 1.0 | -1.0 | 7.9 | 2.5 |
| 2017 | -2.7 | -8.4 | 1.9 | 3.2 | 17.8 | 30.2 | 9.1 | 5.5 | -15.1 | 51.8 | -9.9 | 5.5 | -6.9 | 0.4 | -0.7 | 15.1 | 3.5 |

[a]Final estimates. All other years Preliminary.

**Active adult goose hunters by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 1,900 | 28,800 | 15,300 | 20,500 | 10,700 | 3,100 | 1,700 | 18,900 | 12,900 | 16,800 | 3,300 | 113,600 | 2,700 | 189,400 | 352,400 | 119,300 | 777,400 |
| 2000 | 1,000 | 26,200 | 18,400 | 19,500 | 12,300 | 2,700 | 2,700 | 16,200 | 13,500 | 18,800 | 4,600 | 110,100 | 3,000 | 184,400 | 367,500 | 120,600 | 785,600 |
| 2001 | 1,700 | 30,700 | 16,800 | 14,900 | 10,600 | 2,900 | 3,400 | 12,900 | 10,900 | 14,600 | 3,700 | 99,300 | 2,500 | 194,900 | 358,800 | 164,100 | 819,600 |
| 2002 | 1,300 | 27,200 | 16,300 | 12,000 | 13,800 | 2,900 | 3,400 | 12,400 | 10,300 | 13,500 | 4,000 | 99,400 | 2,200 | 174,200 | 348,200 | 159,800 | 777,800 |
| 2003 | 1,000 | 38,000 | 15,900 | 15,400 | 14,000 | 2,500 | 2,500 | 11,400 | 10,800 | 15,400 | 4,300 | -- | 2,200 | -- | -- | -- | -- |
| 2004 | 1,300 | 38,200 | 14,700 | 13,300 | 12,800 | 2,400 | 2,300 | 13,300 | 10,800 | 13,200 | 3,600 | -- | 2,000 | -- | -- | -- | -- |
| 2005 | 800 | 32,300 | 14,600 | 16,000 | 9,700 | 2,500 | 2,000 | 11,500 | 10,800 | 15,000 | 4,000 | -- | 1,700 | -- | -- | -- | -- |
| 2006 | 1,100 | 30,500 | 13,000 | 13,700 | 11,200 | 2,100 | 1,800 | 14,400 | 10,700 | 15,100 | 3,900 | 98,900 | 1,700 | 151,500 | 314,800 | 140,400 | 707,300 |
| 2007 | 1,300 | 33,300 | 14,600 | 11,200 | 11,900 | 1,600 | 1,700 | 11,900 | 10,100 | 13,400 | 3,900 | 94,700 | 1,900 | 158,600 | 297,700 | 151,100 | 704,100 |
| 2008 | 1,100 | 37,800 | 16,000 | 13,700 | 10,200 | 1,900 | 1,500 | 13,800 | 9,400 | 12,000 | 3,700 | 99,900 | 2,000 | 144,200 | 289,000 | 151,900 | 687,000 |
| 2009 | 1,100 | 33,400 | 15,200 | 11,100 | 12,100 | 2,400 | 1,000 | 10,100 | 8,500 | 12,900 | 3,600 | 91,600 | 2,000 | 123,400 | 281,700 | 145,200 | 643,900 |
| 2010 | 1,100 | 38,600 | 10,700 | 11,100 | 10,700 | 2,500 | 1,700 | 10,000 | 11,700 | 12,000 | 3,800 | 91,600 | 3,100 | 123,400 | 281,700 | 145,200 | 643,900 |
| 2011 | 1,400 | 33,900 | 12,000 | 12,800 | 8,900 | 2,100 | 2,500 | 12,100 | 8,900 | 12,700 | 3,700 | 97,800 | 2,100 | 129,000 | 261,800 | 137,300 | 629,000 |
| 2012 | 500 | 32,100 | 13,900 | 12,700 | 14,100 | 2,200 | 2,900 | 8,800 | 10,300 | 13,500 | 3,800 | 94,300 | 2,100 | 124,900 | 241,500 | 130,900 | 593,800 |
| 2013 | 1,600 | 29,800 | 14,300 | 15,600 | 6,600 | 1,900 | 2,000 | 7,500 | 7,800 | 10,200 | 4,600 | 80,900 | 1,800 | 129,200 | 223,400 | 126,500 | 561,900 |
| 2014 | 1,930 | 38,067 | 14,568 | 15,165 | 12,533 | 1,829 | 2,974 | 8,697 | 10,135 | 10,851 | 3,729 | 99,207 | 1,886 | 143,851 | 240,082 | 131,699 | 616,725 |
| 2015 | 1,210 | 28,721 | 12,240 | 9,441 | 12,221 | 1,605 | 1,328 | 9,000 | 8,699 | 13,343 | 3,209 | 84,240 | 1,086 | 116,933 | 250,204 | 130,927 | 583,390 |
| 2016 | 2,257 | 30,901 | 15,209 | 11,202 | 8,118 | 1,619 | 1,816 | 10,508 | 9,239 | 11,291 | 3,870 | 85,135 | 1,940 | 140,280 | 260,429 | 148,792 | 636,577 |
| 2017 | 1,237 | 43,931 | 14,044 | 15,754 | 9,681 | 2,418 | 1,563 | 13,273 | 9,168 | 11,184 | 4,207 | 106,645 | 1,752 | 143,148 | 271,722 | 124,277 | 647,544 |
| 2018 | 1,031 | 36,841 | 12,539 | 16,335 | 9,538 | 905 | 3,178 | 13,666 | 7,902 | 18,034 | 3,741 | 104,251 | 1,916 | 134,415 | 233,507 | 114,811 | 588,900 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 1,293 | 33,463 | 14,515 | 14,070 | 11,085 | 2,204 | 2,198 | 12,017 | 10,127 | 13,690 | 3,863 | 97,152 | 2,079 | 147,396 | 286,732 | 137,812 | 670,849 |
| 3-yr | 1,508 | 37,224 | 13,931 | 14,430 | 9,112 | 1,647 | 2,186 | 12,482 | 8,770 | 13,503 | 3,939 | 98,677 | 1,869 | 139,281 | 255,219 | 129,293 | 624,340 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -21.1 | 10.7 | -14.2 | 17.1 | -14.6 | -60.2 | 48.0 | 14.6 | -22.9 | 34.0 | -3.3 | 7.8 | -8.2 | -9.3 | -19.5 | -17.6 | -12.9 |
| 3-yr | -31.7 | -1.0 | -10.0 | 13.2 | 4.7 | -45.1 | 45.4 | 9.5 | -9.9 | 33.6 | -5.0 | 5.6 | 2.5 | -3.5 | -8.5 | -11.2 | -5.7 |
| 2017 | -16.6 | -16.1 | -10.7 | 3.7 | -1.5 | -62.6 | 103.3 | 3.0 | -13.8 | 61.2 | -11.1 | -2.2 | 9.4 | -6.1 | -14.1 | -7.6 | -9.1 |

**Days of hunting per active adult duck hunter by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 5.2 | 9.7 | 5.8 | 7.9 | 5.7 | 6.3 | 6.3 | 8.1 | 6.7 | 9.6 | 3.8 | -- | 5.2 | -- | -- | -- | -- |
| 2000 | 4.7 | 9.3 | 5.8 | 7.2 | 6.3 | 6.4 | 8.0 | 7.3 | 6.6 | 8.1 | 6.2 | -- | 5.7 | -- | -- | -- | -- |
| 2001 | 7.3 | 9.8 | 6.5 | 5.9 | 6.5 | 6.6 | 6.0 | 7.5 | 7.1 | 7.6 | 6.3 | -- | 5.1 | -- | -- | -- | -- |
| 2002 | 6.3 | 9.5 | 5.6 | 6.1 | 5.4 | 7.5 | 7.0 | 8.1 | 6.4 | 7.8 | 6.0 | -- | 5.7 | -- | -- | -- | -- |
| 2003 | 6.1 | 9.4 | 6.4 | 6.9 | 5.0 | 5.8 | 7.9 | 7.1 | 8.5 | 7.0 | 5.3 | -- | 4.7 | -- | -- | -- | -- |
| 2004 | 5.7 | 10.5 | 6.3 | 6.2 | 5.0 | 5.7 | 7.8 | 6.8 | 7.1 | 7.3 | 9.2 | -- | 4.7 | -- | -- | -- | -- |
| 2005 | 6.5 | 10.4 | 5.4 | 6.0 | 5.3 | 6.2 | 5.8 | 7.6 | 7.2 | 7.1 | 5.5 | 7.9 | 5.5 | 5.7 | 6.8 | 5.8 | 6.6 |
| 2006 | 5.8 | 11.2 | 5.2 | 6.1 | 4.7 | 5.8 | 6.5 | 9.6 | 7.0 | 8.7 | 5.6 | 8.6 | 4.9 | 5.6 | 7.3 | 5.9 | 6.9 |
| 2007 | 6.1 | 10.4 | 5.6 | 5.4 | 5.1 | 6.4 | 6.6 | 11.0 | 6.7 | 8.4 | 5.2 | 8.6 | 5.4 | 5.8 | 7.3 | 6.1 | 7.0 |
| 2008 | 5.0 | 10.2 | 5.3 | 6.1 | 4.5 | 5.8 | 5.8 | 10.1 | 6.4 | 7.5 | 5.2 | 8.3 | 5.0 | 5.3 | 7.3 | 5.8 | 6.8 |
| 2009 | 5.6 | 8.8 | 5.8 | 5.7 | 4.0 | 8.5 | 6.7 | 6.3 | 6.9 | 7.4 | 6.1 | 7.2 | 4.9 | 5.9 | 7.4 | 6.4 | 6.9 |
| 2010 | 5.4 | 10.8 | 5.6 | 5.0 | 4.9 | 6.6 | 6.1 | 8.3 | 7.3 | 6.3 | 5.6 | 8.1 | 4.6 | 5.5 | 7.2 | 5.9 | 6.8 |
| 2011 | 7.3 | 9.5 | 5.3 | 6.9 | 5.2 | 7.5 | 5.7 | 8.2 | 8.7 | 9.5 | 4.9 | 8.5 | 5.1 | 6.3 | 7.6 | 6.0 | 7.2 |
| 2012 | 8.0 | 10.7 | 5.2 | 7.4 | 5.2 | 5.8 | 5.1 | 7.9 | 7.4 | 8.2 | 6.1 | 8.5 | 5.7 | 6.4 | 7.4 | 5.7 | 7.1 |
| 2013 | 4.9 | 8.6 | 6.5 | 6.6 | 6.0 | 5.1 | 6.3 | 8.5 | 6.3 | 7.4 | 5.6 | 7.4 | 5.5 | 6.6 | 7.5 | 5.9 | 7.0 |
| 2014 | 4.7 | 7.2 | 5.2 | 6.0 | 4.6 | 5.5 | 5.4 | 6.9 | 5.9 | 7.2 | 5.3 | 6.4 | 4.0 | 5.5 | 6.9 | 5.3 | 6.2 |
| 2015 | 4.5 | 8.0 | 6.2 | 5.8 | 5.1 | 5.0 | 4.7 | 6.0 | 5.8 | 6.7 | 5.0 | 6.6 | 4.4 | 5.5 | 7.0 | 5.4 | 6.3 |
| 2016 | 4.5 | 7.9 | 5.9 | 6.0 | 5.6 | 5.2 | 2.6 | 6.6 | 5.3 | 6.4 | 4.2 | 6.6 | 4.3 | 5.2 | 6.7 | 5.7 | 6.1 |
| 2017 | 4.2 | 7.9 | 5.2 | 5.6 | 4.6 | 5.6 | 5.9 | 7.5 | 6.3 | 5.9 | 5.3 | 6.8 | 4.1 | 4.8 | 6.5 | 5.4 | 6.0 |
| 2018 | 4.4 | 7.2 | 5.0 | 5.2 | 4.9 | 6.3 | 7.4 | 7.0 | 5.9 | 8.5 | 4.2 | 6.8 | 4.1 | 4.8 | 6.3 | 5.0 | 5.8 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 5.6 | 9.3 | 5.7 | 6.2 | 5.2 | 6.2 | 6.2 | 7.8 | 6.8 | 7.6 | 5.5 | 7.6 | 4.9 | 5.6 | 7.1 | 5.7 | 6.6 |
| 3-yr | 4.3 | 7.7 | 5.3 | 5.6 | 5.0 | 5.7 | 5.3 | 7.0 | 5.8 | 7.0 | 4.6 | 6.7 | 4.2 | 4.9 | 6.5 | 5.4 | 6.0 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -22.9 | -23.9 | -12.9 | -16.8 | -4.8 | 1.2 | 20.5 | -11.4 | -13.1 | 11.7 | -24.7 | -11.0 | -17.8 | -15.1 | -11.6 | -13.2 | -12.8 |
| 3-yr | 0.8 | -6.1 | -6.8 | -7.1 | -1.8 | 9.7 | 39.2 | -0.7 | 1.7 | 21.8 | -8.0 | 1.2 | -2.0 | -2.1 | -2.7 | -6.4 | -2.6 |
| 2017 | 4.7 | -9.0 | -3.6 | -6.8 | 7.0 | 10.9 | 25.5 | -7.1 | -6.0 | 42.5 | -20.7 | 0.4 | -1.6 | 0.6 | -2.9 | -6.9 | -2.6 |

**Days of hunting per active adult goose hunter by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 5.7 | 7.5 | 6.1 | 6.6 | 5.6 | 3.9 | 3.8 | 6.0 | 6.4 | 7.4 | 5.0 | 6.7 | 4.4 | 5.1 | 6.4 | 4.3 | 5.8 |
| 2000 | 4.7 | 7.9 | 6.1 | 5.6 | 6.6 | 5.0 | 6.1 | 6.0 | 6.0 | 5.7 | 5.7 | 6.4 | 4.7 | 5.4 | 6.1 | 4.3 | 5.7 |
| 2001 | 6.2 | 7.4 | 6.2 | 6.1 | 5.6 | 5.1 | 4.3 | 5.5 | 6.3 | 6.1 | 6.0 | 6.4 | 3.8 | 4.8 | 6.2 | 5.3 | 5.7 |
| 2002 | 5.9 | 7.8 | 5.6 | 6.2 | 4.8 | 4.5 | 5.8 | 6.0 | 6.4 | 4.6 | 5.6 | 5.8 | 4.7 | 4.8 | 6.7 | 5.3 | 5.9 |
| 2003 | 4.7 | 6.4 | 7.0 | 6.5 | 4.7 | 4.9 | 5.3 | 6.2 | 7.1 | 4.9 | 5.7 | -- | 4.5 | -- | -- | -- | -- |
| 2004 | 6.4 | 7.1 | 6.3 | 6.6 | 4.8 | 4.4 | 5.0 | 6.2 | 6.4 | 5.0 | 6.9 | -- | 4.8 | -- | -- | -- | -- |
| 2005 | 4.6 | 7.7 | 5.8 | 6.3 | 4.4 | 4.8 | 4.2 | 5.8 | 6.6 | 5.8 | 5.2 | -- | 4.1 | -- | -- | -- | -- |
| 2006 | 6.0 | 8.5 | 5.9 | 6.2 | 4.3 | 4.5 | 3.2 | 5.6 | 5.6 | 5.6 | 5.2 | 6.4 | 5.6 | 4.8 | 6.2 | 4.9 | 5.7 |
| 2007 | 6.1 | 7.4 | 5.8 | 4.3 | 4.3 | 5.3 | 3.9 | 7.5 | 5.9 | 5.4 | 5.2 | 6.2 | 5.7 | 4.6 | 6.1 | 5.3 | 5.6 |
| 2008 | 5.3 | 6.8 | 6.6 | 5.2 | 3.9 | 4.7 | 3.7 | 6.6 | 5.1 | 5.5 | 5.5 | 5.9 | 4.5 | 5.0 | 6.0 | 5.2 | 5.6 |
| 2009 | 6.5 | 7.5 | 5.6 | 7.0 | 4.0 | 5.2 | 4.7 | 6.6 | 6.3 | 6.3 | 4.7 | 6.5 | 4.5 | 4.9 | 6.3 | 5.5 | 5.9 |
| 2010 | 5.2 | 7.2 | 5.6 | 5.1 | 3.9 | 5.1 | 3.3 | 5.2 | 5.9 | 4.4 | 5.3 | 6.2 | 4.4 | 4.9 | 5.6 | 4.7 | 5.4 |
| 2011 | 5.6 | 6.5 | 5.7 | 5.8 | 4.5 | 5.4 | 6.0 | 5.7 | 6.1 | 5.8 | 4.8 | 5.6 | 5.8 | 5.3 | 6.4 | 4.8 | 5.7 |
| 2012 | 6.6 | 8.2 | 6.1 | 6.7 | 5.0 | 5.7 | 4.7 | 6.1 | 6.4 | 4.6 | 5.1 | 6.5 | 5.8 | 4.9 | 6.3 | 5.3 | 5.8 |
| 2013 | 5.9 | 6.8 | 6.3 | 5.2 | 4.7 | 5.3 | 4.2 | 6.5 | 5.7 | 5.5 | 6.0 | 6.0 | 5.3 | 5.1 | 6.7 | 5.2 | 5.9 |
| 2014 | 6.2 | 6.8 | 5.1 | 5.2 | 4.5 | 4.4 | 3.2 | 6.0 | 5.0 | 5.3 | 4.7 | 5.8 | 4.0 | 4.7 | 5.9 | 4.6 | 5.3 |
| 2015 | 4.1 | 6.4 | 4.7 | 5.6 | 5.1 | 4.2 | 3.4 | 5.4 | 5.1 | 5.0 | 5.0 | 5.6 | 3.9 | 4.7 | 6.5 | 4.6 | 5.6 |
| 2016 | 3.7 | 6.3 | 5.6 | 5.7 | 4.5 | 5.3 | 3.4 | 5.0 | 5.3 | 4.5 | 4.3 | 5.4 | 5.0 | 4.8 | 6.7 | 4.9 | 5.7 |
| 2017 | 3.6 | 6.1 | 5.3 | 3.9 | 5.2 | 5.4 | 4.0 | 4.2 | 5.2 | 5.2 | 5.5 | 5.2 | 4.4 | 4.4 | 5.9 | 4.8 | 5.2 |
| 2018 | 3.8 | 6.7 | 5.6 | 3.3 | 4.2 | 3.1 | 3.0 | 5.5 | 4.7 | 6.0 | 3.9 | 5.4 | 4.6 | 4.5 | 5.7 | 4.5 | 5.1 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 5.3 | 7.2 | 5.8 | 5.7 | 4.7 | 4.8 | 4.3 | 5.9 | 5.9 | 5.4 | 5.3 | 6.0 | 4.7 | 4.9 | 6.2 | 4.9 | 5.6 |
| 3-yr | 3.7 | 6.4 | 5.5 | 4.3 | 4.6 | 4.6 | 3.4 | 4.9 | 5.1 | 5.2 | 4.6 | 5.4 | 4.7 | 4.6 | 6.1 | 4.7 | 5.4 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -30.6 | -7.0 | -4.6 | -43.4 | -10.9 | -36.9 | -30.6 | -7.5 | -20.6 | 11.6 | -26.0 | -9.9 | -1.7 | -7.6 | -8.4 | -9.8 | -8.9 |
| 3-yr | 2.2 | 5.1 | 1.5 | -23.5 | -8.6 | -32.8 | -12.9 | 11.9 | -7.5 | 14.8 | -14.2 | 1.2 | -0.5 | -1.6 | -5.9 | -5.6 | -3.9 |
| 2017 | 4.7 | 9.4 | 5.3 | -15.2 | -18.5 | -42.6 | -24.5 | 29.6 | -9.8 | 15.5 | -28.3 | 3.8 | 6.4 | 2.0 | -2.4 | -6.6 | -1.6 |

**Number of duck hunter days for active adult hunters (in thousands) by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 22.9 | 463.6 | 79.7 | 118.3 | 59.3 | 34.9 | 13.9 | 212.2 | 163.2 | 293.9 | 18.3 | 1,368.4 | 29.1 | 1,418.5 | 4,151.0 | 1,131.3 | 8,098.3 |
| 2000 | 19.2 | 416.6 | 80.5 | 90.6 | 56.8 | 30.8 | 24.7 | 188.2 | 130.4 | 238.7 | 26.5 | 1,171.4 | 33.9 | 1,418.3 | 4,184.6 | 1,109.1 | 7,917.2 |
| 2001 | 26.9 | 492.8 | 113.7 | 71.2 | 70.7 | 25.0 | 30.1 | 166.9 | 111.4 | 194.2 | 26.5 | 1,159.1 | 28.5 | 1,529.2 | 4,265.1 | 1,187.4 | 8,168.9 |
| 2002 | 26.3 | 439.4 | 68.7 | 88.6 | 80.6 | 29.4 | 33.5 | 171.9 | 111.5 | 182.0 | 26.2 | 1,129.7 | 33.9 | 1,290.3 | 4,004.6 | 1,162.3 | 7,616.6 |
| 2003 | 20.9 | 406.9 | 86.0 | 125.3 | 70.6 | 24.4 | 30.9 | 135.4 | 135.2 | 173.0 | 23.0 | 1,091.7 | 26.8 | 1,322.1 | 4,033.4 | 1,106.9 | 7,580.9 |
| 2004 | 21.1 | 554.3 | 85.4 | 105.7 | 71.5 | 19.9 | 25.6 | 124.9 | 116.6 | 163.2 | 31.3 | 1,177.2 | 30.4 | 1,327.0 | 3,857.3 | 979.7 | 7,371.4 |
| 2005 | 19.4 | 486.7 | 66.7 | 110.6 | 64.3 | 22.2 | 16.7 | 142.0 | 122.9 | 166.3 | 19.7 | 1,134.5 | 31.1 | 1,170.8 | 3,075.5 | 1,067.3 | 6,479.2 |
| 2006 | 22.2 | 521.1 | 65.0 | 112.5 | 60.0 | 23.0 | 15.6 | 238.0 | 120.5 | 177.7 | 22.5 | 1,275.0 | 25.2 | 1,077.7 | 3,364.3 | 1,046.2 | 6,788.4 |
| 2007 | 23.1 | 552.9 | 66.1 | 93.7 | 58.0 | 18.6 | 18.7 | 244.5 | 107.2 | 171.8 | 23.9 | 1,269.9 | 25.8 | 1,127.4 | 3,479.1 | 1,076.3 | 6,978.4 |
| 2008 | 16.7 | 591.3 | 72.9 | 121.4 | 56.6 | 15.1 | 14.8 | 237.7 | 107.2 | 157.2 | 18.8 | 1,303.3 | 25.7 | 946.1 | 3,410.0 | 1,001.3 | 6,686.4 |
| 2009 | 18.8 | 511.3 | 79.4 | 113.8 | 50.5 | 22.2 | 17.0 | 147.6 | 115.3 | 154.7 | 22.3 | 1,134.1 | 25.2 | 1,053.0 | 3,455.5 | 1,104.1 | 6,771.9 |
| 2010 | 18.2 | 596.8 | 51.2 | 84.3 | 49.7 | 23.9 | 15.9 | 161.6 | 116.6 | 131.4 | 18.7 | 1,182.6 | 36.4 | 895.0 | 3,404.2 | 1,072.4 | 6,590.8 |
| 2011 | 21.8 | 468.5 | 64.6 | 98.1 | 60.5 | 24.1 | 16.7 | 170.7 | 128.2 | 190.2 | 19.6 | 1,162.3 | 24.8 | 1,158.1 | 3,637.2 | 1,091.4 | 7,073.7 |
| 2012 | 20.6 | 554.0 | 57.4 | 120.7 | 69.8 | 22.2 | 17.0 | 147.3 | 129.7 | 193.8 | 20.8 | 1,258.0 | 25.6 | 1,150.6 | 3,505.2 | 1,104.2 | 7,043.6 |
| 2013 | 23.2 | 403.2 | 77.1 | 127.2 | 63.6 | 18.6 | 13.5 | 117.1 | 90.6 | 127.1 | 26.6 | 970.8 | 25.8 | 1,057.1 | 3,107.2 | 1,036.1 | 6,196.9 |
| 2014 | 14.1 | 309.8 | 67.5 | 114.6 | 79.8 | 15.0 | 28.7 | 125.9 | 99.1 | 152.7 | 18.4 | 911.1 | 20.5 | 1,134.0 | 2,981.9 | 924.2 | 5,971.7 |
| 2015 | 10.3 | 373.7 | 67.9 | 68.5 | 87.1 | 12.2 | 9.7 | 93.5 | 81.3 | 155.7 | 15.9 | 882.2 | 10.4 | 950.0 | 2,702.7 | 950.9 | 5,496.2 |
| 2016 | 17.4 | 370.8 | 60.6 | 93.1 | 68.2 | 13.9 | 11.0 | 123.2 | 85.3 | 138.5 | 13.1 | 910.4 | 22.6 | 970.5 | 2,647.2 | 1,006.6 | 5,557.4 |
| 2017 | 8.6 | 443.9 | 60.2 | 98.8 | 57.5 | 14.6 | 17.7 | 200.3 | 102.7 | 123.4 | 21.8 | 1,049.8 | 18.8 | 921.4 | 2,544.6 | 912.3 | 5,446.9 |
| 2018 | 8.8 | 370.0 | 59.2 | 95.0 | 72.4 | 21.1 | 24.2 | 196.3 | 81.9 | 267.0 | 15.6 | 1,112.6 | 17.3 | 931.4 | 2,452.8 | 977.4 | 5,491.5 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 19.0 | 466.4 | 71.5 | 102.6 | 65.4 | 21.6 | 19.8 | 167.3 | 112.8 | 177.6 | 21.5 | 1,132.7 | 25.9 | 1,142.4 | 3,413.2 | 1,052.4 | 6,766.3 |
| 3-yr | 11.6 | 394.9 | 60.0 | 95.7 | 66.0 | 16.5 | 17.6 | 173.3 | 90.0 | 176.3 | 16.8 | 1,024.3 | 19.6 | 941.1 | 2,548.2 | 965.4 | 5,498.6 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -55.1 | -21.5 | -18.0 | -7.7 | 11.4 | -2.1 | 23.5 | 18.4 | -28.4 | 54.4 | -28.6 | -1.9 | -34.5 | -19.3 | -29.2 | -7.5 | -19.6 |
| 3-yr | -24.4 | -6.3 | -1.4 | -0.7 | 9.7 | 27.7 | 37.3 | 13.3 | -8.9 | 51.5 | -7.4 | 8.6 | -11.8 | -1.0 | -3.7 | 1.2 | -0.1 |
| 2017 | 1.9 | -16.6 | -1.8 | -3.8 | 26.0 | 44.4 | 36.8 | -2.0 | -20.2 | 116.3 | -28.5 | 6.0 | -8.4 | 1.1 | -3.6 | 7.1 | 0.8 |

**Number of goose hunter days for active adult hunters (in thousands) by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 10.8 | 216.6 | 93.7 | 135.5 | 60.3 | 12.2 | 6.5 | 113.9 | 82.9 | 124.0 | 16.6 | 756.3 | 11.9 | 967.1 | 2,248.8 | 516.3 | 4,500.2 |
| 2000 | 4.7 | 208.1 | 111.8 | 109.9 | 80.8 | 13.5 | 16.4 | 96.8 | 81.0 | 107.5 | 26.4 | 702.2 | 14.1 | 991.1 | 2,229.2 | 519.8 | 4,456.5 |
| 2001 | 10.5 | 228.5 | 104.3 | 91.6 | 59.6 | 14.9 | 14.6 | 71.1 | 68.3 | 88.6 | 22.3 | 633.1 | 9.4 | 931.5 | 2,215.4 | 875.0 | 4,664.4 |
| 2002 | 7.7 | 211.0 | 91.8 | 74.8 | 66.5 | 13.0 | 19.6 | 74.7 | 66.3 | 62.3 | 22.2 | 576.4 | 10.3 | 839.0 | 2,333.4 | 854.7 | 4,613.9 |
| 2003 | 4.7 | 241.4 | 111.4 | 100.1 | 65.2 | 12.2 | 13.3 | 70.6 | 76.4 | 75.6 | 24.6 | 646.2 | 10.0 | 871.4 | 2,360.7 | 830.8 | 4,720.1 |
| 2004 | 8.3 | 273.0 | 92.2 | 87.3 | 61.9 | 10.5 | 11.4 | 82.4 | 69.0 | 66.4 | 24.8 | 658.8 | 9.5 | 774.7 | 2,086.8 | 681.6 | 4,211.5 |
| 2005 | 3.7 | 248.3 | 84.3 | 101.3 | 42.5 | 11.9 | 8.3 | 66.6 | 70.9 | 86.3 | 20.9 | 631.5 | 6.9 | 779.9 | 1,928.5 | 796.3 | 4,143.1 |
| 2006 | 6.6 | 258.2 | 76.8 | 85.3 | 48.7 | 9.4 | 5.8 | 80.8 | 59.9 | 84.2 | 20.1 | 633.0 | 9.6 | 722.7 | 1,950.4 | 691.5 | 4,007.1 |
| 2007 | 7.9 | 247.9 | 84.2 | 47.9 | 51.1 | 8.5 | 6.6 | 89.8 | 59.5 | 72.1 | 20.3 | 584.8 | 10.8 | 726.7 | 1,807.7 | 801.6 | 3,931.6 |
| 2008 | 5.8 | 258.8 | 105.5 | 71.3 | 39.6 | 8.9 | 5.6 | 90.5 | 47.5 | 65.9 | 20.3 | 588.2 | 8.9 | 723.3 | 1,733.8 | 797.2 | 3,851.4 |
| 2009 | 7.1 | 251.1 | 84.8 | 77.4 | 48.4 | 12.5 | 4.7 | 66.7 | 53.7 | 81.3 | 17.0 | 598.3 | 8.9 | 604.2 | 1,773.9 | 804.5 | 3,789.8 |
| 2010 | 5.7 | 279.1 | 60.3 | 56.4 | 42.2 | 12.8 | 5.6 | 51.6 | 69.5 | 52.9 | 20.0 | 570.3 | 13.5 | 600.8 | 1,579.9 | 688.9 | 3,453.4 |
| 2011 | 7.8 | 219.1 | 67.8 | 74.0 | 40.2 | 11.4 | 15.1 | 69.4 | 54.4 | 73.3 | 17.9 | 549.5 | 12.1 | 688.0 | 1,667.3 | 657.0 | 3,573.8 |
| 2012 | 3.3 | 263.3 | 84.9 | 85.6 | 70.7 | 12.5 | 13.7 | 53.7 | 66.3 | 61.5 | 19.2 | 616.9 | 12.2 | 612.6 | 1,520.9 | 695.5 | 3,458.0 |
| 2013 | 9.5 | 201.8 | 89.6 | 81.3 | 30.9 | 10.1 | 8.4 | 48.8 | 44.2 | 56.0 | 27.6 | 482.8 | 9.5 | 660.0 | 1,497.5 | 651.7 | 3,301.4 |
| 2014 | 12.0 | 258.7 | 73.9 | 78.8 | 56.0 | 8.0 | 9.5 | 52.2 | 50.2 | 58.0 | 17.4 | 574.0 | 7.6 | 673.7 | 1,419.8 | 611.9 | 3,287.0 |
| 2015 | 4.9 | 182.9 | 58.1 | 52.9 | 61.9 | 6.7 | 4.5 | 48.8 | 44.5 | 66.1 | 15.9 | 468.8 | 4.2 | 551.5 | 1,628.2 | 601.0 | 3,253.7 |
| 2016 | 8.3 | 194.0 | 85.7 | 63.9 | 36.3 | 8.6 | 6.1 | 52.1 | 49.4 | 50.9 | 16.8 | 463.5 | 9.7 | 677.2 | 1,734.7 | 736.2 | 3,621.3 |
| 2017 | 4.4 | 268.2 | 74.6 | 60.8 | 50.3 | 13.0 | 6.2 | 55.9 | 47.9 | 58.3 | 23.2 | 558.8 | 7.6 | 634.2 | 1,590.0 | 595.3 | 3,386.0 |
| 2018 | 3.9 | 245.9 | 70.1 | 53.4 | 40.4 | 2.8 | 9.5 | 74.6 | 37.3 | 108.6 | 14.8 | 566.9 | 8.9 | 607.1 | 1,334.3 | 513.5 | 3,030.8 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 6.9 | 237.8 | 85.3 | 79.5 | 52.7 | 10.7 | 9.6 | 70.6 | 60.0 | 75.0 | 20.4 | 593.0 | 9.8 | 731.8 | 1,832.1 | 696.0 | 3,862.7 |
| 3-yr | 5.5 | 236.0 | 76.8 | 59.4 | 42.4 | 8.1 | 7.3 | 60.9 | 44.9 | 72.6 | 18.3 | 529.8 | 8.7 | 639.5 | 1,553.0 | 615.0 | 3,346.0 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -45.0 | 3.6 | -18.5 | -33.9 | -24.2 | -74.8 | -0.4 | 6.0 | -39.1 | 48.3 | -28.7 | -4.6 | -9.6 | -17.8 | -28.2 | -27.2 | -22.4 |
| 3-yr | -30.1 | 4.2 | -8.7 | -10.0 | -4.6 | -65.7 | 30.9 | 22.5 | -16.9 | 49.6 | -19.1 | 7.0 | 1.8 | -5.1 | -14.1 | -16.5 | -9.4 |
| 2017 | -12.7 | -8.3 | -6.0 | -12.0 | -19.7 | -78.5 | 53.6 | 33.4 | -22.3 | 86.3 | -36.3 | 1.4 | 16.4 | -4.3 | -16.1 | -13.7 | -10.5 |

**Sales of migratory game bird hunting permits[a] in Canada, 1966–present.**

| Year | NFL | PEI | NS | NB | QUE | ONT | MAN | SAS | ALB | BC | NWT | YUK | NU | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | 13,269 | 3,271 | 7,220 | 8,535 | 35,868 | 144,063 | 37,784 | 44,744 | 52,911 | 32,394 | | | | 380,059 |
| 1967 | 14,863 | 3,094 | 7,883 | 7,739 | 32,491 | 146,493 | 35,620 | 44,651 | 55,892 | 33,195 | | | | 381,921 |
| 1968 | 17,645 | 3,649 | 9,022 | 9,558 | 37,110 | 139,182 | 38,712 | 43,596 | 53,623 | 33,301 | | | | 385,398 |
| 1969 | 19,089 | 3,794 | 8,848 | 10,110 | 39,477 | 134,037 | 41,611 | 45,347 | 53,602 | 32,764 | | | | 388,679 |
| 1970 | 21,347 | 3,926 | 9,926 | 10,293 | 46,009 | 135,231 | 39,230 | 47,722 | 59,986 | 31,350 | | | | 405,020 |
| 1971 | 23,460 | 4,513 | 11,381 | 11,146 | 50,276 | 133,563 | 40,960 | 49,448 | 62,902 | 30,225 | | | | 417,874 |
| 1972 | 23,682 | 4,492 | 12,158 | 11,336 | 53,082 | 131,427 | 41,133 | 50,004 | 63,309 | 31,032 | | | | 421,655 |
| 1973 | 27,919 | 4,972 | 15,071 | 12,869 | 57,247 | 141,277 | 41,711 | 51,307 | 67,012 | 33,456 | | | | 452,841 |
| 1974 | 25,127 | 5,038 | 13,791 | 11,916 | 58,345 | 136,469 | 37,167 | 51,504 | 66,127 | 27,764 | 591 | 323 | | 434,162 |
| 1975 | 30,115 | 4,963 | 13,990 | 12,930 | 63,768 | 148,670 | 42,846 | 57,723 | 69,191 | 25,918 | 721 | 485 | | 471,320 |
| 1976 | 29,621 | 5,756 | 13,326 | 13,743 | 66,453 | 143,816 | 46,816 | 61,669 | 75,739 | 26,561 | 893 | 513 | | 484,906 |
| 1977 | 36,188 | 6,158 | 15,744 | 14,209 | 72,828 | 156,895 | 46,438 | 60,029 | 82,175 | 28,357 | 902 | 607 | | 520,530 |
| 1978 | 37,297 | 6,396 | 16,297 | 15,249 | 74,745 | 159,698 | 50,169 | 57,958 | 77,117 | 28,561 | 821 | 638 | | 524,946 |
| 1979 | 35,490 | 5,888 | 14,098 | 13,409 | 73,209 | 150,224 | 49,344 | 56,174 | 77,021 | 28,263 | 755 | 584 | | 504,459 |
| 1980 | 31,362 | 5,802 | 14,257 | 12,471 | 76,133 | 147,952 | 48,340 | 54,081 | 79,318 | 27,943 | 732 | 525 | | 498,916 |
| 1981 | 31,406 | 5,611 | 14,130 | 12,287 | 75,178 | 141,677 | 46,528 | 42,856 | 66,163 | 28,243 | 764 | 514 | | 465,357 |
| 1982 | 31,215 | 5,461 | 13,728 | 12,759 | 72,850 | 144,436 | 45,273 | 47,236 | 64,968 | 26,522 | 800 | 572 | | 465,820 |
| 1983 | 30,977 | 5,898 | 13,468 | 12,758 | 67,700 | 139,569 | 40,443 | 45,383 | 61,742 | 24,170 | 750 | 474 | | 443,332 |
| 1984 | 31,309 | 5,525 | 12,896 | 11,486 | 65,308 | 140,521 | 35,238 | 37,720 | 51,717 | 21,892 | 850 | 496 | | 414,958 |
| 1985 | 25,652 | 5,171 | 10,749 | 10,354 | 60,823 | 130,089 | 31,753 | 36,445 | 44,880 | 18,753 | 713 | 361 | | 375,743 |
| 1986 | 25,498 | 5,300 | 11,047 | 11,083 | 59,685 | 131,930 | 33,570 | 37,692 | 45,042 | 17,924 | 692 | 358 | | 379,821 |
| 1987 | 21,080 | 4,959 | 10,299 | 9,897 | 55,124 | 122,472 | 30,207 | 29,930 | 40,122 | 16,259 | 523 | 391 | | 341,263 |
| 1988 | 23,655 | 4,906 | 10,264 | 10,646 | 57,206 | 117,310 | 25,108 | 23,258 | 34,513 | 15,595 | 496 | 367 | | 323,324 |
| 1989 | 24,707 | 4,838 | 10,092 | 9,971 | 54,605 | 114,292 | 23,898 | 22,916 | 34,559 | 14,694 | 420 | 308 | | 315,300 |
| 1990 | 24,831 | 4,625 | 10,115 | 9,974 | 54,700 | 115,130 | 22,641 | 22,964 | 32,212 | 13,851 | 431 | 240 | | 311,714 |
| 1991 | 20,738 | 4,209 | 10,104 | 9,997 | 53,739 | 108,802 | 22,122 | 22,414 | 29,399 | 13,601 | 352 | 300 | | 295,777 |
| 1992 | 20,310 | 3,753 | 9,192 | 9,337 | 49,262 | 103,395 | 20,048 | 20,620 | 28,056 | 12,429 | 348 | 256 | | 277,006 |
| 1993 | 20,585 | 3,609 | 8,988 | 9,008 | 47,675 | 95,824 | 19,199 | 19,771 | 26,787 | 11,818 | 327 | 287 | | 263,878 |
| 1994 | 20,399 | 3,380 | 9,314 | 9,468 | 46,537 | 92,344 | 18,838 | 20,254 | 26,211 | 11,037 | 320 | 294 | | 258,396 |
| 1995 | 20,231 | 3,479 | 9,176 | 8,674 | 38,955 | 83,720 | 19,630 | 20,554 | 25,747 | 9,855 | 342 | 318 | | 240,681 |
| 1996 | 16,312 | 3,303 | 8,652 | 8,536 | 36,004 | 80,194 | 19,702 | 20,475 | 27,299 | 10,069 | 318 | 306 | | 231,170 |
| 1997 | 14,289 | 3,051 | 7,731 | 7,546 | 31,435 | 72,521 | 18,918 | 20,109 | 26,847 | 10,185 | 278 | 268 | | 213,178 |
| 1998 | 13,101 | 2,946 | 7,681 | 7,095 | 30,113 | 70,407 | 18,445 | 21,822 | 22,238 | 9,816 | 286 | 231 | | 204,181 |
| 1999 | 13,111 | 2,671 | 7,410 | 6,821 | 30,124 | 67,077 | 17,433 | 21,685 | 21,415 | 9,314 | 292 | 231 | | 197,584 |
| 2000 | 12,217 | 2,805 | 7,072 | 6,399 | 30,271 | 63,672 | 15,810 | 21,908 | 21,792 | 9,007 | 267 | 224 | 0 | 191,444 |
| 2001 | 16,988 | 2,416 | 6,645 | 5,975 | 29,138 | 58,458 | 15,038 | 18,387 | 19,527 | 8,185 | 223 | 251 | 20 | 181,251 |
| 2002 | 16,056 | 2,341 | 6,316 | 5,942 | 28,702 | 56,645 | 14,832 | 16,958 | 17,814 | 7,464 | 244 | 217 | 24 | 173,555 |
| 2003 | 15,626 | 2,316 | 5,926 | 6,065 | 29,376 | 56,911 | 15,124 | 18,155 | 18,372 | 6,509 | 243 | 159 | 12 | 174,794 |
| 2004 | 14,810 | 1,724 | 5,727 | 5,705 | 28,872 | 55,523 | 14,244 | 18,273 | 18,768 | 6,402 | 192 | 180 | 19 | 170,439 |
| 2005 | 13,569 | 1,512 | 5,485 | 5,556 | 28,095 | 53,151 | 13,834 | 18,558 | 19,322 | 6,181 | 192 | 204 | 23 | 165,682 |
| 2006 | 14,217 | 1,470 | 5,381 | 5,329 | 27,058 | 54,363 | 14,229 | 18,556 | 19,379 | 5,826 | 202 | 167 | 19 | 166,196 |
| 2007 | 15,662 | 1,563 | 5,461 | 5,399 | 27,871 | 53,594 | 13,805 | 19,275 | 20,395 | 6,112 | 184 | 207 | 19 | 169,547 |
| 2008 | 16,144 | 1,577 | 5,573 | 5,530 | 29,119 | 55,016 | 13,545 | 18,050 | 20,446 | 6,360 | 190 | 183 | 22 | 171,755 |
| 2009 | 15,683 | 1,685 | 5,552 | 5,560 | 28,509 | 55,587 | 12,644 | 17,790 | 19,240 | 6,632 | 217 | 189 | 33 | 169,321 |
| 2010 | 15,737 | 1,754 | 5,696 | 5,536 | 29,290 | 54,857 | 12,635 | 17,830 | 19,775 | 6,387 | 245 | 195 | 47 | 169,984 |
| 2011 | 15,823 | 1,742 | 5,619 | 5,594 | 30,856 | 56,305 | 11,859 | 17,513 | 21,080 | 6,299 | 249 | 234 | 24 | 173,197 |
| 2012 | 17,418 | 1,744 | 5,794 | 5,814 | 31,339 | 57,317 | 12,233 | 20,076 | 20,899 | 6,786 | 261 | 254 | 33 | 179,968 |
| 2013 | 17,548 | 1,742 | 5,825 | 6,182 | 31,943 | 62,009 | 12,765 | 21,376 | 22,736 | 7,108 | 287 | 259 | 44 | 189,824 |
| 2014 | 15,953 | 1,768 | 5,289 | 5,968 | 32,446 | 61,365 | 12,141 | 20,486 | 23,406 | 7,473 | 389 | 281 | 42 | 187,007 |
| 2015 | 15,107 | 1,704 | 5,094 | 5,565 | 31,237 | 59,840 | 12,261 | 21,056 | 24,860 | 7,523 | 337 | 300 | 52 | 184,936 |
| 2016 | 14,695 | 1,681 | 5,109 | 5,686 | 30,902 | 58,105 | 11,721 | 20,756 | 25,394 | 7,076 | 329 | 286 | 69 | 181,809 |
| 2017 | 13,826 | 1,213 | 4,726 | 5,077 | 30,422 | 53,250 | 8,172 | 19,864 | 24,337 | 6,886 | 286 | 297 | 50 | 168,406 |
| 2018 | 12,871 | 1,193 | 4,601 | 5,049 | 29,803 | 51,502 | 8,504 | 19,701 | 24,416 | 7,029 | 266 | 275 | 63 | 165,273 |
| Averages: | | | | | | | | | | | | | | |
| Long term | 20,865 | 3,554 | 9,150 | 8,889 | 45,081 | 99,966 | 26,269 | 31,597 | 39,770 | 16,573 | 434 | 325 | 32 | 302,369 |
| 3-yr | 13,797 | 1,362 | 4,812 | 5,271 | 30,376 | 54,286 | 9,466 | 20,107 | 24,716 | 6,997 | 294 | 286 | 61 | 171,829 |
| % Change From: | | | | | | | | | | | | | | |
| Long term | -38.76 | -66.85 | -50.19 | -43.67 | -34.32 | -48.96 | -68.04 | -38.10 | -39.06 | -58.05 | -39.21 | -15.59 | 105.43 | -45.81 |
| 3-yr | -6.71 | -12.43 | -4.38 | -4.21 | -1.89 | -5.13 | -10.16 | -2.02 | -1.21 | 0.46 | -9.42 | -3.85 | 3.85 | -3.82 |
| 2017 | -6.91 | -1.65 | -2.64 | -0.55 | -2.03 | -3.28 | 4.06 | -0.82 | 0.32 | 2.08 | -6.99 | -7.41 | 26.00 | -1.86 |

[a]Permit Sales include Canada resident and non-resident sales.

**Total duck harvest by State and Flyway* from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 53,102 | 1,214,501 | 20,024 | 251,499 | 78,309 | 88,499 | 2,745 | 427,497 | 252,801 | 641,600 | 19,329 | 3,049,905 | 77,401 | 3,078,492 | 8,111,202 | 1,870,202 | 16,187,202 |
| 2000 | 57,600 | 953,001 | 23,450 | 235,000 | 100,483 | 47,399 | 4,718 | 423,799 | 209,000 | 568,202 | 10,886 | 2,633,533 | 77,799 | 3,317,963 | 8,111,596 | 1,825,305 | 15,966,198 |
| 2001 | 39,399 | 1,067,003 | 16,197 | 141,797 | 85,777 | 36,704 | 6,817 | 313,501 | 170,299 | 430,699 | 6,410 | 2,314,596 | 77,597 | 3,287,605 | 6,726,299 | 1,725,499 | 14,131,603 |
| 2002 | 33,899 | 826,596 | 16,256 | 191,798 | 92,567 | 44,898 | 7,963 | 357,701 | 172,602 | 389,502 | 2,614 | 2,136,400 | 74,100 | 2,614,898 | 5,834,899 | 1,778,903 | 12,439,198 |
| 2003 | 40,699 | 1,013,096 | 17,010 | 262,900 | 87,107 | 50,202 | 5,675 | 276,199 | 325,600 | 350,799 | 3,896 | 2,433,182 | 71,201 | 2,515,212 | 6,522,198 | 1,623,300 | 13,165,095 |
| 2004 | 34,101 | 1,480,700 | 25,028 | 188,500 | 78,076 | 37,101 | 2,100 | 256,802 | 198,700 | 353,298 | 3,144 | 2,657,549 | 63,001 | 2,668,251 | 5,505,502 | 1,417,897 | 12,312,197 |
| 2005 | 51,899 | 1,327,194 | 24,519 | 258,300 | 78,901 | 49,600 | 5,082 | 357,601 | 269,899 | 396,199 | 9,954 | 2,829,154 | 74,501 | 2,726,639 | 5,269,997 | 1,610,497 | 12,510,799 |
| 2006 | 45,701 | 1,480,799 | 17,347 | 278,002 | 83,493 | 55,402 | 2,505 | 630,602 | 310,400 | 496,399 | 14,113 | 3,414,763 | 65,198 | 2,448,439 | 6,257,201 | 1,622,503 | 13,808,103 |
| 2007 | 48,200 | 1,632,974 | 20,009 | 229,023 | 86,056 | 43,800 | 10,253 | 684,200 | 230,602 | 452,598 | 12,947 | 3,450,652 | 67,902 | 2,656,338 | 6,719,699 | 1,684,298 | 14,578,892 |
| 2008 | 28,899 | 1,634,101 | 10,821 | 257,702 | 81,465 | 29,900 | 7,525 | 644,402 | 186,597 | 399,198 | 6,544 | 3,287,154 | 68,298 | 2,100,565 | 6,522,934 | 1,744,244 | 13,723,201 |
| 2009 | 42,399 | 1,591,497 | 58,718 | 286,601 | 81,405 | 48,902 | 8,320 | 422,001 | 207,398 | 462,599 | 15,879 | 3,225,718 | 65,301 | 2,659,328 | 6,121,499 | 1,715,948 | 13,178,844 |
| 2010 | 38,502 | 1,734,102 | 25,725 | 156,571 | 70,720 | 48,229 | 2,297 | 419,133 | 249,090 | 286,221 | 10,829 | 3,042,823 | 91,743 | 2,229,977 | 7,646,985 | 1,857,540 | 14,865,794 |
| 2011 | 38,337 | 1,489,122 | 40,998 | 209,474 | 66,720 | 63,778 | 514 | 480,299 | 312,501 | 522,578 | 4,490 | 3,228,806 | 60,139 | 2,969,206 | 8,000,081 | 1,672,946 | 15,931,178 |
| 2012 | 52,663 | 1,738,441 | 21,446 | 351,587 | 113,511 | 56,666 | 9,610 | 444,312 | 298,011 | 565,474 | 9,179 | 3,660,898 | 75,639 | 3,978,648 | 8,543,434 | 2,637,100 | 18,895,712 |
| 2013 | 68,227 | 1,062,362 | 23,402 | 320,367 | 80,305 | 38,319 | 5,782 | 276,490 | 184,346 | 296,124 | 6,642 | 2,429,089 | 66,720 | 2,780,322 | 6,882,888 | 1,624,129 | 13,716,427 |
| 2014 | 25,283 | 948,858 | 13,375 | 241,828 | 115,853 | 30,051 | 10,111 | 339,163 | 206,717 | 394,470 | 13,086 | 2,338,797 | 50,021 | 2,825,933 | 6,429,892 | 1,610,023 | 13,254,661 |
| 2015 | 21,603 | 1,266,282 | 19,899 | 173,674 | 147,345 | 27,158 | 1,415 | 239,063 | 192,979 | 445,145 | 12,104 | 2,574,318 | 27,638 | 2,258,434 | 4,822,673 | 1,337,434 | 10,992,857 |
| 2016 | 30,267 | 1,299,540 | 15,461 | 339,849 | 139,536 | 36,848 | 1,389 | 372,352 | 203,028 | 494,999 | 8,203 | 2,941,478 | 69,409 | 3,368,720 | 6,140,751 | 2,353,930 | 14,874,287 |
| 2017 | 12,682 | 1,305,572 | 14,614 | 231,637 | 83,286 | 30,443 | 234 | 477,740 | 225,723 | 328,645 | 10,613 | 2,721,189 | 54,234 | 2,418,611 | 5,306,524 | 1,459,589 | 11,960,146 |
| 2018 | 15,246 | 1,083,294 | 14,470 | 260,278 | 112,691 | 46,271 | 2,732 | 492,035 | 179,063 | 677,511 | 9,686 | 2,893,271 | 45,189 | 2,280,554 | 3,948,528 | 1,497,993 | 10,665,528 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 38,935 | 1,307,452 | 21,938 | 243,319 | 93,180 | 45,509 | 4,889 | 416,745 | 229,268 | 447,613 | 9,527 | 2,863,164 | 66,152 | 2,759,207 | 6,471,239 | 1,733,464 | 13,857,896 |
| 3-yr | 19,398 | 1,229,469 | 14,848 | 277,255 | 111,838 | 37,854 | 1,452 | 447,376 | 202,605 | 500,385 | 9,501 | 2,851,979 | 56,277 | 2,689,295 | 5,131,934 | 1,770,504 | 12,499,987 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -62.1 | -17.9 | -35.2 | 7.4 | 22.3 | 1.8 | -45.4 | 19.2 | -22.8 | 55.6 | 1.8 | 1.1 | -32.8 | -18.1 | -40.2 | -14.2 | -24.0 |
| 3-yr | -21.4 | -11.9 | -2.5 | -6.1 | 0.8 | 22.2 | 88.2 | 10.0 | -11.6 | 35.4 | 2.0 | 1.4 | -19.7 | -15.2 | -23.1 | -15.4 | -14.7 |
| 2017 | 20.2 | -17.0 | -1.0 | 12.4 | 35.3 | 52.0 | 1,067.5 | 3.0 | -20.7 | 106.2 | -8.7 | 6.3 | -16.7 | -5.7 | -25.6 | 2.6 | -10.8 |

*Flyway totals for Central, Mississippi, and Atlantic Flyways include Early and Special Teal and Wood Duck harvest totals.

**Mallard harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 14,513 | 328,165 | 15,221 | 187,001 | 59,605 | 29,209 | 1,514 | 203,013 | 71,979 | 371,461 | 13,408 | 1,295,088 | 23,385 | 995,528 | 3,137,726 | 444,068 | 5,895,795 |
| 2000 | 17,224 | 309,475 | 15,400 | 170,973 | 77,952 | 15,254 | 2,727 | 202,972 | 66,000 | 332,374 | 8,043 | 1,218,394 | 19,085 | 1,035,988 | 3,272,671 | 523,046 | 6,069,184 |
| 2001 | 13,811 | 307,911 | 12,801 | 106,695 | 67,677 | 13,126 | 3,581 | 145,060 | 72,777 | 256,081 | 4,338 | 1,003,857 | 27,711 | 1,178,357 | 2,796,047 | 472,682 | 5,478,655 |
| 2002 | 8,732 | 191,277 | 11,510 | 131,631 | 54,865 | 18,693 | 3,982 | 180,239 | 55,830 | 229,310 | 1,176 | 887,246 | 19,541 | 1,013,838 | 2,374,276 | 538,846 | 4,833,747 |
| 2003 | 10,697 | 288,094 | 11,766 | 195,916 | 68,559 | 17,771 | 3,224 | 121,104 | 123,368 | 189,704 | 3,255 | 1,033,457 | 24,824 | 962,154 | 2,483,361 | 427,301 | 4,931,097 |
| 2004 | 11,295 | 359,723 | 17,728 | 122,102 | 55,467 | 12,367 | 1,390 | 89,792 | 67,935 | 178,118 | 2,764 | 918,681 | 21,479 | 969,467 | 2,199,931 | 422,091 | 4,531,649 |
| 2005 | 14,905 | 349,758 | 17,263 | 172,669 | 58,877 | 12,639 | 3,154 | 142,771 | 85,014 | 212,209 | 5,548 | 1,074,807 | 30,288 | 868,144 | 2,049,383 | 444,305 | 4,466,927 |
| 2006 | 6,318 | 349,054 | 10,328 | 167,536 | 58,772 | 22,099 | 1,386 | 261,381 | 96,987 | 269,881 | 5,806 | 1,249,549 | 22,616 | 709,952 | 2,286,643 | 399,651 | 4,668,411 |
| 2007 | 10,260 | 270,300 | 12,627 | 155,506 | 55,273 | 12,936 | 4,982 | 271,041 | 72,160 | 235,351 | 7,050 | 1,107,485 | 20,039 | 806,861 | 2,514,119 | 429,917 | 4,878,421 |
| 2008 | 6,396 | 255,956 | 8,492 | 179,397 | 58,135 | 10,748 | 2,995 | 265,271 | 58,177 | 219,726 | 4,674 | 1,069,968 | 22,126 | 677,267 | 2,282,128 | 503,480 | 4,554,969 |
| 2009 | 9,288 | 262,442 | 29,423 | 146,716 | 42,463 | 14,914 | 1,959 | 147,480 | 69,379 | 166,231 | 6,570 | 896,866 | 21,078 | 821,947 | 2,076,235 | 419,543 | 4,135,196 |
| 2010 | 12,152 | 331,987 | 18,888 | 104,223 | 53,556 | 10,088 | 1,343 | 161,862 | 76,285 | 128,176 | 7,775 | 906,964 | 32,534 | 604,932 | 2,228,649 | 394,671 | 4,165,403 |
| 2011 | 8,006 | 308,051 | 29,440 | 112,066 | 48,499 | 20,760 | 257 | 189,305 | 92,926 | 247,483 | 2,487 | 1,059,280 | 20,338 | 773,332 | 2,240,248 | 315,897 | 4,409,096 |
| 2012 | 11,533 | 243,467 | 7,991 | 182,047 | 51,802 | 11,828 | 1,614 | 132,638 | 74,489 | 226,227 | 3,304 | 946,940 | 17,148 | 763,143 | 1,882,553 | 325,487 | 3,935,272 |
| 2013 | 13,720 | 127,977 | 10,390 | 212,538 | 53,058 | 10,499 | 2,329 | 103,953 | 52,713 | 123,569 | 4,613 | 715,358 | 17,125 | 740,084 | 1,837,000 | 328,029 | 3,637,597 |
| 2014 | 6,672 | 106,370 | 9,203 | 169,105 | 90,878 | 12,841 | 6,792 | 136,459 | 51,366 | 186,951 | 8,580 | 785,215 | 18,232 | 813,668 | 1,992,886 | 294,063 | 3,904,063 |
| 2015 | 3,416 | 119,301 | 11,371 | 116,831 | 116,317 | 9,390 | 607 | 105,464 | 55,488 | 219,729 | 8,251 | 773,155 | 6,990 | 714,448 | 1,695,598 | 250,114 | 3,433,315 |
| 2016 | 6,113 | 143,603 | 2,332 | 187,753 | 92,474 | 13,155 | 668 | 119,827 | 63,221 | 196,142 | 5,068 | 830,356 | 33,144 | 716,017 | 1,826,117 | 313,511 | 3,719,146 |
| 2017 | 2,350 | 209,323 | 5,209 | 137,089 | 58,568 | 9,582 | 234 | 183,971 | 70,062 | 181,372 | 5,822 | 863,583 | 21,152 | 610,977 | 1,643,472 | 286,376 | 3,425,560 |
| 2018 | 4,175 | 144,472 | 7,001 | 172,946 | 75,884 | 19,429 | 1,126 | 164,859 | 60,853 | 367,244 | 5,456 | 1,023,443 | 14,830 | 651,046 | 1,407,353 | 277,119 | 3,373,791 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 9,579 | 250,335 | 13,219 | 156,537 | 64,934 | 14,866 | 2,293 | 166,423 | 71,850 | 226,867 | 5,699 | 982,985 | 21,683 | 821,357 | 2,211,320 | 390,510 | 4,422,365 |
| 3-yr | 4,213 | 165,799 | 4,847 | 165,929 | 75,642 | 14,055 | 676 | 156,219 | 64,712 | 248,253 | 5,449 | 905,794 | 23,042 | 659,347 | 1,625,647 | 292,335 | 3,506,166 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -57.7 | -43.5 | -48.3 | 11.1 | 17.9 | 32.8 | -52.2 | -1.0 | -16.0 | 67.3 | -4.5 | 4.3 | -32.7 | -21.6 | -37.6 | -30.1 | -24.7 |
| 3-yr | -0.9 | -12.9 | 44.4 | 4.2 | 0.3 | 38.2 | 66.6 | 5.5 | -6.0 | 47.9 | 0.1 | 13.0 | -35.6 | -1.3 | -13.4 | -5.2 | -3.8 |
| 2017 | 77.7 | -31.0 | 34.4 | 26.2 | 29.6 | 102.8 | 381.2 | -10.4 | -13.1 | 102.5 | -6.3 | 18.5 | -29.9 | 6.6 | -14.4 | -3.2 | -1.5 |

**Hand-reared Mallard harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 882 | 0 | 376 | 0 | 0 | 0 | 244 | 109 | 147 | 0 | 1,759 | 0 | 193 | 4,553 | 9,121 | 15,626 |
| 2000 | 0 | 1,193 | 0 | 288 | 68 | 0 | 0 | 129 | 183 | 365 | 0 | 2,225 | 0 | 1,312 | 9,473 | 10,123 | 23,133 |
| 2001 | 0 | 1,206 | 71 | 138 | 0 | 0 | 0 | 814 | 86 | 360 | 0 | 2,675 | 0 | 342 | 7,470 | 14,651 | 25,138 |
| 2002 | 103 | 710 | 0 | 226 | 0 | 45 | 0 | 192 | 97 | 69 | 0 | 1,442 | 0 | 578 | 6,999 | 15,870 | 24,889 |
| 2003 | 85 | 477 | 0 | 136 | 50 | 0 | 172 | 213 | 247 | 225 | 0 | 1,606 | 0 | 1,178 | 6,018 | 12,637 | 21,439 |
| 2004 | 54 | 1,394 | 0 | 97 | 94 | 46 | 0 | 129 | 75 | 168 | 0 | 2,057 | 0 | 2,422 | 5,015 | 9,546 | 19,039 |
| 2005 | 0 | 1,062 | 0 | 255 | 0 | 0 | 37 | 96 | 169 | 95 | 0 | 1,715 | 0 | 1,211 | 4,539 | 9,557 | 17,022 |
| 2006 | 0 | 985 | 0 | 315 | 0 | 0 | 0 | 0 | 310 | 98 | 0 | 1,709 | 0 | 1,975 | 8,493 | 7,044 | 19,221 |
| 2007 | 42 | 438 | 0 | 628 | 0 | 0 | 0 | 267 | 0 | 185 | 0 | 1,559 | 0 | 1,168 | 3,828 | 7,585 | 14,139 |
| 2008 | 0 | 803 | 0 | 245 | 196 | 147 | 0 | 499 | 294 | 97 | 0 | 2,281 | 0 | 151 | 3,311 | 5,941 | 11,684 |
| 2009 | 0 | 525 | 0 | 265 | 0 | 0 | 0 | 70 | 106 | 0 | 0 | 966 | 0 | 280 | 1,990 | 9,254 | 12,490 |
| 2010 | 0 | 2,105 | 0 | 0 | 0 | 0 | 0 | 94 | 202 | 0 | 0 | 2,401 | 0 | 1,328 | 1,673 | 8,784 | 14,187 |
| 2011 | 44 | 589 | 0 | 296 | 0 | 0 | 0 | 445 | 250 | 669 | 0 | 2,293 | 0 | 926 | 3,398 | 4,923 | 11,541 |
| 2012 | 0 | 0 | 0 | 153 | 0 | 0 | 0 | 90 | 0 | 0 | 0 | 243 | 0 | 604 | 647 | 5,844 | 7,338 |
| 2013 | 148 | 607 | 0 | 874 | 0 | 0 | 0 | 294 | 402 | 114 | 0 | 2,439 | 69 | 460 | 1,277 | 3,208 | 7,452 |
| 2014 | 0 | 190 | 0 | 399 | 161 | 0 | 0 | 211 | 1,002 | 0 | 0 | 1,963 | 0 | 236 | 680 | 2,958 | 5,837 |
| 2015 | 43 | 1,020 | 0 | 0 | 0 | 48 | 0 | 164 | 336 | 109 | 0 | 1,720 | 0 | 504 | 1,087 | 3,863 | 7,173 |
| 2016 | 41 | 340 | 0 | 715 | 0 | 0 | 0 | 0 | 392 | 0 | 0 | 1,488 | 0 | 0 | 1,185 | 2,531 | 5,205 |
| 2017 | 21 | 851 | 0 | 447 | 0 | 0 | 0 | 134 | 195 | 79 | 0 | 1,728 | 0 | 132 | 1,184 | 2,326 | 5,370 |
| 2018 | 0 | 475 | 0 | 516 | 0 | 0 | 0 | 390 | 163 | 141 | 0 | 1,684 | 0 | 87 | 1,397 | 1,321 | 4,490 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 29 | 793 | 4 | 318 | 28 | 14 | 10 | 224 | 231 | 146 | 0 | 1,798 | 3 | 754 | 3,711 | 7,354 | 13,621 |
| 3-yr | 21 | 555 | 0 | 559 | 0 | 0 | 0 | 175 | 250 | 73 | 0 | 1,633 | 0 | 73 | 1,255 | 2,059 | 5,022 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -100.0 | -41.3 | -100.0 | 67.5 | -100.0 | -100.0 | -100.0 | 81.4 | -30.5 | -3.6 | #DIV/0! | -6.6 | -100.0 | -89.0 | -63.6 | -82.8 | -68.2 |
| 3-yr | -100.0 | -14.5 | #DIV/0! | -7.7 | #DIV/0! | #DIV/0! | #DIV/0! | 123.3 | -34.8 | 92.3 | #DIV/0! | 3.1 | #DIV/0! | 19.2 | 11.3 | -35.9 | -10.6 |
| 2017 | -100.0 | -44.2 | #DIV/0! | 15.4 | #DIV/0! | #DIV/0! | #DIV/0! | 191.0 | -16.4 | 78.5 | #DIV/0! | -2.5 | #DIV/0! | -34.1 | 18.0 | -43.2 | -16.4 |

**Northern Pintail harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 1,800 | 120,509 | 163 | 6,193 | 914 | 6,575 | 0 | 27,085 | 21,112 | 34,705 | 697 | 219,753 | 10,652 | 129,904 | 153,304 | 25,101 | 538,714 |
| 2000 | 2,408 | 82,200 | 210 | 6,019 | 1,285 | 3,318 | 0 | 30,446 | 19,091 | 40,612 | 325 | 185,914 | 17,119 | 135,897 | 153,036 | 20,050 | 512,016 |
| 2001 | 2,355 | 91,201 | 71 | 2,764 | 961 | 2,387 | 347 | 18,496 | 12,888 | 16,455 | 289 | 148,213 | 11,585 | 136,050 | 125,148 | 20,619 | 441,615 |
| 2002 | 565 | 67,885 | 94 | 3,238 | 2,964 | 2,102 | 394 | 18,024 | 10,222 | 13,436 | 44 | 118,968 | 11,215 | 60,703 | 99,759 | 17,220 | 307,865 |
| 2003 | 1,151 | 79,297 | 0 | 5,854 | 1,206 | 1,820 | 43 | 15,716 | 18,789 | 11,009 | 49 | 134,936 | 9,084 | 55,641 | 119,005 | 18,134 | 336,800 |
| 2004 | 535 | 98,771 | 116 | 3,403 | 1,128 | 834 | 32 | 16,643 | 10,209 | 9,313 | 0 | 140,984 | 6,056 | 63,280 | 90,542 | 10,254 | 311,115 |
| 2005 | 2,599 | 115,657 | 229 | 6,509 | 1,483 | 3,370 | 37 | 27,900 | 23,385 | 21,450 | 109 | 202,728 | 5,767 | 78,919 | 107,276 | 17,339 | 412,029 |
| 2006 | 2,337 | 123,246 | 161 | 5,781 | 1,998 | 2,619 | 0 | 47,540 | 26,883 | 21,092 | 135 | 231,793 | 7,630 | 66,350 | 104,286 | 20,282 | 430,342 |
| 2007 | 2,554 | 137,851 | 178 | 4,551 | 2,069 | 2,983 | 344 | 57,433 | 19,010 | 24,939 | 365 | 252,277 | 7,170 | 88,229 | 162,416 | 19,076 | 529,168 |
| 2008 | 1,299 | 169,433 | 0 | 4,656 | 2,157 | 1,319 | 219 | 57,877 | 15,108 | 24,792 | 36 | 276,897 | 7,779 | 72,230 | 158,218 | 21,395 | 536,519 |
| 2009 | 577 | 177,118 | 558 | 5,174 | 1,625 | 2,123 | 94 | 39,653 | 16,893 | 34,835 | 149 | 278,798 | 7,178 | 96,449 | 106,727 | 15,056 | 498,762 |
| 2010 | 1,986 | 242,628 | 0 | 4,828 | 1,373 | 3,515 | 0 | 59,658 | 21,044 | 22,670 | 0 | 357,813 | 10,139 | 116,127 | 196,177 | 23,522 | 704,549 |
| 2011 | 1,218 | 201,637 | 365 | 3,849 | 685 | 4,613 | 0 | 73,995 | 48,711 | 48,526 | 61 | 383,660 | 7,873 | 187,970 | 212,499 | 17,971 | 809,973 |
| 2012 | 1,736 | 201,061 | 100 | 7,948 | 1,540 | 3,256 | 77 | 59,449 | 35,046 | 36,666 | 0 | 346,880 | 10,962 | 156,403 | 156,593 | 12,609 | 683,446 |
| 2013 | 3,041 | 130,558 | 109 | 7,114 | 1,440 | 2,238 | 0 | 37,299 | 15,161 | 24,395 | 92 | 221,448 | 9,727 | 130,820 | 155,104 | 21,367 | 538,467 |
| 2014 | 1,668 | 115,685 | 144 | 3,191 | 2,095 | 927 | 232 | 42,679 | 23,553 | 34,581 | 291 | 225,044 | 5,484 | 107,608 | 115,644 | 17,685 | 471,466 |
| 2015 | 982 | 161,448 | 0 | 3,664 | 2,228 | 385 | 40 | 25,504 | 18,459 | 33,653 | 83 | 249,372 | 2,926 | 84,569 | 95,746 | 17,501 | 447,189 |
| 2016 | 413 | 135,445 | 0 | 5,362 | 1,442 | 1,039 | 27 | 43,127 | 14,891 | 26,652 | 108 | 228,507 | 3,268 | 108,772 | 101,514 | 25,407 | 467,467 |
| 2017 | 296 | 119,467 | 0 | 2,310 | 1,173 | 830 | 0 | 41,286 | 18,761 | 15,843 | 0 | 199,967 | 3,525 | 102,462 | 134,643 | 16,280 | 456,878 |
| 2018 | 309 | 138,774 | 0 | 4,732 | 2,275 | 890 | 0 | 56,642 | 14,644 | 46,837 | 245 | 265,348 | 4,734 | 63,390 | 68,949 | 17,539 | 419,960 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 1,491 | 135,494 | 125 | 4,857 | 1,602 | 2,357 | 94 | 39,823 | 20,193 | 27,123 | 154 | 233,465 | 7,994 | 102,089 | 130,829 | 18,720 | 492,717 |
| 3-yr | 339 | 131,229 | 0 | 4,135 | 1,630 | 920 | 9 | 47,018 | 16,099 | 29,777 | 118 | 231,274 | 3,842 | 91,541 | 101,702 | 19,742 | 448,102 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -80.1 | 2.6 | -100.0 | -2.7 | 45.2 | -63.4 | -100.0 | 45.5 | -28.5 | 79.6 | 64.3 | 14.5 | -42.0 | -39.1 | -48.6 | -6.6 | -15.4 |
| 3-yr | -8.9 | 5.7 | #DIV/0! | 14.4 | 39.6 | -3.2 | -100.0 | 20.5 | -9.0 | 57.3 | 108.2 | 14.7 | 23.2 | -30.8 | -32.2 | -11.2 | -6.3 |
| 2017 | 4.4 | 16.2 | #DIV/0! | 104.8 | 93.9 | 7.2 | #DIV/0! | 37.2 | -21.9 | 195.6 | #DIV/0! | 32.7 | 34.3 | -38.1 | -48.8 | 7.7 | -8.1 |

**American Wigeon harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 4,725 | 167,130 | 1,384 | 17,824 | 4,073 | 2,211 | 528 | 62,832 | 14,768 | 105,291 | 1,306 | 382,072 | 17,539 | 201,752 | 170,804 | 49,857 | 822,024 |
| 2000 | 6,668 | 111,669 | 1,610 | 18,406 | 5,054 | 3,490 | 811 | 49,073 | 17,818 | 69,764 | 1,300 | 285,662 | 15,645 | 217,111 | 217,539 | 38,970 | 774,927 |
| 2001 | 4,925 | 149,078 | 919 | 12,784 | 6,087 | 2,042 | 1,502 | 48,741 | 13,146 | 66,808 | 578 | 306,610 | 16,960 | 204,922 | 172,897 | 37,637 | 739,027 |
| 2002 | 4,674 | 113,548 | 1,644 | 18,299 | 7,720 | 3,891 | 1,419 | 55,606 | 13,775 | 61,916 | 610 | 283,102 | 14,312 | 190,807 | 144,517 | 32,466 | 665,203 |
| 2003 | 6,648 | 112,566 | 1,151 | 20,150 | 4,574 | 3,784 | 903 | 38,614 | 21,097 | 64,408 | 197 | 274,092 | 9,397 | 151,005 | 120,737 | 39,505 | 594,737 |
| 2004 | 3,854 | 196,672 | 1,970 | 18,860 | 5,923 | 2,501 | 129 | 36,639 | 16,740 | 62,673 | 0 | 345,960 | 8,478 | 226,348 | 149,793 | 19,374 | 749,954 |
| 2005 | 2,981 | 176,871 | 1,986 | 29,352 | 2,967 | 2,834 | 779 | 51,086 | 21,443 | 57,771 | 435 | 348,506 | 7,622 | 203,370 | 121,240 | 20,686 | 701,424 |
| 2006 | 5,626 | 165,724 | 888 | 40,465 | 3,580 | 3,093 | 267 | 107,638 | 29,468 | 80,739 | 1,890 | 439,377 | 12,442 | 198,561 | 163,839 | 39,999 | 854,219 |
| 2007 | 3,225 | 218,751 | 800 | 24,715 | 7,157 | 3,278 | 1,031 | 118,863 | 20,096 | 74,817 | 608 | 473,342 | 13,543 | 157,652 | 148,774 | 25,536 | 818,846 |
| 2008 | 3,669 | 271,816 | 411 | 23,773 | 5,490 | 2,931 | 1,169 | 123,405 | 16,678 | 67,960 | 467 | 517,768 | 9,901 | 155,663 | 160,218 | 29,563 | 873,113 |
| 2009 | 3,253 | 195,302 | 2,649 | 21,357 | 5,741 | 4,133 | 614 | 59,479 | 15,618 | 76,931 | 597 | 385,676 | 10,572 | 201,129 | 96,709 | 33,514 | 711,765 |
| 2010 | 2,688 | 225,407 | 450 | 13,821 | 3,335 | 3,384 | 530 | 61,248 | 22,258 | 60,059 | 486 | 393,960 | 17,553 | 132,878 | 129,959 | 39,782 | 713,451 |
| 2011 | 2,524 | 169,831 | 1,460 | 31,088 | 3,014 | 3,979 | 171 | 73,015 | 24,730 | 87,347 | 546 | 397,705 | 10,778 | 165,716 | 136,779 | 44,367 | 755,345 |
| 2012 | 5,953 | 193,750 | 300 | 24,456 | 3,360 | 3,123 | 923 | 58,910 | 30,249 | 76,180 | 874 | 398,078 | 11,396 | 202,934 | 137,133 | 23,837 | 773,378 |
| 2013 | 7,490 | 152,570 | 3,281 | 21,466 | 4,081 | 2,452 | 1,927 | 43,479 | 17,370 | 61,670 | 369 | 316,157 | 11,029 | 178,153 | 95,602 | 34,947 | 635,888 |
| 2014 | 3,108 | 161,503 | 719 | 17,150 | 4,995 | 1,059 | 695 | 51,663 | 23,553 | 75,654 | 679 | 340,778 | 8,973 | 135,894 | 84,575 | 39,094 | 609,315 |
| 2015 | 3,074 | 221,098 | 1,184 | 13,086 | 5,728 | 2,119 | 364 | 36,340 | 20,025 | 88,394 | 912 | 395,943 | 3,617 | 101,509 | 63,988 | 29,869 | 591,309 |
| 2016 | 2,148 | 158,728 | 2,798 | 22,164 | 7,052 | 3,173 | 374 | 49,131 | 31,219 | 60,175 | 719 | 337,682 | 8,403 | 126,242 | 91,897 | 55,342 | 619,567 |
| 2017 | 2,795 | 185,497 | 4,341 | 27,269 | 8,463 | 3,148 | 0 | 95,886 | 26,285 | 42,407 | 1,301 | 397,391 | 6,528 | 152,207 | 108,267 | 26,442 | 690,836 |
| 2018 | 2,659 | 157,411 | 3,734 | 20,908 | 9,368 | 4,004 | 643 | 89,769 | 14,888 | 109,147 | 858 | 413,391 | 9,811 | 114,926 | 65,348 | 51,136 | 654,612 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 4,134 | 175,246 | 1,684 | 21,870 | 5,388 | 3,031 | 739 | 65,571 | 20,561 | 72,506 | 737 | 371,663 | 11,225 | 170,939 | 129,031 | 35,596 | 717,447 |
| 3-yr | 2,534 | 167,212 | 3,624 | 23,447 | 8,294 | 3,442 | 339 | 78,262 | 24,131 | 70,576 | 959 | 382,821 | 8,247 | 131,125 | 88,504 | 44,307 | 655,005 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -36.9 | -10.7 | 136.9 | -4.6 | 80.9 | 34.3 | -13.6 | 39.6 | -28.6 | 54.6 | 17.5 | 11.9 | -13.2 | -33.9 | -50.6 | 47.0 | -9.2 |
| 3-yr | 4.9 | -5.9 | 3.0 | -10.8 | 12.9 | 16.3 | 89.7 | 14.7 | -38.3 | 54.7 | -10.6 | 8.0 | 19.0 | -12.4 | -26.2 | 15.4 | -0.1 |
| 2017 | -4.9 | -15.1 | -14.0 | -23.3 | 10.7 | 27.2 | #DIV/0! | -6.4 | -43.4 | 157.4 | -34.1 | 4.0 | 50.3 | -24.5 | -39.6 | 93.4 | -5.2 |

**American Green-winged Teal harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 11,925 | 285,180 | 1,872 | 18,579 | 2,411 | 27,289 | 458 | 45,751 | 66,181 | 55,293 | 1,393 | 516,331 | 13,375 | 351,531 | 908,239 | 241,552 | 2,031,028 |
| 2000 | 7,779 | 192,079 | 2,240 | 14,393 | 3,255 | 15,556 | 369 | 55,111 | 53,818 | 63,161 | 325 | 408,086 | 10,239 | 350,588 | 691,501 | 190,783 | 1,651,197 |
| 2001 | 9,101 | 203,886 | 566 | 8,292 | 2,563 | 10,395 | 462 | 30,012 | 31,018 | 27,694 | 530 | 324,519 | 10,287 | 329,597 | 588,076 | 149,094 | 1,401,573 |
| 2002 | 5,958 | 203,453 | 1,034 | 11,070 | 5,376 | 5,948 | 1,380 | 41,513 | 32,174 | 31,720 | 348 | 339,974 | 7,500 | 302,838 | 536,469 | 158,560 | 1,345,341 |
| 2003 | 7,884 | 218,097 | 2,558 | 15,248 | 2,362 | 7,425 | 516 | 37,689 | 38,980 | 28,085 | 148 | 358,993 | 9,632 | 285,370 | 698,563 | 137,155 | 1,489,713 |
| 2004 | 4,871 | 348,748 | 1,506 | 14,485 | 4,607 | 5,743 | 97 | 41,155 | 28,825 | 29,113 | 95 | 479,246 | 7,994 | 273,326 | 498,019 | 114,969 | 1,373,555 |
| 2005 | 10,777 | 297,573 | 2,215 | 17,867 | 4,621 | 10,265 | 445 | 61,091 | 51,836 | 40,993 | 653 | 498,336 | 10,631 | 356,990 | 513,850 | 120,672 | 1,500,479 |
| 2006 | 12,637 | 331,324 | 2,824 | 16,712 | 3,746 | 8,778 | 213 | 79,114 | 59,454 | 39,339 | 540 | 554,681 | 7,974 | 281,833 | 659,628 | 154,612 | 1,658,727 |
| 2007 | 10,050 | 402,972 | 2,401 | 13,495 | 4,484 | 8,742 | 1,031 | 96,743 | 39,649 | 41,842 | 1,216 | 622,626 | 8,457 | 370,893 | 792,182 | 157,037 | 1,951,194 |
| 2008 | 4,480 | 468,551 | 548 | 13,112 | 3,333 | 4,104 | 767 | 101,452 | 33,160 | 35,584 | 324 | 665,414 | 9,396 | 320,899 | 852,849 | 148,908 | 1,997,465 |
| 2009 | 5,300 | 387,457 | 976 | 13,266 | 3,900 | 7,988 | 519 | 49,322 | 29,430 | 32,111 | 1,045 | 531,314 | 7,766 | 279,153 | 755,233 | 135,634 | 1,694,073 |
| 2010 | 5,726 | 394,940 | 1,079 | 10,791 | 5,199 | 6,248 | 0 | 56,572 | 28,531 | 30,191 | 833 | 540,259 | 8,928 | 262,721 | 1,052,768 | 148,482 | 2,011,882 |
| 2011 | 6,004 | 311,978 | 1,946 | 11,991 | 3,836 | 6,170 | 0 | 55,207 | 48,961 | 57,395 | 667 | 504,156 | 3,655 | 327,618 | 1,001,902 | 112,102 | 1,949,433 |
| 2012 | 9,053 | 371,171 | 799 | 12,075 | 6,160 | 9,370 | 0 | 48,852 | 38,111 | 55,355 | 1,457 | 552,404 | 7,489 | 412,550 | 932,461 | 124,683 | 2,029,587 |
| 2013 | 15,351 | 258,838 | 2,625 | 16,973 | 4,321 | 7,621 | 80 | 34,651 | 38,958 | 30,208 | 185 | 409,812 | 8,152 | 331,873 | 848,357 | 113,113 | 1,711,307 |
| 2014 | 4,473 | 240,591 | 575 | 10,237 | 7,734 | 4,104 | 386 | 40,713 | 30,193 | 34,817 | 1,212 | 375,036 | 5,840 | 343,931 | 911,663 | 115,303 | 1,751,773 |
| 2015 | 4,611 | 327,484 | 1,184 | 8,270 | 5,569 | 3,467 | 0 | 29,171 | 33,338 | 34,636 | 995 | 452,018 | 3,292 | 220,843 | 529,417 | 89,342 | 1,291,621 |
| 2016 | 5,535 | 381,864 | 311 | 22,021 | 5,609 | 3,635 | 53 | 51,753 | 12,670 | 51,847 | 791 | 536,090 | 3,268 | 296,279 | 627,605 | 115,934 | 1,579,175 |
| 2017 | 2,032 | 356,700 | 1,013 | 13,038 | 3,435 | 4,359 | 0 | 70,334 | 51,594 | 30,583 | 479 | 533,568 | 5,223 | 368,595 | 717,625 | 101,247 | 1,726,257 |
| 2018 | 1,917 | 316,959 | 156 | 17,295 | 6,826 | 6,822 | 241 | 84,703 | 26,278 | 79,188 | 920 | 541,303 | 5,191 | 264,585 | 452,685 | 103,792 | 1,367,555 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 7,273 | 314,992 | 1,421 | 13,961 | 4,467 | 8,201 | 351 | 55,545 | 38,658 | 41,458 | 708 | 487,208 | 7,714 | 316,601 | 728,455 | 136,649 | 1,675,647 |
| 3-yr | 3,161 | 351,841 | 493 | 17,451 | 5,290 | 4,939 | 98 | 68,930 | 30,181 | 53,873 | 730 | 536,987 | 4,561 | 309,820 | 599,305 | 106,991 | 1,557,662 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -74.6 | 0.7 | -89.5 | 25.5 | 57.2 | -17.5 | -32.4 | 56.8 | -33.2 | 100.6 | 32.1 | 11.8 | -33.8 | -17.1 | -39.1 | -25.0 | -19.2 |
| 3-yr | -39.4 | -9.9 | -68.4 | -0.9 | 29.0 | 38.1 | 145.9 | 22.9 | -12.9 | 47.0 | 26.0 | 0.8 | 13.8 | -14.6 | -24.5 | -3.0 | -12.2 |
| 2017 | -5.7 | -11.1 | -84.6 | 32.7 | 98.7 | 56.5 | #DIV/0! | 20.4 | -49.1 | 158.9 | 92.1 | 1.4 | -0.6 | -28.2 | -36.9 | 2.5 | -20.8 |

**Blue-winged and Cinnamon Teal harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 3,150 | 47,156 | 163 | 1,511 | 665 | 1,280 | 0 | 366 | 4,157 | 441 | 0 | 58,888 | 80 | 277,260 | 736,473 | 81,876 | 1,154,577 |
| 2000 | 1,852 | 27,321 | 700 | 1,919 | 771 | 1,637 | 0 | 771 | 2,636 | 747 | 81 | 38,436 | 0 | 375,421 | 710,588 | 78,195 | 1,202,640 |
| 2001 | 964 | 36,721 | 354 | 207 | 881 | 1,008 | 0 | 582 | 1,375 | 270 | 193 | 42,553 | 278 | 375,876 | 628,270 | 72,362 | 1,119,340 |
| 2002 | 1,541 | 30,239 | 423 | 753 | 2,688 | 626 | 0 | 1,055 | 7,204 | 693 | 0 | 45,221 | 482 | 213,269 | 439,758 | 61,335 | 760,064 |
| 2003 | 2,046 | 46,267 | 0 | 817 | 955 | 287 | 0 | 640 | 6,016 | 300 | 99 | 57,426 | 0 | 263,127 | 599,893 | 45,872 | 966,318 |
| 2004 | 2,302 | 57,312 | 116 | 1,555 | 1,410 | 556 | 0 | 645 | 7,582 | 503 | 0 | 71,981 | 0 | 228,435 | 365,488 | 73,044 | 738,948 |
| 2005 | 4,968 | 58,160 | 153 | 255 | 970 | 1,341 | 0 | 385 | 9,793 | 191 | 326 | 76,542 | 50 | 235,715 | 314,079 | 77,147 | 703,534 |
| 2006 | 692 | 56,883 | 0 | 526 | 1,665 | 307 | 0 | 897 | 10,443 | 98 | 608 | 72,118 | 0 | 284,381 | 513,876 | 70,590 | 940,965 |
| 2007 | 2,638 | 43,371 | 0 | 1,491 | 2,587 | 532 | 115 | 1,066 | 5,897 | 92 | 243 | 58,031 | 61 | 346,687 | 626,720 | 89,652 | 1,121,151 |
| 2008 | 1,980 | 39,949 | 137 | 1,716 | 490 | 195 | 365 | 499 | 7,260 | 0 | 72 | 52,664 | 0 | 200,810 | 517,937 | 72,509 | 843,920 |
| 2009 | 1,364 | 35,319 | 558 | 1,725 | 433 | 447 | 24 | 139 | 6,056 | 454 | 50 | 46,568 | 0 | 302,347 | 732,594 | 114,479 | 1,190,638 |
| 2010 | 292 | 48,219 | 180 | 757 | 196 | 1,172 | 0 | 1,029 | 6,880 | 0 | 69 | 58,794 | 0 | 260,442 | 633,411 | 119,348 | 1,072,629 |
| 2011 | 1,740 | 36,911 | 1,095 | 1,036 | 685 | 807 | 0 | 1,158 | 9,243 | 0 | 0 | 52,675 | 0 | 359,391 | 704,647 | 134,436 | 1,251,149 |
| 2012 | 1,798 | 31,926 | 0 | 459 | 980 | 399 | 0 | 359 | 3,465 | 356 | 777 | 40,519 | 109 | 346,157 | 932,096 | 108,568 | 1,427,447 |
| 2013 | 6,304 | 22,013 | 437 | 2,870 | 3,241 | 1,119 | 0 | 294 | 5,824 | 456 | 277 | 42,835 | 343 | 403,569 | 942,908 | 75,663 | 1,465,318 |
| 2014 | 417 | 18,156 | 719 | 133 | 0 | 397 | 1,158 | 491 | 9,772 | 472 | 436 | 32,152 | 214 | 411,700 | 648,805 | 62,618 | 1,155,489 |
| 2015 | 1,195 | 19,204 | 948 | 0 | 636 | 144 | 0 | 328 | 5,817 | 109 | 124 | 28,507 | 0 | 390,079 | 506,316 | 88,984 | 1,013,886 |
| 2016 | 1,611 | 33,649 | 0 | 429 | 1,122 | 808 | 0 | 0 | 6,270 | 0 | 144 | 44,032 | 0 | 378,980 | 255,598 | 63,257 | 741,867 |
| 2017 | 699 | 45,098 | 0 | 745 | 1,424 | 1,142 | 0 | 1,210 | 7,524 | 158 | 753 | 58,753 | 0 | 324,436 | 439,383 | 67,713 | 890,285 |
| 2018 | 1,453 | 30,628 | 467 | 1,635 | 4,417 | 1,186 | 80 | 1,299 | 8,380 | 563 | 368 | 50,475 | 57 | 429,028 | 399,992 | 70,642 | 950,194 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 1,950 | 38,225 | 323 | 1,027 | 1,311 | 769 | 87 | 661 | 6,580 | 295 | 231 | 51,459 | 84 | 320,355 | 582,442 | 81,415 | 1,035,518 |
| 3-yr | 1,254 | 36,458 | 156 | 936 | 2,321 | 1,045 | 27 | 836 | 7,391 | 240 | 422 | 51,087 | 19 | 377,481 | 364,991 | 67,204 | 860,782 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -26.5 | -20.7 | 48.3 | 64.3 | 285.0 | 58.7 | -8.5 | 107.2 | 29.2 | 100.3 | 64.4 | -2.0 | -33.0 | 36.4 | -32.4 | -13.8 | -8.6 |
| 3-yr | 15.8 | -16.0 | 200.0 | 74.6 | 90.3 | 13.5 | 200.0 | 55.3 | 13.4 | 134.3 | -12.7 | -1.2 | 200.0 | 13.7 | 9.6 | 5.1 | 10.4 |
| 2017 | 107.9 | -32.1 | #DIV/0! | 119.5 | 210.2 | 3.9 | #DIV/0! | 7.4 | 11.4 | 256.3 | -51.1 | -14.1 | #DIV/0! | 32.2 | -9.0 | 4.3 | 6.7 |

**Northern Shoveler harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 2,475 | 109,495 | 0 | 2,719 | 1,995 | 5,237 | 35 | 17,568 | 43,209 | 7,206 | 174 | 190,114 | 2,723 | 121,495 | 201,054 | 17,350 | 532,736 |
| 2000 | 3,149 | 83,274 | 0 | 2,617 | 600 | 1,896 | 74 | 14,002 | 11,909 | 10,714 | 0 | 128,234 | 3,522 | 102,188 | 196,306 | 17,950 | 448,200 |
| 2001 | 1,285 | 113,562 | 0 | 1,244 | 481 | 2,758 | 0 | 14,308 | 6,358 | 5,934 | 145 | 146,075 | 2,502 | 133,216 | 236,850 | 21,468 | 540,112 |
| 2002 | 1,900 | 88,180 | 47 | 3,163 | 1,654 | 3,488 | 0 | 10,354 | 18,837 | 8,449 | 87 | 136,161 | 3,991 | 87,628 | 126,468 | 14,688 | 368,935 |
| 2003 | 2,429 | 96,230 | 0 | 2,859 | 804 | 6,946 | 129 | 10,098 | 28,431 | 7,939 | 0 | 155,865 | 1,879 | 88,270 | 207,613 | 12,748 | 466,375 |
| 2004 | 2,248 | 147,722 | 348 | 2,625 | 1,457 | 4,400 | 32 | 14,643 | 19,667 | 10,739 | 95 | 203,977 | 2,180 | 104,482 | 158,905 | 9,865 | 479,409 |
| 2005 | 2,675 | 128,802 | 0 | 4,339 | 1,369 | 4,366 | 37 | 15,874 | 14,943 | 12,679 | 326 | 185,412 | 4,513 | 137,817 | 195,542 | 18,672 | 541,956 |
| 2006 | 4,155 | 224,576 | 0 | 2,733 | 1,415 | 6,577 | 53 | 30,139 | 19,335 | 9,222 | 473 | 298,677 | 2,681 | 104,705 | 225,492 | 12,496 | 644,051 |
| 2007 | 6,910 | 275,265 | 0 | 3,766 | 2,501 | 5,818 | 401 | 32,114 | 24,907 | 15,610 | 608 | 367,899 | 1,532 | 141,238 | 289,071 | 15,045 | 814,786 |
| 2008 | 2,175 | 209,583 | 0 | 1,838 | 588 | 3,127 | 183 | 17,796 | 15,697 | 6,611 | 72 | 257,670 | 1,515 | 65,214 | 252,481 | 11,415 | 588,296 |
| 2009 | 2,624 | 157,710 | 0 | 1,990 | 108 | 3,296 | 94 | 12,104 | 11,050 | 9,758 | 0 | 198,734 | 3,850 | 143,969 | 283,039 | 19,202 | 643,500 |
| 2010 | 3,564 | 220,814 | 180 | 947 | 687 | 10,219 | 0 | 18,515 | 24,889 | 6,661 | 69 | 286,577 | 3,178 | 139,619 | 475,071 | 29,651 | 934,598 |
| 2011 | 9,572 | 253,862 | 608 | 2,665 | 2,055 | 11,764 | 0 | 21,637 | 17,486 | 12,215 | 243 | 332,108 | 2,624 | 174,748 | 375,918 | 32,087 | 917,485 |
| 2012 | 6,139 | 291,478 | 200 | 7,490 | 980 | 11,230 | 0 | 20,026 | 18,656 | 14,951 | 194 | 371,343 | 2,388 | 154,950 | 391,133 | 33,027 | 952,841 |
| 2013 | 7,713 | 197,355 | 437 | 5,366 | 2,041 | 7,035 | 0 | 18,466 | 11,748 | 9,575 | 92 | 259,828 | 5,275 | 173,526 | 355,369 | 27,862 | 821,859 |
| 2014 | 2,502 | 155,134 | 0 | 3,324 | 1,289 | 2,118 | 154 | 17,830 | 28,189 | 15,107 | 145 | 225,792 | 2,778 | 142,535 | 294,147 | 39,505 | 704,756 |
| 2015 | 1,665 | 232,994 | 237 | 1,884 | 1,750 | 3,467 | 0 | 9,523 | 13,201 | 15,843 | 41 | 281,339 | 732 | 84,980 | 155,309 | 22,748 | 544,376 |
| 2016 | 1,652 | 139,354 | 0 | 2,073 | 1,442 | 2,019 | 0 | 11,162 | 5,878 | 9,370 | 36 | 172,988 | 0 | 106,834 | 193,823 | 30,290 | 503,935 |
| 2017 | 635 | 169,330 | 0 | 3,204 | 922 | 2,041 | 0 | 16,272 | 11,726 | 6,385 | 0 | 210,514 | 1,045 | 110,632 | 237,247 | 26,307 | 585,745 |
| 2018 | 1,082 | 141,504 | 156 | 2,495 | 1,071 | 2,150 | 80 | 24,294 | 12,610 | 11,252 | 61 | 196,756 | 1,825 | 87,957 | 127,236 | 20,642 | 434,415 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 3,327 | 171,811 | 111 | 2,967 | 1,260 | 4,998 | 64 | 17,336 | 17,936 | 10,311 | 143 | 230,303 | 2,537 | 120,300 | 248,904 | 21,651 | 623,418 |
| 3-yr | 1,123 | 150,063 | 52 | 2,591 | 1,145 | 2,070 | 27 | 17,243 | 10,071 | 9,002 | 32 | 193,419 | 957 | 101,808 | 186,102 | 25,746 | 508,032 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -68.6 | -18.4 | 44.1 | -16.6 | -15.7 | -58.2 | 27.5 | 43.2 | -30.8 | 9.7 | -58.6 | -15.2 | -29.1 | -27.9 | -50.2 | -4.9 | -31.4 |
| 3-yr | -3.7 | -5.7 | 200.0 | -3.7 | -6.5 | 3.9 | 200.0 | 40.9 | 25.2 | 25.0 | 88.7 | 1.7 | 90.8 | -13.6 | -31.6 | -19.8 | -14.5 |
| 2017 | 70.4 | -16.4 | #DIV/0! | -22.1 | 16.2 | 5.3 | #DIV/0! | 49.3 | 7.5 | 76.2 | #DIV/0! | -6.5 | 74.6 | -20.5 | -46.4 | -21.5 | -25.8 |

**Gadwall harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 4,050 | 69,290 | 326 | 5,438 | 3,658 | 5,528 | 70 | 10,858 | 17,174 | 15,735 | 1,219 | 133,345 | 481 | 556,552 | 1,069,106 | 62,212 | 1,821,696 |
| 2000 | 6,668 | 59,652 | 1,190 | 6,281 | 2,913 | 4,094 | 369 | 14,516 | 16,091 | 19,434 | 731 | 131,937 | 573 | 609,414 | 1,267,317 | 67,496 | 2,076,737 |
| 2001 | 2,141 | 66,537 | 707 | 4,837 | 1,922 | 2,758 | 809 | 9,888 | 16,669 | 13,847 | 337 | 120,452 | 1,946 | 491,783 | 845,701 | 33,785 | 1,493,668 |
| 2002 | 2,722 | 60,579 | 705 | 4,819 | 6,341 | 6,887 | 473 | 9,108 | 14,700 | 11,150 | 305 | 117,790 | 1,170 | 411,642 | 661,701 | 39,803 | 1,232,106 |
| 2003 | 3,196 | 79,774 | 256 | 6,399 | 2,563 | 7,904 | 387 | 9,458 | 30,821 | 12,807 | 99 | 153,664 | 392 | 422,728 | 851,315 | 38,479 | 1,466,578 |
| 2004 | 3,480 | 132,566 | 463 | 6,125 | 2,914 | 7,087 | 32 | 10,450 | 25,898 | 12,081 | 95 | 201,192 | 969 | 483,058 | 654,488 | 24,269 | 1,363,975 |
| 2005 | 2,905 | 105,034 | 1,146 | 10,210 | 2,681 | 9,231 | 74 | 18,376 | 34,782 | 7,436 | 1,305 | 193,179 | 1,153 | 499,963 | 635,321 | 34,337 | 1,363,954 |
| 2006 | 5,366 | 124,231 | 242 | 20,390 | 5,328 | 8,137 | 53 | 25,654 | 38,567 | 14,029 | 1,350 | 243,348 | 1,031 | 463,376 | 803,785 | 33,252 | 1,544,792 |
| 2007 | 2,638 | 122,226 | 1,334 | 8,317 | 5,950 | 5,169 | 573 | 17,456 | 24,907 | 9,514 | 729 | 198,812 | 1,042 | 394,305 | 842,192 | 38,950 | 1,475,301 |
| 2008 | 2,532 | 110,212 | 685 | 8,333 | 6,764 | 4,690 | 913 | 14,802 | 22,761 | 9,236 | 288 | 181,216 | 1,010 | 339,425 | 906,308 | 36,313 | 1,464,272 |
| 2009 | 2,781 | 117,846 | 2,649 | 14,592 | 2,816 | 4,636 | 637 | 13,844 | 21,887 | 10,779 | 647 | 193,115 | 718 | 480,882 | 713,277 | 33,448 | 1,401,774 |
| 2010 | 5,258 | 124,375 | 1,709 | 6,248 | 2,256 | 6,834 | 283 | 13,746 | 43,100 | 8,165 | 1,250 | 213,264 | 2,270 | 369,112 | 1,098,679 | 53,420 | 1,735,229 |
| 2011 | 2,263 | 106,218 | 1,582 | 11,991 | 2,192 | 10,149 | 86 | 15,048 | 46,713 | 15,562 | 425 | 212,227 | 1,406 | 556,105 | 1,474,405 | 68,561 | 2,312,705 |
| 2012 | 3,162 | 95,291 | 300 | 12,534 | 5,320 | 6,512 | 692 | 15,446 | 42,642 | 11,391 | 389 | 193,679 | 543 | 536,958 | 1,240,234 | 49,318 | 2,020,732 |
| 2013 | 5,117 | 60,725 | 1,640 | 13,978 | 6,002 | 4,584 | 1,285 | 8,902 | 19,479 | 7,182 | 277 | 129,169 | 480 | 455,548 | 1,009,467 | 80,107 | 1,674,771 |
| 2014 | 1,554 | 56,464 | 288 | 14,491 | 3,061 | 6,222 | 309 | 10,459 | 21,298 | 7,081 | 921 | 122,149 | 1,211 | 422,036 | 947,364 | 90,036 | 1,582,795 |
| 2015 | 1,067 | 83,443 | 4,264 | 11,306 | 3,501 | 5,152 | 121 | 6,458 | 30,429 | 9,287 | 746 | 155,898 | 122 | 328,964 | 559,674 | 58,906 | 1,103,441 |
| 2016 | 2,148 | 71,207 | 777 | 13,942 | 5,289 | 4,096 | 267 | 9,725 | 30,827 | 10,203 | 467 | 148,948 | 467 | 349,580 | 662,282 | 92,160 | 1,253,437 |
| 2017 | 1,355 | 112,490 | 723 | 18,850 | 3,435 | 6,538 | 0 | 14,928 | 29,901 | 8,671 | 822 | 197,712 | 522 | 333,803 | 623,532 | 64,618 | 1,220,188 |
| 2018 | 1,206 | 61,730 | 1,089 | 12,562 | 2,811 | 5,858 | 0 | 14,940 | 17,329 | 19,691 | 429 | 137,645 | 684 | 325,539 | 421,296 | 62,214 | 947,378 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 3,080 | 90,995 | 1,104 | 10,582 | 3,886 | 6,103 | 372 | 13,203 | 27,299 | 11,664 | 642 | 168,937 | 909 | 441,539 | 864,372 | 53,084 | 1,527,776 |
| 3-yr | 1,570 | 81,809 | 863 | 15,118 | 3,845 | 5,497 | 89 | 13,198 | 26,019 | 12,855 | 573 | 161,435 | 558 | 336,307 | 569,037 | 72,997 | 1,140,334 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -62.1 | -33.3 | -1.4 | 19.9 | -28.7 | -4.2 | -100.0 | 13.9 | -37.7 | 75.2 | -34.3 | -19.3 | -25.8 | -27.3 | -52.5 | 18.3 | -39.2 |
| 3-yr | -23.2 | -24.5 | 26.2 | -16.9 | -26.9 | 6.6 | -100.0 | 13.2 | -33.4 | 53.2 | -25.1 | -14.7 | 22.7 | -3.2 | -26.0 | -14.8 | -16.9 |
| 2017 | -11.0 | -45.1 | 50.6 | -33.4 | -18.2 | -10.4 | #DIV/0! | 0.1 | -42.0 | 127.1 | -47.8 | -30.4 | 31.0 | -2.5 | -32.4 | -3.7 | -22.4 |

**Wood Duck harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 26,839 | 81 | 4,985 | 333 | 1,047 | 35 | 12,200 | 109 | 6,617 | 0 | 52,247 | 0 | 124,655 | 978,683 | 398,765 | 1,554,350 |
| 2000 | 185 | 32,331 | 70 | 4,798 | 86 | 302 | 147 | 10,534 | 364 | 5,731 | 0 | 54,547 | 0 | 118,950 | 808,899 | 382,412 | 1,364,808 |
| 2001 | 107 | 33,104 | 71 | 1,589 | 240 | 133 | 0 | 15,820 | 258 | 2,877 | 0 | 54,200 | 0 | 112,709 | 634,131 | 403,484 | 1,204,524 |
| 2002 | 0 | 21,005 | 0 | 2,184 | 276 | 224 | 0 | 6,999 | 146 | 3,671 | 0 | 34,503 | 0 | 84,721 | 695,915 | 350,818 | 1,165,958 |
| 2003 | 341 | 25,280 | 0 | 2,723 | 302 | 575 | 0 | 9,031 | 165 | 2,546 | 0 | 40,962 | 0 | 76,038 | 736,154 | 338,004 | 1,191,158 |
| 2004 | 0 | 22,472 | 0 | 1,847 | 94 | 139 | 32 | 7,612 | 75 | 3,440 | 0 | 35,711 | 0 | 74,626 | 729,608 | 265,560 | 1,105,505 |
| 2005 | 0 | 39,437 | 0 | 2,680 | 456 | 728 | 37 | 10,871 | 0 | 1,335 | 0 | 55,545 | 0 | 67,386 | 673,507 | 323,482 | 1,119,921 |
| 2006 | 173 | 31,273 | 0 | 5,991 | 666 | 84 | 160 | 13,455 | 207 | 6,769 | 68 | 58,845 | 0 | 49,655 | 635,053 | 332,648 | 1,076,200 |
| 2007 | 293 | 33,733 | 89 | 3,609 | 345 | 236 | 115 | 10,527 | 78 | 4,064 | 0 | 53,088 | 0 | 75,772 | 621,615 | 337,365 | 1,087,841 |
| 2008 | 227 | 36,336 | 137 | 3,921 | 294 | 195 | 37 | 13,139 | 589 | 5,445 | 0 | 60,319 | 0 | 55,317 | 662,706 | 365,477 | 1,143,820 |
| 2009 | 157 | 27,101 | 837 | 4,112 | 758 | 168 | 47 | 7,444 | 106 | 4,879 | 50 | 45,659 | 0 | 51,387 | 647,412 | 357,501 | 1,098,345 |
| 2010 | 526 | 34,060 | 90 | 1,515 | 294 | 456 | 0 | 9,725 | 0 | 3,008 | 0 | 49,688 | 0 | 56,210 | 919,195 | 453,057 | 1,478,830 |
| 2011 | 218 | 21,008 | 122 | 2,961 | 411 | 0 | 0 | 11,308 | 1,249 | 4,351 | 0 | 41,627 | 0 | 46,556 | 928,178 | 417,596 | 1,433,957 |
| 2012 | 186 | 21,934 | 200 | 5,656 | 280 | 598 | 0 | 6,286 | 0 | 2,314 | 194 | 37,648 | 0 | 32,050 | 780,024 | 445,354 | 1,295,075 |
| 2013 | 222 | 5,465 | 0 | 6,115 | 600 | 266 | 0 | 9,196 | 100 | 4,218 | 0 | 26,184 | 0 | 33,296 | 774,961 | 326,423 | 1,160,864 |
| 2014 | 38 | 9,316 | 0 | 4,387 | 0 | 0 | 0 | 11,021 | 376 | 4,131 | 48 | 29,317 | 0 | 43,851 | 602,451 | 403,956 | 1,079,574 |
| 2015 | 43 | 7,987 | 0 | 1,570 | 318 | 241 | 0 | 7,772 | 336 | 7,648 | 41 | 25,957 | 0 | 40,531 | 557,838 | 317,238 | 941,564 |
| 2016 | 124 | 11,896 | 0 | 4,075 | 160 | 0 | 0 | 6,089 | 261 | 1,249 | 0 | 23,855 | 0 | 85,821 | 582,231 | 388,184 | 1,080,090 |
| 2017 | 0 | 23,825 | 0 | 5,886 | 670 | 208 | 0 | 11,565 | 586 | 2,128 | 68 | 44,938 | 0 | 110,647 | 610,542 | 454,253 | 1,220,379 |
| 2018 | 93 | 12,346 | 311 | 6,281 | 402 | 297 | 0 | 9,094 | 325 | 1,969 | 0 | 31,118 | 0 | 70,269 | 407,754 | 372,055 | 881,195 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 147 | 23,837 | 100 | 3,844 | 349 | 295 | 31 | 9,984 | 267 | 3,920 | 23 | 42,798 | 0 | 70,522 | 699,343 | 371,682 | 1,184,198 |
| 3-yr | 72 | 16,022 | 104 | 5,414 | 411 | 168 | 0 | 8,916 | 391 | 1,782 | 23 | 33,304 | 0 | 88,912 | 533,509 | 404,831 | 1,060,555 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -37.8 | -49.5 | 248.2 | 69.0 | 16.0 | 0.8 | -100.0 | -9.3 | 23.4 | -51.0 | -100.0 | -28.3 | #DIV/0! | -0.4 | -42.9 | 0.1 | -26.6 |
| 3-yr | 28.6 | -22.9 | 200.0 | 16.0 | -2.1 | 76.4 | #DIV/0! | 2.0 | -16.8 | 10.5 | -100.0 | -6.6 | #DIV/0! | -21.0 | -23.6 | -8.1 | -16.9 |
| 2017 | #DIV/0! | -48.2 | #DIV/0! | 6.7 | -40.0 | 42.8 | #DIV/0! | -21.4 | -44.5 | -7.5 | -100.0 | -30.8 | #DIV/0! | -36.5 | -33.2 | -18.1 | -27.8 |

**Eurasian Wigeon harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 214 | 0 | 0 | 0 | 0 | 0 | 244 | 0 | 588 | 0 | 1,206 | 160 | 0 | 0 | 72 | 1,278 |
| 2000 | 0 | 239 | 0 | 0 | 0 | 0 | 0 | 257 | 0 | 125 | 0 | 621 | 0 | 109 | 0 | 0 | 730 |
| 2001 | 0 | 329 | 0 | 0 | 0 | 0 | 0 | 233 | 0 | 450 | 0 | 1,012 | 0 | 48 | 0 | 0 | 1,060 |
| 2002 | 0 | 507 | 0 | 75 | 69 | 0 | 0 | 288 | 0 | 554 | 0 | 1,493 | 0 | 120 | 0 | 0 | 1,613 |
| 2003 | 0 | 238 | 0 | 0 | 0 | 0 | 0 | 356 | 82 | 75 | 0 | 908 | 157 | 0 | 0 | 93 | 1,001 |
| 2004 | 0 | 174 | 0 | 0 | 0 | 0 | 0 | 194 | 0 | 168 | 0 | 617 | 81 | 0 | 0 | 0 | 617 |
| 2005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 180 | 276 |
| 2006 | 0 | 492 | 0 | 0 | 0 | 0 | 0 | 718 | 207 | 294 | 0 | 1,711 | 0 | 173 | 0 | 0 | 1,884 |
| 2007 | 0 | 876 | 0 | 78 | 0 | 0 | 0 | 800 | 78 | 277 | 0 | 2,232 | 123 | 0 | 0 | 0 | 2,232 |
| 2008 | 0 | 602 | 0 | 0 | 0 | 0 | 0 | 333 | 0 | 194 | 0 | 1,129 | 0 | 106 | 0 | 0 | 1,235 |
| 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 0 | 454 | 0 | 593 | 0 | 0 | 0 | 0 | 593 |
| 2010 | 0 | 765 | 0 | 0 | 0 | 0 | 0 | 374 | 0 | 756 | 0 | 1,895 | 0 | 0 | 0 | 127 | 2,022 |
| 2011 | 0 | 1,178 | 0 | 0 | 0 | 0 | 0 | 356 | 0 | 837 | 0 | 2,371 | 0 | 533 | 0 | 0 | 2,904 |
| 2012 | 0 | 975 | 0 | 0 | 0 | 0 | 0 | 539 | 0 | 890 | 0 | 2,513 | 109 | 100 | 0 | 0 | 2,613 |
| 2013 | 0 | 455 | 0 | 0 | 250 | 53 | 0 | 662 | 100 | 570 | 0 | 2,159 | 69 | 92 | 0 | 75 | 2,326 |
| 2014 | 0 | 760 | 0 | 0 | 0 | 132 | 0 | 211 | 0 | 354 | 0 | 1,599 | 142 | 0 | 0 | 0 | 1,599 |
| 2015 | 0 | 340 | 0 | 0 | 0 | 0 | 0 | 438 | 0 | 328 | 0 | 1,106 | 0 | 156 | 0 | 151 | 1,413 |
| 2016 | 41 | 850 | 0 | 0 | 0 | 0 | 0 | 254 | 0 | 625 | 0 | 1,769 | 0 | 0 | 0 | 0 | 1,769 |
| 2017 | 0 | 681 | 0 | 0 | 0 | 0 | 0 | 269 | 98 | 236 | 0 | 1,284 | 0 | 84 | 0 | 0 | 1,368 |
| 2018 | 0 | 356 | 0 | 0 | 0 | 0 | 0 | 390 | 0 | 281 | 0 | 1,027 | 0 | 0 | 0 | 445 | 1,472 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 2 | 502 | 0 | 8 | 16 | 9 | 0 | 358 | 28 | 403 | 0 | 1,367 | 42 | 76 | 0 | 57 | 1,500 |
| 3-yr | 14 | 629 | 0 | 0 | 0 | 0 | 0 | 304 | 33 | 381 | 0 | 1,360 | 0 | 28 | 0 | 148 | 1,536 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -100.0 | -30.1 | #DIV/0! | -100.0 | -100.0 | -100.0 | #DIV/0! | 9.6 | -100.0 | -31.3 | #DIV/0! | -25.8 | -100.0 | -100.0 | #DIV/0! | 1,111.3 | -2.0 |
| 3-yr | -100.0 | -43.4 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 28.1 | -100.0 | -26.2 | #DIV/0! | -24.5 | #DIV/0! | -100.0 | #DIV/0! | 200.0 | -4.2 |
| 2017 | #DIV/0! | -47.7 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 45.0 | -100.0 | 19.1 | #DIV/0! | -20.0 | #DIV/0! | -100.0 | #DIV/0! | #DIV/0! | 7.6 |

**Canvasback harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 225 | 12,725 | 0 | 0 | 499 | 989 | 0 | 2,318 | 1,313 | 2,059 | 0 | 20,127 | 0 | 33,639 | 40,510 | 5,566 | 99,841 |
| 2000 | 926 | 10,618 | 0 | 349 | 514 | 215 | 0 | 3,083 | 3,000 | 997 | 81 | 19,783 | 246 | 26,960 | 49,183 | 16,474 | 112,646 |
| 2001 | 214 | 6,687 | 0 | 0 | 80 | 80 | 0 | 582 | 1,031 | 809 | 0 | 9,482 | 0 | 13,993 | 11,578 | 1,578 | 36,631 |
| 2002 | 0 | 609 | 0 | 0 | 69 | 0 | 0 | 96 | 0 | 69 | 0 | 843 | 344 | 1,208 | 574 | 0 | 2,970 |
| 2003 | 256 | 7,035 | 0 | 408 | 302 | 335 | 0 | 498 | 1,566 | 824 | 0 | 11,224 | 157 | 8,005 | 9,821 | 4,738 | 33,945 |
| 2004 | 54 | 11,497 | 0 | 194 | 235 | 324 | 0 | 323 | 976 | 1,342 | 0 | 14,945 | 81 | 8,857 | 10,824 | 9,772 | 44,479 |
| 2005 | 459 | 4,780 | 76 | 255 | 628 | 460 | 0 | 289 | 1,520 | 858 | 54 | 9,378 | 351 | 17,470 | 32,786 | 4,433 | 64,420 |
| 2006 | 346 | 17,483 | 161 | 631 | 749 | 307 | 0 | 1,794 | 3,516 | 1,864 | 68 | 26,918 | 69 | 18,031 | 45,640 | 1,228 | 91,885 |
| 2007 | 1,256 | 32,564 | 0 | 157 | 517 | 1,447 | 344 | 2,932 | 4,733 | 2,032 | 122 | 46,104 | 429 | 15,254 | 56,432 | 6,988 | 125,207 |
| 2008 | 0 | 602 | 0 | 0 | 0 | 0 | 0 | 166 | 0 | 0 | 36 | 805 | 202 | 15,864 | 1,234 | 68 | 18,172 |
| 2009 | 315 | 9,791 | 0 | 0 | 0 | 279 | 0 | 835 | 1,806 | 4,766 | 0 | 17,792 | 131 | 18,165 | 27,831 | 7,389 | 70,392 |
| 2010 | 175 | 17,604 | 0 | 95 | 98 | 1,497 | 0 | 748 | 3,440 | 1,504 | 0 | 25,168 | 0 | 24,237 | 72,701 | 22,989 | 145,677 |
| 2011 | 392 | 15,903 | 0 | 1,184 | 274 | 980 | 0 | 1,692 | 3,497 | 1,004 | 0 | 24,926 | 187 | 42,041 | 68,358 | 5,349 | 140,862 |
| 2012 | 1,798 | 23,396 | 0 | 611 | 280 | 665 | 0 | 1,796 | 3,331 | 2,492 | 0 | 34,370 | 109 | 26,786 | 52,081 | 3,903 | 117,249 |
| 2013 | 222 | 30,059 | 0 | 749 | 240 | 320 | 0 | 2,060 | 1,908 | 2,622 | 0 | 38,179 | 274 | 32,045 | 76,103 | 13,111 | 159,712 |
| 2014 | 303 | 15,589 | 0 | 133 | 645 | 132 | 0 | 1,474 | 4,260 | 1,534 | 0 | 24,071 | 0 | 35,004 | 43,558 | 5,630 | 108,263 |
| 2015 | 470 | 25,322 | 0 | 523 | 318 | 193 | 0 | 1,423 | 2,461 | 1,202 | 0 | 31,912 | 0 | 21,699 | 30,696 | 1,909 | 86,215 |
| 2016 | 83 | 17,674 | 155 | 143 | 160 | 519 | 0 | 1,353 | 2,874 | 3,540 | 0 | 26,501 | 0 | 24,679 | 45,348 | 4,507 | 101,035 |
| 2017 | 85 | 15,657 | 0 | 149 | 168 | 761 | 0 | 1,479 | 2,150 | 394 | 68 | 20,911 | 0 | 28,328 | 40,087 | 10,693 | 100,019 |
| 2018 | 93 | 14,958 | 0 | 344 | 134 | 1,112 | 80 | 2,209 | 2,603 | 2,110 | 0 | 23,643 | 0 | 16,439 | 30,592 | 20,733 | 91,407 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 384 | 14,528 | 20 | 296 | 296 | 531 | 21 | 1,358 | 2,299 | 1,601 | 21 | 21,354 | 129 | 21,435 | 37,297 | 7,353 | 87,551 |
| 3-yr | 87 | 16,096 | 52 | 212 | 154 | 797 | 27 | 1,680 | 2,542 | 2,015 | 23 | 23,685 | 0 | 23,149 | 38,676 | 11,978 | 97,487 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -76.7 | 3.1 | -100.0 | 17.1 | -55.9 | 122.3 | 341.9 | 68.3 | 14.0 | 34.0 | -100.0 | 11.3 | -100.0 | -24.2 | -18.7 | 211.8 | 4.6 |
| 3-yr | 6.9 | -7.1 | -100.0 | 62.3 | -13.0 | 39.5 | 200.0 | 31.5 | 2.4 | 4.7 | -100.0 | -0.2 | #DIV/0! | -29.0 | -20.9 | 73.1 | -6.2 |
| 2017 | 9.4 | -4.5 | #DIV/0! | 130.9 | -20.2 | 46.1 | #DIV/0! | 49.4 | 21.1 | 435.5 | -100.0 | 13.1 | #DIV/0! | -42.0 | -23.7 | 93.9 | -8.6 |

**Redhead harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 1,800 | 4,919 | 0 | 453 | 582 | 1,338 | 0 | 2,074 | 4,047 | 1,618 | 0 | 16,831 | 0 | 99,938 | 61,723 | 3,814 | 182,306 |
| 2000 | 1,482 | 4,056 | 70 | 1,134 | 514 | 431 | 0 | 2,569 | 2,818 | 1,744 | 0 | 14,818 | 164 | 86,745 | 48,608 | 7,457 | 157,792 |
| 2001 | 0 | 4,385 | 0 | 138 | 400 | 106 | 0 | 116 | 2,062 | 4,496 | 0 | 11,704 | 0 | 93,211 | 52,722 | 7,308 | 164,945 |
| 2002 | 514 | 4,160 | 0 | 678 | 1,241 | 402 | 0 | 383 | 1,947 | 1,385 | 0 | 10,711 | 206 | 29,557 | 27,564 | 2,324 | 70,363 |
| 2003 | 341 | 8,228 | 0 | 2,451 | 1,056 | 719 | 0 | 213 | 7,911 | 1,797 | 49 | 22,765 | 157 | 34,400 | 34,542 | 5,570 | 97,433 |
| 2004 | 910 | 9,581 | 116 | 2,042 | 376 | 1,204 | 0 | 0 | 4,804 | 3,104 | 0 | 22,137 | 81 | 35,093 | 35,334 | 5,196 | 97,842 |
| 2005 | 382 | 7,834 | 153 | 1,021 | 856 | 1,800 | 0 | 577 | 5,910 | 2,097 | 0 | 20,630 | 251 | 76,684 | 62,051 | 9,291 | 168,908 |
| 2006 | 1,645 | 9,111 | 161 | 1,261 | 749 | 1,338 | 53 | 1,615 | 7,755 | 2,256 | 405 | 26,349 | 0 | 79,324 | 69,500 | 1,984 | 177,157 |
| 2007 | 838 | 9,492 | 178 | 863 | 517 | 354 | 344 | 400 | 4,190 | 1,478 | 304 | 18,957 | 0 | 84,811 | 63,027 | 7,235 | 174,031 |
| 2008 | 877 | 7,026 | 0 | 2,451 | 490 | 440 | 292 | 333 | 3,434 | 2,333 | 0 | 17,675 | 101 | 51,439 | 43,108 | 7,359 | 119,683 |
| 2009 | 525 | 6,644 | 279 | 929 | 325 | 559 | 260 | 209 | 4,781 | 3,291 | 50 | 17,850 | 0 | 82,722 | 59,860 | 12,129 | 169,814 |
| 2010 | 1,110 | 7,654 | 90 | 1,799 | 392 | 2,473 | 35 | 281 | 5,261 | 2,041 | 0 | 21,146 | 0 | 88,548 | 109,001 | 24,127 | 244,060 |
| 2011 | 827 | 14,333 | 0 | 4,441 | 959 | 2,768 | 0 | 890 | 7,244 | 1,673 | 0 | 33,135 | 187 | 122,976 | 155,227 | 9,893 | 321,419 |
| 2012 | 806 | 14,623 | 0 | 3,210 | 980 | 1,130 | 231 | 629 | 5,863 | 1,780 | 583 | 29,834 | 0 | 137,357 | 99,179 | 19,394 | 285,764 |
| 2013 | 964 | 7,742 | 219 | 2,496 | 360 | 640 | 0 | 0 | 2,510 | 2,850 | 461 | 18,242 | 0 | 134,459 | 121,598 | 35,902 | 310,201 |
| 2014 | 682 | 3,897 | 1,007 | 3,589 | 967 | 265 | 154 | 491 | 3,508 | 2,124 | 194 | 16,879 | 0 | 164,665 | 122,872 | 27,319 | 331,736 |
| 2015 | 299 | 4,419 | 474 | 2,198 | 796 | 193 | 0 | 55 | 2,461 | 546 | 41 | 11,482 | 0 | 110,780 | 86,213 | 26,169 | 234,643 |
| 2016 | 702 | 4,079 | 155 | 643 | 801 | 519 | 0 | 254 | 3,396 | 2,707 | 0 | 13,257 | 0 | 87,459 | 60,324 | 19,741 | 180,781 |
| 2017 | 466 | 8,339 | 434 | 1,341 | 251 | 865 | 0 | 807 | 1,173 | 1,182 | 137 | 14,995 | 0 | 84,744 | 57,348 | 23,809 | 180,895 |
| 2018 | 216 | 7,241 | 311 | 688 | 535 | 2,002 | 0 | 260 | 2,115 | 3,376 | 0 | 16,746 | 0 | 66,056 | 60,193 | 25,917 | 168,912 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 769 | 7,388 | 182 | 1,691 | 657 | 977 | 68 | 608 | 4,160 | 2,194 | 111 | 18,807 | 57 | 87,548 | 71,500 | 14,097 | 191,934 |
| 3-yr | 461 | 6,553 | 300 | 891 | 529 | 1,129 | 0 | 440 | 2,228 | 2,422 | 46 | 14,999 | 0 | 79,420 | 59,288 | 23,156 | 176,863 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -72.9 | -2.1 | 77.1 | -60.6 | -19.4 | 116.8 | -100.0 | -58.5 | -50.4 | 58.4 | -100.0 | -11.5 | -100.0 | -25.5 | -16.5 | 92.3 | -12.5 |
| 3-yr | -53.2 | 10.5 | 3.7 | -22.8 | 1.1 | 77.4 | #DIV/0! | -41.0 | -5.1 | 39.4 | -100.0 | 11.6 | #DIV/0! | -16.8 | 1.5 | 11.9 | -4.5 |
| 2017 | -53.6 | -13.2 | -28.3 | -48.7 | 113.1 | 131.4 | #DIV/0! | -67.8 | 80.3 | 185.6 | -100.0 | 11.7 | #DIV/0! | -22.1 | 5.0 | 8.9 | -6.6 |

**Ring-necked Duck harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 5,625 | 17,750 | 163 | 1,057 | 166 | 873 | 35 | 8,784 | 985 | 10,147 | 174 | 45,759 | 1,281 | 94,044 | 264,504 | 147,511 | 553,100 |
| 2000 | 4,445 | 11,334 | 1,120 | 1,221 | 343 | 431 | 0 | 7,322 | 1,000 | 6,478 | 0 | 33,694 | 573 | 108,912 | 257,504 | 95,470 | 496,154 |
| 2001 | 2,570 | 17,867 | 354 | 1,175 | 481 | 345 | 116 | 4,886 | 1,890 | 8,362 | 0 | 38,044 | 463 | 79,473 | 230,667 | 89,887 | 438,534 |
| 2002 | 3,133 | 16,134 | 376 | 1,054 | 689 | 626 | 237 | 4,794 | 1,168 | 6,510 | 0 | 34,721 | 1,239 | 73,501 | 239,065 | 96,626 | 445,152 |
| 2003 | 2,983 | 15,502 | 256 | 545 | 352 | 671 | 129 | 5,973 | 2,307 | 6,591 | 0 | 35,308 | 1,018 | 62,466 | 230,202 | 112,806 | 441,800 |
| 2004 | 2,891 | 31,356 | 695 | 3,305 | 470 | 695 | 97 | 6,580 | 2,252 | 8,138 | 95 | 56,574 | 1,776 | 67,115 | 233,979 | 74,349 | 433,794 |
| 2005 | 6,191 | 16,731 | 840 | 2,425 | 970 | 1,111 | 37 | 6,446 | 3,039 | 10,677 | 109 | 48,576 | 1,153 | 76,343 | 240,090 | 109,021 | 475,184 |
| 2006 | 4,760 | 24,501 | 1,694 | 1,787 | 499 | 1,338 | 0 | 21,169 | 1,551 | 12,459 | 405 | 70,164 | 1,100 | 87,114 | 353,705 | 144,491 | 656,574 |
| 2007 | 2,931 | 35,923 | 534 | 1,334 | 604 | 768 | 573 | 10,127 | 1,862 | 10,068 | 61 | 64,784 | 858 | 76,196 | 241,239 | 120,756 | 503,833 |
| 2008 | 1,597 | 25,295 | 0 | 1,593 | 784 | 831 | 365 | 12,640 | 1,373 | 5,445 | 0 | 49,922 | 505 | 67,091 | 251,356 | 131,811 | 500,686 |
| 2009 | 2,676 | 17,659 | 1,255 | 1,725 | 650 | 503 | 212 | 4,522 | 2,019 | 5,560 | 199 | 36,980 | 1,044 | 71,245 | 186,243 | 116,445 | 409,651 |
| 2010 | 2,103 | 36,930 | 720 | 1,420 | 392 | 716 | 71 | 10,847 | 3,845 | 3,331 | 0 | 60,390 | 757 | 67,869 | 268,407 | 94,349 | 491,063 |
| 2011 | 1,958 | 17,867 | 1,582 | 3,849 | 411 | 519 | 0 | 8,637 | 3,997 | 6,861 | 0 | 45,680 | 562 | 86,517 | 260,061 | 152,132 | 544,952 |
| 2012 | 3,844 | 26,077 | 400 | 4,891 | 1,120 | 1,395 | 0 | 8,172 | 11,593 | 9,256 | 583 | 67,331 | 543 | 79,329 | 3,246,588 | 179,582 | 651,443 |
| 2013 | 2,521 | 20,343 | 1,640 | 3,494 | 600 | 693 | 0 | 6,033 | 3,113 | 7,638 | 92 | 46,167 | 480 | 66,950 | 240,898 | 143,503 | 497,997 |
| 2014 | 1,289 | 17,110 | 288 | 5,717 | 967 | 530 | 154 | 8,985 | 3,508 | 7,200 | 145 | 45,892 | 214 | 83,392 | 250,727 | 117,832 | 498,057 |
| 2015 | 2,049 | 21,413 | 237 | 3,141 | 159 | 722 | 0 | 4,871 | 2,349 | 8,850 | 373 | 44,287 | 122 | 55,709 | 183,485 | 130,249 | 413,730 |
| 2016 | 2,933 | 14,275 | 2,021 | 2,288 | 962 | 808 | 0 | 6,089 | 2,743 | 18,531 | 72 | 50,721 | 0 | 66,378 | 188,185 | 136,499 | 441,783 |
| 2017 | 1,228 | 23,315 | 1,736 | 3,278 | 587 | 208 | 0 | 11,431 | 1,270 | 10,405 | 0 | 53,457 | 0 | 73,595 | 267,900 | 104,941 | 499,893 |
| 2018 | 928 | 30,865 | 467 | 4,216 | 268 | 74 | 402 | 8,444 | 2,522 | 12,940 | 123 | 61,248 | 0 | 88,344 | 182,667 | 123,096 | 455,355 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 2,933 | 21,912 | 819 | 2,476 | 574 | 693 | 121 | 8,338 | 2,719 | 8,772 | 122 | 49,485 | 684 | 76,579 | 390,874 | 121,068 | 492,437 |
| 3-yr | 1,696 | 22,818 | 1,408 | 3,261 | 606 | 363 | 134 | 8,655 | 2,178 | 13,959 | 65 | 55,142 | 0 | 76,106 | 212,917 | 121,512 | 465,677 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -69.5 | 44.0 | -44.2 | 76.8 | -54.6 | -89.8 | 277.0 | 1.3 | -7.6 | 51.3 | 1.3 | 25.3 | -100.0 | 16.3 | -54.5 | 1.8 | -7.9 |
| 3-yr | -45.3 | 35.3 | -66.8 | 29.3 | -55.8 | -79.6 | 200.0 | -2.4 | 15.8 | -7.3 | 89.2 | 11.1 | #DIV/0! | 16.1 | -14.2 | 1.3 | -2.2 |
| 2017 | -24.4 | 32.4 | -73.1 | 28.6 | -54.3 | -64.4 | #DIV/0! | -26.1 | 98.6 | 24.4 | #DIV/0! | 14.6 | #DIV/0! | 20.0 | -31.8 | 17.3 | -8.9 |

**Lesser Scaup harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 113 | 9,624 | 0 | 453 | 748 | 0 | 0 | 7,930 | 3,282 | 6,470 | 0 | 28,620 | 641 | 37,744 | 80,808 | 64,263 | 212,075 |
| 2000 | 185 | 12,646 | 210 | 872 | 2,399 | 129 | 0 | 8,222 | 2,091 | 3,862 | 0 | 30,616 | 737 | 83,331 | 184,008 | 32,331 | 331,022 |
| 2001 | 214 | 13,921 | 0 | 276 | 2,323 | 80 | 0 | 5,467 | 1,633 | 5,845 | 0 | 29,758 | 463 | 71,917 | 170,824 | 111,237 | 384,200 |
| 2002 | 514 | 11,872 | 94 | 828 | 2,343 | 268 | 0 | 8,533 | 3,505 | 3,601 | 0 | 31,559 | 1,307 | 87,438 | 182,132 | 85,457 | 387,893 |
| 2003 | 213 | 12,998 | 0 | 1,634 | 704 | 240 | 43 | 6,969 | 10,054 | 5,317 | 0 | 38,171 | 861 | 45,008 | 145,607 | 60,939 | 290,587 |
| 2004 | 268 | 25,956 | 116 | 2,430 | 1,316 | 232 | 0 | 7,934 | 2,552 | 10,655 | 0 | 51,459 | 888 | 66,799 | 108,534 | 54,891 | 282,571 |
| 2005 | 688 | 8,366 | 76 | 3,190 | 970 | 153 | 0 | 5,772 | 3,799 | 5,053 | 0 | 28,067 | 1,404 | 54,442 | 111,357 | 63,698 | 258,968 |
| 2006 | 87 | 4,679 | 81 | 1,787 | 499 | 84 | 0 | 10,764 | 3,826 | 12,165 | 203 | 34,173 | 550 | 50,948 | 101,219 | 46,619 | 233,508 |
| 2007 | 419 | 18,400 | 178 | 706 | 690 | 236 | 286 | 15,724 | 4,966 | 9,606 | 182 | 51,393 | 613 | 40,662 | 84,791 | 46,594 | 224,053 |
| 2008 | 227 | 14,454 | 0 | 858 | 392 | 195 | 0 | 5,322 | 2,649 | 3,014 | 0 | 27,111 | 303 | 29,015 | 97,340 | 25,791 | 179,561 |
| 2009 | 1,732 | 13,113 | 0 | 265 | 433 | 168 | 330 | 5,078 | 2,125 | 6,922 | 50 | 30,216 | 392 | 44,953 | 111,522 | 35,908 | 222,066 |
| 2010 | 234 | 9,376 | 0 | 757 | 196 | 260 | 0 | 5,236 | 3,440 | 3,653 | 0 | 23,171 | 605 | 39,557 | 157,274 | 67,005 | 287,888 |
| 2011 | 566 | 7,657 | 365 | 1,332 | 411 | 115 | 0 | 3,740 | 1,998 | 5,857 | 0 | 22,041 | 750 | 43,537 | 114,903 | 46,195 | 227,427 |
| 2012 | 1,488 | 32,901 | 0 | 2,446 | 1,820 | 465 | 77 | 8,262 | 4,264 | 10,857 | 0 | 62,580 | 217 | 110,847 | 307,579 | 153,057 | 634,281 |
| 2013 | 1,335 | 18,217 | 984 | 3,744 | 240 | 107 | 0 | 3,973 | 4,418 | 7,524 | 0 | 40,541 | 822 | 46,632 | 97,873 | 60,416 | 246,285 |
| 2014 | 417 | 16,635 | 144 | 3,457 | 483 | 132 | 0 | 5,756 | 1,754 | 8,734 | 97 | 37,609 | 427 | 72,730 | 156,083 | 55,076 | 321,925 |
| 2015 | 213 | 15,635 | 0 | 105 | 159 | 337 | 0 | 4,214 | 2,685 | 4,917 | 124 | 28,553 | 163 | 41,686 | 118,419 | 37,647 | 226,304 |
| 2016 | 289 | 13,426 | 0 | 286 | 962 | 0 | 0 | 2,537 | 784 | 14,575 | 0 | 32,858 | 0 | 39,731 | 67,223 | 23,932 | 163,745 |
| 2017 | 106 | 5,956 | 0 | 1,192 | 503 | 138 | 0 | 7,262 | 977 | 5,439 | 0 | 21,573 | 653 | 72,708 | 185,503 | 50,424 | 330,861 |
| 2018 | 186 | 4,274 | 0 | 1,463 | 1,071 | 297 | 0 | 10,393 | 4,800 | 4,923 | 0 | 27,405 | 171 | 44,579 | 86,568 | 45,084 | 203,807 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 475 | 13,505 | 112 | 1,404 | 933 | 182 | 37 | 6,954 | 3,280 | 6,949 | 33 | 33,874 | 598 | 56,213 | 133,478 | 58,328 | 282,451 |
| 3-yr | 194 | 7,885 | 0 | 980 | 845 | 145 | 0 | 6,731 | 2,187 | 8,312 | 0 | 27,279 | 275 | 52,339 | 113,098 | 39,813 | 232,804 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -62.0 | -69.5 | -100.0 | 4.4 | 15.7 | 69.0 | -100.0 | 53.4 | 50.0 | -30.2 | -100.0 | -19.9 | -72.5 | -21.6 | -36.3 | -23.6 | -28.9 |
| 3-yr | -4.0 | -45.8 | #DIV/0! | 49.2 | 26.7 | 104.8 | #DIV/0! | 54.4 | 119.5 | -40.8 | #DIV/0! | 0.5 | -37.7 | -14.8 | -23.5 | 13.2 | -12.5 |
| 2017 | 75.5 | -28.2 | #DIV/0! | 22.7 | 112.9 | 115.2 | #DIV/0! | 43.1 | 391.3 | -9.5 | #DIV/0! | 27.0 | -73.8 | -38.7 | -53.3 | -10.6 | -38.4 |

**Greater Scaup harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 2,780 | 0 | 302 | 0 | 0 | 0 | 14,518 | 328 | 1,029 | 0 | 18,958 | 400 | 2,803 | 9,272 | 8,305 | 39,739 |
| 2000 | 0 | 2,983 | 70 | 87 | 171 | 0 | 0 | 12,204 | 182 | 3,114 | 0 | 18,811 | 573 | 2,446 | 19,085 | 12,850 | 53,766 |
| 2001 | 0 | 6,248 | 0 | 0 | 0 | 0 | 0 | 4,188 | 344 | 4,586 | 0 | 15,365 | 371 | 1,802 | 8,603 | 8,505 | 34,646 |
| 2002 | 0 | 4,262 | 0 | 452 | 69 | 89 | 0 | 8,533 | 243 | 5,541 | 44 | 19,232 | 757 | 3,740 | 29,228 | 17,639 | 70,596 |
| 2003 | 85 | 4,412 | 0 | 136 | 0 | 96 | 0 | 6,187 | 82 | 4,419 | 0 | 15,417 | 705 | 1,257 | 13,032 | 17,344 | 47,754 |
| 2004 | 161 | 10,278 | 116 | 389 | 47 | 0 | 0 | 5,677 | 450 | 5,034 | 0 | 22,151 | 807 | 3,667 | 28,056 | 16,837 | 71,518 |
| 2005 | 76 | 2,789 | 0 | 255 | 57 | 0 | 0 | 4,137 | 422 | 3,909 | 0 | 11,645 | 802 | 2,518 | 24,812 | 18,237 | 58,014 |
| 2006 | 0 | 862 | 0 | 105 | 166 | 0 | 0 | 6,458 | 207 | 4,709 | 68 | 12,575 | 550 | 2,678 | 21,454 | 10,523 | 47,780 |
| 2007 | 42 | 4,819 | 0 | 549 | 0 | 0 | 0 | 22,787 | 310 | 3,510 | 122 | 32,139 | 613 | 2,963 | 21,964 | 13,154 | 70,833 |
| 2008 | 97 | 1,606 | 0 | 368 | 98 | 0 | 0 | 6,320 | 0 | 2,722 | 0 | 11,211 | 303 | 2,656 | 24,649 | 10,646 | 49,465 |
| 2009 | 157 | 4,196 | 139 | 1,061 | 0 | 0 | 24 | 5,009 | 106 | 4,993 | 0 | 15,686 | 587 | 1,505 | 24,567 | 12,794 | 55,139 |
| 2010 | 0 | 4,592 | 0 | 663 | 0 | 0 | 0 | 6,452 | 202 | 6,554 | 0 | 18,495 | 2,421 | 1,573 | 23,691 | 23,535 | 69,782 |
| 2011 | 44 | 393 | 0 | 1,628 | 0 | 0 | 0 | 6,589 | 0 | 6,526 | 0 | 15,180 | 844 | 3,455 | 33,680 | 6,265 | 59,423 |
| 2012 | 124 | 12,673 | 100 | 917 | 0 | 66 | 0 | 11,854 | 400 | 9,434 | 0 | 35,568 | 326 | 1,807 | 40,968 | 19,231 | 97,900 |
| 2013 | 74 | 1,974 | 109 | 624 | 0 | 53 | 0 | 1,545 | 100 | 1,710 | 0 | 6,190 | 343 | 3,401 | 49,064 | 23,227 | 82,224 |
| 2014 | 0 | 2,947 | 0 | 2,393 | 0 | 0 | 0 | 3,089 | 0 | 2,124 | 0 | 10,553 | 285 | 3,629 | 37,927 | 9,700 | 62,093 |
| 2015 | 0 | 1,190 | 0 | 209 | 0 | 0 | 0 | 1,587 | 112 | 2,622 | 0 | 6,655 | 935 | 3,340 | 25,053 | 5,202 | 40,251 |
| 2016 | 0 | 2,209 | 0 | 214 | 0 | 0 | 0 | 3,213 | 0 | 12,077 | 0 | 17,714 | 934 | 1,132 | 34,574 | 10,507 | 64,861 |
| 2017 | 0 | 511 | 0 | 0 | 0 | 0 | 0 | 10,086 | 195 | 6,306 | 0 | 17,098 | 1,436 | 1,757 | 28,929 | 18,748 | 67,969 |
| 2018 | 0 | 356 | 0 | 344 | 268 | 0 | 0 | 11,172 | 0 | 3,376 | 0 | 15,516 | 285 | 2,352 | 35,375 | 28,972 | 82,501 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 43 | 3,604 | 27 | 535 | 44 | 15 | 1 | 7,580 | 184 | 4,715 | 12 | 16,808 | 714 | 2,524 | 26,699 | 14,611 | 61,313 |
| 3-yr | 0 | 1,025 | 0 | 186 | 89 | 0 | 0 | 8,157 | 65 | 7,253 | 0 | 16,776 | 885 | 1,747 | 32,959 | 19,409 | 71,777 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -100.0 | -90.6 | -100.0 | -36.9 | 737.5 | -100.0 | -100.0 | 51.2 | -100.0 | -29.4 | -100.0 | -8.1 | -61.3 | -7.2 | 34.8 | 109.1 | 37.1 |
| 3-yr | #DIV/0! | -65.3 | #DIV/0! | 84.9 | 200.0 | #DIV/0! | #DIV/0! | 37.0 | -100.0 | -53.5 | #DIV/0! | -7.5 | -67.8 | 34.6 | 7.3 | 49.3 | 14.9 |
| 2017 | #DIV/0! | -30.3 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 10.8 | -100.0 | -46.5 | #DIV/0! | -9.3 | -80.2 | 33.9 | 22.3 | 54.5 | 21.4 |

**Bufflehead harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 1,800 | 5,026 | 0 | 1,359 | 249 | 407 | 35 | 7,930 | 328 | 12,794 | 87 | 30,016 | 481 | 12,129 | 96,367 | 61,312 | 200,305 |
| 2000 | 1,111 | 4,176 | 140 | 174 | 171 | 172 | 0 | 8,222 | 727 | 4,734 | 0 | 19,628 | 983 | 13,386 | 48,726 | 48,332 | 131,055 |
| 2001 | 749 | 5,371 | 0 | 138 | 160 | 451 | 0 | 9,655 | 1,976 | 9,351 | 0 | 27,852 | 1,019 | 14,275 | 61,896 | 40,392 | 145,435 |
| 2002 | 1,284 | 7,509 | 94 | 2,109 | 620 | 760 | 0 | 8,149 | 2,190 | 3,809 | 0 | 26,525 | 1,376 | 11,130 | 79,260 | 60,774 | 179,065 |
| 2003 | 256 | 9,897 | 0 | 1,089 | 302 | 431 | 43 | 9,600 | 6,181 | 8,163 | 0 | 35,962 | 705 | 9,564 | 75,904 | 54,571 | 176,706 |
| 2004 | 107 | 15,852 | 116 | 1,847 | 470 | 278 | 0 | 14,578 | 1,727 | 8,977 | 0 | 43,952 | 1,615 | 13,436 | 59,789 | 52,265 | 171,058 |
| 2005 | 688 | 7,170 | 0 | 510 | 171 | 536 | 37 | 5,388 | 4,306 | 7,531 | 490 | 26,827 | 2,407 | 14,514 | 42,024 | 55,941 | 141,713 |
| 2006 | 779 | 7,387 | 0 | 1,156 | 250 | 195 | 0 | 14,172 | 2,068 | 8,731 | 405 | 35,144 | 894 | 15,509 | 78,889 | 60,927 | 191,362 |
| 2007 | 1,256 | 12,851 | 0 | 863 | 345 | 502 | 0 | 15,458 | 3,724 | 7,112 | 851 | 42,962 | 1,226 | 13,576 | 60,383 | 79,340 | 197,487 |
| 2008 | 909 | 12,246 | 0 | 2,451 | 196 | 440 | 0 | 16,964 | 2,256 | 6,222 | 36 | 41,720 | 1,010 | 14,459 | 101,118 | 84,702 | 243,010 |
| 2009 | 2,519 | 12,589 | 139 | 2,653 | 433 | 670 | 47 | 8,904 | 1,487 | 4,993 | 50 | 34,485 | 1,109 | 22,552 | 91,175 | 84,532 | 231,902 |
| 2010 | 526 | 9,185 | 0 | 4,165 | 392 | 781 | 0 | 4,582 | 1,012 | 4,298 | 278 | 25,239 | 1,665 | 16,790 | 79,651 | 76,125 | 199,466 |
| 2011 | 1,001 | 6,675 | 365 | 7,402 | 548 | 115 | 0 | 9,082 | 749 | 8,367 | 0 | 34,305 | 2,156 | 26,060 | 78,145 | 74,295 | 214,960 |
| 2012 | 868 | 13,160 | 0 | 4,586 | 140 | 266 | 0 | 10,866 | 2,265 | 16,909 | 0 | 49,060 | 977 | 13,703 | 67,418 | 115,572 | 246,730 |
| 2013 | 964 | 12,752 | 0 | 3,994 | 840 | 213 | 0 | 3,531 | 2,309 | 8,549 | 92 | 33,246 | 1,987 | 15,426 | 88,370 | 84,955 | 223,984 |
| 2014 | 493 | 18,346 | 0 | 3,324 | 967 | 662 | 0 | 5,545 | 376 | 10,150 | 48 | 39,911 | 641 | 16,438 | 70,647 | 78,452 | 206,089 |
| 2015 | 854 | 17,674 | 0 | 2,094 | 796 | 626 | 0 | 3,120 | 559 | 12,347 | 0 | 38,435 | 366 | 26,185 | 73,064 | 70,999 | 208,683 |
| 2016 | 537 | 14,955 | 0 | 500 | 801 | 692 | 0 | 5,919 | 653 | 9,578 | 0 | 33,637 | 467 | 20,787 | 55,768 | 88,196 | 198,855 |
| 2017 | 254 | 16,337 | 0 | 3,427 | 168 | 104 | 0 | 6,186 | 489 | 10,878 | 68 | 37,911 | 1,567 | 21,319 | 96,285 | 77,872 | 234,954 |
| 2018 | 93 | 12,583 | 0 | 3,098 | 268 | 667 | 80 | 7,925 | 3,173 | 9,986 | 184 | 38,057 | 856 | 28,602 | 98,519 | 121,033 | 287,066 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 852 | 11,087 | 43 | 2,347 | 414 | 448 | 12 | 8,789 | 1,928 | 8,674 | 129 | 34,744 | 1,175 | 16,992 | 75,170 | 73,529 | 201,494 |
| 3-yr | 295 | 14,625 | 0 | 2,342 | 412 | 488 | 27 | 6,677 | 1,438 | 10,147 | 84 | 36,535 | 963 | 23,569 | 83,524 | 95,700 | 240,292 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -89.6 | 14.3 | -100.0 | 34.3 | -36.5 | 52.7 | 838.3 | -10.3 | 70.4 | 16.1 | 45.4 | 10.1 | -28.2 | 74.6 | 33.2 | 70.4 | 45.7 |
| 3-yr | -68.4 | -14.0 | #DIV/0! | 32.3 | -35.0 | 36.8 | 200.0 | 18.7 | 120.6 | -1.6 | 119.0 | 4.2 | -11.1 | 21.4 | 18.0 | 26.5 | 19.5 |
| 2017 | -63.4 | -23.0 | #DIV/0! | -9.6 | 59.5 | 541.3 | #DIV/0! | 28.1 | 548.9 | -8.2 | 170.6 | 0.4 | -45.4 | 34.2 | 2.3 | 55.4 | 22.2 |

**Ruddy Duck harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 338 | 3,743 | 0 | 0 | 333 | 6,109 | 0 | 610 | 328 | 147 | 0 | 11,607 | 0 | 7,409 | 16,403 | 29,188 | 64,607 |
| 2000 | 0 | 1,193 | 0 | 174 | 257 | 259 | 0 | 128 | 727 | 125 | 0 | 2,863 | 0 | 5,906 | 6,418 | 11,029 | 26,217 |
| 2001 | 0 | 2,302 | 0 | 138 | 80 | 663 | 0 | 116 | 2,062 | 90 | 0 | 5,452 | 0 | 4,073 | 4,609 | 7,206 | 21,339 |
| 2002 | 154 | 1,725 | 0 | 301 | 138 | 268 | 0 | 0 | 292 | 0 | 0 | 2,879 | 0 | 2,020 | 4,479 | 7,288 | 16,665 |
| 2003 | 426 | 2,743 | 0 | 272 | 201 | 383 | 0 | 213 | 1,319 | 75 | 0 | 5,632 | 0 | 1,748 | 10,943 | 2,474 | 20,797 |
| 2004 | 161 | 3,484 | 0 | 194 | 188 | 93 | 0 | 258 | 1,802 | 168 | 0 | 6,347 | 81 | 2,009 | 5,227 | 4,307 | 17,971 |
| 2005 | 306 | 2,257 | 0 | 255 | 0 | 575 | 0 | 481 | 1,773 | 95 | 0 | 5,742 | 0 | 2,489 | 4,235 | 11,709 | 24,175 |
| 2006 | 260 | 3,571 | 0 | 0 | 83 | 111 | 0 | 718 | 2,378 | 294 | 0 | 7,415 | 0 | 4,918 | 20,250 | 7,026 | 39,609 |
| 2007 | 1,005 | 2,921 | 0 | 0 | 259 | 325 | 0 | 400 | 698 | 462 | 61 | 6,130 | 0 | 3,837 | 10,891 | 8,679 | 29,538 |
| 2008 | 357 | 3,814 | 0 | 123 | 0 | 98 | 0 | 0 | 294 | 194 | 0 | 4,880 | 0 | 2,485 | 10,970 | 11,860 | 30,195 |
| 2009 | 1,050 | 4,196 | 0 | 133 | 325 | 56 | 0 | 139 | 637 | 0 | 0 | 6,536 | 0 | 7,268 | 12,243 | 9,275 | 34,904 |
| 2010 | 993 | 12,438 | 0 | 0 | 0 | 325 | 0 | 187 | 3,035 | 0 | 69 | 17,048 | 0 | 8,105 | 8,366 | 21,427 | 55,268 |
| 2011 | 566 | 6,283 | 0 | 0 | 0 | 750 | 0 | 623 | 999 | 167 | 61 | 9,449 | 0 | 10,050 | 21,717 | 5,531 | 46,746 |
| 2012 | 1,302 | 5,362 | 0 | 0 | 980 | 199 | 0 | 359 | 2,532 | 0 | 0 | 10,734 | 0 | 5,311 | 20,443 | 14,397 | 50,885 |
| 2013 | 742 | 12,904 | 0 | 374 | 0 | 160 | 0 | 368 | 1,004 | 114 | 0 | 15,666 | 0 | 7,332 | 8,933 | 14,353 | 46,285 |
| 2014 | 720 | 7,605 | 288 | 0 | 161 | 530 | 0 | 211 | 2,130 | 826 | 145 | 12,615 | 0 | 10,124 | 20,930 | 17,401 | 61,070 |
| 2015 | 1,025 | 4,758 | 0 | 0 | 0 | 482 | 0 | 985 | 895 | 109 | 0 | 8,254 | 0 | 5,955 | 4,805 | 6,713 | 25,727 |
| 2016 | 785 | 1,699 | 0 | 429 | 0 | 1,269 | 0 | 254 | 1,176 | 208 | 0 | 5,820 | 0 | 4,702 | 15,500 | 9,057 | 35,079 |
| 2017 | 85 | 2,893 | 0 | 149 | 0 | 138 | 0 | 807 | 782 | 79 | 0 | 4,933 | 0 | 3,546 | 7,142 | 10,983 | 26,604 |
| 2018 | 371 | 1,662 | 0 | 1,033 | 0 | 1,335 | 0 | 390 | 1,953 | 0 | 61 | 6,804 | 0 | 5,166 | 6,721 | 12,754 | 31,444 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 532 | 4,378 | 14 | 179 | 150 | 706 | 0 | 362 | 1,341 | 158 | 20 | 7,840 | 4 | 5,223 | 11,061 | 11,133 | 35,256 |
| 3-yr | 414 | 2,085 | 0 | 537 | 0 | 914 | 0 | 484 | 1,304 | 96 | 20 | 5,852 | 0 | 4,471 | 9,788 | 10,931 | 31,042 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -31.4 | -63.2 | -100.0 | 672.1 | -100.0 | 98.3 | #DIV/0! | 8.1 | 49.2 | -100.0 | 244.9 | -13.8 | -100.0 | -1.1 | -40.5 | 15.4 | -11.3 |
| 3-yr | -10.3 | -20.3 | #DIV/0! | 92.4 | #DIV/0! | 46.1 | #DIV/0! | -19.4 | 49.8 | -100.0 | 200.0 | 16.3 | #DIV/0! | 15.5 | -31.3 | 16.7 | 1.3 |
| 2017 | 336.5 | -42.6 | #DIV/0! | 593.3 | #DIV/0! | 867.4 | #DIV/0! | -51.7 | 149.7 | -100.0 | #DIV/0! | 37.9 | #DIV/0! | 45.7 | -5.9 | 16.1 | 18.2 |

**Common Goldeneye harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 113 | 1,818 | 488 | 1,813 | 1,746 | 175 | 0 | 732 | 2,407 | 4,706 | 697 | 14,692 | 721 | 2,959 | 22,587 | 9,690 | 50,649 |
| 2000 | 185 | 3,698 | 280 | 2,879 | 2,313 | 43 | 0 | 1,413 | 4,909 | 1,744 | 0 | 17,464 | 1,638 | 8,080 | 18,055 | 11,481 | 56,718 |
| 2001 | 107 | 4,165 | 71 | 553 | 1,121 | 239 | 0 | 1,978 | 2,406 | 1,978 | 0 | 12,618 | 463 | 6,118 | 23,406 | 6,014 | 48,619 |
| 2002 | 616 | 2,537 | 188 | 10,015 | 4,342 | 402 | 0 | 863 | 9,054 | 2,078 | 0 | 30,095 | 2,683 | 8,343 | 35,658 | 12,156 | 88,936 |
| 2003 | 341 | 3,935 | 895 | 4,629 | 2,161 | 431 | 43 | 1,138 | 24,641 | 2,621 | 0 | 40,835 | 1,096 | 11,678 | 28,299 | 13,439 | 95,348 |
| 2004 | 642 | 4,703 | 1,159 | 5,055 | 1,222 | 556 | 0 | 1,097 | 5,405 | 3,608 | 0 | 23,447 | 1,696 | 7,888 | 30,290 | 13,036 | 76,357 |
| 2005 | 306 | 3,585 | 153 | 4,594 | 1,369 | 115 | 334 | 770 | 6,669 | 5,911 | 381 | 24,186 | 1,755 | 3,326 | 23,420 | 18,760 | 71,448 |
| 2006 | 87 | 3,201 | 807 | 9,670 | 2,081 | 223 | 107 | 5,203 | 4,963 | 7,946 | 1,148 | 35,435 | 1,031 | 7,792 | 19,622 | 12,542 | 76,421 |
| 2007 | 251 | 5,841 | 1,512 | 7,611 | 776 | 325 | 0 | 3,998 | 2,793 | 4,341 | 425 | 27,873 | 1,226 | 8,093 | 26,478 | 14,739 | 78,409 |
| 2008 | 1,039 | 3,413 | 411 | 7,965 | 784 | 440 | 110 | 3,493 | 5,396 | 2,819 | 503 | 26,372 | 404 | 4,985 | 29,540 | 15,762 | 77,064 |
| 2009 | 1,889 | 8,393 | 1,813 | 9,551 | 1,733 | 391 | 401 | 3,200 | 2,019 | 3,518 | 2,190 | 35,097 | 1,044 | 7,516 | 30,017 | 12,747 | 84,342 |
| 2010 | 58 | 4,401 | 2,069 | 3,881 | 2,158 | 130 | 35 | 935 | 3,642 | 2,256 | 0 | 19,577 | 1,059 | 10,887 | 33,577 | 14,424 | 77,704 |
| 2011 | 566 | 6,479 | 1,946 | 9,919 | 2,192 | 58 | 0 | 1,336 | 2,248 | 4,685 | 0 | 29,429 | 1,312 | 9,221 | 39,306 | 12,463 | 91,731 |
| 2012 | 372 | 4,630 | 0 | 6,420 | 3,780 | 133 | 77 | 988 | 800 | 7,298 | 0 | 24,497 | 1,411 | 12,153 | 26,055 | 12,687 | 76,804 |
| 2013 | 742 | 677 | 1,203 | 15,351 | 3,121 | 213 | 161 | 145 | 5,322 | 920 | 92 | 27,946 | 1,370 | 8,377 | 29,593 | 14,689 | 81,976 |
| 2014 | 341 | 296 | 288 | 7,445 | 17,563 | 0 | 154 | 111 | 2,631 | 477 | 145 | 29,452 | 855 | 6,624 | 32,910 | 7,730 | 77,571 |
| 2015 | 256 | 138 | 0 | 7,537 | 7,001 | 0 | 283 | 97 | 3,580 | 561 | 373 | 19,990 | 163 | 6,341 | 25,123 | 6,784 | 58,238 |
| 2016 | 785 | 6,288 | 622 | 3,503 | 3,205 | 288 | 0 | 1,268 | 1,437 | 3,956 | 144 | 21,497 | 1,867 | 5,265 | 33,269 | 10,606 | 72,505 |
| 2017 | 212 | 6,297 | 1,013 | 11,623 | 3,016 | 138 | 0 | 672 | 586 | 2,326 | 822 | 26,705 | 261 | 6,686 | 31,870 | 9,422 | 74,944 |
| 2018 | 186 | 3,799 | 467 | 8,432 | 6,424 | 0 | 0 | 1,169 | 5,044 | 770 | 797 | 27,088 | 285 | 9,252 | 44,721 | 9,135 | 90,480 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 455 | 3,915 | 769 | 6,922 | 3,405 | 215 | 85 | 1,530 | 4,798 | 3,226 | 386 | 25,715 | 1,117 | 7,579 | 29,190 | 11,915 | 75,313 |
| 3-yr | 394 | 5,461 | 701 | 7,853 | 4,215 | 142 | 0 | 1,036 | 2,356 | 2,351 | 588 | 25,097 | 804 | 7,068 | 36,620 | 9,721 | 79,310 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -60.3 | -3.1 | -40.5 | 23.2 | 97.9 | -100.0 | -100.0 | -24.5 | 5.4 | -77.1 | 118.8 | 5.6 | -75.4 | 23.5 | 57.6 | -24.3 | 21.4 |
| 3-yr | -52.8 | -30.4 | -33.3 | 7.4 | 52.4 | -100.0 | #DIV/0! | 12.8 | 114.1 | -67.2 | 35.6 | 7.9 | -64.6 | 30.9 | 22.1 | -6.0 | 14.1 |
| 2017 | -12.3 | -39.7 | -53.9 | -27.5 | 113.0 | -100.0 | #DIV/0! | 74.0 | 760.8 | -66.9 | -3.0 | 1.4 | 9.2 | 38.4 | 40.3 | -3.0 | 20.7 |

**Barrow's Goldeneye harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 107 | 0 | 302 | 83 | 58 | 0 | 122 | 219 | 1,176 | 87 | 2,155 | 1,682 | 249 | 0 | 0 | 4,086 |
| 2000 | 0 | 239 | 70 | 960 | 1,028 | 0 | 0 | 771 | 909 | 374 | 0 | 4,350 | 1,720 | 70 | 0 | 58 | 6,198 |
| 2001 | 0 | 219 | 0 | 415 | 0 | 27 | 0 | 0 | 430 | 539 | 0 | 1,629 | 649 | 357 | 0 | 83 | 2,718 |
| 2002 | 0 | 101 | 0 | 452 | 620 | 0 | 0 | 0 | 341 | 277 | 0 | 1,791 | 2,477 | 44 | 0 | 27 | 4,339 |
| 2003 | 0 | 119 | 0 | 0 | 151 | 48 | 0 | 427 | 165 | 524 | 0 | 1,434 | 3,837 | 99 | 0 | 0 | 5,369 |
| 2004 | 0 | 0 | 0 | 875 | 282 | 0 | 0 | 194 | 525 | 1,258 | 0 | 3,134 | 1,938 | 0 | 0 | 0 | 5,072 |
| 2005 | 0 | 0 | 0 | 1,021 | 171 | 0 | 0 | 1,058 | 253 | 1,239 | 218 | 3,961 | 1,153 | 54 | 0 | 78 | 5,247 |
| 2006 | 0 | 0 | 0 | 736 | 832 | 0 | 0 | 538 | 0 | 981 | 473 | 3,560 | 962 | 68 | 285 | 201 | 5,075 |
| 2007 | 0 | 292 | 0 | 157 | 517 | 30 | 0 | 400 | 0 | 924 | 0 | 2,319 | 1,471 | 122 | 0 | 0 | 3,912 |
| 2008 | 32 | 0 | 0 | 3,063 | 392 | 0 | 0 | 1,164 | 98 | 194 | 0 | 4,945 | 4,243 | 36 | 0 | 123 | 9,348 |
| 2009 | 52 | 699 | 0 | 929 | 108 | 0 | 0 | 278 | 106 | 227 | 50 | 2,450 | 1,631 | 100 | 0 | 170 | 4,302 |
| 2010 | 0 | 0 | 90 | 189 | 0 | 0 | 0 | 655 | 0 | 322 | 0 | 1,258 | 1,665 | 90 | 0 | 221 | 3,142 |
| 2011 | 0 | 196 | 122 | 1,184 | 274 | 0 | 0 | 890 | 500 | 1,004 | 0 | 4,170 | 1,406 | 667 | 0 | 11 | 6,254 |
| 2012 | 0 | 0 | 0 | 459 | 140 | 0 | 0 | 269 | 133 | 1,246 | 0 | 2,247 | 2,171 | 1,555 | 0 | 0 | 5,972 |
| 2013 | 148 | 66 | 0 | 749 | 0 | 0 | 0 | 10 | 0 | 184 | 0 | 1,156 | 1,576 | 1,937 | 0 | 0 | 4,669 |
| 2014 | 0 | 35 | 0 | 532 | 806 | 0 | 0 | 120 | 125 | 111 | 0 | 1,729 | 2,279 | 161 | 0 | 154 | 4,323 |
| 2015 | 0 | 11 | 0 | 628 | 796 | 0 | 0 | 58 | 0 | 39 | 0 | 2,345 | 813 | 0 | 0 | 31 | 2,376 |
| 2016 | 0 | 170 | 155 | 286 | 160 | 0 | 0 | 1,353 | 131 | 416 | 0 | 2,672 | 934 | 36 | 0 | 43 | 3,684 |
| 2017 | 0 | 0 | 0 | 894 | 0 | 0 | 0 | 269 | 98 | 332 | 205 | 1,798 | 2,742 | 0 | 0 | 260 | 4,800 |
| 2018 | 0 | 0 | 0 | 258 | 134 | 0 | 0 | 779 | 163 | 199 | 123 | 1,656 | 1,198 | 184 | 0 | 60 | 3,098 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 12 | 113 | 22 | 704 | 325 | 8 | 0 | 468 | 210 | 578 | 58 | 2,538 | 1,827 | 291 | 14 | 76 | 4,699 |
| 3-yr | 0 | 57 | 52 | 479 | 98 | 0 | 0 | 800 | 131 | 316 | 109 | 2,042 | 1,625 | 73 | 0 | 121 | 3,861 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -100.0 | -100.0 | -100.0 | -64.6 | -60.0 | -100.0 | #DIV/0! | 72.6 | -23.2 | -66.7 | 126.2 | -35.9 | -35.6 | -38.1 | -100.0 | -21.9 | -35.2 |
| 3-yr | #DIV/0! | -100.0 | -100.0 | -46.2 | 36.7 | #DIV/0! | #DIV/0! | -2.7 | 24.7 | -37.0 | 12.5 | -18.9 | -26.3 | 150.9 | #DIV/0! | -50.4 | -19.8 |
| 2017 | #DIV/0! | #DIV/0! | #DIV/0! | -71.1 | #DIV/0! | #DIV/0! | #DIV/0! | 189.6 | 66.3 | -40.1 | -40.0 | -7.9 | -56.3 | #DIV/0! | #DIV/0! | -76.9 | -35.5 |

**Surf Scoter harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 107 | 0 | 0 | 0 | 0 | 0 | 244 | 0 | 294 | 0 | 645 | 2,132 | 182 | 3,029 | 8,633 | 14,620 |
| 2000 | 0 | 119 | 0 | 0 | 0 | 0 | 0 | 128 | 0 | 997 | 0 | 1,244 | 2,450 | 70 | 271 | 12,798 | 16,833 |
| 2001 | 0 | 219 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,259 | 0 | 1,478 | 0 | 80 | 332 | 15,044 | 16,934 |
| 2002 | 0 | 0 | 0 | 75 | 0 | 45 | 0 | 479 | 49 | 2,078 | 0 | 2,726 | 0 | 120 | 949 | 14,513 | 18,308 |
| 2003 | 43 | 119 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 150 | 0 | 383 | 0 | 173 | 1,145 | 38,507 | 40,209 |
| 2004 | 0 | 523 | 0 | 0 | 0 | 0 | 0 | 452 | 0 | 1,594 | 0 | 2,568 | 618 | 117 | 520 | 30,820 | 34,643 |
| 2005 | 0 | 398 | 0 | 0 | 0 | 0 | 0 | 481 | 84 | 2,097 | 0 | 3,061 | 1,211 | 0 | 1,591 | 21,057 | 26,920 |
| 2006 | 0 | 123 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 1,766 | 0 | 2,089 | 215 | 83 | 566 | 29,078 | 32,032 |
| 2007 | 0 | 1,314 | 89 | 0 | 86 | 30 | 0 | 171 | 0 | 2,032 | 0 | 3,722 | 2,375 | 182 | 1,691 | 29,033 | 37,003 |
| 2008 | 0 | 1,400 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 2,722 | 0 | 4,222 | 6,477 | 0 | 367 | 29,316 | 40,382 |
| 2009 | 0 | 900 | 0 | 0 | 0 | 0 | 0 | 225 | 106 | 4,425 | 0 | 5,656 | 592 | 113 | 1,647 | 25,915 | 33,924 |
| 2010 | 0 | 5,092 | 0 | 0 | 0 | 0 | 0 | 208 | 0 | 1,182 | 0 | 6,487 | 1,196 | 129 | 1,407 | 13,462 | 22,676 |
| 2011 | 0 | 306 | 0 | 0 | 0 | 0 | 0 | 180 | 0 | 4,351 | 0 | 4,837 | 1,492 | 0 | 1,607 | 27,740 | 35,675 |
| 2012 | 0 | 683 | 0 | 0 | 0 | 133 | 0 | 221 | 0 | 3,204 | 0 | 4,240 | 5,023 | 283 | 1,220 | 24,942 | 35,709 |
| 2013 | 0 | 197 | 0 | 0 | 0 | 0 | 0 | 10 | 100 | 391 | 0 | 698 | 2,510 | 0 | 1,350 | 12,294 | 16,852 |
| 2014 | 0 | 84 | 0 | 0 | 0 | 0 | 0 | 120 | 0 | 143 | 0 | 347 | 1,033 | 167 | 3,143 | 20,578 | 25,267 |
| 2015 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 97 | 0 | 1,791 | 1,644 | 41 | 1,352 | 23,203 | 26,387 |
| 2016 | 0 | 591 | 0 | 0 | 0 | 0 | 0 | 170 | 0 | 2,082 | 0 | 2,843 | 0 | 0 | 2,953 | 18,025 | 23,821 |
| 2017 | 21 | 792 | 0 | 75 | 0 | 35 | 0 | 62 | 0 | 886 | 0 | 1,871 | 3,332 | 0 | 313 | 19,131 | 24,647 |
| 2018 | 0 | 645 | 0 | 86 | 0 | 0 | 0 | 315 | 0 | 671 | 0 | 1,717 | 598 | 0 | 320 | 33,539 | 36,174 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 3 | 682 | 4 | 12 | 4 | 12 | 0 | 192 | 17 | 1,621 | 0 | 2,631 | 1,645 | 87 | 1,289 | 22,381 | 27,951 |
| 3-yr | 7 | 676 | 0 | 54 | 0 | 12 | 0 | 182 | 0 | 1,213 | 0 | 2,144 | 1,310 | 0 | 1,195 | 23,565 | 28,214 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -100.0 | -5.8 | -100.0 | 989.3 | -100.0 | -100.0 | #DIV/0! | 69.3 | -100.0 | -59.8 | #DIV/0! | -35.9 | -64.8 | -100.0 | -76.1 | 53.9 | 31.5 |
| 3-yr | -100.0 | -4.6 | #DIV/0! | 60.2 | #DIV/0! | -100.0 | #DIV/0! | 72.8 | #DIV/0! | -44.7 | #DIV/0! | -19.9 | -54.4 | #DIV/0! | -73.2 | 42.3 | 28.2 |
| 2017 | -100.0 | -18.6 | #DIV/0! | 14.7 | #DIV/0! | -100.0 | #DIV/0! | 408.1 | #DIV/0! | -24.3 | #DIV/0! | -8.2 | -82.1 | #DIV/0! | 2.2 | 75.3 | 46.8 |

**White-winged Scoter harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 294 | 0 | 294 | 834 | 182 | 0 | 2,044 | 3,354 |
| 2000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,225 | 86 | 0 | 4,611 | 5,922 |
| 2001 | 0 | 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 360 | 0 | 469 | 2,900 | 0 | 1,529 | 7,665 | 12,563 |
| 2002 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 831 | 0 | 831 | 0 | 212 | 813 | 6,257 | 8,113 |
| 2003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 599 | 0 | 599 | 1,622 | 159 | 1,903 | 6,822 | 11,106 |
| 2004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 671 | 0 | 671 | 124 | 0 | 2,877 | 6,058 | 9,730 |
| 2005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 286 | 0 | 286 | 1,140 | 113 | 793 | 4,215 | 6,547 |
| 2006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 103 | 392 | 0 | 496 | 2,369 | 0 | 697 | 8,725 | 12,288 |
| 2007 | 0 | 146 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 739 | 0 | 914 | 1,583 | 0 | 1,218 | 4,294 | 8,010 |
| 2008 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,653 | 0 | 1,653 | 0 | 0 | 336 | 5,643 | 7,632 |
| 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 0 | 3,858 | 0 | 3,933 | 0 | 172 | 1,777 | 2,860 | 8,742 |
| 2010 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104 | 0 | 215 | 0 | 320 | 598 | 0 | 1,118 | 5,359 | 7,393 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 58 | 0 | 90 | 0 | 3,347 | 0 | 3,494 | 746 | 0 | 3,965 | 3,575 | 11,780 |
| 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 178 | 0 | 178 | 0 | 181 | 2,362 | 1,841 | 4,561 |
| 2013 | 0 | 22 | 0 | 125 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 193 | 0 | 0 | 1,482 | 5,434 | 7,109 |
| 2014 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 111 | 0 | 116 | 1,240 | 118 | 4,827 | 2,905 | 9,206 |
| 2015 | 43 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 2,804 | 2,739 | 108 | 1,473 | 3,098 | 7,483 |
| 2016 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21 | 0 | 1,041 | 0 | 1,134 | 0 | 0 | 1,447 | 3,848 | 6,428 |
| 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 609 | 0 | 609 | 833 | 169 | 1,689 | 3,736 | 7,036 |
| 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 174 | 0 | 174 | 239 | 134 | 3,562 | 2,409 | 6,517 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 2 | 14 | 0 | 10 | 0 | 3 | 0 | 16 | 5 | 771 | 0 | 958 | 910 | 82 | 1,693 | 4,570 | 8,076 |
| 3-yr | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 7 | 0 | 608 | 0 | 639 | 357 | 101 | 2,233 | 3,331 | 6,660 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -100.0 | -100.0 | #DIV/0! | -100.0 | #DIV/0! | -100.0 | #DIV/0! | -100.0 | -100.0 | -78.3 | #DIV/0! | -82.6 | -74.7 | 69.7 | 123.3 | -48.6 | -20.1 |
| 3-yr | #DIV/0! | #DIV/0! | #DIV/0! | -100.0 | #DIV/0! | #DIV/0! | #DIV/0! | -100.0 | #DIV/0! | -71.4 | #DIV/0! | -72.8 | -33.1 | 32.7 | 59.5 | -27.7 | -2.2 |
| 2017 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | -71.4 | #DIV/0! | -71.4 | -71.3 | -20.7 | 110.9 | -35.5 | -7.4 |

**Black Scoter harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 741 | 195 | 1,114 | 6,815 | 8,866 |
| 2000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,051 | 4,651 | 5,702 |
| 2001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 865 | 3,691 | 4,556 |
| 2002 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 785 | 8,523 | 9,308 |
| 2003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 811 | 0 | 1,779 | 17,845 | 20,435 |
| 2004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,360 | 126 | 889 | 11,425 | 13,800 |
| 2005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,140 | 0 | 2,537 | 16,853 | 20,530 |
| 2006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 215 | 311 | 619 | 8,498 | 9,644 |
| 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 127 | 1,529 | 7,466 | 9,122 |
| 2008 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 194 | 0 | 194 | 0 | 0 | 883 | 5,172 | 6,249 |
| 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,183 | 331 | 176 | 7,923 | 9,613 |
| 2010 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 598 | 0 | 611 | 14,902 | 16,111 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167 | 0 | 167 | 0 | 0 | 442 | 14,022 | 14,632 |
| 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 407 | 11,635 | 12,042 |
| 2013 | 0 | 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 | 2,092 | 0 | 260 | 21,219 | 23,658 |
| 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 194 | 1,339 | 7,794 | 9,327 |
| 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 548 | 548 | 0 | 276 | 16,873 | 17,697 |
| 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 985 | 162 | 1,761 | 17,239 | 20,147 |
| 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,666 | 0 | 1,449 | 10,211 | 13,326 |
| 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,750 | 0 | 1,859 | 30,786 | 35,394 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 50 | 704 | 72 | 1,032 | 12,177 | 14,008 |
| 3-yr | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,800 | 54 | 1,690 | 19,412 | 22,956 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | #DIV/0! | -100.0 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | -100.0 | #DIV/0! | -100.0 | 360.8 | -100.0 | 88.2 | 174.9 | 174.7 |
| 3-yr | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 52.7 | -100.0 | 10.0 | 58.6 | 54.2 |
| 2017 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 65.1 | #DIV/0! | 28.3 | 201.5 | 165.6 |

**Long-tailed Duck harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147 | 0 | 147 | 0 | 0 | 242 | 14,718 | 15,107 |
| 2000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 722 | 12,882 | 13,604 |
| 2001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 193 | 20,045 | 20,238 |
| 2002 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 416 | 0 | 416 | 0 | 47 | 435 | 14,905 | 15,803 |
| 2003 | 0 | 0 | 0 | 136 | 0 | 0 | 0 | 71 | 0 | 225 | 0 | 432 | 811 | 0 | 2,024 | 17,627 | 20,893 |
| 2004 | 0 | 0 | 0 | 97 | 0 | 0 | 0 | 0 | 0 | 252 | 0 | 349 | 124 | 47 | 4,928 | 20,909 | 26,356 |
| 2005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 | 0 | 0 | 84 | 0 | 170 | 4,928 | 14,999 | 20,181 |
| 2006 | 0 | 0 | 0 | 105 | 0 | 0 | 0 | 0 | 0 | 196 | 0 | 301 | 215 | 0 | 9,070 | 18,196 | 27,783 |
| 2007 | 0 | 146 | 0 | 78 | 0 | 0 | 0 | 0 | 0 | 462 | 0 | 686 | 0 | 0 | 2,840 | 26,521 | 30,047 |
| 2008 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 486 | 0 | 486 | 0 | 151 | 7,690 | 28,686 | 37,012 |
| 2009 | 0 | 100 | 0 | 133 | 0 | 0 | 0 | 0 | 0 | 567 | 0 | 800 | 592 | 0 | 5,530 | 15,260 | 22,182 |
| 2010 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 | 598 | 0 | 9,740 | 15,844 | 26,241 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 746 | 61 | 4,776 | 10,698 | 16,281 |
| 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 356 | 0 | 356 | 0 | 0 | 6,493 | 21,677 | 28,525 |
| 2013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 23 | 0 | 0 | 12,899 | 16,302 | 29,224 |
| 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 207 | 194 | 1,774 | 11,053 | 13,226 |
| 2015 | 0 | 0 | 0 | 105 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 398 | 274 | 0 | 11,409 | 18,619 | 30,427 |
| 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 985 | 0 | 10,755 | 31,852 | 43,592 |
| 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 55 | 1,666 | 214 | 13,185 | 24,862 | 39,982 |
| 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 0 | 4,164 | 24,203 | 28,487 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 3 | 12 | 0 | 33 | 0 | 0 | 0 | 4 | 4 | 160 | 0 | 230 | 317 | 44 | 5,690 | 18,993 | 25,260 |
| 3-yr | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 18 | 924 | 71 | 9,368 | 26,972 | 37,354 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -100.0 | -100.0 | #DIV/0! | -100.0 | #DIV/0! | #DIV/0! | #DIV/0! | -100.0 | -100.0 | -100.0 | #DIV/0! | -100.0 | -63.3 | -100.0 | -27.8 | 29.3 | 13.5 |
| 3-yr | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | -100.0 | #DIV/0! | -100.0 | -87.0 | -100.0 | -55.6 | -10.3 | -23.7 |
| 2017 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | -100.0 | #DIV/0! | -100.0 | -92.8 | -100.0 | -68.4 | -2.7 | -28.8 |

**Harlequin Duck harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 441 | 0 | 441 | 0 | 0 | 0 | 0 | 441 |
| 2000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2001 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 |
| 2002 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 0 | 69 | 2,265 | 0 | 0 | 0 | 2,334 |
| 2003 | 0 | 0 | 0 | 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 136 | 811 | 0 | 764 | 0 | 1,712 |
| 2004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 | 0 | 84 | 2,225 | 0 | 0 | 0 | 2,309 |
| 2005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,425 | 0 | 0 | 0 | 1,425 |
| 2006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 0 | 98 | 862 | 0 | 0 | 0 | 960 |
| 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 92 | 0 | 92 | 2,375 | 0 | 0 | 0 | 2,467 |
| 2008 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 864 | 0 | 0 | 0 | 864 |
| 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 113 | 592 | 0 | 0 | 0 | 705 |
| 2010 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,784 | 0 | 0 | 0 | 4,784 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,237 | 0 | 0 | 0 | 2,237 |
| 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 718 | 0 | 0 | 0 | 718 |
| 2013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,673 | 0 | 0 | 0 | 1,673 |
| 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 16 | 620 | 0 | 0 | 0 | 636 |
| 2015 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 590 | 548 | 0 | 0 | 0 | 589 |
| 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,907 | 0 | 0 | 68 | 5,975 |
| 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,083 | 0 | 0 | 73 | 2,156 |
| 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,435 | 0 | 186 | 0 | 1,620 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 0 | 0 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 86 | 1,571 | 0 | 48 | 7 | 1,684 |
| 3-yr | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,142 | 0 | 62 | 47 | 3,250 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | #DIV/0! | -100.0 | -100.0 | -100.0 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | -100.0 | #DIV/0! | -100.0 | -9.1 | #DIV/0! | 362.6 | -100.0 | -4.0 |
| 3-yr | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | -54.3 | #DIV/0! | 200.0 | -100.0 | -50.2 |
| 2017 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | -31.1 | #DIV/0! | #DIV/0! | -100.0 | -24.9 |

**Common Merganser harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 0 | 163 | 755 | 0 | 116 | 0 | 488 | 547 | 441 | 87 | 2,598 | 93 | 344 | 4,792 | 6,314 | 14,140 |
| 2000 | 926 | 716 | 0 | 523 | 514 | 86 | 221 | 514 | 3,455 | 125 | 0 | 7,080 | 1,225 | 1,292 | 3,718 | 9,064 | 22,379 |
| 2001 | 214 | 110 | 141 | 207 | 240 | 106 | 0 | 1,163 | 1,203 | 1,169 | 0 | 4,554 | 0 | 1,543 | 4,538 | 3,863 | 14,498 |
| 2002 | 154 | 0 | 47 | 75 | 207 | 89 | 39 | 1,630 | 633 | 485 | 0 | 3,359 | 0 | 2,458 | 8,214 | 12,161 | 26,192 |
| 2003 | 298 | 715 | 0 | 681 | 201 | 144 | 0 | 996 | 2,307 | 374 | 0 | 5,717 | 1,352 | 2,106 | 5,393 | 12,038 | 26,606 |
| 2004 | 0 | 697 | 463 | 681 | 329 | 0 | 194 | 903 | 751 | 671 | 0 | 4,689 | 1,855 | 1,462 | 4,725 | 9,392 | 22,122 |
| 2005 | 76 | 133 | 153 | 0 | 57 | 38 | 0 | 2,598 | 84 | 572 | 0 | 3,711 | 214 | 301 | 3,448 | 6,280 | 13,954 |
| 2006 | 87 | 862 | 0 | 105 | 166 | 0 | 160 | 538 | 1,241 | 589 | 0 | 3,748 | 1,508 | 1,877 | 3,415 | 6,723 | 17,270 |
| 2007 | 586 | 438 | 89 | 157 | 1,293 | 59 | 57 | 2,399 | 233 | 1,386 | 0 | 6,697 | 1,187 | 687 | 2,089 | 8,770 | 19,430 |
| 2008 | 32 | 0 | 0 | 735 | 784 | 0 | 37 | 1,331 | 883 | 583 | 36 | 4,421 | 1,295 | 302 | 4,296 | 11,063 | 21,378 |
| 2009 | 210 | 699 | 139 | 531 | 325 | 503 | 212 | 904 | 850 | 113 | 100 | 4,587 | 592 | 1,298 | 1,892 | 9,629 | 17,880 |
| 2010 | 409 | 191 | 90 | 284 | 0 | 0 | 0 | 1,496 | 1,416 | 215 | 0 | 4,103 | 598 | 589 | 2,031 | 11,369 | 18,599 |
| 2011 | 479 | 196 | 0 | 148 | 137 | 58 | 0 | 1,158 | 500 | 1,506 | 0 | 4,181 | 0 | 696 | 7,243 | 5,578 | 17,698 |
| 2012 | 248 | 731 | 300 | 459 | 140 | 199 | 0 | 988 | 133 | 1,068 | 0 | 4,266 | 2,153 | 759 | 1,284 | 6,994 | 15,454 |
| 2013 | 74 | 455 | 219 | 374 | 120 | 0 | 0 | 515 | 1,104 | 798 | 0 | 3,660 | 418 | 1,049 | 5,956 | 7,588 | 18,671 |
| 2014 | 227 | 665 | 0 | 266 | 967 | 0 | 0 | 913 | 1,879 | 1,062 | 97 | 6,076 | 1,240 | 904 | 6,464 | 4,372 | 19,056 |
| 2015 | 128 | 340 | 0 | 209 | 1,114 | 48 | 0 | 876 | 224 | 546 | 0 | 4,581 | 1,096 | 308 | 4,107 | 5,534 | 14,530 |
| 2016 | 207 | 510 | 0 | 500 | 481 | 231 | 0 | 1,184 | 522 | 833 | 36 | 4,504 | 0 | 438 | 3,120 | 7,204 | 15,266 |
| 2017 | 0 | 681 | 145 | 298 | 503 | 104 | 0 | 1,210 | 489 | 631 | 68 | 4,128 | 0 | 886 | 4,156 | 7,438 | 16,606 |
| 2018 | 155 | 950 | 311 | 258 | 0 | 0 | 0 | 650 | 1,058 | 985 | 61 | 4,427 | 120 | 1,041 | 2,464 | 5,245 | 13,296 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 225 | 454 | 113 | 362 | 379 | 89 | 46 | 1,123 | 976 | 708 | 24 | 4,554 | 747 | 1,017 | 4,167 | 7,831 | 18,251 |
| 3-yr | 121 | 714 | 152 | 352 | 328 | 112 | 0 | 1,015 | 690 | 816 | 55 | 4,353 | 40 | 788 | 3,247 | 6,629 | 15,056 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -32.4 | 121.8 | 203.2 | -29.9 | -100.0 | -100.0 | -100.0 | -43.4 | 8.9 | 42.1 | 173.3 | -2.9 | -84.6 | 2.5 | -42.1 | -34.2 | -28.2 |
| 3-yr | 28.5 | 33.1 | 104.6 | -26.7 | -100.0 | -100.0 | #DIV/0! | -35.9 | 53.4 | 20.7 | 10.9 | 1.7 | 200.0 | 32.1 | -24.1 | -20.9 | -11.7 |
| 2017 | #DIV/0! | 39.5 | 114.5 | -13.4 | -100.0 | -100.0 | #DIV/0! | -46.3 | 116.4 | 56.1 | -10.3 | 7.2 | #DIV/0! | 17.5 | -40.7 | -29.5 | -19.9 |

**Red-breasted Merganser harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 244 | 219 | 147 | 0 | 610 | 0 | 756 | 3,381 | 8,778 | 13,525 |
| 2000 | 0 | 0 | 0 | 87 | 86 | 0 | 0 | 0 | 1,091 | 0 | 0 | 1,264 | 0 | 1,013 | 3,254 | 5,583 | 11,114 |
| 2001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 601 | 0 | 0 | 601 | 0 | 964 | 2,922 | 6,426 | 10,913 |
| 2002 | 0 | 0 | 0 | 75 | 69 | 0 | 0 | 96 | 97 | 0 | 0 | 337 | 0 | 1,272 | 2,649 | 8,914 | 13,173 |
| 2003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 577 | 0 | 0 | 577 | 1,893 | 173 | 4,040 | 10,786 | 17,469 |
| 2004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 375 | 0 | 0 | 440 | 495 | 1,696 | 4,082 | 10,337 | 17,050 |
| 2005 | 0 | 133 | 0 | 0 | 0 | 0 | 0 | 0 | 507 | 95 | 0 | 735 | 71 | 764 | 716 | 11,781 | 14,067 |
| 2006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 724 | 98 | 0 | 822 | 215 | 114 | 2,782 | 13,078 | 17,011 |
| 2007 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 233 | 462 | 0 | 736 | 1,979 | 0 | 2,581 | 7,643 | 12,940 |
| 2008 | 0 | 0 | 0 | 123 | 0 | 0 | 0 | 166 | 196 | 97 | 0 | 582 | 864 | 392 | 3,843 | 10,824 | 16,505 |
| 2009 | 0 | 175 | 0 | 0 | 0 | 0 | 0 | 209 | 212 | 227 | 0 | 823 | 3,550 | 278 | 5,642 | 12,681 | 22,835 |
| 2010 | 0 | 0 | 0 | 0 | 0 | 130 | 0 | 281 | 202 | 108 | 0 | 721 | 0 | 107 | 3,224 | 7,860 | 12,108 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 746 | 286 | 6,125 | 10,289 | 17,447 |
| 2012 | 0 | 0 | 0 | 153 | 0 | 0 | 0 | 90 | 0 | 178 | 0 | 421 | 718 | 422 | 5,930 | 12,168 | 19,659 |
| 2013 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 837 | 0 | 7,218 | 8,323 | 16,452 |
| 2014 | 0 | 0 | 0 | 0 | 161 | 0 | 0 | 0 | 0 | 0 | 48 | 210 | 1,033 | 558 | 6,347 | 5,201 | 13,349 |
| 2015 | 0 | 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 718 | 548 | 2,099 | 19,901 | 5,106 | 27,824 |
| 2016 | 0 | 680 | 0 | 0 | 0 | 0 | 0 | 0 | 131 | 833 | 0 | 1,643 | 0 | 972 | 9,495 | 8,506 | 20,616 |
| 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 489 | 0 | 0 | 489 | 0 | 2,416 | 6,984 | 8,363 | 18,252 |
| 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81 | 0 | 0 | 81 | 0 | 875 | 4,869 | 6,606 | 12,431 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 6 | 58 | 0 | 22 | 16 | 7 | 0 | 58 | 287 | 112 | 2 | 594 | 647 | 758 | 5,299 | 8,963 | 16,237 |
| 3-yr | 0 | 227 | 0 | 0 | 0 | 0 | 0 | 0 | 234 | 278 | 0 | 738 | 0 | 1,421 | 7,116 | 7,825 | 17,100 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -100.0 | -100.0 | #DIV/0! | -100.0 | -100.0 | -100.0 | #DIV/0! | -100.0 | -72.8 | -100.0 | -100.0 | -87.0 | -100.0 | 16.4 | -8.5 | -27.3 | -24.4 |
| 3-yr | #DIV/0! | -100.0 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | -65.3 | -100.0 | #DIV/0! | -89.0 | #DIV/0! | -38.4 | -31.6 | -15.6 | -27.3 |
| 2017 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | -83.4 | #DIV/0! | #DIV/0! | -83.4 | #DIV/0! | -63.8 | -30.3 | -21.0 | -31.9 |

**Hooded Merganser harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 1,069 | 0 | 151 | 249 | 58 | 0 | 1,220 | 0 | 2,059 | 0 | 4,807 | 0 | 12,798 | 46,577 | 29,269 | 93,451 |
| 2000 | 185 | 1,551 | 0 | 785 | 171 | 86 | 0 | 1,285 | 91 | 747 | 0 | 4,902 | 82 | 8,450 | 44,927 | 35,960 | 94,321 |
| 2001 | 0 | 1,754 | 0 | 207 | 80 | 0 | 0 | 1,396 | 86 | 1,079 | 0 | 4,602 | 0 | 9,454 | 43,506 | 28,240 | 85,802 |
| 2002 | 0 | 203 | 0 | 226 | 207 | 45 | 0 | 767 | 0 | 1,385 | 0 | 2,832 | 0 | 9,987 | 58,936 | 31,791 | 103,546 |
| 2003 | 128 | 835 | 128 | 681 | 302 | 192 | 0 | 782 | 494 | 1,947 | 0 | 5,488 | 0 | 7,132 | 51,706 | 29,181 | 93,507 |
| 2004 | 54 | 1,219 | 0 | 292 | 47 | 46 | 0 | 839 | 75 | 1,426 | 0 | 3,998 | 0 | 6,097 | 47,469 | 25,692 | 83,255 |
| 2005 | 76 | 664 | 76 | 638 | 228 | 38 | 37 | 962 | 84 | 1,430 | 0 | 4,235 | 0 | 8,592 | 30,454 | 34,037 | 77,318 |
| 2006 | 0 | 862 | 0 | 210 | 166 | 84 | 0 | 897 | 207 | 294 | 68 | 2,788 | 69 | 5,320 | 37,241 | 37,182 | 82,600 |
| 2007 | 168 | 2,044 | 0 | 392 | 86 | 30 | 0 | 2,932 | 78 | 1,201 | 0 | 6,930 | 0 | 7,479 | 38,686 | 38,135 | 91,230 |
| 2008 | 195 | 1,004 | 0 | 858 | 98 | 0 | 0 | 1,164 | 196 | 875 | 0 | 4,390 | 0 | 8,940 | 38,201 | 38,212 | 89,742 |
| 2009 | 157 | 874 | 279 | 1,194 | 217 | 168 | 24 | 1,739 | 319 | 794 | 0 | 5,764 | 0 | 6,987 | 41,645 | 42,103 | 96,345 |
| 2010 | 0 | 765 | 0 | 189 | 196 | 0 | 0 | 4,208 | 202 | 752 | 0 | 6,317 | 0 | 7,433 | 45,987 | 36,148 | 95,882 |
| 2011 | 44 | 1,178 | 0 | 444 | 137 | 115 | 0 | 3,740 | 500 | 2,343 | 0 | 8,500 | 0 | 13,556 | 53,766 | 34,991 | 110,813 |
| 2012 | 62 | 1,706 | 0 | 764 | 280 | 0 | 0 | 2,155 | 400 | 2,314 | 0 | 7,681 | 0 | 7,070 | 45,886 | 39,200 | 99,837 |
| 2013 | 0 | 304 | 0 | 749 | 0 | 53 | 0 | 1,030 | 402 | 798 | 0 | 3,335 | 0 | 8,390 | 45,416 | 41,411 | 98,552 |
| 2014 | 76 | 1,711 | 0 | 532 | 322 | 0 | 0 | 842 | 0 | 1,180 | 0 | 4,663 | 0 | 8,042 | 54,723 | 30,378 | 97,807 |
| 2015 | 85 | 850 | 0 | 314 | 159 | 144 | 0 | 547 | 224 | 3,387 | 0 | 5,711 | 0 | 7,169 | 37,751 | 28,393 | 79,024 |
| 2016 | 248 | 680 | 0 | 500 | 0 | 173 | 0 | 1,015 | 131 | 833 | 0 | 3,579 | 0 | 10,634 | 50,167 | 38,323 | 102,704 |
| 2017 | 42 | 1,532 | 0 | 373 | 0 | 104 | 0 | 1,614 | 293 | 1,261 | 0 | 5,218 | 0 | 8,268 | 47,789 | 33,061 | 94,336 |
| 2018 | 124 | 1,306 | 0 | 688 | 535 | 148 | 0 | 1,949 | 81 | 1,688 | 0 | 6,519 | 0 | 10,703 | 33,738 | 31,516 | 82,477 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 82 | 1,106 | 24 | 509 | 174 | 74 | 3 | 1,554 | 193 | 1,390 | 3 | 5,113 | 8 | 8,625 | 44,729 | 34,161 | 92,627 |
| 3-yr | 138 | 1,173 | 0 | 520 | 178 | 142 | 0 | 1,526 | 168 | 1,261 | 0 | 5,105 | 0 | 9,868 | 43,898 | 34,300 | 93,172 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | 55.0 | 19.3 | -100.0 | 37.6 | 245.2 | 110.5 | -100.0 | 27.1 | -59.3 | 22.9 | -100.0 | 29.4 | -100.0 | 25.7 | -25.5 | -8.1 | -11.5 |
| 3-yr | -10.1 | 11.4 | #DIV/0! | 32.2 | 200.0 | 4.5 | #DIV/0! | 27.7 | -51.9 | 33.9 | #DIV/0! | 27.7 | #DIV/0! | 8.5 | -23.1 | -8.1 | -11.5 |
| 2017 | 195.2 | -14.8 | #DIV/0! | 84.5 | #DIV/0! | 42.3 | #DIV/0! | 20.8 | -72.4 | 33.9 | #DIV/0! | 24.9 | #DIV/0! | 29.5 | -29.4 | -4.7 | -12.6 |

**Total goose harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 5,600 | 113,300 | 6,995 | 99,299 | 14,793 | 10,100 | 1,057 | 81,401 | 22,300 | 84,199 | 2,963 | 442,007 | 8,700 | 1,226,690 | 1,275,870 | 477,612 | 3,430,882 |
| 2000 | 2,000 | 73,800 | 9,725 | 89,100 | 49,472 | 6,300 | 4,597 | 79,900 | 23,501 | 79,501 | 3,187 | 421,082 | 9,413 | 1,380,905 | 1,385,591 | 489,074 | 3,686,064 |
| 2001 | 4,399 | 105,200 | 5,149 | 65,100 | 28,461 | 6,500 | 1,493 | 53,599 | 17,900 | 60,100 | 1,514 | 349,416 | 6,500 | 1,172,269 | 1,292,293 | 769,295 | 3,589,771 |
| 2002 | 2,501 | 95,800 | 4,117 | 44,800 | 20,428 | 6,400 | 2,133 | 66,500 | 20,776 | 57,300 | 529 | 321,282 | 5,599 | 1,033,948 | 1,186,643 | 749,362 | 3,296,837 |
| 2003 | 2,300 | 116,001 | 5,403 | 84,200 | 28,983 | 8,600 | 3,416 | 59,800 | 29,599 | 72,001 | 1,192 | 411,494 | 6,300 | 1,133,984 | 1,528,350 | 694,015 | 3,774,144 |
| 2004 | 2,400 | 130,100 | 3,994 | 62,700 | 18,109 | 5,601 | 4,238 | 70,300 | 21,100 | 73,800 | 2,181 | 394,524 | 6,700 | 866,882 | 1,235,600 | 664,837 | 3,168,542 |
| 2005 | 1,700 | 146,001 | 6,777 | 74,299 | 20,689 | 6,800 | 2,333 | 66,000 | 30,500 | 79,599 | 1,163 | 435,862 | 4,800 | 1,100,782 | 1,275,300 | 810,705 | 3,627,450 |
| 2006 | 3,200 | 143,299 | 4,941 | 77,800 | 26,318 | 6,100 | 787 | 78,800 | 21,100 | 85,500 | 1,737 | 449,581 | 6,300 | 959,016 | 1,444,901 | 695,787 | 3,555,585 |
| 2007 | 2,301 | 169,899 | 4,269 | 40,900 | 33,493 | 5,400 | 4,183 | 96,001 | 19,800 | 78,899 | 1,123 | 456,267 | 5,900 | 933,587 | 1,330,901 | 912,985 | 3,639,640 |
| 2008 | 3,200 | 244,500 | 3,472 | 64,500 | 24,646 | 5,400 | 1,979 | 105,400 | 24,300 | 65,904 | 4,971 | 548,272 | 6,100 | 915,894 | 1,342,900 | 978,898 | 3,792,064 |
| 2009 | 5,301 | 149,399 | 17,025 | 58,300 | 19,012 | 7,900 | 2,822 | 60,901 | 20,300 | 80,700 | 4,082 | 425,739 | 6,700 | 929,622 | 1,163,401 | 1,091,950 | 3,287,949 |
| 2010 | 1,813 | 206,539 | 18,550 | 31,374 | 22,703 | 7,962 | 3,585 | 45,374 | 37,604 | 45,889 | 3,943 | 425,337 | 14,490 | 794,267 | 1,131,401 | 830,782 | 3,188,674 |
| 2011 | 3,662 | 165,983 | 14,742 | 51,023 | 21,899 | 5,458 | 5,944 | 65,407 | 18,277 | 75,398 | 911 | 428,702 | 9,749 | 777,459 | 1,082,525 | 569,010 | 2,857,696 |
| 2012 | 1,633 | 150,959 | 10,756 | 73,853 | 33,429 | 5,699 | 5,919 | 54,932 | 23,506 | 74,574 | 824 | 436,083 | 11,129 | 958,378 | 1,020,719 | 736,950 | 3,159,874 |
| 2013 | 2,684 | 162,151 | 8,391 | 70,316 | 14,662 | 6,177 | 3,874 | 54,554 | 18,750 | 54,998 | 1,792 | 398,347 | 6,488 | 1,042,508 | 1,195,450 | 705,707 | 3,348,502 |
| 2014 | 2,302 | 215,626 | 9,856 | 73,437 | 22,095 | 4,541 | 3,202 | 49,973 | 26,414 | 55,346 | 4,782 | 467,785 | 9,912 | 1,187,870 | 995,174 | 660,316 | 3,313,782 |
| 2015 | 2,431 | 169,107 | 11,287 | 44,096 | 31,559 | 4,477 | 0 | 51,992 | 21,056 | 63,528 | 3,304 | 410,647 | 7,810 | 724,133 | 933,821 | 516,437 | 2,585,033 |
| 2016 | 3,418 | 145,198 | 6,135 | 71,881 | 17,414 | 4,424 | 0 | 56,654 | 23,421 | 67,526 | 618 | 396,688 | 7,795 | 930,019 | 1,178,171 | 739,777 | 3,252,448 |
| 2017 | 1,815 | 237,148 | 9,016 | 67,665 | 20,079 | 4,855 | 918 | 55,805 | 26,979 | 64,846 | 545 | 489,670 | 9,693 | 1,086,788 | 1,349,984 | 660,695 | 3,596,833 |
| 2018 | 1,173 | 198,223 | 7,213 | 42,416 | 14,987 | 2,574 | 1,857 | 81,082 | 17,039 | 118,534 | 1,176 | 486,274 | 10,202 | 704,348 | 843,927 | 425,388 | 2,470,137 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 2,792 | 156,912 | 8,391 | 64,353 | 24,162 | 6,063 | 2,717 | 66,719 | 23,211 | 71,907 | 2,127 | 429,753 | 8,014 | 992,967 | 1,209,646 | 708,979 | 3,331,095 |
| 3-yr | 2,135 | 193,523 | 7,455 | 60,654 | 17,493 | 3,951 | 925 | 64,514 | 22,480 | 83,635 | 780 | 457,544 | 9,230 | 907,052 | 1,124,027 | 608,620 | 3,106,473 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -59.2 | 28.1 | -14.7 | -35.3 | -39.2 | -58.8 | -32.8 | 22.9 | -27.6 | 70.7 | -46.0 | 13.9 | 29.2 | -30.1 | -31.3 | -41.2 | -26.8 |
| 3-yr | -45.1 | 2.4 | -3.2 | -30.1 | -14.3 | -34.9 | 100.8 | 25.7 | -24.2 | 41.7 | 50.8 | 6.3 | 10.5 | -22.3 | -24.9 | -30.1 | -20.5 |
| 2017 | -35.4 | -16.4 | -20.0 | -37.3 | -25.4 | -47.0 | 102.3 | 45.3 | -36.8 | 82.8 | 115.8 | -0.7 | 5.3 | -35.2 | -37.5 | -35.6 | -31.3 |

**Greater White-fronted Goose harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 27,565 | 0 | 358 | 0 | 91 | 0 | 1,082 | 0 | 350 | 0 | 29,446 | 2,677 | 113,735 | 108,649 | 0 | 254,508 |
| 2000 | 0 | 17,562 | 0 | 0 | 382 | 35 | 0 | 4,253 | 0 | 2,683 | 0 | 24,915 | 1,743 | 184,553 | 103,913 | 0 | 315,124 |
| 2001 | 338 | 27,471 | 0 | 0 | 0 | 0 | 0 | 1,047 | 0 | 0 | 0 | 28,857 | 491 | 91,231 | 110,802 | 0 | 231,380 |
| 2002 | 0 | 26,193 | 0 | 327 | 0 | 0 | 0 | 607 | 123 | 424 | 0 | 27,674 | 329 | 85,344 | 107,151 | 0 | 220,499 |
| 2003 | 0 | 24,685 | 0 | 0 | 0 | 0 | 0 | 832 | 191 | 352 | 0 | 26,060 | 93 | 80,017 | 110,611 | 0 | 216,781 |
| 2004 | 0 | 39,924 | 0 | 0 | 0 | 183 | 0 | 1,672 | 0 | 118 | 0 | 41,897 | 2,181 | 52,163 | 86,266 | 0 | 182,507 |
| 2005 | 0 | 42,156 | 0 | 421 | 0 | 0 | 0 | 1,523 | 106 | 691 | 0 | 44,897 | 554 | 113,932 | 92,956 | 87 | 252,426 |
| 2006 | 246 | 52,492 | 0 | 0 | 0 | 40 | 0 | 2,041 | 130 | 351 | 0 | 55,300 | 1,310 | 83,384 | 142,493 | 0 | 282,487 |
| 2007 | 0 | 59,416 | 0 | 146 | 166 | 49 | 0 | 3,787 | 130 | 584 | 0 | 64,278 | 308 | 111,331 | 176,444 | 0 | 352,361 |
| 2008 | 0 | 110,523 | 0 | 262 | 0 | 0 | 0 | 8,346 | 134 | 383 | 0 | 119,649 | 339 | 61,247 | 138,097 | 0 | 319,332 |
| 2009 | 0 | 56,101 | 0 | 0 | 0 | 0 | 0 | 1,924 | 0 | 910 | 0 | 58,935 | 1,811 | 70,840 | 71,451 | 0 | 205,243 |
| 2010 | 0 | 67,810 | 0 | 0 | 0 | 0 | 0 | 3,885 | 0 | 2,031 | 0 | 73,726 | 2,183 | 87,502 | 105,249 | 0 | 268,759 |
| 2011 | 0 | 55,760 | 0 | 0 | 0 | 0 | 0 | 5,314 | 0 | 1,109 | 0 | 62,183 | 0 | 101,001 | 70,836 | 788 | 234,808 |
| 2012 | 0 | 41,842 | 0 | 324 | 0 | 106 | 0 | 1,767 | 0 | 876 | 0 | 44,915 | 281 | 82,060 | 83,245 | 0 | 210,501 |
| 2013 | 75 | 65,071 | 0 | 6,260 | 0 | 0 | 0 | 2,890 | 0 | 516 | 0 | 74,811 | 621 | 58,343 | 122,469 | 124 | 256,369 |
| 2014 | 0 | 74,976 | 0 | 2,098 | 0 | 99 | 0 | 5,692 | 0 | 1,097 | 0 | 83,962 | 113 | 144,672 | 110,410 | 94 | 339,251 |
| 2015 | 0 | 62,484 | 0 | 994 | 0 | 0 | 0 | 4,057 | 0 | 573 | 0 | 68,220 | 112 | 50,713 | 108,720 | 0 | 227,652 |
| 2016 | 0 | 34,885 | 0 | 551 | 0 | 44 | 0 | 6,271 | 0 | 1,044 | 0 | 42,795 | 0 | 75,078 | 196,416 | 0 | 314,288 |
| 2017 | 0 | 64,098 | 0 | 551 | 0 | 55 | 0 | 4,727 | 0 | 218 | 0 | 69,648 | 724 | 60,034 | 181,084 | 726 | 312,217 |
| 2018 | 51 | 57,589 | 0 | 0 | 0 | 0 | 0 | 5,855 | 0 | 2,121 | 0 | 65,616 | 1,819 | 43,790 | 110,739 | 37 | 222,000 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 36 | 50,430 | 0 | 615 | 27 | 35 | 0 | 3,379 | 41 | 822 | 0 | 55,389 | 884 | 87,548 | 116,900 | 93 | 260,925 |
| 3-yr | 17 | 52,191 | 0 | 367 | 0 | 33 | 0 | 5,618 | 0 | 1,128 | 0 | 59,353 | 848 | 59,634 | 162,746 | 254 | 282,835 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | 47.0 | 15.1 | #DIV/0! | -100.0 | -100.0 | -100.0 | #DIV/0! | 80.3 | -100.0 | 181.6 | #DIV/0! | 19.6 | 117.8 | -51.3 | -5.5 | -61.4 | -15.6 |
| 3-yr | 200.0 | 10.3 | #DIV/0! | -100.0 | #DIV/0! | -100.0 | #DIV/0! | 4.2 | #DIV/0! | 88.1 | #DIV/0! | 10.6 | 114.6 | -26.6 | -32.0 | -85.5 | -21.5 |
| 2017 | #DIV/0! | -10.2 | #DIV/0! | -100.0 | #DIV/0! | -100.0 | #DIV/0! | 23.9 | #DIV/0! | 872.9 | #DIV/0! | -5.8 | 151.2 | -27.1 | -38.8 | -94.9 | -28.9 |

**Lesser Snow Goose (white and blue phase) harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 243 | 41,145 | 0 | 717 | 1,770 | 182 | 0 | 4,462 | 180 | 2,686 | 60 | 51,445 | 167 | 471,697 | 317,268 | 54,710 | 895,289 |
| 2000 | 323 | 26,344 | 0 | 0 | 2,101 | 105 | 0 | 7,899 | 118 | 1,463 | 0 | 38,352 | 87 | 385,950 | 236,451 | 72,256 | 733,097 |
| 2001 | 0 | 33,860 | 0 | 404 | 637 | 337 | 0 | 6,283 | 90 | 3,574 | 0 | 45,185 | 0 | 346,335 | 304,793 | 77,158 | 773,470 |
| 2002 | 221 | 25,180 | 0 | 218 | 933 | 107 | 0 | 7,810 | 0 | 6,730 | 0 | 41,199 | 329 | 287,793 | 188,949 | 39,375 | 557,645 |
| 2003 | 300 | 33,037 | 0 | 451 | 582 | 315 | 0 | 5,186 | 95 | 2,641 | 0 | 42,607 | 0 | 247,983 | 286,279 | 36,105 | 612,973 |
| 2004 | 1,200 | 35,355 | 0 | 124 | 1,188 | 183 | 0 | 945 | 80 | 1,535 | 0 | 40,611 | 0 | 216,202 | 192,256 | 31,548 | 480,617 |
| 2005 | 204 | 46,934 | 0 | 140 | 2,478 | 386 | 0 | 2,877 | 0 | 10,713 | 0 | 63,733 | 46 | 304,041 | 248,951 | 36,103 | 652,874 |
| 2006 | 492 | 43,551 | 0 | 122 | 2,089 | 79 | 0 | 11,160 | 651 | 13,334 | 0 | 71,479 | 0 | 255,994 | 213,274 | 33,256 | 574,003 |
| 2007 | 288 | 52,038 | 0 | 0 | 3,648 | 243 | 0 | 9,021 | 0 | 22,501 | 0 | 87,738 | 0 | 275,310 | 148,944 | 50,742 | 562,735 |
| 2008 | 300 | 70,946 | 0 | 0 | 1,385 | 90 | 0 | 3,231 | 403 | 10,920 | 0 | 87,274 | 0 | 240,597 | 168,482 | 58,752 | 555,105 |
| 2009 | 408 | 30,693 | 0 | 1,247 | 988 | 1,693 | 0 | 4,218 | 292 | 14,102 | 0 | 53,640 | 0 | 156,071 | 109,213 | 109,213 | 341,540 |
| 2010 | 859 | 54,548 | 0 | 1,221 | 1,382 | 1,652 | 0 | 2,220 | 866 | 2,285 | 0 | 65,034 | 0 | 153,759 | 82,935 | 18,293 | 320,021 |
| 2011 | 0 | 43,718 | 0 | 600 | 3,080 | 700 | 0 | 4,088 | 366 | 11,563 | 0 | 64,115 | 0 | 169,145 | 122,573 | 37,592 | 393,423 |
| 2012 | 0 | 45,261 | 0 | 648 | 7,835 | 211 | 0 | 4,487 | 210 | 11,562 | 0 | 70,214 | 0 | 170,381 | 103,208 | 41,251 | 385,055 |
| 2013 | 373 | 38,747 | 0 | 1,252 | 555 | 0 | 0 | 2,409 | 647 | 4,383 | 0 | 48,365 | 0 | 168,372 | 133,355 | 30,482 | 380,575 |
| 2014 | 0 | 66,492 | 0 | 2,308 | 831 | 99 | 0 | 1,547 | 0 | 4,297 | 0 | 75,573 | 0 | 209,357 | 86,602 | 21,684 | 393,217 |
| 2015 | 0 | 51,947 | 0 | 1,491 | 4,983 | 52 | 0 | 2,029 | 143 | 4,471 | 0 | 65,116 | 0 | 129,554 | 90,395 | 21,789 | 306,852 |
| 2016 | 911 | 57,270 | 0 | 315 | 258 | 221 | 0 | 9,406 | 0 | 11,486 | 0 | 79,867 | 0 | 194,850 | 120,440 | 25,560 | 420,717 |
| 2017 | 191 | 91,867 | 0 | 689 | 566 | 109 | 21 | 4,464 | 1,867 | 16,327 | 0 | 116,102 | 0 | 228,385 | 134,344 | 16,611 | 495,443 |
| 2018 | 204 | 48,059 | 0 | 367 | 219 | 99 | 0 | 4,967 | 1,606 | 44,049 | 0 | 99,570 | 0 | 84,251 | 54,342 | 6,965 | 245,128 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 326 | 46,850 | 0 | 616 | 1,875 | 343 | 1 | 4,935 | 381 | 10,031 | 3 | 65,361 | 31 | 234,801 | 167,153 | 40,972 | 503,989 |
| 3-yr | 435 | 65,732 | 0 | 457 | 348 | 143 | 7 | 6,279 | 1,158 | 23,954 | 0 | 98,513 | 0 | 169,162 | 103,042 | 16,379 | 387,096 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -38.6 | 2.7 | #DIV/0! | -41.6 | -88.8 | -72.2 | -100.0 | 0.7 | 407.9 | 434.5 | -100.0 | 56.7 | -100.0 | -65.3 | -68.6 | -83.7 | -52.6 |
| 3-yr | -53.1 | -26.9 | #DIV/0! | -19.7 | -37.0 | -30.8 | -100.0 | -20.9 | 38.7 | 83.9 | #DIV/0! | 1.1 | #DIV/0! | -50.2 | -47.3 | -57.5 | -36.7 |
| 2017 | 6.8 | -47.7 | #DIV/0! | -46.7 | -61.3 | -9.2 | -100.0 | 11.3 | -14.0 | 169.8 | #DIV/0! | -14.2 | #DIV/0! | -63.1 | -59.6 | -58.1 | -50.5 |

**Ross's Goose harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 0 | 26,957 | 0 | 358 | 506 | 91 | 0 | 406 | 0 | 0 | 0 | 28,318 | 0 | 64,023 | 10,919 | 0 | 103,260 |
| 2000 | 258 | 5,605 | 0 | 0 | 764 | 105 | 0 | 0 | 118 | 0 | 0 | 6,850 | 0 | 44,523 | 8,298 | 0 | 59,670 |
| 2001 | 338 | 13,203 | 0 | 101 | 319 | 215 | 0 | 0 | 0 | 0 | 0 | 14,176 | 0 | 68,469 | 23,826 | 0 | 106,471 |
| 2002 | 221 | 13,024 | 0 | 0 | 187 | 0 | 0 | 0 | 0 | 61 | 0 | 13,492 | 66 | 49,881 | 20,179 | 0 | 83,618 |
| 2003 | 50 | 16,333 | 0 | 0 | 65 | 105 | 0 | 256 | 95 | 0 | 0 | 16,904 | 0 | 44,329 | 27,580 | 0 | 88,814 |
| 2004 | 0 | 10,329 | 0 | 249 | 340 | 0 | 0 | 73 | 80 | 0 | 0 | 11,070 | 0 | 46,047 | 4,958 | 0 | 62,075 |
| 2005 | 136 | 7,729 | 0 | 0 | 162 | 0 | 0 | 0 | 0 | 0 | 0 | 8,026 | 0 | 53,457 | 4,936 | 0 | 66,420 |
| 2006 | 0 | 5,875 | 0 | 0 | 167 | 79 | 0 | 272 | 0 | 234 | 0 | 6,627 | 0 | 36,238 | 10,484 | 82 | 53,431 |
| 2007 | 144 | 7,961 | 0 | 0 | 580 | 0 | 0 | 0 | 0 | 97 | 0 | 8,782 | 0 | 29,233 | 8,836 | 1,500 | 48,351 |
| 2008 | 0 | 13,779 | 0 | 131 | 646 | 180 | 0 | 404 | 134 | 0 | 0 | 15,274 | 339 | 42,379 | 14,625 | 170 | 72,787 |
| 2009 | 408 | 8,740 | 0 | 0 | 0 | 376 | 0 | 222 | 0 | 182 | 0 | 9,928 | 0 | 22,220 | 6,842 | 6,842 | 35,494 |
| 2010 | 286 | 14,974 | 0 | 122 | 395 | 451 | 0 | 0 | 520 | 127 | 0 | 16,875 | 0 | 23,601 | 4,608 | 0 | 45,084 |
| 2011 | 0 | 14,635 | 0 | 0 | 342 | 280 | 0 | 0 | 183 | 475 | 0 | 15,915 | 0 | 32,211 | 4,821 | 0 | 52,947 |
| 2012 | 233 | 14,886 | 0 | 324 | 174 | 106 | 0 | 0 | 0 | 350 | 3 | 16,073 | 0 | 29,472 | 872 | 0 | 54,265 |
| 2013 | 149 | 13,310 | 0 | 0 | 444 | 0 | 0 | 602 | 485 | 1,031 | 0 | 16,022 | 0 | 30,489 | 6,258 | 0 | 52,769 |
| 2014 | 159 | 18,343 | 0 | 0 | 166 | 0 | 0 | 276 | 175 | 457 | 0 | 19,576 | 0 | 55,134 | 16,694 | 53 | 91,457 |
| 2015 | 122 | 12,007 | 0 | 0 | 906 | 0 | 0 | 150 | 0 | 1,146 | 0 | 14,331 | 0 | 12,887 | 3,142 | 0 | 30,359 |
| 2016 | 684 | 6,977 | 0 | 0 | 129 | 0 | 0 | 314 | 0 | 522 | 0 | 8,625 | 0 | 30,326 | 14,531 | 0 | 53,482 |
| 2017 | 0 | 25,107 | 164 | 413 | 0 | 55 | 0 | 394 | 934 | 1,197 | 0 | 28,263 | 0 | 46,841 | 25,147 | 254 | 100,506 |
| 2018 | 102 | 8,922 | 0 | 0 | 0 | 0 | 0 | 887 | 268 | 2,773 | 0 | 12,952 | 0 | 15,235 | 3,812 | 0 | 31,999 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 165 | 12,935 | 8 | 85 | 315 | 102 | 0 | 213 | 150 | 433 | 0 | 14,404 | 20 | 38,850 | 11,068 | 445 | 64,663 |
| 3-yr | 262 | 13,669 | 55 | 138 | 43 | 18 | 0 | 532 | 401 | 1,497 | 0 | 16,613 | 0 | 30,801 | 14,497 | 85 | 61,996 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -39.2 | -32.1 | -100.0 | -100.0 | -100.0 | -100.0 | #DIV/0! | 400.2 | 86.9 | 796.2 | -100.0 | -10.6 | -100.0 | -62.0 | -66.7 | -100.0 | -51.8 |
| 3-yr | -61.1 | -34.7 | -100.0 | -100.0 | -100.0 | -100.0 | #DIV/0! | 66.8 | -33.1 | 85.2 | #DIV/0! | -22.0 | #DIV/0! | -50.5 | -73.7 | -100.0 | -48.4 |
| 2017 | #DIV/0! | -64.5 | -100.0 | -100.0 | #DIV/0! | -100.0 | #DIV/0! | 125.1 | -71.3 | 131.7 | #DIV/0! | -54.2 | #DIV/0! | -67.5 | -84.8 | -100.0 | -68.2 |

**Canada Goose harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | CO | ID | MT | NV | NM | OR | UT | WA | WY | PF | AK | CF | MF | AF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 5,357 | 17,633 | 6,995 | 97,866 | 12,517 | 9,736 | 1,057 | 75,451 | 22,120 | 81,163 | 2,903 | 332,798 | 5,856 | 577,235 | 839,034 | 422,902 | 2,177,825 |
| 2000 | 1,419 | 24,289 | 9,725 | 89,100 | 46,225 | 6,055 | 4,597 | 67,748 | 23,265 | 75,355 | 3,187 | 350,965 | 7,583 | 765,879 | 1,036,929 | 416,818 | 2,578,173 |
| 2001 | 3,723 | 30,666 | 5,149 | 64,595 | 27,505 | 5,948 | 1,493 | 46,269 | 17,810 | 56,526 | 1,514 | 261,198 | 6,009 | 666,234 | 852,872 | 692,137 | 2,478,450 |
| 2002 | 2,059 | 31,403 | 4,117 | 44,255 | 19,308 | 6,293 | 2,133 | 58,083 | 20,653 | 50,085 | 529 | 238,917 | 4,875 | 610,930 | 870,364 | 709,987 | 2,435,075 |
| 2003 | 1,950 | 41,946 | 5,403 | 83,749 | 28,336 | 8,180 | 3,416 | 53,526 | 29,218 | 69,008 | 1,192 | 325,923 | 6,207 | 761,655 | 1,103,880 | 657,910 | 2,855,576 |
| 2004 | 1,200 | 44,492 | 3,994 | 62,327 | 16,581 | 5,235 | 4,238 | 67,610 | 20,940 | 72,147 | 2,181 | 300,946 | 4,519 | 552,470 | 952,120 | 633,289 | 2,443,343 |
| 2005 | 1,360 | 49,182 | 6,777 | 73,738 | 18,049 | 6,414 | 2,333 | 61,600 | 30,394 | 68,195 | 1,163 | 319,206 | 4,200 | 629,352 | 928,457 | 774,515 | 2,655,730 |
| 2006 | 2,462 | 41,381 | 4,941 | 77,678 | 24,062 | 5,902 | 787 | 65,327 | 20,319 | 71,581 | 1,737 | 316,175 | 4,990 | 583,400 | 1,078,650 | 662,449 | 2,645,664 |
| 2007 | 1,869 | 50,484 | 4,269 | 40,754 | 29,099 | 5,108 | 4,183 | 83,193 | 19,670 | 55,717 | 1,123 | 295,469 | 5,592 | 517,713 | 996,677 | 860,743 | 2,676,193 |
| 2008 | 2,900 | 49,252 | 3,472 | 64,107 | 22,615 | 5,130 | 1,979 | 93,419 | 23,629 | 54,601 | 4,971 | 326,075 | 5,422 | 571,671 | 1,021,696 | 919,976 | 2,844,840 |
| 2009 | 4,485 | 53,865 | 17,025 | 57,053 | 18,024 | 5,831 | 2,822 | 54,537 | 20,008 | 65,506 | 4,082 | 303,236 | 4,889 | 680,491 | 975,895 | 975,895 | 2,705,672 |
| 2010 | 668 | 68,666 | 18,550 | 30,031 | 20,926 | 5,859 | 3,585 | 39,057 | 36,218 | 41,446 | 3,943 | 268,949 | 10,189 | 529,406 | 938,412 | 794,165 | 2,533,204 |
| 2011 | 3,662 | 51,870 | 14,742 | 50,423 | 18,477 | 4,478 | 5,944 | 56,005 | 17,728 | 62,093 | 911 | 286,331 | 9,749 | 474,903 | 883,440 | 530,630 | 2,185,053 |
| 2012 | 1,400 | 47,877 | 10,756 | 72,557 | 25,420 | 5,276 | 5,919 | 48,401 | 23,296 | 61,491 | 824 | 303,217 | 9,126 | 676,465 | 825,546 | 695,699 | 2,510,053 |
| 2013 | 2,087 | 44,071 | 8,391 | 62,595 | 13,663 | 6,177 | 3,874 | 48,653 | 17,618 | 48,301 | 1,792 | 257,221 | 5,142 | 785,304 | 933,368 | 675,031 | 2,656,066 |
| 2014 | 2,143 | 52,735 | 9,856 | 69,031 | 21,098 | 4,343 | 3,202 | 42,441 | 26,239 | 49,458 | 4,782 | 285,330 | 7,365 | 778,707 | 781,274 | 630,777 | 2,483,453 |
| 2015 | 2,309 | 40,431 | 11,287 | 41,611 | 25,670 | 4,425 | 0 | 45,756 | 20,913 | 57,089 | 3,304 | 258,053 | 5,258 | 530,979 | 731,564 | 488,582 | 2,009,178 |
| 2016 | 1,823 | 41,280 | 6,135 | 71,015 | 17,027 | 4,159 | 0 | 40,448 | 23,421 | 53,253 | 618 | 259,179 | 5,920 | 628,849 | 846,784 | 714,089 | 2,454,821 |
| 2017 | 1,624 | 52,876 | 8,852 | 66,012 | 19,513 | 4,636 | 897 | 46,220 | 24,178 | 46,804 | 545 | 272,157 | 5,069 | 751,528 | 1,009,409 | 625,704 | 2,663,867 |
| 2018 | 816 | 83,139 | 7,213 | 42,049 | 14,768 | 2,475 | 1,857 | 69,373 | 15,165 | 68,195 | 1,176 | 306,226 | 5,002 | 561,072 | 675,034 | 418,386 | 1,965,719 |
| Averages: | | | | | | | | | | | | | | | | | |
| Long Term | 2,266 | 45,877 | 8,382 | 63,027 | 21,944 | 5,583 | 2,716 | 58,156 | 22,640 | 60,401 | 2,124 | 293,379 | 6,148 | 631,712 | 914,070 | 664,984 | 2,497,898 |
| 3-yr | 1,421 | 59,098 | 7,400 | 59,692 | 17,103 | 3,757 | 918 | 52,014 | 20,921 | 56,084 | 780 | 279,187 | 5,330 | 647,150 | 843,742 | 586,060 | 2,361,469 |
| % Change from: | | | | | | | | | | | | | | | | | |
| Long Term | -65.2 | 89.3 | -14.6 | -34.4 | -33.8 | -56.9 | -32.7 | 20.5 | -34.2 | 13.7 | -45.9 | 4.6 | -19.4 | -11.7 | -27.2 | -38.3 | -22.2 |
| 3-yr | -42.6 | 40.7 | -2.5 | -29.6 | -13.7 | -34.1 | 102.3 | 33.4 | -27.5 | 21.6 | 50.8 | 9.7 | -6.2 | -13.3 | -20.0 | -28.6 | -16.8 |
| 2017 | -49.8 | 57.2 | -18.5 | -36.3 | -24.3 | -46.6 | 107.0 | 50.1 | -37.3 | 45.7 | 115.8 | 12.5 | -1.3 | -25.3 | -33.1 | -33.1 | -26.2 |

**Pacific Brant harvest by State and Flyway from the Harvest Information Program, 1999–current.**

| | CA | | OR | | WA | | PF | | AK | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Est. | 95% C.I. | Est. | 95% C.I. | Est. | 95% C.I. | Est. | 95% C.I. | Est. | 95% C.I. | Est. |
| 1999 | 2,400 | ±116% | 100 | ±140% | 800 | ±79% | 3,200 | ±87% | 1,400 | ±99% | 4,600 |
| 2000 | 2,700 | ±111% | 100 | ±194% | 200 | ±124% | 3,000 | ±101% | 300 | ±51% | 3,300 |
| 2001 | 700 | ±107% | <50 | ±188% | 1,100 | ±109% | 1,800 | ±77% | 500 | ±49% | 2,300 |
| 2002 | 900 | ±99% | 0 | | 100 | ±194% | 900 | ±94% | 400 | ±32% | 1,300 |
| 2003 | 2,300 | ±115% | <50 | ±190% | 1,500 | ±92% | 3,800 | ±78% | 600 | ±35% | 4,400 |
| 2004 | 800 | ±81% | 0 | | 500 | ±108% | 1,300 | ±65% | 600 | ±41% | 1,900 |
| 2005 | 900 | ±74% | 0 | | 1,100 | ±62% | 2,000 | ±48% | 700 | ±65% | 2,700 |
| 2006 | 2,900 | ±64% | <50 | ±109% | 900 | ±122% | 3,800 | ±57% | 1,200 | ±73% | 5,000 |
| 2007 | 1,800 | ±88% | <50 | ±194% | 100 | ±195% | 1,900 | ±82% | 900 | ±47% | 2,800 |
| 2008 | 1,000 | ±36% | <50 | ±112% | 0 | | 1,000 | ±36% | 1,700 | ±46% | 2,700 |
| 2009 | 900 | ±37% | 100 | ±76% | 1,100 | ±195% | 2,100 | ±41% | 1,100 | ±36% | 3,200 |
| 2010 | 500 | ±37% | 200 | ±145% | 0 | | 800 | ±49% | 2,100 | ±41% | 2,900 |
| 2011 | 700 | ±50% | <50 | ±110% | 300 | ±101% | 1,000 | ±44% | 600 | ±65% | 1,600 |
| 2012 | 900 | ±31% | <50 | ±196% | 300 | ±79% | 1,200 | ±30% | 1,700 | ±45% | 2,900 |
| 2013 | 1,000 | ±48% | 0 | | 800 | ±85% | 1,700 | ±46% | 700 | ±55% | 2,400 |
| 2014 | 2,200 | ±50% | <50 | ±154% | <50 | ±109% | 2,200 | ±50% | 2,400 | ±42% | 4,600 |
| 2015 | 1,500 | ±84% | 0 | | 200 | ±80% | 1,800 | ±73% | 2,400 | ±72% | 4,200 |
| 2016 | 4,800 | ±79% | 200 | ±196% | 1,200 | ±104% | 6,200 | ±64% | 1,900 | ±48% | 8,100 |
| 2017 | 3,200 | ±73% | 0 | | 300 | ±62% | 3,500 | ±66% | 3,900 | ±64% | 7,400 |
| 2018 | 500 | ±60% | 0 | | 1,200 | ±55% | 1,700 | ±43% | 3,400 | ±51% | 5,100 |
| Averages: | | | | | | | | | | | |
| Long Term | 1,630 | | 58 | | 616 | | 2,245 | | 1,425 | | 3,670 |
| 3-yr | 2,833 | | 67 | | 900 | | 3,800 | | 3,067 | | 6,867 |
| % Change from: | | | | | | | | | | | |
| Long Term | -70.4 | | -100.0 | | 105.7 | | -25.2 | | 157.4 | | 41.9 |
| 3-yr | -82.4 | | -100.0 | | 33.3 | | -55.3 | | 10.9 | | -25.7 |
| 2016 | -84.4 | | ##### | | 300.0 | | -51.4 | | -12.8 | | -31.1 |

**Tundra Swan and Trumpeter Swan harvest and reporting statistics in the Pacific Flyway, 1994–current.**

| | Swan Harvest Estimate (expanded) | | | Swans Examined | | | Examination Rate[a] | | | Trumpeter Swans Detected[b] | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Utah | Nevada | Montana | Utah | Nevada | Montana | Utah | Nevada | Montana | Utah | Nevada | Montana |
| 1994 | 682 | 88 | 326 | 474 | 79 | 219 | 0.695 | 0.898 | 0.672 | 0 | 0 | 1 |
| 1995 | 1,578 | 72 | 182 | 348 | 69 | 110 | 0.510 | 0.958 | 0.604 | 3 | 0 | 3 |
| 1996 | 1,371 | 119 | 302 | 897 | 112 | 181 | 0.568 | 0.941 | 0.599 | 7 | 1 | 3 |
| 1997 | 2,040 | 131 | 300 | 704 | 118 | 217 | 0.513 | 0.903 | 0.723 | 3 | 0 | 1 |
| 1998 | 1,564 | 185 | 276 | 1,142 | 164 | 168 | 0.560 | 0.886 | 0.609 | 1 | 0 | 3 |
| 1999 | 666 | 212 | 226 | 858 | 193 | 153 | 0.548 | 0.909 | 0.677 | 0 | 0 | 7 |
| 2000 | 271 | 78 | 217 | 550 | 71 | 203 | 0.825 | 0.913 | 0.935 | 1 | 0 | 3 |
| 2001 | 548 | 62 | 289 | 249 | 58 | 244 | 0.920 | 0.929 | 0.844 | 0 | 0 | 0 |
| 2002 | 795 | 45 | 167 | 480 | 40 | 141 | 0.875 | 0.886 | 0.846 | 2 | 0 | 3 |
| 2003 | 657 | 78 | 119 | 761 | 71 | 92 | 0.957 | 0.909 | 0.774 | 2 | 0 | 3 |
| 2004 | 899 | 83 | 254 | 612 | 77 | 203 | 0.931 | 0.927 | 0.799 | 2 | 0 | 6 |
| 2005 | 904 | 100 | 284 | 779 | 92 | 231 | 0.867 | 0.919 | 0.812 | 1 | 0 | 14 |
| 2006 | 884 | 155 | 169 | 814 | 147 | 135 | 0.901 | 0.950 | 0.798 | 2 | 1 | 7 |
| 2007 | 731 | 217 | 306 | 780 | 200 | 245 | 0.882 | 0.922 | 0.802 | 0 | 0 | 8 |
| 2008 | 812 | 136 | 199 | 651 | 124 | 175 | 0.891 | 0.910 | 0.878 | 1 | 0 | 1 |
| 2009 | 725 | 56 | 292 | 788 | 50 | 243 | 0.970 | 0.888 | 0.832 | 2 | 0 | 9 |
| 2010 | 695 | 118 | 209 | 699 | 113 | 173 | 0.965 | 0.957 | 0.826 | 0 | 0 | 10 |
| 2011 | 929 | 145 | 247 | 669 | 136 | 206 | 0.963 | 0.937 | 0.833 | 3 | 4 | 12 |
| 2012 | 376 | 203 | 294 | 873 | 194 | 235 | 0.940 | 0.957 | 0.799 | 2 | 0 | 30 |
| 2013 | 768 | 26 | 239 | 360 | 24 | 193 | 0.958 | 0.934 | 0.807 | 5 | 0 | 17 |
| 2014 | 903 | 26 | 167 | 726 | 24 | 143 | 0.945 | 0.932 | 0.854 | 2 | 0 | 12 |
| 2015 | 812 | 8 | 264 | 853 | 8 | 229 | 0.945 | 0.943 | 0.867 | 4 | 0 | 14 |
| 2016 | 833 | 133 | 222 | 764 | 121 | 187 | 0.941 | 0.911 | 0.841 | 4 | 2 | 17 |
| 2017 | 833 | 127 | 112 | 783 | 119 | 96 | 0.941 | 0.936 | 0.854 | 4 | 5 | 5 |
| 2018 | 947 | 236 | 121 | 896 | 212 | 92 | 0.946 | 0.898 | 0.760 | 5 | 0 | 11 |
| Averages: | | | | | | | | | | | | |
| Long Term | 888.9 | 113.6 | 231.3 | 700.4 | 104.6 | 180.6 | 0.838 | 0.922 | 0.786 | 2.2 | 0.5 | 8.0 |
| 3-yr | 871.0 | 165.3 | 151.7 | 814.3 | 150.7 | 125.0 | 0.943 | 0.915 | 0.818 | 4.3 | 2.3 | 11.0 |
| % Change from: | | | | | | | | | | | | |
| Long Term | 6.8 | 117.6 | -48.7 | 29.4 | 111.6 | -50.1 | 13.5 | -2.7 | -3.4 | 135.3 | -100.0 | 39.7 |
| 3-yr | 8.7 | 42.7 | -20.2 | 10.0 | 40.7 | -26.4 | 0.4 | -1.9 | -7.1 | 15.4 | -100.0 | 0.0 |
| 2017 | 13.7 | 85.8 | 8.0 | 14.4 | 78.2 | -4.2 | 0.5 | -4.1 | -11.0 | 25.0 | -100.0 | 120.0 |

[a]Examination Rate = Swans examined/Swan harvest estimate.

[b]Trumpeter Swans Detected: Adult without yellow lore and posterior nare to bill tip ≥62mm, Juvenile without yellow lore and posterior nare to bill tip ≤61mm.

**American Coot harvest[a] by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | ID | MT | NV | OR | UT | WA | PF | AF | MF | CF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 300 | 12,500 | 0 | 200 | 1,200 | 0 | 3,000 | 20,800 | 37,800 | 21,900 | 147,300 | 28,900 | 236,000 |
| 2000 | 4,500 | 46,400 | 100 | 50 | 1,200 | 0 | 300 | 1,400 | 54,000 | 13,700 | 230,000 | 37,400 | 335,000 |
| 2001 | 400 | 30,900 | 400 | 50 | 1,300 | 10,700 | 2,300 | 8,600 | 54,600 | 12,400 | 214,400 | 3,000 | 284,400 |
| 2002 | 100 | 6,400 | 3,900 | 2,400 | 200 | 800 | 1,300 | 1,200 | 16,200 | 6,700 | 179,000 | 3,500 | 205,400 |
| 2003 | 0 | 3,000 | 4,700 | 0 | 200 | 5,500 | 0 | 700 | 14,000 | 12,800 | 54,800 | 6,400 | 88,000 |
| 2004 | 200 | 7,700 | 800 | 800 | 200 | 600 | 8,200 | 4,100 | 22,700 | 13,100 | 125,600 | 19,900 | 181,300 |
| 2005 | 50 | 9,000 | 2,500 | 600 | 1,600 | 1,500 | 5,200 | 2,300 | 22,700 | 32,600 | 110,600 | 15,400 | 181,300 |
| 2006 | 3,300 | 18,000 | 2,600 | 1,300 | 100 | 1,100 | 8,300 | 4,600 | 39,300 | 37,800 | 115,100 | 6,900 | 199,100 |
| 2007 | 200 | 18,700 | 2,300 | 5,500 | 200 | 200 | 8,300 | 7,200 | 42,500 | 16,700 | 115,300 | 23,800 | 198,300 |
| 2008 | 0 | 10,700 | 1,200 | 100 | 2,000 | 3,300 | 9,900 | 9,400 | 36,700 | 21,300 | 207,900 | 9,900 | 275,900 |
| 2009 | 400 | 24,600 | 1,000 | 100 | 700 | 2,100 | 3,000 | 3,600 | 35,600 | 24,800 | 142,800 | 15,800 | 219,000 |
| 2010 | 0 | 28,000 | 1,300 | 50 | 900 | 700 | 13,600 | 500 | 45,100 | 29,600 | 205,600 | 22,400 | 302,600 |
| 2011 | 100 | 50,000 | 0 | 1,300 | 600 | 6,500 | 14,800 | 10,900 | 84,100 | 66,400 | 244,500 | 21,700 | 416,600 |
| 2012 | 50 | 12,700 | 4,400 | 100 | 900 | 1,600 | 7,800 | 4,900 | 32,500 | 12,800 | 150,500 | 12,900 | 208,700 |
| 2013 | 300 | 13,200 | 6,100 | 100 | 700 | 800 | 6,400 | 3,700 | 31,300 | 23,600 | 186,500 | 13,500 | 254,900 |
| 2014 | 1300 | 11,100 | 1,700 | 300 | 3300 | 7,500 | 23,300 | 4,600 | 53,100 | 57,200 | 172,300 | 11,500 | 294,100 |
| 2015 | 50 | 14,800 | 200 | 300 | 900 | 1,600 | 7,400 | 6,100 | 31,300 | 8,000 | 85,100 | 128,700 | 253,200 |
| 2016 | 900 | 8,900 | 0 | 1600 | 1500 | 900 | 8,900 | 600 | 23,200 | 43,100 | 59,600 | 12,200 | 138,200 |
| 2017 | 0 | 10,300 | 700 | 500 | 1800 | 0 | 3,300 | 1,800 | 18,400 | 16,700 | 76,000 | 6,000 | 117,100 |
| 2018 | 0 | 34,900 | 0 | 50 | 0 | 0 | 12,000 | 300 | 47,300 | 11,600 | 21,900 | 2,800 | 83,600 |
| Averages: | | | | | | | | | | | | | |
| Long Term | 608 | 18,590 | 1,695 | 770 | 975 | 2,270 | 7,365 | 4,865 | 37,120 | 24,140 | 142,240 | 20,130 | 223,635 |
| 3-yr | 300 | 18,033 | 233 | 717 | 1,100 | 300 | 8,067 | 900 | 29,633 | 23,800 | 52,500 | 7,000 | 112,967 |
| % Change from: | | | | | | | | | | | | | |
| Long Term | -100.0 | 96.8 | -100.0 | -93.8 | -100.0 | -100.0 | 68.5 | -94.1 | 29.3 | -53.2 | -85.3 | -86.7 | -63.8 |
| 3-yr | -100.0 | 93.5 | -100.0 | -93.0 | -100.0 | -100.0 | 48.8 | -66.7 | 59.6 | -51.3 | -58.3 | -60.0 | -26.0 |
| 2017 | #DIV/0! | 238.8 | -100.0 | -90.0 | -100.0 | #DIV/0! | 263.6 | -83.3 | 157.1 | -30.5 | -71.2 | -53.3 | -28.6 |

[a]Some estimates have been rounded to the nearest 100. Estimates will be 50 in cases where the estimate is lower than 50.

**Gallinule harvest[a] by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | ID | MT | NV | PF | AF | MF | CF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 100 | 900 | 0 | 200 | 0 | 1,100 | 1,400 | 29,300 | 700 | 32,600 |
| 2000 | 0 | 1,000 | 0 | 1,500 | 0 | 2,500 | 100 | 18,200 | 0 | 20,900 |
| 2001 | 0 | 200 | 0 | 400 | 0 | 600 | 3,600 | 7,000 | 50 | 11,200 |
| 2002 | 0 | 100 | 500 | 0 | 0 | 600 | 5,200 | 7,500 | 400 | 13,700 |
| 2003 | 0 | 0 | 0 | 0 | 0 | 0 | 800 | 27,900 | 50 | 28,700 |
| 2004 | 0 | 1,700 | 0 | 0 | 0 | 1,700 | 100 | 31,400 | 700 | 33,900 |
| 2005 | 0 | 2,200 | 0 | 0 | 0 | 2,200 | 2,600 | 25,700 | 50 | 30,600 |
| 2006 | 0 | 0 | 0 | 0 | 0 | 0 | 1,800 | 11,800 | 0 | 13,700 |
| 2007 | 0 | 4,000 | 0 | 0 | 0 | 4,000 | 200 | 300 | 50 | 4,500 |
| 2008 | 0 | 6,700 | 0 | 0 | 0 | 6,700 | 3,000 | 3,500 | 100 | 13,200 |
| 2009 | 50 | 2,700 | 0 | 0 | 0 | 2,700 | 1,000 | 3,700 | 0 | 7,400 |
| 2010 | 0 | 6,000 | 0 | 1,000 | 50 | 7,000 | 1,100 | 3,200 | 2,300 | 13,700 |
| 2011 | 0 | 4,300 | 0 | 0 | 0 | 4,300 | 700 | 2,400 | 100 | 7,600 |
| 2012 | 0 | 3,500 | -- | -- | 100 | 5,200 | 600 | 14,300 | 2,800 | 22,900 |
| 2013 | 0 | 200 | -- | -- | 100 | 300 | 2,800 | 15,400 | 2,800 | 21,300 |
| 2014 | 200 | 50 | -- | -- | 0 | 200 | 3,500 | 1,500 | 50 | 5,200 |
| 2015 | 0 | 4,300 | 0 | 0 | 50 | 4,300 | 1,900 | 2,800 | 0 | 8,900 |
| 2016 | 0 | 200 | 0 | 0 | 0 | 200 | 9,700 | 0 | 0 | 10,000 |
| 2017 | 0 | 400 | 0 | 0 | 50 | 400 | 500 | 6,500 | 5,300 | 12,600 |
| 2018 | 0 | 600 | 0 | 0 | 0 | 600 | 1,800 | 0 | 0 | 2,400 |
| Averages: | | | | | | | | | | |
| Long Term | 18 | 1,953 | 29 | 182 | 18 | 2,230 | 2,120 | 10,620 | 773 | 15,750 |
| 3-yr | 0 | 400 | 0 | 0 | 17 | 400 | 4,000 | 2,167 | 1,767 | 8,333 |
| % Change from: | | | | | | | | | | |
| Long Term | -100.0 | -70.4 | -100.0 | -100.0 | -100.0 | -74.1 | -15.8 | -100.0 | -100.0 | -85.4 |
| 3-yr | #DIV/0! | 50.0 | #DIV/0! | #DIV/0! | -100.0 | 50.0 | -55.0 | -100.0 | -100.0 | -71.2 |
| 2017 | #DIV/0! | 50.0 | #DIV/0! | #DIV/0! | -100.0 | 50.0 | 260.0 | -100.0 | -100.0 | -81.0 |

[a]Some estimates have been rounded to the nearest 100. Estimates will be 50 in cases where the estimate is lower than 50.

**Band-tailed Pigeon harvest[a] by State and Flyway from the Harvest Information Program, 1999–current.**

| | Interior Population | | | | | Pacific Population | | | |
|---|---|---|---|---|---|---|---|---|---|
| Year | AZ | CO | NM | UT | | CA | OR | WA | U.S. |
| 1999 | 500 | 700 | 0 | 100 | | 19,300 | 3,800 | -- | 24,400 |
| 2000 | 2,300 | 1,700 | 400 | 300 | | 12,200 | 4,100 | -- | 20,900 |
| 2001 | 400 | 600 | 600 | 300 | | 8,300 | 5,000 | -- | 15,200 |
| 2002 | 1,000 | 100 | 600 | 400 | | 4,200 | 4,000 | -- | 10,400 |
| 2003 | 1,400 | 900 | 400 | 100 | | 8,000 | 4,900 | 1,500 | 17,200 |
| 2004 | 1,400 | 500 | 700 | 200 | | 14,300 | 3,300 | 300 | 20,700 |
| 2005 | 2,200 | 100 | 300 | 100 | | 11,100 | 1,400 | 1,000 | 16,200 |
| 2006 | 500 | 600 | 100 | 400 | | 12,500 | 1,500 | 900 | 16,600 |
| 2007 | 1,000 | 900 | 2,800 | 200 | | 9,700 | 1,400 | 1,700 | 17,600 |
| 2008 | 1,600 | 2,500 | 600 | 0 | | 27,500 | 500 | 2,100 | 34,900 |
| 2009 | 2,300 | 1,400 | 1,300 | 0 | | 19,300 | 1,900 | 1,400 | 27,600 |
| 2010 | 700 | 1,500 | 2,700 | 200 | | 16,500 | 1,100 | 700 | 23,400 |
| 2011 | 1,000 | 300 | 500 | 100 | | 10,800 | 900 | 200 | 13,700 |
| 2012 | 1,300 | 1,100 | 300 | 100 | | 9,100 | 1,500 | 200 | 13,700 |
| 2013 | 900 | 50 | 200 | 500 | | 4,700 | 1,600 | 500 | 8,300 |
| 2014 | 700 | 400 | 200 | 100 | | 10,700 | 1,200 | 200 | 13,500 |
| 2015 | 500 | 200 | 100 | 50 | | 6,600 | 600 | 100 | 8,100 |
| 2016 | 500 | 200 | 200 | 200 | | 4,400 | 1,300 | 200 | 7,000 |
| 2017 | 100 | 50 | 200 | 0 | | 5,600 | 500 | 0 | 6,300 |
| 2018 | 100 | 0 | 100 | 50 | | 9,000 | 1,200 | 1,500 | 12,000 |
| Averages: | | | | | | | | | |
| Long Term | 1,020 | 690 | 615 | 170 | # | 11,190 | 2,085 | 781 | 16,385 |
| 3-yr | 233 | 83 | 167 | 83 | # | 6,333 | 1,000 | 567 | 8,433 |
| % Change from: | | | | | | | | | |
| Long Term | -90.6 | -100.0 | -84.4 | -71.6 | # | -20.4 | -43.7 | 104.5 | -27.8 |
| 3-yr | -57.1 | -100.0 | -40.0 | -40.0 | # | 42.1 | 20.0 | 164.7 | 42.3 |
| 2017 | 0.0 | -100.0 | -50.0 | #DIV/0! | # | 60.7 | 140.0 | #DIV/0! | 90.5 |

[a]Some estimates have been rounded to the nearest 100. Estimates will be 50 in cases where the estimate is lower than 50.

**Mourning Dove harvest[a] by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | ID | NV | OR | UT | WA | WMU | CMU | EMU | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 900,200 | 795,900 | 86,100 | 64,000 | 75,800 | 76,700 | 93,600 | 2,092,300 | 11,401,200 | 10,943,900 | 24,437,300 |
| 2000 | 800,300 | 1,020,700 | 99,300 | 71,200 | 66,200 | 117,900 | 87,400 | 2,263,100 | 13,258,300 | 10,773,900 | 26,295,300 |
| 2001 | 981,000 | 1,149,700 | 107,000 | 37,700 | 65,800 | 76,100 | 66,100 | 2,483,400 | 11,111,200 | 9,981,400 | 23,576,000 |
| 2002 | 933,900 | 1,024,200 | 118,700 | 71,500 | 62,700 | 88,800 | 56,800 | 2,356,600 | 10,275,500 | 10,087,000 | 22,719,100 |
| 2003 | 872,700 | 1,168,300 | 124,800 | 42,100 | 66,900 | 68,900 | 76,300 | 2,420,100 | 7,714,600 | 8,198,100 | 18,332,800 |
| 2004 | 978,200 | 1,060,500 | 132,500 | 36,500 | 72,600 | 119,700 | 70,500 | 2,470,600 | 9,807,700 | 7,712,000 | 19,990,200 |
| 2005 | 952,600 | 1,013,400 | 122,900 | 47,700 | 85,600 | 137,800 | 105,500 | 2,465,500 | 9,891,400 | 9,793,000 | 22,149,900 |
| 2006 | 750,700 | 1,020,400 | 98,100 | 38,900 | 84,300 | 77,600 | 132,900 | 2,202,900 | 8,914,000 | 8,155,400 | 19,272,400 |
| 2007 | 792,800 | 1,162,100 | 192,300 | 38,500 | 96,900 | 90,000 | 88,900 | 2,461,500 | 9,180,200 | 8,908,400 | 20,550,000 |
| 2008 | 726,600 | 1,113,700 | 127,400 | 45,000 | 45,500 | 74,100 | 78,500 | 2,210,700 | 7,520,000 | 7,671,800 | 17,402,400 |
| 2009 | 784,400 | 1,069,700 | 143,300 | 41,500 | 38,600 | 122,800 | 40,700 | 2,241,000 | 7,474,600 | 7,639,200 | 17,354,800 |
| 2010 | 941,800 | 1,244,900 | 90,600 | 60,300 | 43,700 | 102,800 | 77,900 | 2,562,000 | 7,194,900 | 7,473,500 | 17,230,400 |
| 2011 | 784,600 | 1,138,200 | 147,500 | 31,900 | 63,000 | 53,900 | 37,200 | 2,256,300 | 7,657,700 | 6,666,900 | 16,580,900 |
| 2012 | 601,200 | 900,000 | 127,600 | 26,900 | 64,100 | 78,000 | 51,500 | 1,849,400 | 6,361,600 | 6,279,900 | 14,490,900 |
| 2013 | 774,800 | 828,300 | 157,300 | 31,900 | 28,400 | 80,200 | 42,500 | 1,943,300 | 6,236,000 | 6,350,600 | 14,529,800 |
| 2014 | 370,000 | 677,100 | 111,000 | 24,800 | 19,600 | 34,000 | 28,400 | 1,265,000 | 7,654,700 | 4,889,800 | 13,809,500 |
| 2015 | 401,400 | 686,800 | 100,700 | 22,400 | 22,500 | 54,800 | 43,600 | 1,332,200 | 7,180,300 | 4,644,900 | 13,157,300 |
| 2016 | 395,800 | 900,200 | 108,900 | 32,100 | 27,200 | 36,100 | 61,100 | 1,561,400 | 7,334,600 | 4,606,000 | 13,502,000 |
| 2017 | 350,700 | 766,900 | 108,500 | 16,000 | 19,700 | 29,600 | 23,700 | 1,315,000 | 5,462,800 | 4,783,300 | 11,561,100 |
| 2018 | 352,700 | 892,600 | 88,800 | 21,400 | 13,200 | 25,300 | 63,700 | 1,457,700 | 4,749,100 | 4,167,600 | 10,374,500 |
| Averages: | | | | | | | | | | | |
| Long Term | 722,320 | 981,680 | 119,665 | 40,115 | 53,115 | 77,255 | 66,340 | 2,060,500 | 8,319,020 | 7,486,330 | 17,865,830 |
| 3-yr | 366,400 | 853,233 | 102,067 | 23,167 | 20,033 | 30,333 | 49,500 | 1,444,700 | 5,848,833 | 4,518,967 | 11,812,533 |
| % Change from: | | | | | | | | | | | |
| Long Term | -52.5 | -9.5 | -26.8 | -47.9 | -76.1 | -68.4 | -4.2 | -30.3 | -44.2 | -45.6 | -43.2 |
| 3-yr | -3.7 | 4.6 | -13.0 | -7.6 | -34.1 | -16.6 | 28.7 | 0.9 | -18.8 | -7.8 | -12.2 |
| 2017 | 0.6 | 16.4 | -18.2 | 33.8 | -33.0 | -14.5 | 168.8 | 10.9 | -13.1 | -12.9 | -10.3 |

[a]Some estimates have been rounded to the nearest 100. Estimates will be 50 in cases where the estimate is lower than 50.

**White-winged Dove harvest[a] by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | NV | UT | WMU | CMU | EMU | U.S. |
|---|---|---|---|---|---|---|---|---|
| 1999 | 122,100 | 32,100 | 100 | -- | 154,300 | 782,900 | 1,200 | 938,500 |
| 2000 | 84,500 | 33,900 | 0 | -- | 118,400 | 122,600 | 15,000 | 1,355,900 |
| 2001 | 86,500 | 44,500 | 100 | -- | 131,100 | 996,900 | 5,800 | 1,133,900 |
| 2002 | 120,400 | 34,000 | 100 | -- | 154,500 | 975,400 | 3,600 | 1,133,500 |
| 2003 | 112,300 | 46,800 | 800 | -- | 159,900 | 825,100 | 12,900 | 997,900 |
| 2004 | 120,300 | 50,500 | 600 | -- | 171,400 | 1,120,700 | 4,700 | 1,296,800 |
| 2005 | 110,100 | 63,600 | 200 | 200 | 174,000 | 1,162,500 | 12,400 | 1,348,900 |
| 2006 | 107,400 | 55,200 | 600 | 1,000 | 164,300 | 1,050,900 | 46,800 | 1,262,000 |
| 2007 | 127,600 | 67,900 | 0 | 800 | 196,300 | 1,618,400 | 53,400 | 1,868,100 |
| 2008 | 95,300 | 83,300 | 50 | 1,200 | 179,900 | 1,378,200 | 60,000 | 1,618,100 |
| 2009 | 124,500 | 66,100 | 600 | 1,500 | 192,700 | 1,361,300 | 88,200 | 1,642,200 |
| 2010 | 84,900 | 78,200 | 400 | 1,800 | 165,200 | 1,485,500 | 29,200 | 1,679,900 |
| 2011 | 118,900 | 77,900 | 300 | 1,200 | 198,300 | 1,605,500 | 47,800 | 1,851,600 |
| 2012 | 86,000 | 42,200 | 200 | 500 | 130,300 | 1,508,500 | 0 | 1,669,000 |
| 2013 | 100,000 | 48,900 | 3300 | 0 | 152,200 | 1,343,700 | 30,600 | 1,526,500 |
| 2014 | 83,800 | 54,400 | 300 | 200 | 138,700 | 1,839,700 | 28,200 | 2,006,600 |
| 2015 | 72,200 | 47,300 | 500 | 0 | 120,000 | 2,032,500 | 9,500 | 2,162,100 |
| 2016 | 69,000 | 62,300 | 200 | 200 | 131,700 | 1,518,600 | 16,900 | 1,667,100 |
| 2017 | 62,100 | 47,000 | 200 | 100 | 109,400 | 1,290,500 | 25,200 | 1,425,000 |
| 2018 | 72,000 | 38,600 | 50 | 200 | 110,800 | 1,537,300 | 23,400 | 1,671,500 |
| Averages: | | | | | | | | |
| Long Term | 97,995 | 53,735 | 430 | 636 | 152,670 | 1,277,835 | 25,740 | 1,512,755 |
| 3-yr | 67,700 | 49,300 | 150 | 167 | 117,300 | 1,448,800 | 21,833 | 1,587,867 |
| % Change from: | | | | | | | | |
| Long Term | -27.5 | -29.2 | -88.9 | -70.1 | -28.5 | 21.6 | -9.5 | 11.1 |
| 3-yr | 6.4 | -21.7 | -66.7 | 20.0 | -5.5 | 6.1 | 7.2 | 5.3 |
| 2017 | 15.9 | -17.9 | -75.0 | 100.0 | 1.3 | 19.1 | -7.1 | 17.3 |

[a]Some estimates have been rounded to the nearest 100. Estimates will be 50 in cases where the estimate is lower than 50.

**Snipe harvest[a] by State and Flyway from the Harvest Information Program, 1999–current.**

| Year | AZ | CA | ID | MT | NV | OR | UT | WA | PF | AK | AF | MF | CF | U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | 200 | 15,400 | 0 | 1,400 | 100 | 9,300 | 600 | 3,600 | 30,500 | 200 | 35,100 | 164,400 | 47,300 | 276,500 |
| 2000 | 1,600 | 14,800 | 50 | 100 | 100 | 0 | 300 | 0 | 16,900 | 1,700 | 5,400 | 49,800 | 12,600 | 86,400 |
| 2001 | 200 | 13,300 | 50 | 50 | 100 | 6,600 | 200 | 0 | 20,500 | 700 | 26,100 | 22,900 | 15,300 | 85,500 |
| 2002 | 700 | 2,400 | 100 | 2,600 | 400 | 400 | 600 | 400 | 7,200 | 2,600 | 27,500 | 25,400 | 5,400 | 68,200 |
| 2003 | 900 | 6,600 | 2,400 | 400 | 100 | 900 | 0 | 300 | 11,700 | 1,400 | 35,000 | 20,200 | 5,500 | 73,800 |
| 2004 | 0 | 11,000 | 600 | 900 | 50 | 900 | 700 | 4,100 | 18,100 | 600 | 45,700 | 32,900 | 6,100 | 103,300 |
| 2005 | 0 | 16,900 | 400 | 400 | 50 | 1,100 | 300 | 2,100 | 21,300 | 900 | 50,200 | 39,500 | 8,800 | 120,700 |
| 2006 | 100 | 2,800 | 400 | 800 | 50 | 700 | 300 | 2,500 | 7,700 | 1,200 | 33,700 | 24,800 | 9,300 | 76,700 |
| 2007 | 100 | 7,800 | 0 | 4,900 | 200 | 200 | 800 | 300 | 14,100 | 600 | 56,800 | 35,800 | 12,200 | 119,400 |
| 2008 | 0 | 9,600 | 50 | 3,900 | 700 | 1,400 | 0 | 100 | 15,900 | 1,100 | 46,500 | 20,200 | 11,900 | 95,500 |
| 2009 | 200 | 7,400 | 100 | 100 | 1,000 | 1,800 | 800 | 1,400 | 12,700 | 900 | 43,600 | 20,900 | 5,300 | 83,500 |
| 2010 | 0 | 4,800 | 600 | 3,400 | 100 | 300 | 1,300 | 400 | 10,900 | 400 | 54,000 | 40,200 | 12,700 | 118,200 |
| 2011 | 300 | 10,800 | 0 | 200 | 500 | 3,000 | 1,300 | 0 | 16,000 | 300 | 57,500 | 36,600 | 25,900 | 136,300 |
| 2012 | 0 | 6,300 | 900 | 100 | 100 | 3,400 | 200 | 2,200 | 13,100 | 600 | 25,700 | 19,400 | 6,100 | 64,900 |
| 2013 | 50 | 2,400 | 7,900 | 300 | 50 | 500 | 700 | 500 | 12,400 | 600 | 33,000 | 21,200 | 1,900 | 69,100 |
| 2014 | 200 | 15,800 | 4,700 | 100 | 200 | 1,000 | 500 | 600 | 23,300 | 600 | 55,200 | 10,700 | 5,100 | 94,900 |
| 2015 | 0 | 2,400 | 1,000 | 50 | 300 | 800 | 200 | 400 | 5,300 | 100 | 20,300 | 10,400 | 8,400 | 44,500 |
| 2016 | 100 | 3,700 | 0 | 100 | 200 | 0 | 200 | 200 | 4,600 | 0 | 69,100 | 26,200 | 18,500 | 118,400 |
| 2017 | 50 | 2,600 | 0 | 200 | 200 | 600 | 400 | 300 | 4,300 | 0 | 28,500 | 5,700 | 4,000 | 42,400 |
| 2018 | 0 | 2,000 | 0 | 300 | 0 | 100 | 300 | 200 | 2,900 | 200 | 70,800 | 9,000 | 700 | 83,600 |
| Averages: | | | | | | | | | | | | | | |
| Long Term | 235 | 7,940 | 963 | 1,015 | 225 | 1,650 | 485 | 980 | 13,470 | 735 | 40,985 | 31,810 | 11,150 | 98,090 |
| 3-yr | 50 | 2,767 | 0 | 200 | 133 | 233 | 300 | 233 | 3,933 | 67 | 56,133 | 13,633 | 7,733 | 81,467 |
| % Change from: | | | | | | | | | | | | | | |
| Long Term | -100.0 | -75.8 | -100.0 | -71.5 | -100.0 | -94.2 | -39.4 | -80.4 | -79.3 | -73.8 | 79.6 | -72.7 | -94.0 | -15.4 |
| 3-yr | -100.0 | -27.7 | #DIV/0! | 50.0 | -100.0 | -57.1 | 0.0 | -14.3 | -26.3 | 200.0 | 26.1 | -34.0 | -90.9 | 2.6 |
| 2017 | -100.0 | -23.1 | #DIV/0! | 50.0 | -100.0 | -83.3 | -25.0 | -33.3 | -32.6 | #DIV/0! | 148.4 | 57.9 | -82.5 | 97.2 |

[a]Some estimates have been rounded to the nearest 100. Estimates will be 50 in cases where the estimate is lower than 50.

**Total duck harvest[a] by Province in Canada, 1968–current.**

| YEAR | NFL | PEI | NS | NB | QUE | ONT | MAN | SAS | ALB | BC | NWT | YUK | NU | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1968[b] | 44,300 | 19,400 | 54,800 | 59,600 | 333,300 | 794,000 | 295,700 | 292,700 | 459,100 | 362,600 | | | | 2,715,500 |
| 1969[b] | 62,700 | 25,300 | 50,100 | 62,900 | 465,700 | 928,100 | 467,300 | 557,700 | 778,200 | 270,100 | | | | 3,668,100 |
| 1970[b] | 66,500 | 28,900 | 59,200 | 61,000 | 464,900 | 872,300 | 518,100 | 930,500 | 904,700 | 283,900 | | | | 4,190,000 |
| 1971[b] | 53,300 | 30,500 | 71,100 | 56,600 | 454,500 | 739,000 | 332,200 | 690,200 | 848,000 | 228,600 | | | | 3,504,000 |
| 1972 | 56,200 | 18,200 | 55,700 | 51,100 | 414,900 | 815,700 | 356,200 | 615,100 | 800,200 | 260,700 | | | | 3,444,000 |
| 1973 | 111,500 | 18,000 | 117,400 | 51,900 | 493,100 | 752,700 | 251,900 | 471,900 | 831,600 | 255,400 | | | | 3,355,400 |
| 1974 | 103,800 | 31,400 | 105,500 | 58,700 | 569,500 | 811,500 | 249,600 | 699,700 | 1,014,300 | 210,900 | | | | 3,854,900 |
| 1975 | 101,700 | 28,400 | 118,000 | 59,100 | 467,900 | 938,300 | 299,200 | 807,300 | 850,700 | 236,200 | 9,500 | 5,000 | | 3,921,300 |
| 1976 | 98,400 | 37,400 | 117,900 | 68,600 | 602,900 | 976,400 | 352,300 | 807,800 | 886,600 | 231,200 | 29,200 | 3,900 | | 4,212,600 |
| 1977 | 132,900 | 30,200 | 134,500 | 53,800 | 631,200 | 913,300 | 259,400 | 508,800 | 781,100 | 259,600 | 20,800 | 3,100 | | 3,728,700 |
| 1978 | 142,700 | 30,000 | 109,500 | 65,800 | 529,100 | 943,200 | 361,200 | 527,300 | 581,700 | 210,500 | 18,100 | 3,000 | | 3,522,100 |
| 1979 | 122,200 | 20,900 | 88,400 | 49,100 | 460,400 | 845,400 | 383,400 | 582,700 | 679,300 | 204,400 | 9,400 | 3,000 | | 3,448,600 |
| 1980 | 106,000 | 31,900 | 124,700 | 59,900 | 500,200 | 912,100 | 335,100 | 443,600 | 688,800 | 186,300 | 11,500 | 3,000 | | 3,403,100 |
| 1981 | 114,400 | 26,200 | 113,600 | 59,000 | 507,900 | 850,100 | 293,900 | 273,300 | 525,600 | 188,300 | 5,000 | 1,500 | | 2,958,800 |
| 1982 | 111,500 | 39,600 | 87,700 | 60,600 | 512,500 | 862,000 | 280,900 | 324,100 | 458,200 | 163,100 | 3,100 | 1,100 | | 2,904,400 |
| 1983 | 119,500 | 36,100 | 117,300 | 72,900 | 454,000 | 888,400 | 284,400 | 381,700 | 515,700 | 193,500 | 13,000 | 3,000 | | 3,079,500 |
| 1984 | 115,500 | 35,000 | 95,600 | 68,900 | 439,800 | 832,800 | 215,300 | 258,300 | 438,500 | 173,700 | 11,500 | 3,200 | | 2,688,100 |
| 1985 | 110,300 | 31,100 | 92,300 | 69,600 | 494,900 | 871,500 | 174,500 | 210,900 | 282,800 | 145,400 | 15,500 | 3,000 | | 2,501,800 |
| 1986 | 124,300 | 29,600 | 99,800 | 71,000 | 434,100 | 821,800 | 207,800 | 226,500 | 273,600 | 124,300 | 5,400 | 2,900 | | 2,421,100 |
| 1987 | 59,200 | 28,700 | 86,100 | 59,900 | 468,900 | 772,400 | 213,200 | 207,200 | 305,300 | 133,000 | 4,400 | 1,500 | | 2,339,800 |
| 1988 | 83,800 | 34,300 | 84,800 | 63,600 | 446,900 | 661,300 | 126,000 | 104,800 | 183,100 | 115,500 | 5,100 | 1,300 | | 1,910,500 |
| 1989 | 92,700 | 21,600 | 120,700 | 64,400 | 433,800 | 682,800 | 121,000 | 104,100 | 254,800 | 102,900 | 1,200 | 800 | | 2,000,800 |
| 1990 | 91,500 | 20,100 | 104,000 | 70,500 | 456,300 | 684,500 | 111,800 | 115,700 | 231,900 | 96,200 | 2,100 | 500 | | 1,985,100 |
| 1991 | 55,800 | 28,500 | 76,700 | 47,600 | 357,400 | 618,000 | 106,700 | 102,800 | 164,600 | 79,800 | 800 | 1,100 | | 1,639,800 |
| 1992 | 63,490 | 14,995 | 90,203 | 52,749 | 345,468 | 539,960 | 119,146 | 90,093 | 129,381 | 80,352 | 1,237 | 864 | | 1,527,938 |
| 1993 | 63,384 | 21,069 | 90,346 | 49,239 | 385,095 | 564,701 | 91,892 | 76,017 | 119,744 | 69,688 | 1,746 | 1,319 | | 1,534,240 |
| 1994 | 78,453 | 17,530 | 87,322 | 51,273 | 342,454 | 502,989 | 113,788 | 128,611 | 163,664 | 76,716 | 1,999 | 882 | | 1,565,681 |
| 1995 | 67,360 | 27,892 | 93,199 | 74,272 | 298,998 | 512,934 | 135,147 | 149,321 | 152,792 | 62,222 | 2,156 | 1,392 | | 1,577,685 |
| 1996 | 56,532 | 19,257 | 79,992 | 56,202 | 255,647 | 460,414 | 168,503 | 190,133 | 183,079 | 72,241 | 1,988 | 597 | | 1,544,585 |
| 1997 | 57,709 | 21,371 | 74,203 | 50,634 | 261,923 | 461,372 | 183,468 | 204,211 | 229,746 | 81,180 | 1,667 | 392 | | 1,627,876 |
| 1998 | 61,367 | 15,361 | 82,094 | 59,803 | 256,382 | 425,275 | 175,742 | 205,545 | 170,071 | 87,429 | 1,985 | 1,102 | | 1,542,156 |
| 1999 | 51,464 | 19,923 | 86,556 | 56,641 | 270,264 | 385,577 | 162,355 | 233,178 | 157,613 | 70,934 | 1,431 | 308 | | 1,496,244 |
| 2000 | 63,617 | 13,540 | 69,188 | 52,476 | 244,486 | 367,333 | 148,147 | 242,275 | 160,684 | 73,409 | 1,055 | 460 | 114 | 1,436,784 |
| 2001 | 50,206 | 17,815 | 58,477 | 41,656 | 215,780 | 364,497 | 168,274 | 153,503 | 135,353 | 55,594 | 1,021 | 409 | 0 | 1,262,585 |
| 2002 | 50,457 | 15,651 | 62,118 | 43,051 | 189,473 | 351,891 | 155,537 | 173,087 | 125,532 | 58,736 | 3,344 | 1,131 | 0 | 1,230,008 |
| 2003 | 41,648 | 14,637 | 55,788 | 44,613 | 177,880 | 313,728 | 128,550 | 185,457 | 124,369 | 51,992 | 1,815 | 548 | 710 | 1,141,735 |
| 2004 | 44,272 | 9,944 | 47,771 | 32,306 | 171,618 | 289,678 | 146,093 | 195,058 | 136,064 | 43,430 | 1,927 | 184 | 0 | 1,118,345 |
| 2005 | 42,897 | 12,410 | 44,881 | 34,810 | 182,650 | 273,663 | 161,893 | 225,848 | 152,716 | 52,576 | 2,063 | 2,293 | 0 | 1,188,700 |
| 2006 | 48,136 | 12,680 | 44,651 | 37,114 | 186,036 | 303,980 | 173,738 | 243,088 | 153,470 | 41,051 | 524 | 167 | 0 | 1,244,635 |
| 2007 | 63,557 | 12,286 | 57,350 | 39,324 | 172,585 | 273,692 | 143,710 | 242,542 | 159,478 | 44,312 | 1,571 | 1,855 | 0 | 1,212,262 |
| 2008 | 59,079 | 11,164 | 51,031 | 37,006 | 184,236 | 279,513 | 129,988 | 222,761 | 173,402 | 53,351 | 334 | 975 | 0 | 1,202,840 |
| 2009 | 47,660 | 10,115 | 40,471 | 28,484 | 169,740 | 252,948 | 124,371 | 187,240 | 110,861 | 46,557 | 2,659 | 155 | 0 | 1,021,261 |
| 2010 | 44,609 | 14,787 | 41,938 | 40,257 | 162,177 | 263,081 | 115,250 | 204,102 | 121,573 | 45,167 | 696 | 0 | 0 | 1,053,637 |
| 2011 | 46,879 | 13,593 | 41,666 | 32,894 | 165,466 | 268,672 | 124,777 | 268,147 | 147,933 | 49,614 | 835 | 0 | 0 | 1,160,476 |
| 2012 | 55,135 | 19,835 | 41,236 | 33,877 | 158,372 | 242,974 | 121,540 | 266,797 | 144,926 | 54,243 | 2,130 | 928 | 0 | 1,141,993 |
| 2013 | 53,286 | 13,126 | 45,969 | 38,398 | 146,552 | 268,754 | 128,693 | 306,159 | 177,523 | 43,656 | 1,384 | 2,362 | 0 | 1,225,862 |
| 2014 | 25,854 | 14,420 | 24,818 | 31,417 | 142,214 | 280,683 | 113,921 | 293,971 | 164,465 | 50,513 | 3,757 | 880 | 0 | 1,146,913 |
| 2015 | 30,970 | 8,217 | 35,832 | 27,911 | 135,484 | 314,333 | 121,332 | 276,222 | 156,241 | 44,717 | 336 | 459 | 0 | 1,152,054 |
| 2016 | 23,909 | 8,852 | 29,863 | 27,234 | 127,142 | 224,241 | 128,267 | 276,501 | 162,164 | 40,163 | 0 | 0 | 0 | 1,048,336 |
| 2017 | 27,217 | 4,960 | 28,046 | 22,329 | 129,510 | 230,364 | 87,223 | 220,927 | 170,894 | 37,229 | 658 | 0 | 0 | 959,358 |
| 2018 | 25,320 | 4,776 | 31,547 | 28,741 | 98,823 | 229,440 | 94,367 | 259,443 | 174,251 | 41,410 | 0 | 1,344 | 0 | 989,462 |
| Averages: | | | | | | | | | | | | | | |
| Long Term | 71,082 | 21,010 | 74,940 | 50,800 | 332,756 | 569,300 | 201,232 | 313,038 | 350,910 | 122,443 | 4,680 | 1,407 | 43 | 2,112,777 |
| 3-yr | 25,482 | 6,196 | 29,819 | 26,101 | 118,492 | 228,015 | 103,286 | 252,290 | 169,103 | 39,601 | 219 | 448 | 0 | 999,052 |
| % Change from: | | | | | | | | | | | | | | |
| Long Term | -64.8 | -77.6 | -58.4 | -43.9 | -70.7 | -60.2 | -53.6 | -17.4 | -50.8 | -66.6 | -100.0 | -4.6 | -100.0 | -53.7 |
| 3-yr | -0.6 | -22.9 | 5.8 | 10.1 | -16.6 | 0.6 | -8.6 | 2.8 | 3.0 | 4.6 | -100.0 | 200.0 | #DIV/0! | -1.0 |
| 2017 | -7.0 | -3.7 | 12.5 | 28.7 | -23.7 | -0.4 | 8.2 | 17.4 | 2.0 | 11.2 | -100.0 | #DIV/0! | #DIV/0! | 3.1 |

[a]Estimated harvest using parts with dates.

[b]1968-71: Estimates are useful only for distribution of harvest among Provinces. These estimates are not comparable with estimates in subsequent years because different survey procedures were used.

**Mallard harvest[a] by Province in Canada, 1968–current.**

| YEAR | NFL | PEI | NS | NB | QUE | ONT | MAN | SAS | ALB | BC | NWT | YUK | NU | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1968[b] | | | | | 41,800 | 231,700 | 148,600 | 191,500 | 275,000 | 138,300 | | | | 1,026,900 |
| 1969[b] | 100 | 200 | 900 | 500 | 38,400 | 228,900 | 281,300 | 386,300 | 541,800 | 131,900 | | | | 1,610,300 |
| 1970[b] | | | 700 | 1,000 | 42,200 | 213,900 | 310,300 | 687,200 | 634,300 | 133,800 | | | | 2,023,400 |
| 1971[b] | | 400 | 700 | 800 | 42,400 | 223,800 | 198,000 | 531,700 | 568,000 | 113,700 | | | | 1,679,500 |
| 1972 | 400 | 100 | 800 | 800 | 61,500 | 254,200 | 214,500 | 477,800 | 557,600 | 114,800 | | | | 1,682,500 |
| 1973 | 100 | 400 | 1,200 | 1,200 | 72,300 | 255,400 | 137,500 | 349,100 | 546,900 | 106,000 | | | | 1,470,100 |
| 1974 | 300 | 200 | 500 | 1,300 | 74,100 | 257,200 | 145,000 | 499,600 | 714,100 | 108,600 | | | | 1,800,900 |
| 1975 | 700 | 400 | 900 | 700 | 58,200 | 296,200 | 154,300 | 572,100 | 531,500 | 122,700 | 4,700 | 1,300 | | 1,743,700 |
| 1976 | 700 | 300 | 1,500 | 800 | 73,700 | 318,200 | 205,100 | 608,700 | 612,300 | 116,200 | 13,800 | 1,000 | | 1,952,300 |
| 1977 | 1,100 | 200 | 2,300 | 700 | 83,600 | 264,900 | 163,100 | 392,400 | 515,600 | 129,300 | 10,700 | 800 | | 1,564,700 |
| 1978 | 800 | 300 | 1,200 | 1,500 | 62,400 | 322,400 | 239,600 | 396,700 | 379,600 | 116,800 | 6,700 | 1,300 | | 1,529,300 |
| 1979 | 500 | 500 | 800 | 1,600 | 68,300 | 265,600 | 245,100 | 422,700 | 486,500 | 116,500 | 2,700 | 1,900 | | 1,612,700 |
| 1980 | 0 | 1,000 | 3,200 | 1,400 | 81,300 | 290,500 | 210,000 | 354,600 | 482,400 | 103,400 | 5,000 | 1,400 | | 1,534,200 |
| 1981 | 2,400 | 1,400 | 2,400 | 2,500 | 92,800 | 281,400 | 174,600 | 230,200 | 388,200 | 115,000 | 2,400 | 900 | | 1,294,200 |
| 1982 | 500 | 400 | 1,400 | 1,800 | 94,800 | 333,700 | 150,300 | 241,100 | 295,000 | 91,500 | 3,100 | 0 | | 1,213,600 |
| 1983 | 1,100 | 1,000 | 4,100 | 2,500 | 87,100 | 297,800 | 159,800 | 285,800 | 363,700 | 121,600 | 4,000 | 900 | | 1,329,400 |
| 1984 | 800 | 700 | 2,100 | 1,600 | 66,800 | 283,600 | 118,100 | 181,700 | 304,800 | 89,900 | 7,500 | 1,700 | | 1,059,300 |
| 1985 | 400 | 1,300 | 3,200 | 3,300 | 97,200 | 290,500 | 84,500 | 158,400 | 180,900 | 81,800 | 5,800 | 1,200 | | 908,500 |
| 1986 | 2,500 | 700 | 3,200 | 2,500 | 84,400 | 265,400 | 113,500 | 151,100 | 182,000 | 72,200 | 800 | 900 | | 879,200 |
| 1987 | 1,100 | 1,100 | 4,200 | 3,200 | 116,800 | 319,100 | 137,000 | 163,600 | 215,300 | 78,300 | 500 | 300 | | 1,040,500 |
| 1988 | 0 | 1,000 | 2,400 | 1,600 | 82,300 | 233,700 | 59,800 | 73,500 | 138,000 | 64,000 | 4,700 | 400 | | 661,400 |
| 1989 | 1,300 | 1,000 | 4,300 | 2,200 | 74,100 | 261,800 | 68,000 | 75,700 | 187,000 | 56,500 | 1,600 | 800 | | 734,300 |
| 1990 | 1,000 | 900 | 3,500 | 3,200 | 86,500 | 262,700 | 56,700 | 78,800 | 173,900 | 60,100 | 2,000 | 400 | | 729,700 |
| 1991 | 1,000 | 1,100 | 3,800 | 4,700 | 77,700 | 218,300 | 60,200 | 70,300 | 121,000 | 51,700 | 100 | 700 | | 610,600 |
| 1992 | 967 | 198 | 6,343 | 5,260 | 89,551 | 196,776 | 66,189 | 66,902 | 95,405 | 51,840 | 668 | 244 | | 580,343 |
| 1993 | 1,063 | 1,071 | 5,110 | 3,585 | 97,625 | 197,754 | 41,191 | 49,752 | 80,268 | 43,430 | 1,158 | 547 | | 522,554 |
| 1994 | 830 | 828 | 3,172 | 2,755 | 103,446 | 192,356 | 56,301 | 87,448 | 108,951 | 49,233 | 1,999 | 201 | | 607,520 |
| 1995 | 532 | 751 | 4,822 | 5,131 | 83,307 | 176,680 | 74,206 | 104,296 | 111,048 | 40,782 | 1,509 | 278 | | 603,342 |
| 1996 | 351 | 1,024 | 4,286 | 4,044 | 82,201 | 176,869 | 91,266 | 121,608 | 115,668 | 42,447 | 1,326 | 0 | | 641,090 |
| 1997 | 1,461 | 417 | 8,047 | 5,371 | 77,594 | 178,169 | 107,379 | 133,017 | 151,167 | 55,513 | 437 | 126 | | 718,698 |
| 1998 | 1,628 | 1,011 | 5,440 | 7,512 | 76,320 | 164,431 | 104,470 | 129,461 | 119,826 | 52,663 | 881 | 276 | | 663,919 |
| 1999 | 1,188 | 667 | 6,305 | 4,866 | 69,568 | 131,901 | 82,639 | 182,714 | 105,126 | 48,002 | 0 | 220 | | 633,196 |
| 2000 | 1,511 | 1,915 | 5,481 | 5,999 | 81,655 | 162,352 | 67,467 | 197,400 | 110,163 | 51,925 | 512 | 72 | 0 | 686,452 |
| 2001 | 601 | 1,192 | 5,721 | 7,047 | 79,896 | 166,629 | 92,115 | 107,413 | 94,699 | 35,575 | 643 | 229 | 0 | 591,760 |
| 2002 | 300 | 2,176 | 6,498 | 6,002 | 66,533 | 147,847 | 77,992 | 118,857 | 80,707 | 37,371 | 1,702 | 609 | 0 | 546,594 |
| 2003 | 696 | 804 | 4,711 | 6,511 | 58,873 | 138,099 | 66,403 | 126,397 | 73,088 | 35,384 | 410 | 110 | 0 | 511,486 |
| 2004 | 1,985 | 1,100 | 5,245 | 5,228 | 65,284 | 132,188 | 75,970 | 129,630 | 78,270 | 28,516 | 275 | 37 | 0 | 523,728 |
| 2005 | 754 | 1,681 | 4,544 | 4,732 | 72,231 | 115,284 | 87,315 | 144,393 | 78,798 | 33,586 | 688 | 0 | 0 | 544,006 |
| 2006 | 753 | 1,122 | 5,490 | 6,389 | 72,245 | 124,751 | 111,026 | 174,174 | 88,533 | 28,928 | 215 | 0 | 0 | 613,626 |
| 2007 | 1,837 | 1,289 | 5,711 | 7,030 | 65,187 | 119,403 | 68,121 | 163,912 | 82,133 | 30,167 | 897 | 265 | 0 | 545,952 |
| 2008 | 53 | 1,743 | 4,735 | 5,708 | 69,621 | 120,199 | 60,654 | 151,748 | 97,686 | 35,853 | 0 | 488 | 0 | 548,488 |
| 2009 | 80 | 651 | 4,079 | 3,377 | 65,216 | 106,537 | 61,460 | 135,546 | 62,778 | 32,736 | 0 | 67 | 0 | 472,527 |
| 2010 | 1,122 | 2,213 | 4,129 | 4,665 | 56,523 | 105,400 | 48,539 | 125,686 | 68,014 | 28,301 | 0 | 0 | 0 | 444,592 |
| 2011 | 670 | 3,434 | 5,296 | 5,501 | 62,037 | 105,529 | 59,170 | 143,258 | 91,670 | 32,990 | 334 | 0 | 0 | 509,889 |
| 2012 | 767 | 1,475 | 3,060 | 5,682 | 55,862 | 79,180 | 67,173 | 188,383 | 89,249 | 36,160 | 415 | 928 | 0 | 528,334 |
| 2013 | 0 | 758 | 7,500 | 9,689 | 47,579 | 107,319 | 42,549 | 193,591 | 106,935 | 29,986 | 923 | 0 | 0 | 546,829 |
| 2014 | 1,397 | 1,602 | 3,000 | 5,647 | 56,092 | 116,812 | 30,927 | 163,468 | 93,733 | 26,996 | 0 | 440 | 0 | 500,114 |
| 2015 | 650 | 1,779 | 7,082 | 6,647 | 54,653 | 114,114 | 56,624 | 179,718 | 88,206 | 28,664 | 0 | 0 | 0 | 538,137 |
| 2016 | 1,420 | 1,358 | 6,564 | 6,712 | 47,530 | 77,234 | 64,567 | 159,158 | 83,694 | 23,686 | 0 | 0 | 0 | 471,923 |
| 2017 | 334 | 1,292 | 4,829 | 5,456 | 50,497 | 83,591 | 36,119 | 133,725 | 89,114 | 25,962 | 658 | 0 | 0 | 431,577 |
| 2018 | 329 | 1,019 | 3,487 | 6,282 | 42,549 | 82,967 | 37,245 | 168,068 | 83,522 | 25,204 | 0 | 168 | 0 | 450,840 |
| Averages: | | | | | | | | | | | | | | |
| Long Term | 835 | 1,003 | 3,800 | 3,885 | 70,792 | 197,868 | 111,176 | 222,751 | 233,801 | 67,186 | 2,085 | 482 | 0 | 915,073 |
| 3-yr | 694 | 1,223 | 4,960 | 6,150 | 46,859 | 81,264 | 45,977 | 153,650 | 85,443 | 24,951 | 219 | 56 | 0 | 451,447 |
| % Change from: | | | | | | | | | | | | | | |
| Long Term | -61.1 | 1.6 | -8.4 | 63.8 | -40.4 | -58.6 | -66.9 | -24.9 | -64.7 | -62.9 | -100.0 | -65.7 | #DIV/0! | -51.2 |
| 3-yr | -52.6 | -16.7 | -29.7 | 2.1 | -9.2 | 2.1 | -19.0 | 9.4 | -2.2 | 1.0 | -100.0 | 200.0 | #DIV/0! | -0.1 |
| 2017 | -1.5 | -21.1 | -27.8 | 15.1 | -15.7 | -0.7 | 3.1 | 25.7 | -6.3 | -2.9 | -100.0 | #DIV/0! | #DIV/0! | 4.5 |

[a]Estimated harvest using all parts, including those without dates.

[b]1968-71: Estimates are useful only for distribution of harvest among Provinces. These estimates are not comparable with estimates in subsequent years because different survey procedures were used.

**Northern Pintail harvest[a] by Province in Canada, 1968–current.**

| YEAR | NFL | PEI | NS | NB | QUE | ONT | MAN | SAS | ALB | BC | NWT | YUK | NU | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1968[b] | | | | | 21,300 | | 25,800 | 16,300 | 51,200 | 55,500 | | | | 170,100 |
| 1969[b] | 2,200 | 800 | 500 | 1,000 | 20,500 | 10,900 | 21,100 | 33,800 | 48,700 | 23,700 | | | | 163,200 |
| 1970[b] | 900 | 1,300 | 1,400 | 1,900 | 26,600 | 14,900 | 30,700 | 66,400 | 78,100 | 36,500 | | | | 258,700 |
| 1971[b] | 1,000 | 700 | 600 | 1,500 | 25,800 | 10,400 | 20,300 | 46,000 | 71,600 | 28,400 | | | | 206,300 |
| 1972 | 1,000 | 400 | 400 | 400 | 16,900 | 9,700 | 16,700 | 29,100 | 68,900 | 48,700 | | | | 192,200 |
| 1973 | 2,600 | 500 | 1,100 | 1,000 | 19,400 | 10,500 | 18,300 | 31,000 | 94,700 | 48,900 | | | | 228,000 |
| 1974 | 1,100 | 1,100 | 1,300 | 1,300 | 21,000 | 10,800 | 10,700 | 51,900 | 98,700 | 25,700 | | | | 223,600 |
| 1975 | 900 | 400 | 500 | 800 | 22,000 | 9,700 | 20,400 | 56,300 | 82,500 | 23,200 | 200 | 700 | | 217,600 |
| 1976 | 1,300 | 700 | 1,000 | 1,700 | 29,000 | 17,300 | 17,600 | 34,300 | 60,800 | 35,200 | 2,600 | 300 | | 201,800 |
| 1977 | 2,400 | 1,800 | 1,200 | 1,000 | 40,600 | 14,500 | 11,600 | 19,900 | 71,300 | 30,400 | 600 | 400 | | 195,700 |
| 1978 | 900 | 800 | 700 | 1,400 | 20,600 | 13,200 | 20,700 | 13,700 | 38,100 | 23,000 | 2,200 | 200 | | 135,500 |
| 1979 | 1,800 | 600 | 500 | 1,100 | 15,300 | 9,100 | 20,300 | 29,600 | 48,300 | 17,900 | 1,700 | 200 | | 146,400 |
| 1980 | 900 | 500 | 700 | 1,300 | 17,100 | 13,300 | 12,700 | 17,900 | 43,900 | 20,900 | 0 | 100 | | 129,300 |
| 1981 | 1,100 | 800 | 1,000 | 1,200 | 17,500 | 11,600 | 15,100 | 2,300 | 41,000 | 19,200 | 100 | 400 | | 111,300 |
| 1982 | 0 | 1,600 | 1,100 | 1,500 | 20,300 | 10,200 | 14,300 | 12,700 | 28,700 | 14,000 | 0 | 0 | | 104,400 |
| 1983 | 2,300 | 600 | 700 | 300 | 16,300 | 10,600 | 11,800 | 16,800 | 27,800 | 13,200 | 3,700 | 300 | | 104,400 |
| 1984 | 1,700 | 1,100 | 700 | 900 | 9,500 | 35,500 | 13,200 | 13,000 | 32,500 | 18,700 | 500 | 500 | | 127,800 |
| 1985 | 1,600 | 1,000 | 1,400 | 1,800 | 16,500 | 15,300 | 10,900 | 7,700 | 23,700 | 11,500 | 0 | 900 | | 92,300 |
| 1986 | 700 | 600 | 800 | 1,700 | 13,000 | 9,300 | 6,700 | 9,000 | 9,000 | 8,800 | 0 | 800 | | 60,400 |
| 1987 | 1,100 | 1,800 | 600 | 1,100 | 11,900 | 6,300 | 5,400 | 8,800 | 21,200 | 11,600 | 0 | 700 | | 70,500 |
| 1988 | 2,200 | 1,300 | 500 | 800 | 12,600 | 8,000 | 14,000 | 6,000 | 15,300 | 11,000 | 0 | 0 | | 71,700 |
| 1989 | 1,500 | 700 | 300 | 1,400 | 15,600 | 11,500 | 8,000 | 4,900 | 12,000 | 8,300 | 200 | 0 | | 64,400 |
| 1990 | 4,400 | 500 | 700 | 1,700 | 19,800 | 8,300 | 5,600 | 10,200 | 13,600 | 7,700 | 600 | 100 | | 73,200 |
| 1991 | 400 | 600 | 900 | 800 | 7,600 | 4,300 | 4,500 | 4,600 | 5,700 | 4,000 | 100 | 100 | | 33,600 |
| 1992 | 0 | 904 | 84 | 473 | 6,327 | 4,857 | 5,214 | 2,076 | 6,930 | 6,521 | 169 | 67 | | 33,622 |
| 1993 | 1,133 | 1,228 | 911 | 682 | 11,113 | 4,946 | 5,103 | 3,263 | 3,907 | 4,447 | 65 | 0 | | 36,798 |
| 1994 | 946 | 707 | 1,093 | 1,084 | 10,887 | 4,526 | 4,769 | 7,229 | 7,252 | 4,727 | 0 | 63 | | 43,283 |
| 1995 | 1,727 | 454 | 965 | 1,240 | 7,831 | 4,552 | 8,974 | 6,521 | 7,537 | 4,476 | 0 | 0 | | 44,277 |
| 1996 | 1,246 | 478 | 897 | 1,234 | 5,043 | 4,011 | 10,323 | 14,477 | 9,621 | 5,367 | 0 | 0 | | 52,697 |
| 1997 | 785 | 139 | 116 | 493 | 7,423 | 5,560 | 13,248 | 13,656 | 13,883 | 5,422 | 37 | 0 | | 60,762 |
| 1998 | 1,026 | 0 | 653 | 757 | 7,735 | 6,361 | 14,347 | 11,099 | 11,119 | 6,462 | 19 | 276 | | 59,854 |
| 1999 | 390 | 1,137 | 755 | 1,790 | 8,956 | 6,457 | 9,830 | 10,610 | 10,304 | 5,464 | 0 | 0 | | 55,693 |
| 2000 | 470 | 509 | 499 | 581 | 6,480 | 5,397 | 2,633 | 13,468 | 9,488 | 2,240 | 38 | 0 | 0 | 41,803 |
| 2001 | 137 | 0 | 401 | 611 | 4,911 | 3,709 | 9,207 | 7,051 | 8,732 | 4,807 | 19 | 60 | 0 | 39,645 |
| 2002 | 1,153 | 78 | 543 | 702 | 5,527 | 9,910 | 13,879 | 13,055 | 7,640 | 4,551 | 0 | 0 | 0 | 57,038 |
| 2003 | 572 | 598 | 228 | 1,270 | 6,795 | 10,422 | 8,999 | 8,688 | 8,205 | 1,948 | 234 | 0 | 0 | 47,959 |
| 2004 | 30 | 317 | 129 | 702 | 6,394 | 5,208 | 12,624 | 23,803 | 8,380 | 2,363 | 0 | 0 | 0 | 59,950 |
| 2005 | 256 | 313 | 308 | 536 | 4,677 | 3,178 | 6,653 | 13,450 | 10,769 | 3,675 | 0 | 0 | 0 | 43,815 |
| 2006 | 176 | 939 | 90 | 382 | 5,067 | 4,861 | 8,579 | 11,853 | 12,527 | 2,004 | 39 | 0 | 0 | 46,517 |
| 2007 | 228 | 584 | 660 | 634 | 5,533 | 5,059 | 13,329 | 18,054 | 10,085 | 2,410 | 216 | 0 | 0 | 56,792 |
| 2008 | 442 | 254 | 398 | 432 | 4,985 | 5,775 | 10,995 | 10,479 | 12,612 | 3,002 | 0 | 0 | 0 | 49,374 |
| 2009 | 0 | 190 | 104 | 504 | 4,039 | 4,684 | 4,582 | 17,226 | 6,138 | 2,837 | 0 | 22 | 0 | 40,326 |
| 2010 | 296 | 955 | 832 | 609 | 6,209 | 6,410 | 4,894 | 13,625 | 6,708 | 2,062 | 0 | 0 | 0 | 42,600 |
| 2011 | 302 | 0 | 578 | 263 | 3,287 | 1,670 | 6,188 | 20,217 | 14,053 | 2,755 | 0 | 0 | 0 | 49,313 |
| 2012 | 0 | 435 | 62 | 0 | 2,216 | 2,364 | 2,519 | 15,474 | 14,307 | 4,464 | 0 | 0 | 0 | 41,841 |
| 2013 | 612 | 671 | 696 | 721 | 7,060 | 4,850 | 3,796 | 19,243 | 15,786 | 2,357 | 0 | 0 | 0 | 55,792 |
| 2014 | 88 | 0 | 532 | 109 | 2,729 | 3,350 | 3,903 | 30,717 | 20,996 | 3,603 | 0 | 440 | 0 | 66,467 |
| 2015 | 0 | 333 | 355 | 303 | 2,435 | 3,171 | 7,928 | 11,790 | 10,678 | 2,528 | 0 | 0 | 0 | 39,521 |
| 2016 | 430 | 0 | 287 | 162 | 2,780 | 2,861 | 7,469 | 11,869 | 7,920 | 2,492 | 0 | 0 | 0 | 35,840 |
| 2017 | 437 | 0 | 0 | 209 | 1,437 | 4,224 | 3,428 | 28,390 | 13,135 | 2,092 | 0 | 0 | 0 | 53,352 |
| 2018 | 349 | 0 | 442 | 302 | 2,482 | 2,993 | 2,648 | 15,714 | 9,429 | 1,986 | 0 | 168 | 0 | 36,513 |
| Averages: | | | | | | | | | | | | | | |
| Long Term | 945 | 628 | 624 | 888 | 11,903 | 8,131 | 11,029 | 17,947 | 26,773 | 12,609 | 303 | 154 | 0 | 91,644 |
| 3-yr | 405 | 0 | 243 | 224 | 2,233 | 3,359 | 4,515 | 18,658 | 10,161 | 2,190 | 0 | 56 | 0 | 41,902 |
| % Change from: | | | | | | | | | | | | | | |
| Long Term | -63.5 | -100.0 | -29.6 | -66.4 | -79.5 | -63.7 | -76.3 | -12.7 | -65.2 | -84.5 | -100.0 | 9.0 | #DIV/0! | -60.6 |
| 3-yr | -13.9 | ##### | 81.9 | 34.6 | 11.2 | -10.9 | -41.4 | -15.8 | -7.2 | -9.3 | #DIV/0! | 200.0 | #DIV/0! | -12.9 |
| 2017 | -20.1 | ##### | #DIV/0! | 44.5 | 72.7 | -29.1 | -22.8 | -44.6 | -28.2 | -5.1 | #DIV/0! | #DIV/0! | #DIV/0! | -31.6 |

[a]Estimated harvest using all parts, including those without dates.

[b]1968-71: Estimates are useful only for distribution of harvest among Provinces. These estimates are not comparable with estimates in subsequent years because different survey procedures were used.

**Age ratio (juvenile:adult) in the harvest for certain ducks in the Pacific Flyway (excluding Alaska) from the Harvest Information Program Parts Collection Survey, 1965–current.**

| Year | MALL | GADW | AMWI | AGWT | BWCT | NSHO | NOPI | WODU | REDH | CANV | GRSC | LESC | RNDU | COGO | BUFF | RUDU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | 1.88 | 3.13 | 2.19 | 1.24 | 1.15 | 2.73 | 1.98 | 1.89 | 3.54 | 2.87 | 1.30 | 2.86 | 2.18 | 1.91 | 1.34 | 1.61 |
| 1966 | 1.54 | 1.62 | 1.88 | 0.91 | 1.09 | 2.20 | 1.60 | 1.32 | 2.42 | 2.10 | 2.81 | 1.60 | 1.30 | 1.06 | 1.08 | 1.29 |
| 1967 | 1.73 | 2.60 | 2.28 | 1.09 | 2.01 | 2.21 | 1.65 | 2.21 | 2.58 | 1.95 | 1.44 | 1.36 | 3.02 | 2.39 | 1.76 | 0.98 |
| 1968 | 1.04 | 1.73 | 1.11 | 0.74 | 1.39 | 1.22 | 0.67 | 1.05 | 1.65 | 0.82 | 1.02 | 2.45 | 1.14 | 2.39 | 1.28 | 1.03 |
| 1969 | 2.02 | 3.55 | 2.38 | 1.35 | 1.47 | 2.99 | 2.64 | 1.34 | 3.07 | 2.77 | 1.07 | 1.06 | 0.96 | 2.31 | 1.30 | 1.86 |
| 1970 | 1.46 | 1.95 | 1.39 | 0.77 | 1.73 | 1.07 | 1.13 | 0.86 | 2.00 | 1.70 | 0.62 | 2.03 | 1.40 | 1.10 | 2.28 | 1.52 |
| 1971 | 1.44 | 3.18 | 1.71 | 1.16 | 1.81 | 1.49 | 1.05 | 2.60 | 1.72 | 1.55 | 1.59 | 1.38 | 2.14 | 1.75 | 0.95 | 1.30 |
| 1972 | 1.10 | 1.78 | 1.36 | 1.55 | 1.46 | 1.57 | 1.12 | 1.24 | 2.19 | closed | 5.55 | 1.52 | 1.28 | 1.04 | 0.90 | 0.97 |
| 1973 | 1.13 | 1.87 | 1.46 | 0.98 | 0.46 | 1.43 | 0.70 | 2.53 | 1.41 | 2.41 | 2.61 | 2.16 | 3.97 | 1.75 | 1.43 | 1.48 |
| 1974 | 1.90 | 1.75 | 2.29 | 1.35 | 0.94 | 1.87 | 1.31 | 2.14 | 2.22 | 2.89 | 1.00 | 1.13 | 1.91 | 1.88 | 2.39 | 2.74 |
| 1975 | 1.60 | 2.55 | 2.40 | 2.13 | 1.64 | 1.47 | 1.30 | 1.88 | 2.83 | 1.59 | 2.73 | 2.86 | 2.02 | 0.89 | 2.66 | 1.17 |
| 1976 | 1.69 | 1.68 | 2.00 | 0.91 | 1.69 | 1.58 | 1.02 | 1.86 | 1.88 | 1.27 | 3.08 | 3.20 | 1.49 | 1.26 | 1.69 | 0.96 |
| 1977 | 1.13 | 1.08 | 1.52 | 0.97 | 0.82 | 1.30 | 0.65 | 1.59 | 0.65 | 0.52 | 1.02 | 1.04 | 1.63 | 0.78 | 1.90 | 0.54 |
| 1978 | 1.80 | 2.57 | 2.06 | 1.30 | 1.41 | 1.29 | 1.76 | 1.36 | 3.38 | 1.32 | 4.95 | 3.56 | 1.18 | 1.54 | 2.14 | 1.30 |
| 1979 | 1.53 | 2.41 | 1.74 | 1.22 | 1.77 | 1.86 | 1.38 | 3.60 | 2.95 | 2.96 | 3.62 | 3.71 | 1.90 | 3.40 | 2.24 | 2.56 |
| 1980 | 1.12 | 1.68 | 1.33 | 1.03 | 1.52 | 1.17 | 0.62 | 1.44 | 2.11 | 1.28 | 1.47 | 1.68 | 1.41 | 2.21 | 2.14 | 0.99 |
| 1981 | 1.00 | 1.30 | 0.87 | 0.87 | 2.93 | 0.77 | 0.60 | 1.60 | 1.25 | 0.72 | 8.14 | 1.54 | 1.41 | 0.70 | 1.63 | 1.89 |
| 1982 | 1.26 | 1.65 | 1.02 | 0.79 | 1.52 | 0.93 | 0.74 | 2.22 | 1.91 | 0.89 | 0.29 | 0.87 | 1.27 | 0.73 | 1.74 | 0.51 |
| 1983 | 1.64 | 1.64 | 1.57 | 1.47 | 1.51 | 1.23 | 1.02 | 2.52 | 1.82 | 2.70 | 2.79 | 1.70 | 1.43 | 1.69 | 1.59 | 1.82 |
| 1984 | 1.25 | 1.30 | 1.42 | 1.04 | 1.86 | 1.45 | 0.89 | 1.64 | 0.93 | 0.68 | 2.78 | 1.74 | 0.91 | 0.83 | 2.14 | 0.91 |
| 1985 | 1.20 | 1.09 | 1.97 | 1.35 | 1.80 | 1.87 | 0.95 | 1.47 | 0.98 | 0.89 | 1.70 | 2.23 | 1.22 | 1.76 | 1.62 | 0.62 |
| 1986 | 1.47 | 1.73 | 2.09 | 1.55 | 2.24 | 1.97 | 1.03 | 1.43 | 1.62 | 0.84 | 1.54 | 1.58 | 1.51 | 1.57 | 1.18 | 2.07 |
| 1987 | 1.08 | 0.98 | 1.57 | 1.13 | 0.66 | 1.31 | 0.77 | 1.02 | 1.32 | 1.34 | 2.56 | 1.89 | 1.40 | 0.98 | 1.15 | 3.47 |
| 1988 | 0.81 | 1.43 | 1.23 | 0.90 | 1.03 | 0.94 | 0.66 | 0.96 | 0.65 | closed | 4.13 | 1.83 | 1.46 | 1.01 | 1.00 | 0.66 |
| 1989 | 1.31 | 1.84 | 1.40 | 1.26 | 1.90 | 1.67 | 0.83 | 2.70 | 1.36 | 1.45 | 3.21 | 3.16 | 2.47 | 0.99 | 1.10 | 1.32 |
| 1990 | 1.13 | 1.37 | 1.68 | 1.03 | 1.22 | 1.48 | 0.92 | 2.74 | 1.76 | 1.37 | 2.22 | 1.89 | 1.73 | 1.80 | 1.37 | 0.85 |
| 1991 | 0.84 | 1.02 | 0.96 | 1.18 | 2.42 | 1.12 | 0.79 | 1.22 | 1.23 | 2.71 | 1.79 | 2.10 | 2.24 | 1.02 | 1.18 | 1.96 |
| 1992 | 0.93 | 1.17 | 1.06 | 1.23 | 1.41 | 1.23 | 0.77 | 1.67 | 1.00 | 0.50 | 2.78 | 1.01 | 1.47 | 1.10 | 1.08 | 0.85 |
| 1993 | 1.47 | 2.02 | 1.63 | 1.62 | 1.38 | 1.64 | 1.04 | 1.43 | 2.04 | 0.88 | 3.47 | 2.26 | 1.47 | 1.07 | 0.99 | 0.64 |
| 1994 | 1.25 | 1.57 | 1.78 | 1.13 | 2.00 | 1.87 | 1.26 | 1.54 | 1.23 | 2.18 | 1.58 | 1.96 | 1.94 | 1.36 | 1.78 | 1.24 |
| 1995 | 1.02 | 1.55 | 1.37 | 1.15 | 1.14 | 1.48 | 0.85 | 1.60 | 1.56 | 1.42 | 2.70 | 2.23 | 1.20 | 0.76 | 0.97 | 1.00 |
| 1996 | 1.28 | 1.50 | 1.12 | 1.36 | 1.84 | 1.38 | 1.02 | 1.25 | 1.22 | 1.43 | 0.91 | 2.78 | 1.29 | 1.00 | 1.22 | 0.93 |
| 1997 | 1.52 | 1.30 | 1.47 | 1.50 | 1.75 | 2.22 | 1.62 | 1.53 | 1.16 | 1.89 | 1.28 | 1.88 | 2.54 | 1.18 | 1.79 | 2.16 |
| 1998 | 1.34 | 1.52 | 1.12 | 1.14 | 1.48 | 0.76 | 0.73 | 1.56 | 1.65 | 1.15 | 0.55 | 1.12 | 2.49 | 0.76 | 1.14 | 0.94 |
| 1999 | 0.98 | 0.98 | 0.86 | 1.00 | 1.00 | 0.92 | 0.99 | 1.26 | 0.87 | 0.82 | 0.57 | 0.90 | 1.83 | 0.49 | 1.41 | 0.39 |
| 2000 | 1.05 | 0.88 | 0.89 | 1.05 | 0.91 | 0.53 | 0.73 | 2.26 | 0.75 | 0.74 | 1.48 | 1.15 | 1.50 | 0.58 | 0.66 | 0.90 |
| 2001 | 1.19 | 0.80 | 1.02 | 1.05 | 1.29 | 0.66 | 0.65 | 1.31 | 0.50 | 1.15 | 0.51 | 1.64 | 1.53 | 0.64 | 1.33 | 0.63 |
| 2002 | 1.18 | 0.99 | 1.64 | 1.36 | 1.09 | 0.82 | 0.91 | 1.24 | 1.11 | closed | 0.97 | 1.60 | 1.25 | 1.14 | 1.11 | 0.57 |
| 2003 | 1.51 | 1.41 | 1.11 | 1.14 | 1.50 | 1.11 | 0.97 | 1.57 | 1.69 | 1.02 | 0.72 | 1.58 | 1.44 | 0.71 | 0.93 | 1.10 |
| 2004 | 1.43 | 0.96 | 1.23 | 1.28 | 0.87 | 1.09 | 0.69 | 2.39 | 1.54 | 0.65 | 1.71 | 1.74 | 1.46 | 0.78 | 1.18 | 0.64 |
| 2005 | 1.98 | 1.78 | 2.05 | 1.74 | 1.41 | 2.05 | 1.38 | 2.41 | 2.11 | 3.23 | 1.06 | 2.11 | 1.91 | 0.80 | 1.13 | 1.80 |
| 2006 | 1.82 | 1.13 | 1.38 | 1.45 | 1.07 | 1.40 | 0.98 | 2.06 | 1.50 | 1.30 | 0.56 | 1.77 | 1.59 | 0.98 | 0.78 | 1.26 |
| 2007 | 1.23 | 0.79 | 1.31 | 1.22 | 1.73 | 1.50 | 1.03 | 1.12 | 1.18 | 0.99 | 1.23 | 1.36 | 1.49 | 0.78 | 1.06 | 1.49 |
| 2008 | 1.19 | 0.79 | 1.09 | 0.92 | 0.83 | 0.70 | 0.54 | 1.23 | 0.52 | 0.00 | 1.22 | 2.57 | 1.21 | 1.19 | 0.71 | 0.42 |
| 2009 | 1.42 | 1.03 | 1.29 | 1.05 | 0.63 | 0.90 | 0.98 | 2.08 | 0.70 | 1.00 | 1.19 | 1.37 | 1.47 | 0.88 | 0.87 | 1.21 |
| 2010 | 1.63 | 1.34 | 1.34 | 0.87 | 0.94 | 1.51 | 1.24 | 1.43 | 1.27 | 1.37 | 0.64 | 1.07 | 1.75 | 0.83 | 1.02 | 1.92 |
| 2011 | 2.28 | 1.46 | 1.76 | 1.28 | 1.34 | 2.21 | 1.44 | 1.69 | 2.46 | 2.82 | 0.48 | 1.29 | 1.90 | 1.16 | 1.31 | 4.13 |
| 2012 | 1.35 | 0.84 | 1.21 | 0.93 | 1.14 | 0.79 | 0.71 | 1.36 | 1.12 | 0.90 | 1.06 | 2.07 | 2.17 | 1.11 | 1.18 | 1.00 |
| 2013 | 1.25 | 1.13 | 1.52 | 1.35 | 1.68 | 1.29 | 0.98 | 1.23 | 1.82 | 1.57 | 1.52 | 1.41 | 1.61 | 0.91 | 0.73 | 1.62 |
| 2014 | 1.25 | 1.32 | 1.58 | 1.30 | 1.19 | 1.35 | 1.10 | 1.96 | 1.39 | 1.68 | 1.21 | 1.82 | 2.14 | 0.64 | 1.10 | 1.43 |
| 2015 | 1.21 | 1.00 | 1.27 | 1.27 | 0.74 | 0.79 | 0.70 | 2.18 | 0.51 | 0.90 | 1.31 | 1.47 | 2.17 | 1.20 | 1.18 | 1.28 |
| 2016 | 1.25 | 0.97 | 0.95 | 0.90 | 0.83 | 0.68 | 0.77 | 1.70 | 0.73 | 1.03 | 0.92 | 1.14 | 1.27 | 1.43 | 0.62 | 3.21 |
| 2017 | 1.56 | 1.54 | 1.22 | 1.09 | 1.09 | 1.16 | 0.88 | 2.71 | 1.67 | 1.70 | 1.19 | 1.82 | 2.38 | 0.56 | 1.44 | 1.23 |
| 2018 | 0.94 | 1.09 | 1.21 | 0.81 | 1.30 | 0.97 | 0.67 | 2.03 | 1.29 | 1.05 | 1.41 | 1.67 | 1.53 | 0.94 | 1.22 | 2.47 |
| Averages: | | | | | | | | | | | | | | | | |
| Long Term | 1.36 | 1.54 | 1.49 | 1.18 | 1.39 | 1.39 | 1.03 | 1.74 | 1.59 | 1.47 | 1.88 | 1.83 | 1.70 | 1.22 | 1.35 | 1.39 |
| 3-yr | 1.25 | 1.20 | 1.13 | 0.93 | 1.07 | 0.94 | 0.77 | 2.15 | 1.23 | 1.26 | 1.17 | 1.54 | 1.73 | 0.97 | 1.10 | 2.30 |
| % Change from: | | | | | | | | | | | | | | | | |
| Long Term | -31.1 | -29.6 | -18.8 | -31.6 | -6.8 | -30.5 | -35.2 | 16.5 | -19.2 | -28.8 | -25.0 | -9.2 | -10.2 | -23.4 | -9.9 | 80.9 |
| 3-yr | -24.5 | -9.2 | 7.5 | -13.4 | 20.9 | 3.6 | -13.4 | -5.6 | 5.0 | -16.5 | 20.4 | 8.2 | -11.2 | -3.9 | 11.6 | 7.2 |
| 2017 | -39.4 | -29.2 | -0.8 | -25.6 | 18.5 | -16.2 | -23.7 | -25.2 | -22.8 | -38.1 | 18.5 | -8.3 | -35.6 | 67.0 | -15.3 | 100.4 |

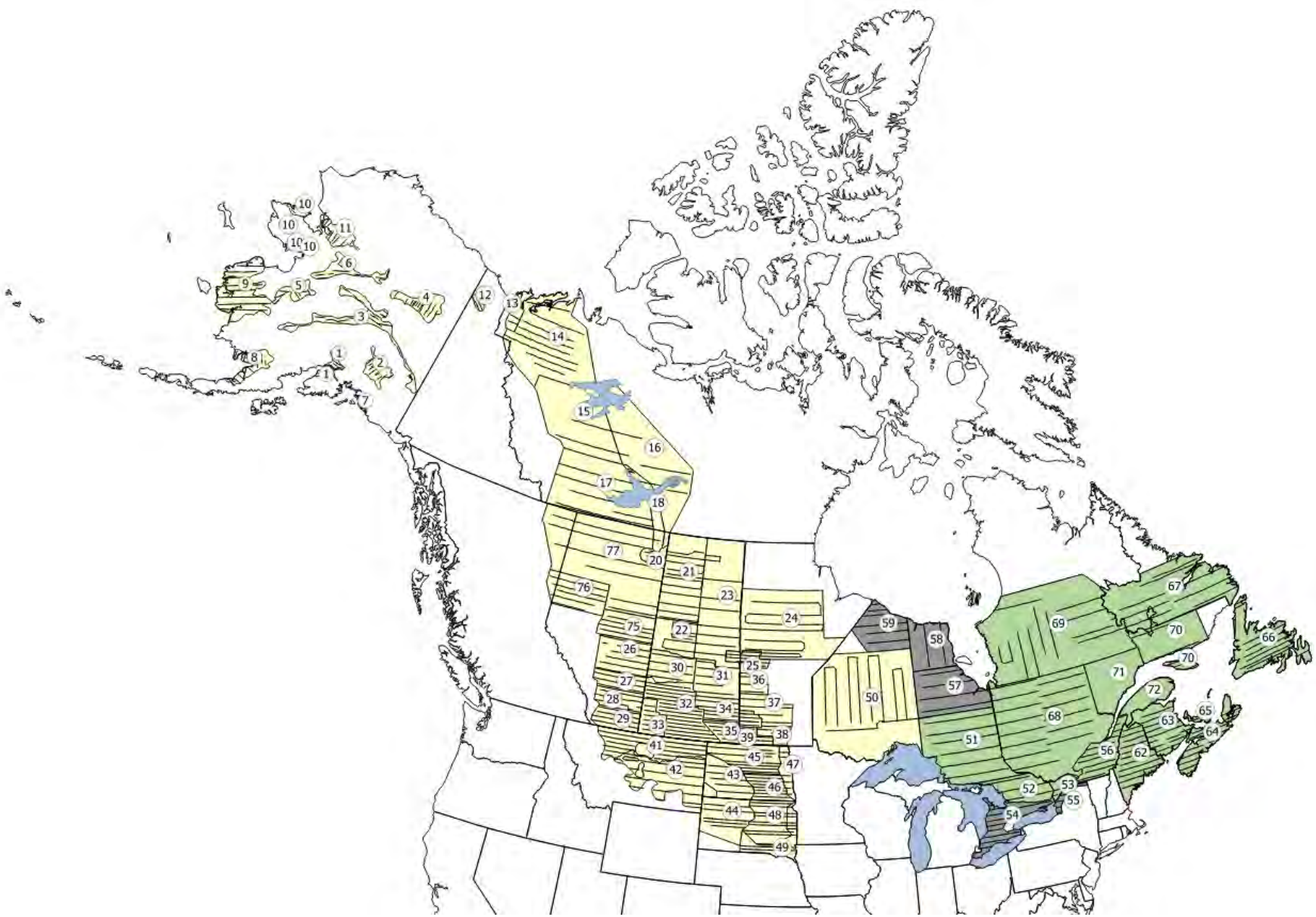
**Age ratio (juvenile:adult) and sample size (n) in the harvest for Snow, Ross's, White-fronted, and Canada geese in the Pacific Flyway (excluding Alaska) and for Emperor geese in Alaska, from the Harvest Information Program Waterfowl Parts Collection Survey, 1965–current.**

| | Snow[a] | | Ross's[ab] | | White-fronted[a] | | Canada[a] | | Pacific Brant[ab] | | Emperor[ab] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | ratio | n | ratio | n | ratio | n | ratio | n | ratio | n | ratio | n |
| 1965 | 0.16 | 166 | | | 1.05 | 186 | 0.30 | 920 | 0.38 | 44 | | |
| 1966 | 1.90 | 582 | | 3 | 1.52 | 218 | 0.36 | 978 | 1.45 | 22 | | 5 |
| 1967 | 0.33 | 305 | | 2 | 1.24 | 266 | 0.31 | 966 | 0.08 | 26 | | 9 |
| 1968 | 0.59 | 268 | | | 1.50 | 205 | 0.38 | 820 | 0.05 | 34 | | 4 |
| 1969 | 0.98 | 266 | | 8 | 2.06 | 207 | 0.46 | 750 | 0.47 | 28 | | 6 |
| 1970 | 1.52 | 398 | | 15 | 1.05 | 199 | 0.30 | 742 | | 1 | 0.33 | 20 |
| 1971 | 0.50 | 387 | | 13 | 1.44 | 126 | 0.32 | 760 | | 10 | | 6 |
| 1972 | 0.30 | 84 | | | 1.58 | 96 | 0.35 | 796 | 0.70 | 29 | | 4 |
| 1973 | 1.61 | 406 | | 15 | 0.88 | 159 | 0.28 | 827 | | 10 | | 2 |
| 1974 | 0.08 | 168 | 0.19 | 25 | 0.63 | 123 | 0.20 | 816 | | 12 | | 13 |
| 1975 | 2.60 | 298 | 3.06 | 22 | 1.21 | 130 | 0.44 | 908 | | 17 | | 4 |
| 1976 | 1.63 | 314 | | 17 | 1.84 | 94 | 0.39 | 629 | | 3 | 0.83 | 42 |
| 1977 | 0.66 | 197 | | 12 | 2.68 | 74 | 0.41 | 785 | 0.53 | 27 | 0.73 | 28 |
| 1978 | 0.39 | 103 | | 7 | 2.14 | 112 | 0.39 | 1,117 | | 7 | 0.89 | 36 |
| 1979 | 0.79 | 96 | | 14 | 2.12 | 61 | 0.44 | 1,032 | | 9 | | 14 |
| 1980 | 1.16 | 148 | | 14 | 1.59 | 82 | 0.35 | 1,031 | | 8 | 0.71 | 36 |
| 1981 | 1.23 | 352 | 0.51 | 35 | 0.96 | 109 | 0.22 | 1,552 | 0.19 | 25 | | 14 |
| 1982 | 0.24 | 139 | 1.11 | 26 | 0.83 | 56 | 0.17 | 1,235 | | 3 | | 10 |
| 1983 | 1.32 | 169 | 0.61 | 26 | 0.90 | 60 | 0.27 | 1,561 | | 10 | | 4 |
| 1984 | 0.75 | 344 | 3.22 | 48 | 0.80 | 37 | 0.44 | 1,407 | | 1 | | |
| 1985 | 0.90 | 389 | 1.05 | 50 | 0.41 | 59 | 0.20 | 1,467 | | | | 2 |
| 1986 | 0.14 | 202 | 0.48 | 24 | 0.56 | 40 | 0.18 | 1,241 | | 1 | | |
| 1987 | 1.34 | 224 | | 13 | 1.03 | 52 | 0.18 | 1,451 | | 3 | | |
| 1988 | 0.92 | 409 | | 11 | 0.89 | 52 | 0.25 | 2,249 | | | | |
| 1989 | 0.47 | 328 | 1.02 | 56 | 1.53 | 89 | 0.20 | 2,527 | | 7 | | |
| 1990 | 0.82 | 418 | 1.01 | 46 | 1.34 | 100 | 0.20 | 2,874 | 0.64 | 20 | | |
| 1991 | 0.31 | 441 | 0.26 | 47 | 1.46 | 148 | 0.20 | 2,350 | 0.29 | 25 | | |
| 1992 | 0.41 | 450 | 0.83 | 52 | 1.64 | 207 | 0.14 | 3,337 | 0.50 | 46 | | |
| 1993 | 1.29 | 705 | 1.29 | 97 | 1.61 | 164 | 0.16 | 3,376 | 0.31 | 63 | | |
| 1994 | 0.17 | 298 | 0.58 | 76 | 1.23 | 127 | 0.42 | 3,219 | 0.08 | 33 | | |
| 1995 | 0.55 | 364 | 1.20 | 48 | 1.02 | 118 | 0.22 | 2,676 | | 10 | | |
| 1996 | 0.79 | 472 | 1.55 | 111 | 0.52 | 170 | 0.25 | 2,585 | 0.86 | 32 | | |
| 1997 | 0.33 | 258 | 0.85 | 57 | 1.38 | 195 | 0.27 | 1,994 | 0.36 | 43 | | |
| 1998 | 1.05 | 313 | 1.28 | 40 | 1.85 | 138 | 0.19 | 1,786 | 0.51 | 70 | | |
| 1999 | 0.69 | 294 | 1.08 | 147 | 1.54 | 150 | 0.24 | 2,286 | 0.50 | 24 | | |
| 2000 | 0.38 | 225 | 0.50 | 42 | 0.80 | 147 | 0.19 | 2,736 | | 8 | | |
| 2001 | 0.34 | 290 | 0.70 | 74 | 0.73 | 141 | 0.19 | 2,723 | 0.55 | 27 | | |
| 2002 | 0.37 | 405 | 0.69 | 96 | 0.32 | 201 | 0.51 | 2,978 | | 9 | | |
| 2003 | 0.86 | 307 | 1.25 | 96 | 0.53 | 150 | 0.71 | 3,292 | | 14 | | |
| 2004 | 0.51 | 239 | 0.24 | 62 | 0.72 | 228 | 0.61 | 3,010 | 1.19 | 23 | | |
| 2005 | 1.36 | 517 | 0.91 | 60 | 1.16 | 340 | 0.47 | 3,136 | 1.16 | 30 | | |
| 2006 | 0.70 | 572 | 0.90 | 54 | 0.86 | 453 | 0.45 | 2,832 | 0.39 | 57 | | |
| 2007 | 0.64 | 631 | 0.22 | 50 | 0.68 | 359 | 0.44 | 2,992 | 1.01 | 92 | | |
| 2008 | 0.17 | 402 | 0.39 | 63 | 0.72 | 448 | 0.38 | 2,585 | 0.50 | 74 | | |
| 2009 | 0.67 | 392 | 0.10 | 52 | 1.42 | 311 | 0.50 | 2,537 | 1.35 | 134 | | |
| 2010 | 0.59 | 370 | 0.19 | 86 | 0.94 | 403 | 0.45 | 2,418 | 0.51 | 68 | | |
| 2011 | 0.84 | 383 | 0.31 | 86 | 0.71 | 356 | 0.50 | 1,688 | 1.01 | 47 | | |
| 2012 | 0.74 | 370 | 0.15 | 82 | 0.77 | 225 | 0.45 | 1,580 | 0.39 | 94 | | |
| 2013 | 0.43 | 216 | 0.43 | 70 | 0.44 | 254 | 0.56 | 1,821 | 0.12 | 80 | | |
| 2014 | 0.49 | 354 | 0.32 | 90 | 0.52 | 434 | 0.59 | 2,305 | 0.53 | 115 | | |
| 2015 | 0.78 | 304 | 0.69 | 62 | 1.05 | 312 | 0.47 | 2,074 | 0.26 | 75 | | |
| 2016 | 0.77 | 336 | 0.77 | 33 | 0.75 | 190 | 0.71 | 2,026 | 0.55 | 102 | | |
| 2017 | 0.81 | | 0.86 | | 0.29 | | 0.51 | | 0.25 | | | |
| 2018 | 0.43 | | 0.35 | | 0.45 | | 0.40 | | 1.21 | | | |
| Averages: | | | | | | | | | | | | |
| Long Term | 0.76 | 328 | 0.82 | 48 | 1.11 | 180 | 0.35 | 1,880 | 0.57 | 35 | 0.70 | 13.63 |
| 3-yr | 0.67 | 336 | 0.66 | 33 | 0.50 | 190 | 0.54 | 2,026 | 0.67 | 102 | #DIV/0! | #DIV/0! |
| % Change from: | | | | | | | | | | | | |
| Long Term | -43.3 | -100.0 | -57.4 | -100.0 | -59.6 | -100.0 | 11.7 | -100.0 | 118.7 | -100.0 | -100.0 | -100.0 |
| 3-yr | -35.5 | -100.0 | -46.3 | -100.0 | -9.0 | -100.0 | -26.7 | -100.0 | 80.6 | -100.0 | #DIV/0! | #DIV/0! |
| 2017 | -46.4 | #DIV/0! | -58.7 | #DIV/0! | 55.9 | #DIV/0! | -23.0 | #DIV/0! | 385.5 | #DIV/0! | #DIV/0! | #DIV/0! |

[a]Data prior to 1999 from Mail Questionnaire Harvest Survey.

[b]Ratio not shown if based on a sample of less than 20 parts.

## Waterfowl Breeding Population and Habitat Survey map




Strata and transects of the Waterfowl Breeding Population and Habitat Survey (yellow = traditional survey area, green = eastern survey area, grey = discontinued strata).

**Total[a] breeding population indices corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 1,781,205 | 9,820,018 | 7,363,576 | 1,143,587 | 13,983,983 | 877,949 | 1,617,779 | 1,128,318 | 767,429 | 975,376 | 144,348 | 39,603,569 |
| 1956 | 1,846,837 | 8,299,825 | 6,447,961 | 837,740 | 18,563,185 | 721,640 | 1,748,982 | 1,073,792 | 915,532 | 1,048,275 | 531,387 | 42,035,155 |
| 1957 | 1,490,530 | 6,774,797 | 6,220,527 | 872,912 | 12,754,231 | 850,105 | 1,874,560 | 1,031,808 | 1,072,858 | 1,110,582 | 144,186 | 34,197,095 |
| 1958 | 2,060,836 | 7,997,576 | 6,681,567 | 982,559 | 10,133,574 | 1,108,189 | 3,606,569 | 998,203 | 1,476,363 | 1,169,960 | 312,726 | 36,528,121 |
| 1959 | 2,429,972 | 17,176,163 | 5,759,959 | 1,423,177 | 6,211,575 | 1,216,512 | 3,106,009 | 970,553 | 693,132 | 608,746 | 494,092 | 40,089,890 |
| 1960 | 2,075,147 | 7,980,953 | 5,671,430 | 629,378 | 8,049,952 | 830,668 | 2,247,490 | 947,951 | 1,923,401 | 1,242,965 | 481,207 | 32,080,543 |
| 1961 | 2,101,221 | 11,564,207 | 4,807,274 | 759,347 | 4,466,700 | 791,595 | 1,752,580 | 928,722 | 1,025,460 | 1,214,184 | 417,688 | 29,828,978 |
| 1962 | 2,666,148 | 7,260,882 | 2,891,506 | 880,055 | 3,522,171 | 810,982 | 1,134,443 | 914,803 | 2,053,109 | 2,058,486 | 846,356 | 25,038,942 |
| 1963 | 2,538,138 | 7,347,403 | 4,015,320 | 1,058,166 | 4,091,997 | 833,656 | 1,754,439 | 906,818 | 2,119,846 | 2,424,862 | 518,807 | 27,609,452 |
| 1964 | 2,226,857 | 9,098,950 | 3,930,618 | 1,511,134 | 4,483,980 | 896,137 | 1,594,665 | 901,707 | 1,363,334 | 1,268,088 | 493,339 | 27,768,809 |
| 1965 | 2,025,075 | 6,823,654 | 3,757,129 | 1,243,265 | 4,268,854 | 1,109,525 | 1,461,923 | 1,099,290 | 2,506,952 | 1,442,024 | 165,415 | 25,903,106 |
| 1966 | 2,312,224 | 6,619,374 | 5,480,219 | 1,084,652 | 6,795,588 | 816,137 | 1,338,609 | 1,216,382 | 2,992,944 | 1,407,647 | 510,398 | 30,574,173 |
| 1967 | 2,329,222 | 5,579,444 | 6,223,747 | 1,702,476 | 7,927,195 | 1,504,651 | 1,865,001 | 1,039,467 | 3,124,357 | 981,959 | 411,046 | 32,688,565 |
| 1968 | 3,790,406 | 5,224,957 | 3,736,829 | 1,865,513 | 5,851,232 | 2,480,023 | 1,091,939 | 623,165 | 2,065,015 | 1,507,415 | 734,734 | 28,971,228 |
| 1969 | 2,507,773 | 5,149,542 | 5,054,735 | 1,893,202 | 8,298,588 | 2,371,235 | 1,775,385 | 978,626 | 3,111,880 | 2,205,979 | 413,931 | 33,760,876 |
| 1970 | 2,794,433 | 6,190,441 | 5,329,228 | 2,500,015 | 10,641,506 | 3,065,706 | 1,934,865 | 880,807 | 3,575,643 | 2,241,231 | 522,385 | 39,676,260 |
| 1971 | 2,187,506 | 6,759,669 | 6,454,811 | 1,555,367 | 10,445,035 | 1,634,293 | 1,330,553 | 694,646 | 3,555,092 | 1,702,866 | 585,235 | 36,905,073 |
| 1972 | 2,739,500 | 10,303,503 | 6,465,629 | 1,533,767 | 9,049,652 | 1,422,058 | 1,663,689 | 932,363 | 3,173,946 | 2,898,733 | 565,179 | 40,748,019 |
| 1973 | 3,096,160 | 7,767,893 | 5,489,452 | 1,531,552 | 6,857,063 | 1,309,643 | 1,271,985 | 714,667 | 2,026,002 | 1,904,118 | 605,362 | 32,573,897 |
| 1974 | 3,252,310 | 6,018,714 | 7,688,200 | 1,363,168 | 8,821,911 | 949,536 | 2,041,640 | 663,027 | 3,047,511 | 959,676 | 616,796 | 35,422,489 |
| 1975 | 2,170,021 | 7,397,431 | 6,454,469 | 1,467,166 | 11,016,392 | 1,087,623 | 1,590,331 | 1,204,982 | 3,211,808 | 1,564,354 | 628,223 | 37,792,799 |
| 1976 | 2,825,936 | 5,108,722 | 5,528,392 | 1,923,002 | 11,213,039 | 1,528,835 | 2,344,794 | 924,599 | 1,337,220 | 967,412 | 640,312 | 34,342,263 |
| 1977 | 4,848,057 | 7,697,788 | 3,818,760 | 1,708,197 | 8,289,366 | 1,628,994 | 1,082,410 | 557,690 | 963,001 | 801,882 | 652,812 | 32,048,956 |
| 1978 | 3,578,654 | 7,240,370 | 4,237,070 | 2,394,572 | 6,430,252 | 1,772,103 | 1,403,330 | 1,356,357 | 2,878,691 | 3,548,903 | 665,279 | 35,505,581 |
| 1979 | 3,073,537 | 8,021,969 | 5,409,235 | 2,240,477 | 9,309,080 | 1,423,400 | 1,545,777 | 1,227,459 | 3,423,500 | 2,270,326 | 677,254 | 38,622,013 |
| 1980 | 5,243,392 | 8,023,785 | 4,896,556 | 1,982,599 | 7,515,613 | 1,742,898 | 1,468,737 | 850,760 | 2,563,594 | 1,248,084 | 688,412 | 36,224,430 |
| 1981 | 5,259,379 | 7,826,380 | 4,708,515 | 2,143,677 | 4,580,525 | 2,065,756 | 1,396,068 | 887,524 | 1,827,865 | 873,070 | 698,529 | 32,267,288 |
| 1982 | 2,963,122 | 5,949,994 | 3,546,487 | 1,601,634 | 6,864,099 | 1,309,777 | 1,548,574 | 1,314,182 | 3,358,789 | 1,619,886 | 707,479 | 30,784,023 |
| 1983 | 3,479,605 | 8,166,925 | 3,046,925 | 1,789,428 | 7,348,757 | 1,285,491 | 1,330,724 | 716,249 | 2,590,055 | 2,165,733 | 715,317 | 32,635,210 |
| 1984 | 4,010,391 | 9,104,394 | 2,725,719 | 1,546,314 | 5,121,916 | 793,794 | 697,433 | 621,707 | 3,258,131 | 2,402,747 | 722,390 | 31,004,936 |
| 1985 | 2,745,684 | 5,928,982 | 3,111,103 | 1,619,054 | 5,612,458 | 998,448 | 947,758 | 426,342 | 2,007,262 | 1,511,816 | 729,345 | 25,638,252 |
| 1986 | 3,302,250 | 7,082,048 | 2,532,809 | 1,245,468 | 5,417,332 | 852,631 | 1,637,296 | 490,113 | 2,654,552 | 3,354,460 | 523,849 | 29,092,808 |
| 1987 | 3,362,563 | 7,307,102 | 3,040,816 | 1,717,543 | 4,260,117 | 956,446 | 1,125,964 | 654,029 | 2,299,965 | 2,166,325 | 521,239 | 27,412,109 |
| 1988 | 3,874,899 | 7,521,558 | 2,702,537 | 2,064,845 | 4,141,494 | 1,215,363 | 1,041,408 | 574,806 | 1,722,178 | 1,592,631 | 910,025 | 27,361,744 |
| 1989 | 3,590,758 | 6,820,218 | 2,449,654 | 1,354,078 | 3,380,651 | 1,266,109 | 873,403 | 741,013 | 1,611,193 | 2,097,029 | 928,648 | 25,112,754 |
| 1990 | 3,961,323 | 5,754,399 | 3,356,705 | 1,638,903 | 4,295,831 | 1,247,111 | 1,276,475 | 708,578 | 990,401 | 954,861 | 894,579 | 25,079,166 |
| 1991 | 4,392,449 | 5,755,659 | 3,070,198 | 2,435,534 | 4,203,776 | 1,389,583 | 984,686 | 648,600 | 983,180 | 2,053,518 | 688,412 | 26,605,595 |
| 1992 | 3,691,263 | 5,749,574 | 3,108,779 | 2,559,224 | 5,671,081 | 2,363,857 | 1,533,509 | 730,020 | 1,601,283 | 1,611,045 | 798,246 | 29,417,883 |
| 1993 | 3,635,535 | 5,918,746 | 3,443,064 | 1,991,379 | 3,576,271 | 1,673,499 | 872,589 | 878,016 | 1,483,448 | 1,926,953 | 912,907 | 26,312,407 |
| 1994 | 4,289,209 | 5,331,221 | 3,553,162 | 1,534,496 | 5,876,881 | 1,645,410 | 814,655 | 1,402,980 | 3,885,283 | 3,463,511 | 726,649 | 32,523,459 |
| 1995 | 4,298,317 | 5,790,068 | 3,270,109 | 1,574,431 | 6,896,092 | 1,668,258 | 1,521,973 | 1,250,482 | 4,916,094 | 4,037,377 | 646,439 | 35,869,640 |
| 1996 | 4,734,672 | 4,411,957 | 3,884,673 | 1,306,399 | 9,197,009 | 999,360 | 1,643,179 | 1,129,248 | 5,340,460 | 3,460,092 | 1,645,916 | 37,752,965 |
| 1997 | 4,185,762 | 6,574,765 | 3,809,144 | 1,774,786 | 10,554,579 | 1,201,393 | 1,514,687 | 1,950,247 | 5,483,378 | 4,762,159 | 745,444 | 42,556,343 |
| 1998 | 5,728,457 | 6,224,887 | 3,203,784 | 1,490,052 | 8,375,979 | 1,037,790 | 1,394,197 | 1,357,818 | 5,402,762 | 3,982,626 | 883,555 | 39,081,907 |
| 1999 | 5,184,532 | 8,316,165 | 3,315,025 | 2,076,724 | 9,687,396 | 1,179,351 | 1,681,824 | 1,276,050 | 6,257,141 | 3,878,478 | 583,114 | 43,435,799 |
| 2000 | 6,726,566 | 6,899,974 | 3,484,683 | 1,273,005 | 7,665,038 | 1,209,923 | 1,486,193 | 713,707 | 7,347,907 | 4,046,159 | 985,115 | 41,838,270 |
| 2001 | 6,427,121 | 5,489,402 | 2,520,783 | 1,258,563 | 6,441,812 | 988,834 | 1,792,923 | 784,991 | 5,766,758 | 4,297,407 | 408,865 | 36,177,460 |
| 2002 | 4,961,417 | 6,583,730 | 2,363,558 | 1,911,898 | 3,547,374 | 1,498,222 | 1,303,546 | 588,209 | 4,568,374 | 2,762,539 | 1,092,262 | 31,181,128 |
| 2003 | 5,704,917 | 6,461,001 | 2,696,066 | 1,468,173 | 9,295,864 | 1,175,859 | 1,582,276 | 962,075 | 3,870,388 | 2,088,355 | 920,147 | 36,225,121 |
| 2004 | 5,456,172 | 5,882,220 | 2,498,793 | 1,447,059 | 5,783,368 | 1,539,582 | 1,473,840 | 864,958 | 4,449,819 | 1,670,288 | 1,097,886 | 32,163,986 |
| 2005 | 5,113,856 | 4,712,530 | 3,178,226 | 1,368,173 | 7,966,659 | 1,001,104 | 1,626,997 | 644,951 | 3,679,363 | 1,588,859 | 854,216 | 31,734,935 |
| 2006 | 4,754,502 | 5,131,564 | 4,580,690 | 1,480,484 | 10,095,517 | 838,579 | 1,795,934 | 1,017,354 | 3,930,766 | 2,142,734 | 392,205 | 36,160,330 |
| 2007 | 5,689,815 | 6,137,361 | 4,293,057 | 1,339,519 | 11,036,231 | 1,213,151 | 1,321,546 | 967,252 | 4,830,718 | 3,684,138 | 659,402 | 41,172,191 |
| 2008 | 5,122,777 | 6,934,379 | 4,199,429 | 1,375,066 | 8,949,437 | 959,410 | 1,222,875 | 556,578 | 3,767,999 | 3,360,562 | 827,953 | 37,276,466 |
| 2009 | 4,345,259 | 6,933,755 | 3,287,868 | 1,933,077 | 8,052,927 | 1,309,844 | 1,371,363 | 1,205,237 | 8,205,730 | 4,789,690 | 570,091 | 42,004,841 |
| 2010 | 5,555,837 | 8,717,117 | 2,641,326 | 938,076 | 6,839,266 | 683,348 | 1,103,507 | 805,890 | 7,290,379 | 5,791,012 | 528,020 | 40,893,777 |
| 2011 | 3,755,695 | 7,094,613 | 4,371,665 | 1,263,105 | 10,680,675 | 619,430 | 1,554,026 | 1,418,443 | 8,015,496 | 6,224,370 | 556,770 | 45,554,287 |
| 2012 | 4,454,823 | 8,799,317 | 4,844,730 | 1,053,390 | 11,317,699 | 710,626 | 1,537,535 | 1,121,469 | 8,324,606 | 5,420,733 | 990,335 | 48,575,264 |
| 2013 | 3,296,294 | 8,323,318 | 4,471,154 | 1,249,279 | 12,258,341 | 1,300,650 | 1,575,034 | 899,333 | 6,888,188 | 4,454,415 | 891,312 | 45,607,319 |
| 2014 | 3,510,092 | 9,945,622 | 5,643,685 | 896,712 | 12,893,274 | 667,018 | 2,193,064 | 1,351,935 | 6,976,555 | 4,071,504 | 1,002,770 | 49,152,231 |
| 2015 | 3,389,463 | 11,546,133 | 5,677,678 | 1,518,334 | 13,542,131 | 1,133,440 | 1,988,198 | 1,391,052 | 5,892,979 | 2,566,847 | 875,440 | 49,521,695 |
| 2016 | 4,327,471 | 14,041,008 | 5,031,893 | 1,243,117 | 10,752,604 | 1,027,170 | 1,777,337 | 814,155 | 5,043,638 | 3,328,423 | 976,016 | 48,362,830 |
| 2017 | 3,987,272 | 11,422,720 | 6,444,258 | 1,184,521 | 12,151,560 | 710,880 | 1,748,036 | 1,194,200 | 5,097,571 | 2,659,302 | 665,328 | 47,265,648 |
| 2018 | 3,381,387 | 9,915,761 | 5,546,108 | 1,063,046 | 8,492,473 | 1,072,077 | 1,664,788 | 1,242,462 | 4,728,095 | 3,054,781 | 1,032,252 | 41,193,231 |
| 2019 | 2,612,134 | 10,376,817 | 4,574,722 | 1,001,367 | 6,478,728 | 864,576 | 1,221,617 | 1,228,194 | 4,865,916 | 5,081,180 | 593,650 | 38,898,901 |
| Averages: | | | | | | | | | | | | |
| Long Term | 3,680,833 | 7,540,483 | 4,369,904 | 1,504,877 | 7,973,768 | 1,237,804 | 1,551,162 | 958,422 | 3,510,497 | 2,488,796 | 682,600 | 35,499,146 |
| 3-yr | 3,326,931 | 10,571,766 | 5,521,696 | 1,082,978 | 9,040,920 | 882,511 | 1,544,814 | 1,221,619 | 4,897,194 | 3,598,421 | 763,743 | 42,452,593 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -29.1 | 38.6 | 4.8 | -33.7 | -19.2 | -30.3 | -21.5 | 28.8 | 39.0 | 106.5 | -13.0 | 9.8 |
| 3-yr | -21.5 | -1.8 | -17.2 | -7.5 | -28.3 | -2.0 | -20.9 | 0.5 | -0.6 | 41.2 | -22.3 | -8.4 |
| 2018 | -22.7 | 4.6 | -17.5 | -5.8 | -23.7 | -19.4 | -26.6 | -1.1 | 2.9 | 66.3 | -42.5 | -5.6 |

[a]Total includes American Black Duck, American Green-winged Teal, American Wigeon, Bufflehead, Blue-winged Teal, Canvasback, Gadwall, Goldeneye spp., Mallard, Northern Pintail, Northern Shoveler, Scaup spp., Redhead, Ring-necked Duck, and Ruddy Duck.

**Mallard breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 173,246 | 1,635,090 | 1,906,984 | 410,273 | 3,317,190 | 287,171 | 424,781 | 280,508 | 173,706 | 127,194 | 41,152 | 8,777,294 |
| 1956 | 174,466 | 1,472,958 | 1,757,634 | 504,848 | 4,691,429 | 403,021 | 627,975 | 279,070 | 199,516 | 158,004 | 183,768 | 10,452,690 |
| 1957 | 160,144 | 1,045,916 | 1,986,693 | 366,311 | 3,987,910 | 277,224 | 712,945 | 279,487 | 225,783 | 185,063 | 69,412 | 9,296,888 |
| 1958 | 185,939 | 1,385,330 | 2,072,202 | 514,102 | 4,533,958 | 586,439 | 920,607 | 280,913 | 402,371 | 208,351 | 144,031 | 11,234,244 |
| 1959 | 214,046 | 2,764,253 | 1,753,018 | 565,137 | 2,152,157 | 349,778 | 545,446 | 282,711 | 162,220 | 108,239 | 127,283 | 9,024,288 |
| 1960 | 159,377 | 760,753 | 1,502,358 | 265,627 | 2,967,483 | 243,445 | 526,169 | 284,448 | 288,540 | 176,576 | 196,876 | 7,371,652 |
| 1961 | 284,998 | 2,303,954 | 1,330,884 | 243,517 | 1,649,689 | 298,019 | 331,411 | 285,897 | 225,898 | 212,110 | 163,578 | 7,329,954 |
| 1962 | 171,743 | 1,285,875 | 983,105 | 217,203 | 1,125,920 | 303,783 | 193,720 | 286,960 | 238,120 | 367,342 | 362,134 | 5,535,905 |
| 1963 | 208,939 | 1,413,733 | 1,227,931 | 249,347 | 1,551,425 | 247,835 | 327,684 | 287,582 | 512,813 | 535,847 | 185,692 | 6,748,828 |
| 1964 | 106,147 | 1,364,808 | 1,119,407 | 397,212 | 1,387,258 | 231,092 | 418,015 | 287,740 | 271,112 | 261,100 | 219,974 | 6,063,865 |
| 1965 | 189,593 | 725,018 | 893,925 | 429,939 | 1,069,927 | 390,232 | 271,519 | 363,332 | 430,225 | 314,459 | 53,533 | 5,131,702 |
| 1966 | 128,491 | 828,963 | 1,546,738 | 359,498 | 1,975,568 | 191,860 | 333,193 | 489,369 | 507,131 | 216,322 | 154,744 | 6,731,878 |
| 1967 | 256,758 | 745,024 | 1,502,441 | 884,893 | 1,888,409 | 657,305 | 289,357 | 320,900 | 545,034 | 248,221 | 171,206 | 7,509,548 |
| 1968 | 240,929 | 942,097 | 911,963 | 685,672 | 2,132,153 | 772,618 | 197,783 | 198,498 | 434,642 | 450,675 | 122,208 | 7,089,238 |
| 1969 | 162,856 | 705,811 | 1,121,447 | 804,434 | 2,179,962 | 866,778 | 356,523 | 291,273 | 462,627 | 443,342 | 136,562 | 7,531,615 |
| 1970 | 293,897 | 941,420 | 1,594,553 | 995,521 | 2,945,486 | 1,148,041 | 447,844 | 311,489 | 736,613 | 415,243 | 155,766 | 9,985,873 |
| 1971 | 167,149 | 981,425 | 1,871,286 | 541,859 | 3,407,249 | 497,077 | 288,941 | 273,902 | 769,304 | 392,039 | 226,142 | 9,416,373 |
| 1972 | 261,877 | 1,435,377 | 1,825,320 | 487,928 | 2,711,463 | 382,274 | 431,017 | 374,195 | 673,999 | 492,991 | 189,109 | 9,265,550 |
| 1973 | 245,252 | 1,047,395 | 1,729,505 | 503,600 | 2,369,095 | 482,395 | 233,686 | 261,261 | 547,173 | 432,593 | 227,248 | 8,079,202 |
| 1974 | 278,242 | 822,886 | 1,576,215 | 391,694 | 2,073,786 | 227,873 | 341,429 | 198,227 | 458,415 | 276,526 | 234,860 | 6,880,153 |
| 1975 | 132,692 | 1,004,359 | 1,398,330 | 414,730 | 2,449,214 | 310,156 | 379,809 | 478,399 | 566,489 | 354,263 | 238,437 | 7,726,878 |
| 1976 | 181,397 | 465,460 | 1,453,591 | 634,169 | 3,044,740 | 579,185 | 540,411 | 167,955 | 367,999 | 256,226 | 242,454 | 7,933,588 |
| 1977 | 459,778 | 944,191 | 853,258 | 547,034 | 2,869,326 | 572,775 | 254,066 | 171,021 | 292,069 | 186,788 | 246,755 | 7,397,061 |
| 1978 | 318,842 | 951,721 | 823,488 | 916,508 | 1,917,559 | 628,856 | 290,484 | 282,539 | 506,552 | 537,335 | 251,083 | 7,424,968 |
| 1979 | 275,779 | 1,084,674 | 983,127 | 717,078 | 2,244,208 | 622,268 | 359,782 | 258,262 | 641,351 | 441,717 | 255,194 | 7,883,440 |
| 1980 | 399,102 | 1,164,920 | 975,156 | 588,179 | 2,262,999 | 562,066 | 414,664 | 256,221 | 485,352 | 338,864 | 258,960 | 7,706,483 |
| 1981 | 476,251 | 931,305 | 947,057 | 557,101 | 1,509,802 | 631,753 | 352,948 | 245,793 | 308,640 | 186,758 | 262,293 | 6,409,701 |
| 1982 | 254,727 | 757,380 | 765,771 | 502,446 | 1,941,081 | 420,651 | 419,630 | 323,534 | 466,460 | 291,667 | 265,128 | 6,408,475 |
| 1983 | 321,687 | 1,278,635 | 845,564 | 410,502 | 1,670,142 | 363,549 | 354,567 | 230,068 | 398,866 | 314,917 | 267,511 | 6,456,007 |
| 1984 | 504,182 | 715,489 | 713,044 | 377,548 | 1,364,736 | 218,811 | 176,720 | 189,805 | 550,325 | 334,941 | 269,670 | 5,415,271 |
| 1985 | 219,055 | 831,328 | 802,991 | 309,050 | 1,173,330 | 291,016 | 238,763 | 151,976 | 361,377 | 310,062 | 271,920 | 4,960,868 |
| 1986 | 233,539 | 1,419,972 | 698,795 | 291,326 | 1,542,604 | 171,796 | 382,585 | 156,860 | 487,789 | 531,993 | 206,977 | 6,124,236 |
| 1987 | 185,802 | 934,840 | 753,948 | 496,980 | 1,273,327 | 258,634 | 249,911 | 240,889 | 582,640 | 556,751 | 256,054 | 5,789,776 |
| 1988 | 356,711 | 1,304,591 | 627,426 | 647,899 | 1,389,229 | 332,157 | 273,493 | 217,998 | 354,946 | 374,120 | 490,771 | 6,369,341 |
| 1989 | 411,507 | 961,780 | 585,874 | 426,745 | 951,715 | 489,303 | 238,337 | 282,795 | 403,974 | 471,987 | 421,423 | 5,645,440 |
| 1990 | 366,933 | 945,897 | 778,677 | 510,374 | 1,253,692 | 413,673 | 292,954 | 148,364 | 142,208 | 183,525 | 416,088 | 5,452,385 |
| 1991 | 385,319 | 905,433 | 769,227 | 600,071 | 1,031,104 | 451,958 | 236,481 | 222,694 | 261,820 | 342,556 | 237,917 | 5,444,580 |
| 1992 | 345,708 | 882,323 | 733,528 | 497,846 | 1,293,391 | 573,396 | 334,241 | 239,903 | 364,119 | 360,605 | 351,017 | 5,976,077 |
| 1993 | 282,983 | 941,493 | 753,847 | 506,686 | 1,036,406 | 533,026 | 243,692 | 288,604 | 374,137 | 491,482 | 255,939 | 5,708,293 |
| 1994 | 350,875 | 734,870 | 848,784 | 488,337 | 1,380,293 | 653,039 | 300,840 | 368,652 | 900,684 | 715,853 | 237,839 | 6,980,066 |
| 1995 | 524,200 | 1,010,534 | 778,457 | 541,940 | 1,808,542 | 565,237 | 416,244 | 365,957 | 1,063,877 | 919,702 | 274,725 | 8,269,415 |
| 1996 | 522,006 | 676,727 | 793,817 | 364,846 | 2,142,740 | 286,503 | 358,512 | 386,939 | 1,100,478 | 839,766 | 468,980 | 7,941,315 |
| 1997 | 584,247 | 1,205,629 | 883,563 | 561,148 | 2,450,765 | 348,194 | 436,468 | 641,219 | 1,377,709 | 1,323,164 | 127,589 | 9,939,695 |
| 1998 | 836,216 | 1,054,582 | 950,114 | 539,919 | 2,448,699 | 250,592 | 439,468 | 549,486 | 1,267,718 | 1,035,640 | 267,929 | 9,640,364 |
| 1999 | 713,054 | 2,040,801 | 1,031,842 | 689,425 | 2,528,577 | 322,345 | 514,435 | 319,037 | 1,490,922 | 1,016,387 | 138,857 | 10,805,682 |
| 2000 | 770,333 | 1,288,093 | 833,157 | 474,891 | 2,266,723 | 413,433 | 367,667 | 304,085 | 1,482,785 | 1,108,387 | 160,656 | 9,470,212 |
| 2001 | 718,286 | 979,033 | 743,759 | 342,629 | 1,649,653 | 158,540 | 445,965 | 239,131 | 1,484,312 | 1,040,498 | 102,149 | 7,903,955 |
| 2002 | 667,339 | 1,182,336 | 793,296 | 468,202 | 1,212,517 | 404,834 | 400,670 | 185,751 | 1,247,730 | 699,279 | 241,753 | 7,503,707 |
| 2003 | 843,497 | 851,810 | 627,097 | 375,453 | 2,110,665 | 284,152 | 504,996 | 279,704 | 1,051,070 | 577,518 | 443,781 | 7,949,743 |
| 2004 | 811,135 | 776,385 | 600,099 | 362,971 | 1,609,494 | 390,372 | 393,429 | 262,813 | 1,152,912 | 535,664 | 530,040 | 7,425,314 |
| 2005 | 703,140 | 533,133 | 671,364 | 270,522 | 1,728,862 | 168,360 | 454,765 | 177,533 | 1,070,824 | 478,504 | 498,260 | 6,755,268 |
| 2006 | 515,821 | 558,073 | 900,747 | 326,918 | 1,831,707 | 150,157 | 511,286 | 348,495 | 1,247,464 | 707,311 | 178,561 | 7,276,538 |
| 2007 | 581,493 | 887,452 | 830,157 | 295,646 | 2,155,069 | 248,192 | 387,183 | 319,737 | 1,399,546 | 882,490 | 320,331 | 8,307,296 |
| 2008 | 532,414 | 1,079,188 | 875,215 | 339,320 | 1,907,131 | 250,037 | 380,904 | 190,959 | 1,010,511 | 701,411 | 456,719 | 7,723,809 |
| 2009 | 502,970 | 1,079,740 | 753,955 | 422,127 | 1,866,899 | 272,408 | 417,281 | 187,216 | 1,716,724 | 1,057,129 | 235,928 | 8,512,378 |
| 2010 | 605,556 | 1,423,198 | 597,692 | 306,668 | 1,698,950 | 149,829 | 350,824 | 209,104 | 1,604,501 | 1,139,697 | 344,118 | 8,430,138 |
| 2011 | 415,825 | 974,976 | 938,591 | 316,456 | 2,093,040 | 183,837 | 521,185 | 367,036 | 1,757,278 | 1,286,307 | 328,059 | 9,182,591 |
| 2012 | 505,583 | 1,547,098 | 1,260,530 | 197,874 | 2,502,082 | 246,273 | 401,020 | 423,239 | 1,718,486 | 1,204,964 | 594,366 | 10,601,516 |
| 2013 | 338,379 | 1,020,349 | 1,141,041 | 362,745 | 2,575,586 | 391,731 | 448,205 | 431,852 | 1,872,567 | 1,116,414 | 673,022 | 10,371,890 |
| 2014 | 500,879 | 1,757,212 | 1,443,553 | 303,596 | 2,553,334 | 160,928 | 601,731 | 463,744 | 1,543,249 | 909,698 | 661,898 | 10,899,822 |
| 2015 | 470,915 | 1,981,061 | 1,391,683 | 695,675 | 3,068,413 | 548,630 | 538,152 | 404,490 | 1,352,257 | 707,984 | 484,060 | 11,643,321 |
| 2016 | 584,200 | 2,524,465 | 1,487,897 | 652,095 | 2,784,121 | 388,987 | 470,408 | 283,132 | 1,189,388 | 800,278 | 627,558 | 11,792,529 |
| 2017 | 538,451 | 1,836,830 | 1,290,954 | 435,274 | 2,725,103 | 240,819 | 587,162 | 390,704 | 1,325,095 | 720,039 | 398,030 | 10,488,461 |
| 2018 | 450,750 | 1,549,853 | 1,327,872 | 380,790 | 2,093,517 | 376,293 | 460,480 | 267,913 | 1,161,357 | 666,612 | 519,716 | 9,255,153 |
| 2019 | 361,060 | 1,700,754 | 971,539 | 385,196 | 1,712,412 | 343,820 | 441,469 | 370,111 | 1,596,512 | 1,164,303 | 376,236 | 9,423,411 |
| Averages: | | | | | | | | | | | | |
| Long Term | 386,534 | 1,158,278 | 1,096,047 | 471,870 | 2,111,400 | 391,797 | 396,990 | 295,530 | 790,282 | 557,597 | 284,954 | 7,941,280 |
| 3-yr | 450,087 | 1,695,812 | 1,196,788 | 400,420 | 2,177,011 | 320,311 | 496,370 | 342,909 | 1,360,988 | 850,318 | 431,328 | 9,722,342 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -6.7 | 47.9 | -11.5 | -18.6 | -19.1 | -12.4 | 11.4 | 25.7 | 105.3 | 112.4 | 32.7 | 19.0 |
| 3-yr | -19.8 | 0.3 | -18.8 | -3.8 | -21.3 | 7.3 | -11.1 | 7.9 | 17.3 | 36.9 | -12.8 | -3.1 |
| 2018 | -19.9 | 9.7 | -26.8 | 1.2 | -18.2 | -8.6 | -4.1 | 38.1 | 37.5 | 74.7 | -27.6 | 1.8 |

**Northern Pintail breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 662,213 | 1,161,391 | 1,591,524 | 21,000 | 5,076,494 | 121,679 | 213,432 | 469,606 | 260,135 | 197,602 | 0 | 9,775,075 |
| 1956 | 676,914 | 687,713 | 1,521,459 | 48,017 | 6,222,181 | 12,087 | 284,112 | 428,270 | 283,170 | 199,278 | 9,600 | 10,372,801 |
| 1957 | 399,215 | 585,165 | 1,250,631 | 16,218 | 3,245,914 | 19,777 | 192,281 | 393,643 | 303,660 | 200,382 | 0 | 6,606,886 |
| 1958 | 752,478 | 1,133,922 | 1,223,870 | 7,000 | 1,813,032 | 23,537 | 187,395 | 363,966 | 330,381 | 202,340 | 0 | 6,037,921 |
| 1959 | 1,051,707 | 2,583,695 | 832,648 | 39,492 | 775,041 | 26,262 | 127,774 | 338,157 | 62,756 | 25,486 | 9,722 | 5,872,740 |
| 1960 | 742,531 | 697,882 | 1,087,483 | 10,386 | 1,665,516 | 40,593 | 217,171 | 315,459 | 632,667 | 305,705 | 6,767 | 5,722,160 |
| 1961 | 634,899 | 1,277,718 | 513,319 | 96,608 | 846,659 | 32,440 | 97,951 | 295,328 | 244,866 | 175,384 | 2,986 | 4,218,159 |
| 1962 | 864,991 | 447,030 | 328,585 | 5,333 | 581,072 | 25,124 | 104,810 | 279,121 | 429,630 | 557,827 | 0 | 3,623,524 |
| 1963 | 860,955 | 307,522 | 811,931 | 24,846 | 823,901 | 26,675 | 177,122 | 267,319 | 320,684 | 221,604 | 3,455 | 3,846,015 |
| 1964 | 773,552 | 475,679 | 417,623 | 27,249 | 853,386 | 32,756 | 114,949 | 256,917 | 230,271 | 108,845 | 0 | 3,291,227 |
| 1965 | 586,251 | 453,537 | 777,086 | 14,150 | 716,564 | 20,412 | 129,038 | 287,381 | 478,551 | 128,948 | 0 | 3,591,918 |
| 1966 | 717,673 | 202,821 | 1,265,152 | 22,659 | 1,504,782 | 13,342 | 96,677 | 262,948 | 495,296 | 228,857 | 1,727 | 4,811,934 |
| 1967 | 681,344 | 148,650 | 1,559,463 | 12,775 | 1,671,102 | 26,918 | 168,713 | 277,264 | 544,897 | 186,567 | 0 | 5,277,693 |
| 1968 | 1,444,503 | 227,653 | 501,554 | 23,754 | 809,172 | 52,719 | 54,594 | 72,242 | 169,388 | 129,066 | 4,751 | 3,489,395 |
| 1969 | 645,624 | 98,275 | 1,584,537 | 16,710 | 1,956,154 | 86,549 | 266,267 | 156,393 | 693,690 | 396,592 | 3,097 | 5,903,888 |
| 1970 | 733,465 | 165,221 | 1,366,414 | 50,116 | 2,417,173 | 99,953 | 198,759 | 191,248 | 831,647 | 333,346 | 4,645 | 6,391,987 |
| 1971 | 452,464 | 132,797 | 1,763,054 | 7,104 | 2,222,040 | 65,102 | 139,535 | 124,271 | 690,018 | 247,793 | 3,025 | 5,847,204 |
| 1972 | 898,932 | 468,661 | 1,716,409 | 12,477 | 2,261,553 | 18,243 | 211,972 | 240,596 | 749,088 | 395,438 | 5,585 | 6,978,954 |
| 1973 | 1,120,482 | 378,960 | 1,025,103 | 18,301 | 1,006,310 | 27,390 | 73,556 | 167,738 | 257,067 | 275,120 | 6,193 | 4,356,220 |
| 1974 | 937,980 | 320,614 | 2,123,070 | 10,475 | 2,185,998 | 12,316 | 301,804 | 116,837 | 487,140 | 99,102 | 2,847 | 6,598,182 |
| 1975 | 651,918 | 442,791 | 1,553,133 | 22,807 | 2,050,332 | 27,342 | 216,198 | 259,226 | 455,636 | 218,206 | 2,781 | 5,900,370 |
| 1976 | 854,383 | 267,420 | 956,502 | 27,342 | 2,549,564 | 21,972 | 249,401 | 226,045 | 208,596 | 111,709 | 2,711 | 5,475,644 |
| 1977 | 1,931,166 | 551,600 | 345,799 | 18,581 | 672,535 | 37,196 | 26,195 | 118,461 | 91,100 | 130,825 | 2,635 | 3,926,093 |
| 1978 | 1,011,857 | 263,202 | 1,087,568 | 43,425 | 961,787 | 31,321 | 90,648 | 348,892 | 588,480 | 678,446 | 2,552 | 5,108,179 |
| 1979 | 752,148 | 236,300 | 1,456,351 | 12,985 | 1,579,919 | 17,960 | 195,928 | 324,778 | 517,345 | 279,961 | 2,458 | 5,376,133 |
| 1980 | 1,816,457 | 296,128 | 842,287 | 14,309 | 897,591 | 12,243 | 68,588 | 146,576 | 291,799 | 119,748 | 2,351 | 4,508,077 |
| 1981 | 1,488,696 | 346,317 | 657,342 | 24,776 | 526,183 | 29,375 | 59,014 | 157,301 | 135,216 | 53,035 | 2,224 | 3,479,479 |
| 1982 | 788,226 | 112,303 | 576,822 | 14,626 | 1,222,040 | 5,094 | 107,096 | 306,898 | 369,370 | 204,208 | 2,074 | 3,708,758 |
| 1983 | 925,329 | 410,376 | 380,814 | 1,420 | 1,029,352 | 22,772 | 97,235 | 88,288 | 329,403 | 223,757 | 1,895 | 3,510,642 |
| 1984 | 925,967 | 460,038 | 299,777 | 8,819 | 492,073 | 10,847 | 26,871 | 99,750 | 375,459 | 263,519 | 1,681 | 2,964,801 |
| 1985 | 637,131 | 291,798 | 593,397 | 4,591 | 520,629 | 4,964 | 40,786 | 56,540 | 198,915 | 165,314 | 1,428 | 2,515,493 |
| 1986 | 882,518 | 185,630 | 242,646 | 10,888 | 545,934 | 6,194 | 120,539 | 95,893 | 259,981 | 389,524 | 0 | 2,739,747 |
| 1987 | 959,434 | 231,444 | 447,350 | 11,214 | 343,843 | 25,237 | 56,304 | 146,019 | 191,641 | 212,761 | 3,097 | 2,628,344 |
| 1988 | 1,142,541 | 198,857 | 171,394 | 10,358 | 113,754 | 5,313 | 33,566 | 61,603 | 149,721 | 118,415 | 0 | 2,005,522 |
| 1989 | 878,625 | 213,321 | 313,638 | 1,869 | 363,716 | 8,675 | 16,783 | 58,023 | 108,964 | 148,288 | 0 | 2,111,902 |
| 1990 | 1,102,962 | 170,079 | 317,734 | 7,135 | 336,665 | 5,778 | 55,256 | 131,150 | 61,778 | 63,448 | 4,645 | 2,256,630 |
| 1991 | 1,026,244 | 225,580 | 116,271 | 17,483 | 220,989 | 10,833 | 23,785 | 43,099 | 49,285 | 69,816 | 0 | 1,803,385 |
| 1992 | 899,710 | 275,123 | 103,933 | 3,163 | 456,880 | 15,659 | 90,449 | 75,490 | 112,069 | 65,662 | 0 | 2,098,139 |
| 1993 | 743,329 | 228,928 | 372,521 | 2,858 | 240,368 | 3,983 | 37,524 | 130,383 | 126,874 | 166,650 | 0 | 2,053,418 |
| 1994 | 787,540 | 104,885 | 383,404 | 5,547 | 785,173 | 7,885 | 47,704 | 244,538 | 375,517 | 230,075 | 0 | 2,972,266 |
| 1995 | 809,938 | 102,228 | 198,200 | 16,427 | 554,227 | 23,773 | 109,443 | 154,535 | 424,940 | 364,156 | 0 | 2,757,866 |
| 1996 | 776,099 | 56,382 | 333,503 | 1,944 | 807,418 | 1,764 | 84,460 | 135,555 | 351,481 | 187,257 | 0 | 2,735,862 |
| 1997 | 647,490 | 249,472 | 472,805 | 17,698 | 1,123,865 | 4,603 | 64,691 | 209,306 | 418,148 | 349,913 | 0 | 3,557,991 |
| 1998 | 945,957 | 186,398 | 166,284 | 5,172 | 551,839 | 3,786 | 63,689 | 110,902 | 281,172 | 205,449 | 0 | 2,520,649 |
| 1999 | 1,021,885 | 182,712 | 114,998 | 2,786 | 875,231 | 5,973 | 61,508 | 131,841 | 459,058 | 201,896 | 0 | 3,057,888 |
| 2000 | 1,452,235 | 220,276 | 188,826 | 9,598 | 463,613 | 6,272 | 44,686 | 58,737 | 262,801 | 200,516 | 0 | 2,907,559 |
| 2001 | 1,426,489 | 174,979 | 66,077 | 3,717 | 680,017 | 6,193 | 97,079 | 79,030 | 377,027 | 385,387 | 0 | 3,295,994 |
| 2002 | 941,985 | 187,162 | 72,984 | 1,897 | 181,841 | 9,543 | 31,572 | 46,953 | 227,695 | 88,076 | 0 | 1,789,710 |
| 2003 | 848,188 | 169,798 | 251,949 | 2,547 | 993,374 | 3,060 | 39,240 | 94,951 | 116,096 | 39,027 | 0 | 2,558,229 |
| 2004 | 927,354 | 193,399 | 161,341 | 6,106 | 473,686 | 4,229 | 39,665 | 77,921 | 237,066 | 63,835 | 0 | 2,184,602 |
| 2005 | 905,431 | 108,257 | 282,273 | 7,686 | 857,542 | 764 | 67,944 | 45,605 | 212,799 | 72,231 | 0 | 2,560,530 |
| 2006 | 1,041,069 | 125,819 | 610,998 | 1,876 | 1,023,592 | 3,975 | 57,308 | 181,309 | 215,751 | 124,728 | 0 | 3,386,425 |
| 2007 | 1,134,655 | 234,388 | 324,150 | 1,218 | 960,301 | 4,212 | 14,908 | 76,247 | 316,508 | 268,716 | 0 | 3,335,302 |
| 2008 | 1,249,960 | 331,197 | 240,017 | 3,160 | 422,765 | 929 | 29,409 | 28,618 | 147,074 | 159,711 | 0 | 2,612,841 |
| 2009 | 929,569 | 243,149 | 171,944 | 7,565 | 444,195 | 12,249 | 47,846 | 159,917 | 746,512 | 460,363 | 1,649 | 3,224,957 |
| 2010 | 1,163,793 | 338,009 | 241,683 | 2,393 | 331,830 | 3,250 | 18,434 | 70,590 | 681,825 | 656,751 | 0 | 3,508,558 |
| 2011 | 745,505 | 121,076 | 655,024 | 6,163 | 1,106,403 | 3,822 | 38,479 | 140,518 | 1,032,158 | 579,502 | 0 | 4,428,650 |
| 2012 | 1,175,893 | 78,534 | 357,036 | 12,363 | 605,083 | 3,480 | 22,116 | 106,723 | 654,673 | 457,182 | 0 | 3,473,083 |
| 2013 | 994,601 | 234,809 | 367,741 | 4,271 | 824,863 | 5,267 | 35,652 | 50,751 | 584,544 | 232,496 | 0 | 3,334,993 |
| 2014 | 701,066 | 317,553 | 461,002 | 3,667 | 739,387 | 1,505 | 49,111 | 109,064 | 588,093 | 249,847 | 0 | 3,220,296 |
| 2015 | 668,404 | 638,529 | 259,839 | 21,486 | 719,989 | 29,194 | 40,610 | 107,045 | 382,115 | 174,239 | 1,563 | 3,043,012 |
| 2016 | 815,822 | 798,818 | 167,973 | 3,590 | 288,741 | 10,397 | 19,358 | 45,227 | 291,444 | 175,509 | 1,587 | 2,618,468 |
| 2017 | 756,963 | 675,067 | 301,074 | 3,760 | 560,615 | 4,484 | 30,760 | 57,429 | 386,584 | 110,932 | 1,563 | 2,889,231 |
| 2018 | 650,554 | 497,470 | 343,870 | 6,995 | 268,640 | 8,427 | 11,094 | 110,392 | 274,118 | 187,366 | 6,395 | 2,365,322 |
| 2019 | 430,591 | 529,713 | 133,277 | 657 | 163,516 | 2,709 | 13,851 | 223,575 | 293,889 | 476,687 | 0 | 2,268,466 |
| Averages: | | | | | | | | | | | | |
| Long Term | 907,782 | 376,342 | 637,299 | 13,902 | 1,085,938 | 19,360 | 94,626 | 169,791 | 360,857 | 230,776 | 1,688 | 3,898,360 |
| 3-yr | 612,703 | 567,417 | 259,407 | 3,804 | 330,924 | 5,207 | 18,569 | 130,466 | 318,197 | 258,328 | 2,653 | 2,507,673 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -53.0 | 41.7 | -79.3 | -95.3 | -85.1 | -86.2 | -85.6 | 32.3 | -18.8 | 110.1 | -100.0 | -42.2 |
| 3-yr | -29.7 | -6.6 | -48.6 | -82.7 | -50.6 | -48.0 | -25.4 | 71.4 | -7.6 | 84.5 | -100.0 | -9.5 |
| 2018 | -33.8 | 6.5 | -61.2 | -90.6 | -39.1 | -67.9 | 24.8 | 102.5 | 7.2 | 154.4 | -100.0 | -4.1 |

**Gadwall breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 582 | 1,301 | 200,319 | 1,013 | 359,048 | 3,831 | 27,595 | 57,809 | 0 | 0 | 0 | 651,497 |
| 1956 | 533 | 983 | 269,942 | 1,015 | 422,148 | 0 | 18,892 | 59,127 | 0 | 0 | 0 | 772,639 |
| 1957 | 926 | 1,566 | 187,084 | 0 | 375,700 | 5,559 | 23,559 | 60,482 | 11,951 | 0 | 0 | 666,826 |
| 1958 | 121 | 3,536 | 219,587 | 0 | 136,737 | 0 | 34,053 | 61,664 | 44,779 | 1,565 | 0 | 502,042 |
| 1959 | 1,106 | 1,768 | 275,747 | 25,705 | 171,409 | 9,194 | 26,280 | 62,584 | 13,395 | 0 | 2,770 | 589,959 |
| 1960 | 713 | 0 | 369,182 | 1,013 | 227,008 | 354 | 27,597 | 63,201 | 85,151 | 9,852 | 0 | 784,071 |
| 1961 | 95 | 12,931 | 279,615 | 28,593 | 126,780 | 15,094 | 52,821 | 63,533 | 56,431 | 18,938 | 0 | 654,832 |
| 1962 | 486 | 9,104 | 207,811 | 7,091 | 342,747 | 5,301 | 38,765 | 63,648 | 156,176 | 73,946 | 0 | 905,075 |
| 1963 | 0 | 1,455 | 198,773 | 9,355 | 319,375 | 13,791 | 70,482 | 64,234 | 213,813 | 164,020 | 0 | 1,055,298 |
| 1964 | 742 | 9,781 | 256,634 | 8,527 | 317,564 | 16,266 | 54,384 | 65,577 | 86,000 | 53,567 | 4,331 | 873,374 |
| 1965 | 133 | 7,580 | 200,306 | 26,426 | 481,176 | 15,382 | 39,122 | 147,941 | 226,791 | 115,418 | 0 | 1,260,275 |
| 1966 | 1,392 | 1,879 | 479,606 | 21,157 | 575,370 | 9,267 | 78,826 | 130,496 | 269,506 | 112,942 | 0 | 1,680,441 |
| 1967 | 1,243 | 6,650 | 415,764 | 51,344 | 409,166 | 15,913 | 82,038 | 99,978 | 216,167 | 75,134 | 11,237 | 1,384,634 |
| 1968 | 86 | 13,410 | 491,606 | 26,183 | 679,884 | 50,659 | 42,690 | 93,740 | 352,933 | 197,764 | 0 | 1,948,955 |
| 1969 | 85 | 4,289 | 338,981 | 28,541 | 463,498 | 54,015 | 22,792 | 94,256 | 323,122 | 243,811 | 0 | 1,573,390 |
| 1970 | 85 | 22,685 | 343,276 | 13,514 | 511,537 | 24,961 | 50,295 | 53,286 | 373,913 | 214,520 | 0 | 1,608,072 |
| 1971 | 85 | 7,607 | 362,838 | 6,618 | 590,171 | 21,607 | 31,316 | 49,061 | 372,152 | 162,221 | 1,940 | 1,605,616 |
| 1972 | 85 | 23,022 | 444,939 | 10,066 | 488,815 | 27,719 | 67,088 | 15,537 | 353,577 | 192,095 | 0 | 1,622,943 |
| 1973 | 513 | 16,412 | 281,022 | 20,472 | 451,507 | 22,547 | 66,387 | 11,834 | 223,219 | 149,939 | 1,765 | 1,245,616 |
| 1974 | 5,343 | 8,215 | 495,640 | 5,568 | 644,723 | 9,439 | 52,797 | 69,594 | 213,562 | 85,538 | 1,932 | 1,592,352 |
| 1975 | 903 | 6,354 | 303,696 | 2,957 | 744,569 | 13,960 | 40,137 | 72,886 | 330,130 | 126,365 | 1,925 | 1,643,881 |
| 1976 | 552 | 6,659 | 308,696 | 6,709 | 679,395 | 8,249 | 56,163 | 55,331 | 76,513 | 44,577 | 1,915 | 1,244,760 |
| 1977 | 83 | 34,396 | 392,235 | 23,172 | 607,488 | 18,705 | 66,910 | 19,680 | 103,043 | 31,383 | 1,896 | 1,298,990 |
| 1978 | 2,042 | 18,044 | 279,676 | 5,175 | 532,861 | 21,566 | 44,402 | 174,820 | 243,929 | 233,614 | 1,859 | 1,557,988 |
| 1979 | 735 | 43,567 | 346,447 | 4,436 | 695,477 | 14,675 | 66,298 | 78,607 | 369,170 | 136,682 | 1,798 | 1,757,892 |
| 1980 | 702 | 56,477 | 319,614 | 14,712 | 474,563 | 28,218 | 119,359 | 83,470 | 224,308 | 69,750 | 1,711 | 1,392,884 |
| 1981 | 2,450 | 61,724 | 309,430 | 39,370 | 409,483 | 24,578 | 57,657 | 119,920 | 255,598 | 113,559 | 1,598 | 1,395,366 |
| 1982 | 2,081 | 58,282 | 215,521 | 9,130 | 619,727 | 14,439 | 47,725 | 95,058 | 381,220 | 189,116 | 1,465 | 1,633,765 |
| 1983 | 1,386 | 8,326 | 142,293 | 14,988 | 573,312 | 3,536 | 49,109 | 70,961 | 435,011 | 218,964 | 1,324 | 1,519,210 |
| 1984 | 3,949 | 37,570 | 204,445 | 8,057 | 411,816 | 1,768 | 15,533 | 38,257 | 528,762 | 263,700 | 1,188 | 1,515,045 |
| 1985 | 2,252 | 18,558 | 164,891 | 2,218 | 588,412 | 10,595 | 54,735 | 40,754 | 274,029 | 145,467 | 1,075 | 1,302,986 |
| 1986 | 0 | 69,548 | 226,430 | 4,436 | 559,866 | 10,586 | 100,438 | 33,813 | 287,727 | 254,295 | 0 | 1,547,139 |
| 1987 | 653 | 42,271 | 127,093 | 8,145 | 539,128 | 8,827 | 63,430 | 32,634 | 275,941 | 205,720 | 1,765 | 1,305,607 |
| 1988 | 6,004 | 68,443 | 256,444 | 18,780 | 376,208 | 17,622 | 56,534 | 30,705 | 294,947 | 222,476 | 1,765 | 1,349,928 |
| 1989 | 4,915 | 87,357 | 250,164 | 6,653 | 387,935 | 11,110 | 60,414 | 128,519 | 296,307 | 177,651 | 3,529 | 1,414,554 |
| 1990 | 4,597 | 106,608 | 414,419 | 8,578 | 539,476 | 9,548 | 110,506 | 56,651 | 296,014 | 125,666 | 0 | 1,672,063 |
| 1991 | 8,875 | 81,961 | 292,740 | 29,830 | 507,677 | 19,589 | 65,251 | 96,896 | 197,924 | 282,912 | 0 | 1,583,655 |
| 1992 | 4,395 | 99,297 | 357,967 | 3,702 | 626,929 | 10,419 | 105,505 | 154,380 | 388,658 | 281,506 | 0 | 2,032,759 |
| 1993 | 654 | 80,421 | 414,289 | 11,716 | 429,562 | 22,667 | 78,381 | 181,524 | 285,836 | 246,637 | 3,535 | 1,755,222 |
| 1994 | 2,295 | 83,702 | 511,707 | 22,959 | 639,777 | 8,741 | 49,997 | 182,858 | 433,302 | 382,953 | 0 | 2,318,290 |
| 1995 | 654 | 63,768 | 410,569 | 20,654 | 583,604 | 17,187 | 81,149 | 359,305 | 757,355 | 541,484 | 0 | 2,835,729 |
| 1996 | 5,234 | 74,219 | 404,175 | 4,267 | 930,116 | 5,508 | 100,573 | 201,746 | 806,347 | 451,804 | 0 | 2,983,991 |
| 1997 | 1,309 | 92,728 | 308,295 | 12,199 | 1,155,292 | 9,147 | 91,466 | 513,463 | 893,804 | 819,507 | 0 | 3,897,210 |
| 1998 | 333 | 139,045 | 360,238 | 4,697 | 1,342,039 | 3,098 | 102,987 | 232,740 | 932,896 | 624,152 | 0 | 3,742,225 |
| 1999 | 4,913 | 138,519 | 332,528 | 4,697 | 1,028,707 | 5,194 | 115,620 | 205,271 | 918,433 | 481,597 | 0 | 3,235,478 |
| 2000 | 2,724 | 99,536 | 310,857 | 4,761 | 649,964 | 7,045 | 85,075 | 125,923 | 1,236,302 | 636,223 | 0 | 3,158,411 |
| 2001 | 6,543 | 111,105 | 256,756 | 5,916 | 715,449 | 8,838 | 106,253 | 179,032 | 780,317 | 508,947 | 0 | 2,679,157 |
| 2002 | 987 | 161,942 | 333,366 | 7,975 | 359,696 | 19,196 | 131,798 | 87,323 | 691,545 | 441,619 | 0 | 2,235,449 |
| 2003 | 4,580 | 75,848 | 240,943 | 8,835 | 1,076,560 | 17,996 | 94,085 | 109,061 | 597,431 | 320,154 | 3,535 | 2,549,028 |
| 2004 | 1,871 | 138,332 | 289,920 | 13,329 | 751,787 | 7,155 | 147,593 | 101,302 | 846,163 | 290,357 | 1,768 | 2,589,577 |
| 2005 | 2,654 | 77,031 | 338,207 | 10,213 | 723,032 | 6,818 | 120,402 | 94,302 | 522,396 | 282,288 | 1,768 | 2,179,111 |
| 2006 | 1,873 | 134,872 | 455,237 | 11,305 | 1,202,361 | 4,939 | 125,178 | 111,214 | 496,076 | 281,677 | 0 | 2,824,732 |
| 2007 | 3,211 | 100,073 | 343,378 | 5,842 | 1,317,263 | 5,821 | 110,111 | 165,506 | 882,677 | 419,053 | 2,969 | 3,355,903 |
| 2008 | 4,000 | 108,939 | 420,325 | 3,005 | 1,011,218 | 6,625 | 112,495 | 116,242 | 642,343 | 302,487 | 0 | 2,727,679 |
| 2009 | 2,000 | 66,629 | 400,976 | 4,346 | 1,043,832 | 4,472 | 117,909 | 141,600 | 809,828 | 461,925 | 0 | 3,053,516 |
| 2010 | 2,892 | 50,794 | 323,152 | 9,604 | 913,276 | 4,747 | 101,726 | 195,148 | 830,779 | 544,544 | 0 | 2,976,662 |
| 2011 | 1,333 | 40,782 | 346,517 | 28,321 | 1,020,016 | 4,403 | 92,232 | 237,240 | 905,147 | 580,951 | 0 | 3,256,941 |
| 2012 | 631 | 56,059 | 378,294 | 17,423 | 1,144,311 | 11,455 | 112,570 | 120,042 | 1,078,525 | 664,349 | 1,957 | 3,585,615 |
| 2013 | 1,638 | 33,444 | 339,544 | 8,762 | 1,300,439 | 4,024 | 132,648 | 123,270 | 841,802 | 565,789 | 0 | 3,351,362 |
| 2014 | 0 | 43,194 | 565,034 | 22,505 | 1,454,509 | 2,408 | 236,345 | 184,104 | 818,026 | 474,066 | 10,831 | 3,811,022 |
| 2015 | 2,000 | 34,379 | 564,484 | 0 | 1,462,822 | 1,341 | 204,861 | 255,726 | 967,056 | 336,049 | 5,359 | 3,834,078 |
| 2016 | 10,596 | 107,140 | 652,911 | 12,502 | 1,473,214 | 1,086 | 134,792 | 91,073 | 751,389 | 470,089 | 7,253 | 3,712,044 |
| 2017 | 1,333 | 59,176 | 872,862 | 3,002 | 1,495,968 | 344 | 125,205 | 363,324 | 864,370 | 390,834 | 3,573 | 4,179,991 |
| 2018 | 0 | 50,717 | 418,493 | 1,509 | 1,218,405 | 4,403 | 100,814 | 270,369 | 566,542 | 252,833 | 1,827 | 2,885,912 |
| 2019 | 431 | 77,318 | 592,184 | 2,252 | 1,107,385 | 2,064 | 139,691 | 188,041 | 623,741 | 525,603 | 0 | 3,258,709 |
| Averages: | | | | | | | | | | | | |
| Long Term | 1,963 | 51,682 | 344,863 | 11,782 | 700,297 | 11,779 | 80,613 | 121,657 | 455,882 | 266,041 | 1,433 | 2,047,991 |
| 3-yr | 588 | 62,404 | 627,846 | 2,254 | 1,273,919 | 2,270 | 121,904 | 273,911 | 684,885 | 389,757 | 1,800 | 3,441,537 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -78.3 | 50.8 | 73.7 | -81.1 | 59.6 | -82.7 | 75.3 | 55.9 | 37.6 | 100.6 | -100.0 | 60.6 |
| 3-yr | -26.7 | 23.9 | -5.7 | -0.1 | -13.1 | -9.1 | 14.6 | -31.3 | -8.9 | 34.9 | -100.0 | -5.3 |
| 2018 | #DIV/0! | 52.4 | 41.5 | 49.2 | -9.1 | -53.1 | 38.6 | -30.5 | 10.1 | 107.9 | -100.0 | 12.9 |

**American Wigeon breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 73,215 | 1,559,563 | 582,304 | 55,946 | 620,429 | 116,496 | 95,311 | 61,155 | 25,076 | 9,516 | 17,788 | 3,216,798 |
| 1956 | 82,309 | 1,317,909 | 535,550 | 22,872 | 946,174 | 17,297 | 122,918 | 58,996 | 22,029 | 8,632 | 10,303 | 3,144,990 |
| 1957 | 156,916 | 1,340,886 | 535,785 | 31,814 | 634,025 | 19,713 | 114,992 | 58,278 | 19,513 | 7,854 | 0 | 2,919,777 |
| 1958 | 140,750 | 882,123 | 548,883 | 8,450 | 473,138 | 54,836 | 353,060 | 58,677 | 24,680 | 7,126 | 0 | 2,551,724 |
| 1959 | 107,890 | 2,120,472 | 616,007 | 37,478 | 472,625 | 93,770 | 247,479 | 59,940 | 24,918 | 7,082 | 0 | 3,787,661 |
| 1960 | 132,206 | 1,623,260 | 539,938 | 67,858 | 365,228 | 78,673 | 83,081 | 61,802 | 22,750 | 9,551 | 3,225 | 2,987,572 |
| 1961 | 135,235 | 1,847,208 | 502,309 | 93,189 | 238,029 | 23,743 | 117,411 | 64,044 | 5,019 | 6,070 | 16,009 | 3,048,266 |
| 1962 | 180,180 | 925,316 | 380,146 | 72,534 | 150,209 | 83,126 | 56,804 | 66,508 | 3,847 | 8,058 | 32,018 | 1,958,746 |
| 1963 | 77,248 | 879,133 | 315,248 | 53,309 | 237,331 | 82,449 | 86,458 | 69,066 | 16,394 | 3,058 | 11,114 | 1,830,808 |
| 1964 | 118,482 | 1,404,337 | 346,277 | 116,829 | 310,129 | 80,950 | 115,703 | 71,609 | 4,552 | 4,438 | 16,300 | 2,589,605 |
| 1965 | 209,044 | 1,028,090 | 320,911 | 100,788 | 317,687 | 131,647 | 130,473 | 36,761 | 5,889 | 0 | 19,834 | 2,301,124 |
| 1966 | 247,113 | 984,964 | 385,549 | 108,349 | 302,129 | 102,229 | 98,086 | 43,186 | 18,620 | 9,627 | 18,523 | 2,318,376 |
| 1967 | 280,898 | 545,043 | 485,275 | 82,079 | 649,108 | 105,194 | 52,397 | 63,636 | 27,864 | 29,742 | 4,229 | 2,325,465 |
| 1968 | 347,587 | 519,929 | 467,515 | 181,472 | 362,775 | 185,480 | 98,620 | 68,616 | 8,326 | 22,594 | 35,656 | 2,298,570 |
| 1969 | 337,124 | 683,029 | 403,794 | 163,019 | 831,660 | 244,173 | 111,666 | 85,841 | 40,496 | 30,672 | 9,961 | 2,941,435 |
| 1970 | 424,670 | 959,699 | 434,256 | 213,636 | 819,303 | 421,815 | 52,516 | 92,553 | 30,012 | 21,442 | 0 | 3,469,903 |
| 1971 | 321,506 | 871,807 | 502,040 | 229,160 | 951,415 | 234,569 | 28,786 | 58,326 | 28,113 | 18,953 | 28,179 | 3,272,855 |
| 1972 | 312,247 | 1,007,952 | 448,432 | 146,624 | 772,341 | 135,288 | 108,950 | 129,826 | 29,076 | 99,101 | 10,265 | 3,200,102 |
| 1973 | 334,919 | 1,054,975 | 394,136 | 160,161 | 474,367 | 143,201 | 112,370 | 99,212 | 36,035 | 43,665 | 24,903 | 2,877,944 |
| 1974 | 456,844 | 622,402 | 514,484 | 75,040 | 633,168 | 114,662 | 87,044 | 76,826 | 44,100 | 16,339 | 31,065 | 2,671,974 |
| 1975 | 224,435 | 767,975 | 384,299 | 125,522 | 893,723 | 69,968 | 54,284 | 110,619 | 72,828 | 42,732 | 31,962 | 2,778,347 |
| 1976 | 242,239 | 620,548 | 344,513 | 165,686 | 720,058 | 104,413 | 56,285 | 99,688 | 62,299 | 56,633 | 32,819 | 2,505,181 |
| 1977 | 487,050 | 942,452 | 194,907 | 141,576 | 490,684 | 121,764 | 25,098 | 77,050 | 31,736 | 29,194 | 33,619 | 2,575,130 |
| 1978 | 626,430 | 1,069,114 | 303,478 | 188,084 | 519,911 | 199,442 | 22,592 | 157,027 | 69,375 | 92,671 | 34,300 | 3,282,423 |
| 1979 | 563,676 | 797,780 | 402,492 | 168,394 | 784,147 | 125,822 | 60,467 | 87,888 | 47,449 | 33,590 | 34,790 | 3,106,495 |
| 1980 | 741,425 | 1,100,805 | 403,885 | 191,291 | 610,439 | 176,953 | 61,201 | 148,919 | 84,036 | 41,505 | 35,029 | 3,595,488 |
| 1981 | 859,750 | 998,245 | 179,810 | 203,289 | 211,695 | 179,141 | 34,744 | 65,228 | 119,155 | 59,983 | 35,003 | 2,946,043 |
| 1982 | 464,212 | 694,013 | 199,965 | 142,804 | 594,333 | 122,055 | 35,014 | 89,421 | 41,511 | 40,652 | 34,734 | 2,458,713 |
| 1983 | 557,362 | 674,483 | 170,873 | 139,114 | 675,023 | 157,780 | 30,392 | 77,947 | 45,142 | 73,838 | 34,285 | 2,636,238 |
| 1984 | 658,399 | 1,349,482 | 158,359 | 161,738 | 322,256 | 91,086 | 28,473 | 72,998 | 38,651 | 87,018 | 33,767 | 3,002,226 |
| 1985 | 397,779 | 755,242 | 177,253 | 105,947 | 290,085 | 95,457 | 32,847 | 58,694 | 58,850 | 45,219 | 33,307 | 2,050,681 |
| 1986 | 476,903 | 549,000 | 90,165 | 106,426 | 292,326 | 59,730 | 39,430 | 51,961 | 30,882 | 39,698 | 0 | 1,736,521 |
| 1987 | 462,823 | 895,317 | 110,393 | 118,806 | 159,427 | 83,615 | 20,892 | 64,869 | 44,125 | 45,622 | 6,641 | 2,012,530 |
| 1988 | 527,684 | 925,935 | 85,486 | 164,982 | 194,130 | 115,763 | 26,943 | 44,041 | 40,791 | 48,811 | 36,524 | 2,211,090 |
| 1989 | 550,813 | 660,596 | 95,932 | 145,742 | 181,403 | 172,756 | 24,848 | 58,797 | 15,551 | 21,610 | 44,825 | 1,972,873 |
| 1990 | 536,313 | 510,948 | 123,237 | 144,317 | 177,271 | 136,820 | 31,515 | 126,212 | 22,855 | 27,370 | 23,243 | 1,860,101 |
| 1991 | 641,130 | 788,919 | 117,898 | 131,889 | 234,315 | 149,186 | 21,737 | 70,336 | 20,931 | 44,426 | 33,204 | 2,253,971 |
| 1992 | 593,239 | 663,277 | 170,304 | 118,841 | 324,887 | 112,149 | 23,848 | 88,226 | 44,136 | 32,931 | 36,520 | 2,208,356 |
| 1993 | 537,974 | 749,843 | 198,492 | 135,695 | 195,205 | 92,110 | 13,791 | 65,479 | 13,918 | 17,279 | 33,200 | 2,052,985 |
| 1994 | 727,803 | 479,422 | 193,154 | 177,623 | 261,001 | 197,723 | 16,234 | 137,710 | 71,431 | 83,628 | 36,520 | 2,382,249 |
| 1995 | 730,022 | 833,790 | 179,760 | 63,617 | 401,835 | 129,204 | 13,513 | 116,916 | 91,999 | 46,771 | 7,114 | 2,614,539 |
| 1996 | 818,887 | 509,622 | 191,111 | 73,963 | 311,817 | 87,642 | 33,432 | 100,224 | 78,939 | 47,641 | 18,429 | 2,271,706 |
| 1997 | 953,468 | 1,094,490 | 190,539 | 95,864 | 381,851 | 88,751 | 20,463 | 122,394 | 83,204 | 71,349 | 15,243 | 3,117,617 |
| 1998 | 1,196,854 | 744,788 | 150,303 | 104,155 | 305,540 | 78,779 | 8,751 | 92,947 | 101,008 | 74,576 | 0 | 2,857,701 |
| 1999 | 932,276 | 1,045,763 | 179,573 | 92,475 | 345,527 | 103,919 | 20,042 | 63,074 | 69,103 | 49,104 | 19,228 | 2,920,084 |
| 2000 | 1,141,269 | 721,714 | 225,193 | 44,605 | 253,138 | 92,068 | 19,387 | 57,604 | 97,976 | 69,927 | 10,264 | 2,733,146 |
| 2001 | 1,105,934 | 727,918 | 186,807 | 47,885 | 177,290 | 40,973 | 18,164 | 41,592 | 82,464 | 53,541 | 10,979 | 2,493,549 |
| 2002 | 1,036,394 | 672,771 | 77,479 | 96,663 | 174,479 | 100,463 | 21,726 | 28,558 | 87,506 | 33,037 | 5,367 | 2,334,443 |
| 2003 | 1,019,528 | 850,197 | 131,605 | 80,310 | 218,864 | 108,457 | 15,759 | 30,733 | 66,315 | 26,996 | 2,684 | 2,551,448 |
| 2004 | 897,213 | 564,511 | 116,578 | 61,236 | 128,062 | 82,785 | 3,441 | 42,789 | 56,199 | 23,104 | 5,367 | 1,981,284 |
| 2005 | 873,162 | 583,480 | 125,455 | 78,881 | 294,242 | 65,871 | 34,177 | 43,626 | 65,253 | 31,411 | 29,520 | 2,225,079 |
| 2006 | 821,865 | 569,995 | 188,566 | 51,644 | 282,189 | 45,641 | 16,218 | 70,400 | 67,829 | 48,808 | 8,068 | 2,171,222 |
| 2007 | 1,113,425 | 842,715 | 170,472 | 55,408 | 324,796 | 67,326 | 8,552 | 96,069 | 66,440 | 41,298 | 20,288 | 2,806,791 |
| 2008 | 920,977 | 819,439 | 179,790 | 32,660 | 372,035 | 51,685 | 11,965 | 30,610 | 33,452 | 28,211 | 5,790 | 2,486,615 |
| 2009 | 805,221 | 792,820 | 132,624 | 79,758 | 237,428 | 61,957 | 8,847 | 148,452 | 111,963 | 83,785 | 5,722 | 2,468,576 |
| 2010 | 1,053,340 | 597,489 | 124,301 | 28,314 | 192,606 | 44,771 | 11,120 | 129,675 | 141,937 | 101,080 | 0 | 2,424,633 |
| 2011 | 620,766 | 650,402 | 199,617 | 47,143 | 281,493 | 70,677 | 4,855 | 79,109 | 58,788 | 63,057 | 8,137 | 2,084,044 |
| 2012 | 685,887 | 679,726 | 234,478 | 58,769 | 243,379 | 65,514 | 4,916 | 72,459 | 56,908 | 37,026 | 5,942 | 2,145,004 |
| 2013 | 577,206 | 1,100,458 | 197,263 | 73,267 | 369,144 | 156,407 | 9,858 | 26,536 | 99,925 | 33,838 | 401 | 2,644,303 |
| 2014 | 734,291 | 1,561,994 | 224,291 | 40,093 | 273,231 | 23,193 | 13,599 | 94,978 | 118,079 | 21,942 | 10,964 | 3,116,654 |
| 2015 | 541,032 | 1,505,976 | 305,498 | 59,885 | 251,159 | 34,112 | 8,281 | 149,936 | 136,020 | 39,717 | 5,424 | 3,037,040 |
| 2016 | 723,962 | 1,787,571 | 237,047 | 32,044 | 215,369 | 54,106 | 4,683 | 88,048 | 170,832 | 92,145 | 5,506 | 3,411,312 |
| 2017 | 643,527 | 1,423,856 | 187,684 | 35,754 | 295,521 | 27,264 | 6,379 | 26,403 | 87,082 | 35,462 | 8,137 | 2,777,067 |
| 2018 | 597,212 | 1,326,006 | 208,146 | 49,739 | 271,824 | 89,155 | 11,654 | 106,669 | 124,982 | 26,688 | 8,322 | 2,820,394 |
| 2019 | 398,134 | 1,554,990 | 251,442 | 31,946 | 239,871 | 72,228 | 12,774 | 124,739 | 104,260 | 39,008 | 2,712 | 2,832,105 |
| Averages: | | | | | | | | | | | | |
| Long Term | 558,395 | 949,753 | 276,298 | 100,222 | 392,866 | 105,784 | 50,420 | 78,808 | 56,483 | 39,192 | 17,435 | 2,625,657 |
| 3-yr | 546,291 | 1,434,950 | 215,757 | 39,146 | 269,072 | 62,882 | 10,269 | 85,937 | 105,441 | 33,719 | 6,390 | 2,809,855 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -29.0 | 65.4 | -9.1 | -68.5 | -39.3 | -32.1 | -75.0 | 59.7 | 87.1 | -0.5 | -84.6 | 8.0 |
| 3-yr | -27.1 | 8.4 | 16.5 | -18.4 | -10.9 | 14.9 | 24.4 | 45.2 | -1.1 | 15.7 | -57.6 | 0.8 |
| 2018 | -33.3 | 17.3 | 20.8 | -35.8 | -11.8 | -19.0 | 9.6 | 16.9 | -16.6 | 46.2 | -67.4 | 0.4 |

**American Green-winged Teal breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 14,149 | 973,737 | 351,266 | 41,969 | 359,645 | 22,728 | 25,164 | 18,508 | 0 | 0 | 0 | 1,807,165 |
| 1956 | 17,723 | 770,238 | 182,240 | 35,572 | 484,260 | 0 | 17,830 | 17,452 | 0 | 0 | 0 | 1,525,315 |
| 1957 | 39,427 | 566,645 | 186,193 | 12,349 | 251,993 | 0 | 29,587 | 16,696 | 0 | 0 | 0 | 1,102,890 |
| 1958 | 72,550 | 792,217 | 205,077 | 0 | 182,252 | 0 | 74,707 | 16,124 | 4,502 | 0 | 0 | 1,347,428 |
| 1959 | 77,855 | 1,982,535 | 324,350 | 64,128 | 110,034 | 23,321 | 45,866 | 15,698 | 0 | 0 | 9,648 | 2,653,435 |
| 1960 | 25,347 | 885,305 | 262,316 | 7,449 | 205,506 | 4,759 | 20,183 | 16,049 | 0 | 0 | 0 | 1,426,915 |
| 1961 | 47,269 | 1,152,447 | 320,587 | 7,789 | 101,737 | 2,463 | 64,857 | 16,705 | 6,762 | 2,726 | 5,927 | 1,729,269 |
| 1962 | 44,115 | 481,424 | 63,388 | 9,479 | 44,166 | 28,061 | 10,703 | 17,360 | 0 | 9,996 | 14,224 | 722,916 |
| 1963 | 64,313 | 893,582 | 72,773 | 14,725 | 73,759 | 17,475 | 63,606 | 17,986 | 2,180 | 2,691 | 19,200 | 1,242,290 |
| 1964 | 79,696 | 1,169,305 | 114,628 | 46,264 | 69,109 | 35,327 | 4,296 | 18,556 | 0 | 0 | 24,138 | 1,561,319 |
| 1965 | 193,203 | 713,795 | 117,249 | 44,022 | 125,336 | 29,993 | 32,519 | 22,532 | 3,344 | 0 | 0 | 1,281,993 |
| 1966 | 170,244 | 939,621 | 176,110 | 35,486 | 114,220 | 37,818 | 45,879 | 18,357 | 60,886 | 7,725 | 10,972 | 1,617,319 |
| 1967 | 275,091 | 533,176 | 174,972 | 27,254 | 367,714 | 61,508 | 75,090 | 29,864 | 26,932 | 9,565 | 12,524 | 1,593,690 |
| 1968 | 315,221 | 605,463 | 121,517 | 30,352 | 200,706 | 53,492 | 42,693 | 20,513 | 12,414 | 23,496 | 5,029 | 1,430,896 |
| 1969 | 202,629 | 257,604 | 204,538 | 63,083 | 408,781 | 88,287 | 161,478 | 8,619 | 67,046 | 28,951 | 0 | 1,491,016 |
| 1970 | 249,677 | 400,450 | 203,628 | 66,847 | 801,360 | 53,771 | 74,304 | 28,240 | 138,647 | 115,146 | 50,398 | 2,182,469 |
| 1971 | 321,359 | 566,347 | 263,317 | 76,134 | 386,865 | 72,383 | 120,819 | 11,535 | 23,384 | 25,358 | 21,842 | 1,889,342 |
| 1972 | 198,803 | 858,748 | 288,071 | 61,741 | 232,246 | 68,650 | 107,022 | 31,733 | 50,999 | 42,611 | 7,601 | 1,948,224 |
| 1973 | 217,550 | 728,358 | 311,867 | 61,419 | 331,195 | 55,053 | 117,316 | 51,507 | 37,957 | 29,607 | 7,375 | 1,949,204 |
| 1974 | 404,302 | 385,275 | 404,833 | 69,859 | 295,379 | 56,333 | 106,519 | 21,878 | 74,974 | 19,069 | 26,045 | 1,864,466 |
| 1975 | 108,607 | 564,923 | 230,776 | 67,776 | 412,817 | 39,233 | 63,428 | 53,108 | 59,377 | 37,356 | 27,441 | 1,664,842 |
| 1976 | 187,942 | 271,409 | 345,644 | 121,070 | 356,483 | 63,027 | 110,937 | 13,568 | 17,377 | 31,071 | 28,963 | 1,547,490 |
| 1977 | 207,933 | 469,994 | 151,905 | 94,235 | 168,132 | 106,555 | 35,361 | 3,921 | 7,386 | 9,778 | 30,610 | 1,285,810 |
| 1978 | 278,440 | 805,050 | 222,319 | 201,664 | 233,904 | 206,707 | 116,559 | 18,230 | 20,471 | 38,511 | 32,355 | 2,174,210 |
| 1979 | 254,062 | 789,552 | 256,774 | 160,782 | 315,995 | 138,946 | 36,700 | 40,072 | 25,418 | 19,270 | 34,167 | 2,071,738 |
| 1980 | 316,496 | 697,285 | 224,048 | 279,141 | 174,346 | 122,504 | 27,532 | 9,924 | 92,402 | 70,177 | 36,012 | 2,049,867 |
| 1981 | 516,139 | 758,757 | 180,132 | 109,934 | 140,851 | 60,165 | 37,264 | 9,085 | 39,198 | 21,108 | 37,868 | 1,910,501 |
| 1982 | 210,326 | 770,533 | 127,493 | 87,485 | 112,910 | 53,492 | 32,758 | 13,438 | 52,629 | 34,919 | 39,705 | 1,535,688 |
| 1983 | 260,505 | 964,870 | 136,150 | 103,254 | 172,386 | 74,893 | 49,448 | 18,949 | 16,408 | 36,623 | 41,489 | 1,874,974 |
| 1984 | 310,303 | 585,300 | 117,742 | 87,003 | 132,664 | 48,410 | 34,851 | 10,635 | 16,178 | 21,967 | 43,184 | 1,408,237 |
| 1985 | 264,973 | 673,017 | 106,661 | 47,003 | 179,903 | 42,836 | 19,307 | 6,408 | 58,920 | 31,618 | 44,760 | 1,475,406 |
| 1986 | 384,256 | 817,482 | 78,682 | 101,142 | 95,852 | 47,877 | 44,307 | 6,160 | 20,057 | 52,065 | 27,043 | 1,674,923 |
| 1987 | 362,445 | 1,127,056 | 120,282 | 117,416 | 85,813 | 90,026 | 37,831 | 6,035 | 33,525 | 23,355 | 2,458 | 2,006,242 |
| 1988 | 385,197 | 1,054,156 | 162,043 | 142,506 | 92,656 | 69,842 | 24,523 | 12,043 | 28,342 | 25,529 | 63,920 | 2,060,757 |
| 1989 | 402,147 | 956,313 | 106,049 | 61,829 | 115,474 | 61,499 | 36,945 | 17,049 | 9,537 | 24,434 | 50,398 | 1,841,674 |
| 1990 | 473,763 | 718,217 | 132,524 | 86,187 | 135,727 | 88,895 | 36,815 | 15,725 | 26,748 | 8,510 | 66,378 | 1,789,489 |
| 1991 | 546,682 | 453,658 | 131,086 | 132,706 | 131,756 | 68,451 | 30,382 | 12,409 | 9,108 | 16,953 | 24,585 | 1,557,776 |
| 1992 | 375,993 | 547,679 | 174,434 | 180,200 | 135,604 | 234,428 | 49,700 | 16,295 | 14,135 | 12,629 | 31,973 | 1,773,069 |
| 1993 | 444,632 | 570,783 | 175,929 | 186,918 | 77,817 | 155,350 | 3,176 | 8,368 | 9,028 | 6,576 | 55,887 | 1,694,463 |
| 1994 | 562,753 | 697,422 | 152,574 | 104,023 | 253,233 | 123,537 | 18,675 | 33,966 | 60,457 | 55,183 | 46,625 | 2,108,448 |
| 1995 | 556,196 | 749,504 | 245,312 | 130,937 | 271,327 | 165,082 | 35,299 | 30,278 | 45,897 | 58,428 | 12,335 | 2,300,594 |
| 1996 | 757,644 | 427,782 | 314,510 | 121,228 | 351,231 | 98,017 | 106,427 | 56,094 | 90,607 | 62,967 | 113,040 | 2,499,547 |
| 1997 | 512,275 | 608,084 | 324,417 | 148,784 | 418,509 | 142,061 | 69,069 | 58,109 | 79,014 | 69,411 | 76,851 | 2,506,585 |
| 1998 | 679,010 | 657,823 | 92,234 | 141,731 | 271,238 | 90,617 | 44,940 | 13,286 | 48,427 | 34,322 | 13,719 | 2,087,346 |
| 1999 | 679,434 | 984,397 | 190,546 | 178,339 | 342,245 | 85,742 | 40,652 | 27,179 | 55,530 | 39,132 | 7,767 | 2,630,962 |
| 2000 | 946,230 | 1,282,073 | 308,129 | 99,531 | 294,806 | 61,822 | 60,805 | 16,513 | 44,427 | 51,549 | 27,640 | 3,193,525 |
| 2001 | 1,028,811 | 741,645 | 190,496 | 87,494 | 202,321 | 79,950 | 31,463 | 18,053 | 44,696 | 69,771 | 13,957 | 2,508,656 |
| 2002 | 630,952 | 928,376 | 147,019 | 158,984 | 127,343 | 116,814 | 25,483 | 40,594 | 66,254 | 28,217 | 63,457 | 2,333,495 |
| 2003 | 1,035,264 | 766,994 | 131,788 | 146,051 | 272,568 | 122,186 | 48,436 | 50,154 | 39,059 | 26,420 | 39,576 | 2,678,494 |
| 2004 | 818,738 | 835,132 | 98,430 | 160,493 | 124,319 | 168,988 | 27,036 | 56,379 | 99,613 | 26,679 | 45,034 | 2,460,842 |
| 2005 | 713,019 | 437,456 | 158,538 | 156,801 | 358,954 | 136,338 | 54,984 | 34,491 | 40,583 | 49,371 | 16,376 | 2,156,911 |
| 2006 | 780,083 | 750,950 | 177,861 | 187,891 | 400,578 | 92,098 | 65,445 | 16,946 | 61,986 | 30,132 | 23,247 | 2,587,219 |
| 2007 | 822,805 | 862,204 | 283,152 | 190,258 | 495,010 | 105,728 | 33,294 | 28,689 | 31,623 | 26,044 | 11,463 | 2,890,271 |
| 2008 | 654,724 | 1,068,313 | 296,547 | 156,572 | 560,608 | 109,317 | 47,818 | 18,975 | 31,857 | 18,806 | 16,195 | 2,979,731 |
| 2009 | 658,474 | 1,225,393 | 175,479 | 237,529 | 648,384 | 146,495 | 47,842 | 76,157 | 157,617 | 55,682 | 14,547 | 3,443,599 |
| 2010 | 954,267 | 1,464,056 | 129,694 | 62,123 | 398,453 | 30,642 | 48,290 | 25,737 | 150,254 | 200,007 | 12,413 | 3,475,937 |
| 2011 | 641,361 | 1,250,642 | 275,376 | 76,064 | 421,959 | 19,771 | 55,249 | 3,907 | 51,395 | 74,030 | 30,342 | 2,900,096 |
| 2012 | 704,803 | 1,566,914 | 274,142 | 41,341 | 496,509 | 59,434 | 157,449 | 5,334 | 58,275 | 72,292 | 34,750 | 3,471,243 |
| 2013 | 451,814 | 1,228,778 | 195,500 | 175,953 | 575,226 | 142,551 | 60,223 | 4,851 | 66,269 | 112,783 | 39,496 | 3,053,444 |
| 2014 | 475,046 | 1,716,318 | 367,699 | 58,563 | 465,804 | 49,240 | 76,446 | 5,593 | 161,430 | 54,001 | 9,756 | 3,439,896 |
| 2015 | 565,591 | 2,333,261 | 327,325 | 81,516 | 451,796 | 45,190 | 99,075 | 33,533 | 96,633 | 33,210 | 13,792 | 4,080,923 |
| 2016 | 778,804 | 2,337,285 | 299,756 | 55,270 | 467,598 | 43,977 | 140,025 | 14,604 | 46,737 | 74,586 | 16,799 | 4,275,441 |
| 2017 | 616,665 | 1,816,126 | 341,617 | 91,989 | 472,348 | 33,094 | 74,600 | 5,799 | 93,639 | 48,366 | 11,034 | 3,605,276 |
| 2018 | 449,023 | 1,587,179 | 189,874 | 83,647 | 323,947 | 60,006 | 84,775 | 15,940 | 102,991 | 101,562 | 43,728 | 3,042,672 |
| 2019 | 416,404 | 1,680,781 | 301,495 | 139,542 | 277,259 | 75,193 | 71,891 | 19,480 | 70,876 | 121,160 | 4,138 | 3,178,219 |
| Averages: | | | | | | | | | | | | |
| Long Term | 418,639 | 911,649 | 207,986 | 98,720 | 279,399 | 75,207 | 56,830 | 21,815 | 45,576 | 37,438 | 26,034 | 2,179,294 |
| 3-yr | 494,031 | 1,694,695 | 277,662 | 105,059 | 357,851 | 56,098 | 77,089 | 13,740 | 89,169 | 90,363 | 19,633 | 3,275,389 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -0.5 | 86.8 | 46.0 | 42.3 | -0.8 | 0.0 | 27.0 | -10.9 | 56.9 | 235.3 | -84.3 | 46.9 |
| 3-yr | -15.7 | -0.8 | 8.6 | 32.8 | -22.5 | 34.0 | -6.7 | 41.8 | -20.5 | 34.1 | -78.9 | -3.0 |
| 2018 | -7.3 | 5.9 | 58.8 | 66.8 | -14.4 | 25.3 | -15.2 | 22.2 | -31.2 | 19.3 | -90.5 | 4.5 |

**Blue-winged Teal breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 0 | 342,817 | 1,550,238 | 13,763 | 2,068,507 | 44,236 | 470,599 | 80,826 | 229,618 | 504,634 | 0 | 5,305,238 |
| 1956 | 0 | 292,797 | 903,759 | 29,651 | 2,542,739 | 34,924 | 284,709 | 78,040 | 295,476 | 535,551 | 0 | 4,997,646 |
| 1957 | 0 | 40,330 | 908,556 | 33,536 | 1,924,310 | 7,806 | 391,256 | 75,932 | 357,738 | 560,035 | 0 | 4,299,499 |
| 1958 | 0 | 201,348 | 1,078,543 | 125,113 | 1,650,704 | 96,344 | 1,120,162 | 74,131 | 528,703 | 581,537 | 0 | 5,456,584 |
| 1959 | 0 | 911,885 | 903,562 | 92,554 | 1,087,019 | 54,645 | 1,247,586 | 72,507 | 316,434 | 413,117 | 0 | 5,099,309 |
| 1960 | 0 | 417,421 | 877,793 | 36,762 | 1,112,769 | 34,023 | 699,198 | 71,024 | 519,523 | 524,482 | 0 | 4,292,995 |
| 1961 | 0 | 578,862 | 897,110 | 13,763 | 583,022 | 22,218 | 521,299 | 69,670 | 295,603 | 673,757 | 0 | 3,655,304 |
| 1962 | 0 | 244,421 | 346,740 | 166,009 | 383,752 | 75,656 | 368,354 | 68,448 | 755,185 | 602,486 | 0 | 3,011,051 |
| 1963 | 0 | 128,013 | 426,848 | 169,913 | 504,893 | 136,912 | 401,535 | 67,361 | 686,622 | 1,201,526 | 0 | 3,723,624 |
| 1964 | 0 | 508,488 | 634,556 | 305,445 | 735,756 | 132,108 | 358,838 | 67,258 | 584,542 | 686,268 | 7,355 | 4,020,614 |
| 1965 | 57 | 227,581 | 494,085 | 78,391 | 669,095 | 86,499 | 284,199 | 137,534 | 913,463 | 703,553 | 0 | 3,594,457 |
| 1966 | 0 | 141,100 | 533,204 | 65,252 | 909,736 | 72,059 | 213,050 | 133,253 | 1,041,693 | 623,894 | 0 | 3,733,241 |
| 1967 | 1,128 | 21,248 | 712,934 | 86,324 | 1,395,676 | 136,225 | 627,614 | 82,908 | 1,106,138 | 313,697 | 7,633 | 4,491,525 |
| 1968 | 1,452 | 29,994 | 325,319 | 261,569 | 720,229 | 535,637 | 313,137 | 53,249 | 749,748 | 466,065 | 6,129 | 3,462,528 |
| 1969 | 0 | 46,083 | 363,220 | 224,071 | 966,589 | 297,881 | 445,767 | 149,912 | 902,888 | 742,177 | 0 | 4,138,588 |
| 1970 | 9,921 | 50,600 | 440,876 | 159,960 | 1,552,614 | 408,253 | 672,922 | 99,254 | 712,724 | 706,755 | 47,946 | 4,861,825 |
| 1971 | 2,109 | 114,266 | 714,293 | 35,029 | 1,291,387 | 150,619 | 314,268 | 87,096 | 1,238,068 | 654,268 | 8,798 | 4,610,201 |
| 1972 | 0 | 152,572 | 494,851 | 59,643 | 1,012,888 | 146,030 | 406,256 | 16,976 | 780,282 | 1,209,031 | 0 | 4,278,529 |
| 1973 | 0 | 48,825 | 459,217 | 69,736 | 887,888 | 93,098 | 399,443 | 8,488 | 588,725 | 777,110 | 0 | 3,332,530 |
| 1974 | 0 | 99,983 | 1,209,712 | 34,883 | 1,312,215 | 21,495 | 686,767 | 77,689 | 1,171,318 | 348,813 | 13,346 | 4,976,222 |
| 1975 | 0 | 285,659 | 1,108,175 | 103,497 | 2,360,150 | 64,956 | 360,989 | 98,280 | 1,051,443 | 437,209 | 14,999 | 5,885,357 |
| 1976 | 0 | 158,415 | 820,335 | 178,403 | 1,799,610 | 200,882 | 654,609 | 207,086 | 357,049 | 351,682 | 16,672 | 4,744,744 |
| 1977 | 2,783 | 635,514 | 750,958 | 214,835 | 1,631,307 | 221,437 | 292,917 | 93,751 | 282,150 | 318,851 | 18,337 | 4,462,839 |
| 1978 | 3,561 | 385,951 | 393,236 | 200,097 | 902,361 | 195,656 | 279,164 | 93,942 | 737,375 | 1,287,317 | 19,958 | 4,498,618 |
| 1979 | 0 | 280,595 | 592,923 | 93,392 | 1,482,802 | 113,933 | 440,752 | 117,453 | 826,505 | 906,012 | 21,499 | 4,875,866 |
| 1980 | 3,561 | 470,163 | 834,569 | 169,067 | 1,307,164 | 322,317 | 290,224 | 103,377 | 888,400 | 483,317 | 22,920 | 4,895,079 |
| 1981 | 4,033 | 411,820 | 1,148,075 | 273,822 | 781,509 | 234,584 | 253,899 | 81,833 | 252,751 | 254,130 | 24,192 | 3,720,649 |
| 1982 | 0 | 234,742 | 498,144 | 85,261 | 605,878 | 281,391 | 289,639 | 210,954 | 906,330 | 519,923 | 25,303 | 3,657,565 |
| 1983 | 1,453 | 149,309 | 419,133 | 47,704 | 963,207 | 105,443 | 226,642 | 79,894 | 545,726 | 801,767 | 26,252 | 3,366,531 |
| 1984 | 4,892 | 322,463 | 429,216 | 119,268 | 993,592 | 59,904 | 171,008 | 52,091 | 860,996 | 938,839 | 27,059 | 3,979,328 |
| 1985 | 0 | 200,587 | 295,318 | 197,020 | 1,327,329 | 91,942 | 172,344 | 38,557 | 546,997 | 604,491 | 27,772 | 3,502,357 |
| 1986 | 5,949 | 455,829 | 361,868 | 55,095 | 876,499 | 70,211 | 326,546 | 21,576 | 871,769 | 1,433,478 | 0 | 4,478,820 |
| 1987 | 1,546 | 440,556 | 596,632 | 98,527 | 674,828 | 116,707 | 203,180 | 40,202 | 579,425 | 777,093 | 0 | 3,528,696 |
| 1988 | 13,317 | 580,403 | 552,905 | 368,466 | 755,343 | 288,255 | 197,853 | 83,504 | 553,927 | 617,135 | 0 | 4,011,108 |
| 1989 | 1,057 | 237,540 | 418,152 | 232,271 | 578,438 | 186,911 | 176,409 | 65,896 | 338,463 | 860,152 | 29,966 | 3,125,255 |
| 1990 | 0 | 189,374 | 521,168 | 95,327 | 875,476 | 149,492 | 268,593 | 76,256 | 230,408 | 346,315 | 23,973 | 2,776,382 |
| 1991 | 0 | 207,047 | 580,235 | 225,630 | 936,689 | 195,069 | 208,517 | 77,726 | 233,400 | 1,075,401 | 23,973 | 3,763,687 |
| 1992 | 0 | 314,834 | 716,094 | 159,602 | 1,362,432 | 268,292 | 376,989 | 89,032 | 401,425 | 626,420 | 17,984 | 4,333,105 |
| 1993 | 2,906 | 260,586 | 526,558 | 217,593 | 570,072 | 206,848 | 269,188 | 60,325 | 303,080 | 679,872 | 95,912 | 3,192,940 |
| 1994 | 0 | 194,189 | 466,610 | 84,690 | 980,162 | 126,914 | 92,783 | 186,418 | 1,088,794 | 1,383,613 | 11,989 | 4,616,162 |
| 1995 | 2,906 | 166,120 | 430,834 | 43,221 | 1,088,351 | 61,573 | 301,793 | 94,413 | 1,463,104 | 1,468,428 | 19,268 | 5,140,010 |
| 1996 | 0 | 194,521 | 505,871 | 38,852 | 2,046,644 | 59,910 | 295,524 | 89,263 | 1,764,133 | 1,390,947 | 21,757 | 6,407,422 |
| 1997 | 0 | 203,804 | 358,461 | 30,961 | 1,974,360 | 34,234 | 300,397 | 138,070 | 1,544,632 | 1,535,028 | 4,319 | 6,124,267 |
| 1998 | 0 | 339,948 | 521,876 | 78,064 | 1,589,022 | 71,803 | 257,901 | 225,543 | 1,734,589 | 1,573,377 | 6,688 | 6,398,812 |
| 1999 | 0 | 206,286 | 391,543 | 105,462 | 2,110,905 | 66,952 | 439,555 | 241,498 | 2,068,022 | 1,516,593 | 2,671 | 7,149,486 |
| 2000 | 0 | 274,876 | 577,823 | 46,034 | 1,622,427 | 79,910 | 355,035 | 49,960 | 2,848,507 | 1,576,870 | 0 | 7,431,442 |
| 2001 | 0 | 119,315 | 367,782 | 77,225 | 1,267,464 | 70,922 | 484,127 | 72,769 | 1,688,743 | 1,608,652 | 0 | 5,756,998 |
| 2002 | 0 | 303,541 | 244,160 | 141,994 | 667,137 | 164,751 | 230,101 | 73,343 | 1,338,336 | 1,043,116 | 0 | 4,206,479 |
| 2003 | 2,906 | 314,303 | 322,586 | 97,308 | 1,918,273 | 78,839 | 419,729 | 171,169 | 1,327,118 | 859,935 | 5,995 | 5,518,162 |
| 2004 | 2,219 | 400,612 | 360,165 | 26,577 | 1,154,742 | 33,833 | 282,315 | 145,895 | 1,096,285 | 570,390 | 0 | 4,073,034 |
| 2005 | 2,784 | 247,373 | 649,154 | 61,462 | 1,597,006 | 23,807 | 338,684 | 144,141 | 952,998 | 514,160 | 53,951 | 4,585,518 |
| 2006 | 0 | 315,531 | 864,306 | 55,520 | 2,228,084 | 26,000 | 425,609 | 151,908 | 1,082,153 | 710,455 | 0 | 5,859,567 |
| 2007 | 9,330 | 368,681 | 668,503 | 32,844 | 2,379,813 | 48,029 | 274,009 | 141,739 | 1,129,852 | 1,614,530 | 40,282 | 6,707,612 |
| 2008 | 0 | 393,323 | 817,658 | 40,135 | 2,317,671 | 33,746 | 264,875 | 90,689 | 1,049,045 | 1,620,020 | 12,934 | 6,640,096 |
| 2009 | 0 | 248,148 | 480,406 | 101,527 | 1,739,781 | 8,214 | 302,916 | 139,671 | 2,534,675 | 1,822,107 | 6,390 | 7,383,834 |
| 2010 | 3,913 | 278,864 | 293,600 | 0 | 1,363,233 | 4,521 | 211,791 | 50,809 | 1,986,548 | 2,135,232 | 0 | 6,328,511 |
| 2011 | 1,461 | 144,136 | 470,380 | 27,562 | 2,488,852 | 3,014 | 392,617 | 306,401 | 2,389,341 | 2,724,687 | 0 | 8,948,451 |
| 2012 | 0 | 146,926 | 595,745 | 9,006 | 2,607,562 | 21,804 | 327,436 | 188,993 | 2,926,144 | 2,398,741 | 19,910 | 9,242,268 |
| 2013 | 0 | 386,098 | 751,567 | 12,940 | 2,758,507 | 21,476 | 345,148 | 124,930 | 1,807,877 | 1,517,825 | 5,299 | 7,731,668 |
| 2014 | 0 | 377,388 | 834,316 | 22,635 | 3,109,225 | 11,077 | 474,127 | 238,881 | 1,837,244 | 1,624,399 | 12,245 | 8,541,534 |
| 2015 | 0 | 359,937 | 1,168,852 | 50,303 | 3,566,905 | 7,536 | 522,495 | 245,573 | 1,681,839 | 907,509 | 36,350 | 8,547,299 |
| 2016 | 0 | 446,683 | 897,674 | 70,005 | 2,103,710 | 52,345 | 331,939 | 154,636 | 1,471,441 | 1,148,629 | 12,299 | 6,689,361 |
| 2017 | 0 | 578,858 | 1,643,941 | 21,136 | 2,820,489 | 7,536 | 300,000 | 167,557 | 1,323,418 | 1,007,810 | 18,175 | 7,888,918 |
| 2018 | 0 | 489,777 | 1,171,038 | 13,017 | 1,700,196 | 20,949 | 340,721 | 145,665 | 1,303,013 | 1,228,903 | 37,177 | 6,450,456 |
| 2019 | 0 | 711,258 | 706,901 | 1,449 | 931,879 | 3,768 | 157,593 | 84,271 | 1,075,101 | 1,755,391 | 0 | 5,427,612 |
| Averages: | | | | | | | | | | | | |
| Long Term | 1,311 | 292,777 | 652,321 | 99,787 | 1,449,675 | 109,298 | 371,625 | 109,654 | 1,031,616 | 975,469 | 13,164 | 5,106,699 |
| 3-yr | 0 | 593,298 | 1,173,960 | 11,868 | 1,817,521 | 10,751 | 266,105 | 132,498 | 1,233,844 | 1,330,701 | 18,451 | 6,588,996 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -100.0 | 148.5 | 8.5 | -98.6 | -36.1 | -96.6 | -58.0 | -23.4 | 4.3 | 82.2 | -100.0 | 6.4 |
| 3-yr | #DIV/0! | 19.9 | -39.8 | -87.8 | -48.7 | -65.0 | -40.8 | -36.4 | -12.9 | 31.9 | -100.0 | -17.6 |
| 2018 | #DIV/0! | 45.2 | -39.6 | -88.9 | -45.2 | -82.0 | -53.7 | -42.1 | -17.5 | 42.8 | -100.0 | -15.9 |

**Northern Shoveler breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 2,530 | 289,199 | 397,210 | 4,223 | 667,073 | 2,644 | 54,728 | 78,979 | 28,614 | 117,609 | 0 | 1,642,809 |
| 1956 | 2,723 | 194,706 | 404,963 | 1,927 | 854,377 | 0 | 66,519 | 76,381 | 58,256 | 121,557 | 0 | 1,781,409 |
| 1957 | 5,105 | 104,017 | 349,831 | 0 | 637,868 | 7,931 | 85,433 | 74,589 | 85,263 | 126,068 | 0 | 1,476,104 |
| 1958 | 18,179 | 232,741 | 442,257 | 2,622 | 335,357 | 881 | 83,397 | 73,269 | 62,870 | 132,193 | 0 | 1,383,766 |
| 1959 | 14,167 | 603,841 | 321,119 | 19,734 | 264,463 | 37,452 | 160,841 | 72,240 | 45,321 | 38,413 | 0 | 1,577,591 |
| 1960 | 13,267 | 202,540 | 431,919 | 0 | 604,342 | 15,455 | 142,542 | 71,378 | 184,807 | 156,292 | 1,971 | 1,824,513 |
| 1961 | 24,007 | 409,699 | 303,463 | 0 | 233,867 | 16,676 | 121,437 | 70,611 | 106,849 | 96,353 | 0 | 1,382,962 |
| 1962 | 13,804 | 215,592 | 196,817 | 8,991 | 79,804 | 26,437 | 49,457 | 71,065 | 271,520 | 335,465 | 0 | 1,268,952 |
| 1963 | 9,348 | 129,580 | 378,016 | 5,826 | 196,937 | 35,385 | 124,473 | 72,463 | 221,030 | 225,378 | 0 | 1,398,436 |
| 1964 | 11,750 | 493,763 | 341,960 | 50,048 | 375,309 | 53,299 | 119,808 | 73,827 | 102,768 | 95,729 | 0 | 1,718,260 |
| 1965 | 28,074 | 201,416 | 276,232 | 34,609 | 293,647 | 37,225 | 107,196 | 65,712 | 289,351 | 90,194 | 0 | 1,423,657 |
| 1966 | 29,486 | 192,533 | 470,839 | 26,779 | 809,890 | 36,402 | 99,257 | 83,089 | 290,403 | 108,284 | 0 | 2,146,961 |
| 1967 | 24,225 | 142,084 | 538,540 | 10,339 | 807,683 | 32,131 | 170,010 | 98,553 | 403,759 | 82,204 | 5,170 | 2,314,697 |
| 1968 | 150,176 | 110,788 | 394,635 | 18,861 | 479,420 | 30,088 | 77,178 | 77,996 | 194,769 | 150,576 | 0 | 1,684,488 |
| 1969 | 58,347 | 65,531 | 433,252 | 25,358 | 777,381 | 36,414 | 151,188 | 109,616 | 304,021 | 195,675 | 0 | 2,156,783 |
| 1970 | 85,431 | 77,653 | 329,082 | 20,884 | 760,655 | 49,882 | 126,678 | 64,877 | 454,946 | 260,326 | 0 | 2,230,414 |
| 1971 | 37,814 | 141,064 | 423,593 | 13,321 | 907,672 | 31,121 | 68,253 | 65,504 | 219,386 | 103,235 | 457 | 2,011,420 |
| 1972 | 68,324 | 197,432 | 435,736 | 14,916 | 921,903 | 27,250 | 119,047 | 61,142 | 289,856 | 330,852 | 0 | 2,466,458 |
| 1973 | 72,394 | 167,736 | 466,095 | 6,490 | 538,385 | 32,391 | 47,958 | 47,212 | 129,743 | 110,598 | 0 | 1,619,001 |
| 1974 | 139,602 | 135,281 | 587,970 | 7,327 | 705,214 | 8,541 | 97,552 | 58,132 | 219,535 | 51,110 | 1,035 | 2,011,299 |
| 1975 | 40,928 | 145,045 | 550,321 | 21,744 | 730,330 | 21,539 | 51,295 | 100,232 | 225,237 | 92,850 | 1,236 | 1,980,758 |
| 1976 | 83,955 | 89,765 | 325,035 | 5,102 | 822,932 | 13,690 | 157,731 | 102,216 | 89,700 | 56,503 | 1,438 | 1,748,066 |
| 1977 | 199,386 | 327,871 | 220,775 | 35,822 | 422,711 | 43,865 | 38,935 | 31,050 | 71,150 | 58,643 | 1,639 | 1,451,847 |
| 1978 | 218,676 | 85,836 | 258,970 | 16,323 | 426,651 | 26,028 | 65,159 | 179,228 | 277,507 | 419,081 | 1,840 | 1,975,298 |
| 1979 | 110,648 | 121,657 | 391,405 | 8,442 | 692,352 | 15,402 | 85,859 | 189,635 | 447,304 | 341,768 | 2,037 | 2,406,509 |
| 1980 | 392,743 | 232,671 | 388,768 | 27,920 | 494,687 | 19,116 | 56,678 | 52,204 | 181,923 | 59,261 | 2,230 | 1,908,201 |
| 1981 | 622,873 | 260,205 | 503,911 | 30,242 | 335,314 | 26,185 | 99,799 | 121,811 | 264,096 | 66,699 | 2,417 | 2,333,551 |
| 1982 | 161,282 | 99,469 | 320,364 | 12,230 | 699,031 | 26,777 | 135,382 | 160,721 | 377,399 | 152,386 | 2,597 | 2,147,638 |
| 1983 | 186,586 | 83,435 | 200,299 | 16,920 | 792,829 | 15,033 | 121,693 | 61,827 | 194,267 | 199,992 | 2,772 | 1,875,652 |
| 1984 | 235,308 | 163,402 | 187,302 | 15,568 | 370,934 | 19,692 | 47,806 | 65,025 | 273,328 | 236,942 | 2,941 | 1,618,247 |
| 1985 | 176,998 | 118,511 | 321,237 | 8,461 | 670,984 | 25,997 | 76,351 | 34,083 | 153,206 | 113,157 | 3,107 | 1,702,092 |
| 1986 | 264,923 | 237,038 | 220,715 | 4,191 | 538,761 | 10,570 | 156,167 | 69,344 | 244,685 | 379,769 | 2,030 | 2,128,193 |
| 1987 | 326,707 | 223,152 | 330,681 | 14,673 | 375,780 | 34,286 | 87,331 | 73,160 | 255,490 | 226,887 | 2,030 | 1,950,177 |
| 1988 | 404,050 | 258,445 | 165,576 | 54,233 | 428,308 | 33,997 | 99,826 | 33,692 | 118,426 | 84,367 | 0 | 1,680,920 |
| 1989 | 294,518 | 271,973 | 227,934 | 10,834 | 243,769 | 28,692 | 56,016 | 58,557 | 158,666 | 185,353 | 2,030 | 1,538,342 |
| 1990 | 361,987 | 261,932 | 322,514 | 24,936 | 447,811 | 26,169 | 77,326 | 86,287 | 67,077 | 79,245 | 4,059 | 1,759,343 |
| 1991 | 362,656 | 221,594 | 294,468 | 13,434 | 473,397 | 33,684 | 66,919 | 51,502 | 75,225 | 117,215 | 6,091 | 1,716,185 |
| 1992 | 365,876 | 284,670 | 241,407 | 50,484 | 571,923 | 58,291 | 137,890 | 27,117 | 114,706 | 102,008 | 0 | 1,954,371 |
| 1993 | 448,826 | 263,221 | 421,143 | 18,791 | 327,371 | 25,341 | 60,507 | 92,724 | 175,132 | 213,413 | 0 | 2,046,469 |
| 1994 | 499,960 | 166,712 | 421,445 | 27,988 | 737,458 | 30,176 | 42,640 | 194,320 | 507,801 | 283,523 | 0 | 2,912,021 |
| 1995 | 464,560 | 127,581 | 267,573 | 36,547 | 763,877 | 49,341 | 140,376 | 81,359 | 573,623 | 350,040 | 0 | 2,854,877 |
| 1996 | 481,325 | 117,834 | 373,845 | 23,876 | 1,212,812 | 11,800 | 176,733 | 109,320 | 653,775 | 287,636 | 0 | 3,448,958 |
| 1997 | 497,236 | 204,387 | 443,177 | 29,290 | 1,660,718 | 8,524 | 161,391 | 209,101 | 492,235 | 414,325 | 0 | 4,120,384 |
| 1998 | 852,469 | 394,370 | 329,423 | 16,225 | 790,546 | 27,100 | 91,713 | 90,476 | 360,578 | 230,323 | 0 | 3,183,223 |
| 1999 | 658,478 | 219,006 | 408,219 | 18,095 | 1,281,260 | 8,586 | 160,899 | 235,634 | 535,036 | 364,334 | 0 | 3,889,548 |
| 2000 | 846,385 | 247,967 | 380,429 | 18,091 | 899,774 | 18,180 | 175,829 | 60,324 | 646,965 | 226,793 | 0 | 3,520,738 |
| 2001 | 666,271 | 203,692 | 267,780 | 10,777 | 718,127 | 16,992 | 199,358 | 86,116 | 682,488 | 461,905 | 0 | 3,313,505 |
| 2002 | 580,831 | 371,369 | 273,949 | 10,877 | 310,154 | 27,555 | 100,174 | 76,170 | 378,812 | 188,300 | 0 | 2,318,192 |
| 2003 | 670,867 | 318,274 | 448,369 | 2,492 | 1,437,742 | 7,576 | 123,026 | 158,490 | 321,499 | 131,238 | 0 | 3,619,573 |
| 2004 | 642,604 | 246,511 | 384,649 | 14,708 | 783,624 | 16,079 | 142,871 | 125,633 | 350,840 | 100,883 | 2,029 | 2,810,431 |
| 2005 | 666,202 | 213,074 | 547,641 | 12,751 | 1,313,596 | 15,861 | 210,530 | 82,678 | 429,399 | 99,741 | 0 | 3,591,472 |
| 2006 | 408,631 | 192,543 | 700,753 | 6,564 | 1,611,641 | 5,300 | 177,794 | 90,278 | 350,196 | 136,526 | 0 | 3,680,225 |
| 2007 | 579,501 | 345,992 | 977,152 | 16,688 | 1,655,879 | 11,483 | 115,759 | 96,720 | 450,615 | 303,054 | 0 | 4,552,843 |
| 2008 | 465,722 | 322,333 | 617,572 | 11,985 | 1,183,784 | 18,663 | 89,552 | 48,382 | 410,849 | 332,418 | 6,567 | 3,507,828 |
| 2009 | 463,818 | 292,533 | 526,801 | 6,984 | 893,708 | 9,003 | 136,599 | 237,407 | 1,192,986 | 616,483 | 0 | 4,376,320 |
| 2010 | 626,117 | 296,698 | 475,055 | 2,483 | 794,998 | 1,185 | 87,073 | 63,830 | 982,908 | 727,083 | 0 | 4,057,429 |
| 2011 | 322,344 | 132,881 | 877,635 | 2,585 | 1,496,025 | 4,304 | 148,478 | 219,829 | 868,871 | 568,016 | 0 | 4,640,970 |
| 2012 | 376,760 | 274,657 | 914,995 | 862 | 1,857,662 | 10,255 | 137,772 | 158,132 | 926,582 | 359,885 | 0 | 5,017,561 |
| 2013 | 226,100 | 348,463 | 852,691 | 19,491 | 1,705,834 | 15,834 | 148,999 | 114,202 | 827,554 | 491,861 | 0 | 4,751,030 |
| 2014 | 372,368 | 371,612 | 914,033 | 16,314 | 1,711,046 | 5,489 | 255,034 | 208,578 | 927,236 | 495,074 | 2,072 | 5,278,857 |
| 2015 | 396,574 | 454,468 | 887,182 | 11,201 | 1,692,399 | 8,569 | 130,760 | 163,064 | 438,308 | 208,911 | 0 | 4,391,435 |
| 2016 | 560,476 | 785,611 | 460,942 | 2,585 | 1,206,910 | 14,546 | 119,069 | 102,253 | 383,154 | 331,355 | 0 | 3,966,902 |
| 2017 | 433,549 | 584,042 | 871,814 | 13,499 | 1,500,832 | 5,489 | 125,625 | 139,170 | 492,923 | 186,108 | 0 | 4,353,052 |
| 2018 | 367,032 | 415,035 | 1,027,228 | 7,673 | 1,066,001 | 10,267 | 109,242 | 253,851 | 556,413 | 390,975 | 4,195 | 4,207,913 |
| 2019 | 321,788 | 335,070 | 715,737 | 11,201 | 820,411 | 6,713 | 60,419 | 139,819 | 576,873 | 659,160 | 2,051 | 3,649,242 |
| Averages: | | | | | | | | | | | | |
| Long Term | 300,241 | 246,766 | 448,961 | 15,607 | 803,445 | 21,336 | 112,605 | 101,572 | 354,555 | 231,686 | 1,016 | 2,637,790 |
| 3-yr | 374,123 | 444,715 | 871,593 | 10,791 | 1,129,082 | 7,490 | 98,429 | 177,613 | 542,070 | 412,081 | 2,082 | 4,070,069 |
| % Change from: | | | | | | | | | | | | |
| Long Term | 7.3 | 36.5 | 60.9 | -28.5 | 2.1 | -68.9 | -46.7 | 38.5 | 64.3 | 193.0 | 105.1 | 39.2 |
| 3-yr | -14.0 | -24.7 | -17.9 | 3.8 | -27.3 | -10.4 | -38.6 | -21.3 | 6.4 | 60.0 | -1.5 | -10.3 |
| 2018 | -12.3 | -19.3 | -30.3 | 46.0 | -23.0 | -34.6 | -44.7 | -44.9 | 3.7 | 68.6 | -51.1 | -13.3 |

**Canvasback breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 48,591 | 52,742 | 96,240 | 22,330 | 266,234 | 43,842 | 36,663 | 9,037 | 11,563 | 2,015 | 0 | 589,257 |
| 1956 | 50,247 | 26,406 | 98,733 | 12,968 | 397,376 | 28,448 | 60,686 | 8,292 | 13,022 | 2,331 | 0 | 698,509 |
| 1957 | 59,367 | 25,063 | 100,592 | 0 | 362,043 | 5,889 | 48,505 | 7,670 | 14,340 | 2,602 | 0 | 626,072 |
| 1958 | 39,289 | 75,646 | 168,707 | 0 | 249,673 | 22,583 | 118,030 | 7,135 | 30,675 | 2,836 | 32,256 | 746,830 |
| 1959 | 77,409 | 80,638 | 78,148 | 36,022 | 81,192 | 79,590 | 39,344 | 6,669 | 6,870 | 2,801 | 0 | 488,684 |
| 1960 | 85,593 | 56,821 | 58,254 | 11,248 | 118,071 | 57,581 | 75,702 | 6,328 | 13,171 | 1,438 | 121,491 | 605,698 |
| 1961 | 14,690 | 50,009 | 63,861 | 43,416 | 120,986 | 68,255 | 54,850 | 6,058 | 3,058 | 2,801 | 7,266 | 435,251 |
| 1962 | 22,732 | 32,739 | 54,620 | 4,700 | 175,656 | 17,214 | 42,264 | 5,850 | 2,222 | 2,241 | 0 | 360,238 |
| 1963 | 69,254 | 100,405 | 77,628 | 42,715 | 90,882 | 42,735 | 57,910 | 5,695 | 14,704 | 2,627 | 1,681 | 506,235 |
| 1964 | 77,777 | 89,014 | 83,828 | 154,436 | 107,655 | 24,765 | 76,516 | 5,585 | 17,234 | 4,977 | 1,850 | 643,636 |
| 1965 | 66,523 | 44,632 | 100,526 | 26,681 | 126,493 | 50,530 | 82,630 | 3,080 | 18,993 | 2,032 | 0 | 522,120 |
| 1966 | 96,656 | 151,538 | 68,517 | 23,771 | 167,823 | 29,357 | 65,224 | 542 | 53,556 | 6,130 | 0 | 663,114 |
| 1967 | 48,854 | 33,354 | 97,884 | 25,738 | 137,480 | 50,489 | 75,248 | 1,598 | 26,508 | 3,504 | 1,919 | 502,576 |
| 1968 | 140,795 | 106,678 | 57,901 | 18,005 | 99,523 | 82,206 | 35,178 | 3,487 | 17,338 | 2,580 | 0 | 563,691 |
| 1969 | 63,450 | 76,527 | 26,683 | 12,819 | 162,416 | 17,597 | 61,754 | 5,543 | 58,871 | 17,871 | 0 | 503,530 |
| 1970 | 42,606 | 44,076 | 49,437 | 11,628 | 238,949 | 112,373 | 46,629 | 3,620 | 24,725 | 6,057 | 0 | 580,100 |
| 1971 | 46,233 | 49,169 | 39,010 | 1,263 | 202,092 | 14,621 | 69,283 | 5,631 | 14,710 | 2,773 | 5,889 | 450,674 |
| 1972 | 92,862 | 26,701 | 65,481 | 6,945 | 135,333 | 14,373 | 33,124 | 6,709 | 30,225 | 14,159 | 0 | 425,912 |
| 1973 | 127,100 | 50,780 | 54,039 | 7,787 | 228,926 | 65,701 | 34,909 | 9,648 | 28,501 | 13,060 | 0 | 620,451 |
| 1974 | 81,750 | 29,007 | 100,193 | 1,894 | 181,819 | 7,519 | 34,370 | 1,320 | 62,980 | 6,357 | 5,633 | 512,842 |
| 1975 | 39,393 | 64,269 | 78,945 | 9,522 | 252,884 | 19,961 | 77,565 | 2,112 | 39,286 | 5,599 | 5,561 | 595,098 |
| 1976 | 48,531 | 40,110 | 52,081 | 17,133 | 283,277 | 22,346 | 110,778 | 16,231 | 15,302 | 3,115 | 5,486 | 614,389 |
| 1977 | 168,622 | 49,316 | 64,639 | 16,772 | 256,461 | 28,225 | 58,162 | 3,168 | 10,282 | 2,991 | 5,403 | 664,042 |
| 1978 | 48,519 | 33,318 | 51,218 | 6,371 | 128,997 | 26,419 | 37,283 | 6,391 | 17,021 | 12,326 | 5,311 | 373,174 |
| 1979 | 62,365 | 51,826 | 53,462 | 8,575 | 280,931 | 11,627 | 49,316 | 10,443 | 42,695 | 5,553 | 5,210 | 582,004 |
| 1980 | 152,230 | 66,440 | 62,125 | 8,770 | 307,205 | 45,549 | 45,835 | 4,771 | 28,538 | 8,005 | 5,102 | 734,570 |
| 1981 | 133,576 | 133,507 | 49,418 | 36,764 | 110,099 | 43,366 | 65,875 | 5,357 | 31,949 | 5,936 | 4,996 | 620,843 |
| 1982 | 100,272 | 49,927 | 73,779 | 18,198 | 151,895 | 17,643 | 49,479 | 12,521 | 32,410 | 2,241 | 4,899 | 513,265 |
| 1983 | 109,231 | 68,981 | 49,684 | 12,628 | 212,701 | 15,542 | 33,382 | 4,964 | 12,389 | 2,293 | 4,817 | 526,612 |
| 1984 | 118,223 | 80,016 | 26,610 | 11,560 | 157,655 | 22,879 | 38,249 | 3,508 | 50,876 | 15,805 | 4,748 | 530,129 |
| 1985 | 80,541 | 14,107 | 56,591 | 6,911 | 118,752 | 21,950 | 45,576 | 2,089 | 20,116 | 4,610 | 4,685 | 375,929 |
| 1986 | 84,647 | 54,994 | 59,172 | 1,872 | 127,229 | 11,465 | 48,363 | 2,828 | 36,324 | 11,456 | 0 | 438,350 |
| 1987 | 99,281 | 27,809 | 53,490 | 3,950 | 184,156 | 9,615 | 36,467 | 980 | 28,693 | 5,668 | 0 | 450,109 |
| 1988 | 77,259 | 67,697 | 54,769 | 17,341 | 119,017 | 32,482 | 37,464 | 2,149 | 19,248 | 7,622 | 0 | 435,048 |
| 1989 | 131,649 | 110,005 | 36,657 | 12,103 | 81,515 | 22,387 | 33,480 | 5,145 | 39,193 | 5,305 | 0 | 477,439 |
| 1990 | 193,058 | 67,559 | 78,128 | 20,678 | 79,699 | 19,546 | 51,597 | 10,836 | 10,086 | 8,131 | 0 | 539,318 |
| 1991 | 125,852 | 80,103 | 58,413 | 13,450 | 130,547 | 24,656 | 43,289 | 1,026 | 8,553 | 5,262 | 0 | 491,151 |
| 1992 | 93,592 | 60,473 | 32,760 | 2,835 | 95,740 | 110,874 | 60,952 | 5,578 | 17,294 | 1,431 | 0 | 481,529 |
| 1993 | 82,469 | 127,926 | 45,856 | 11,365 | 93,027 | 41,244 | 32,976 | 9,341 | 19,833 | 8,018 | 0 | 472,055 |
| 1994 | 81,169 | 69,841 | 63,970 | 9,463 | 117,734 | 72,006 | 28,232 | 12,507 | 56,061 | 14,623 | 0 | 525,604 |
| 1995 | 125,595 | 120,157 | 60,492 | 12,217 | 282,285 | 20,342 | 91,838 | 8,015 | 42,041 | 7,611 | 0 | 770,593 |
| 1996 | 157,513 | 136,007 | 66,975 | 8,025 | 282,952 | 41,772 | 83,032 | 4,555 | 58,597 | 9,059 | 0 | 848,487 |
| 1997 | 44,986 | 93,403 | 68,518 | 22,372 | 280,056 | 27,968 | 63,531 | 9,588 | 69,152 | 9,180 | 0 | 688,754 |
| 1998 | 105,259 | 100,346 | 68,550 | 15,024 | 246,948 | 23,275 | 66,465 | 6,070 | 49,395 | 4,529 | 0 | 685,862 |
| 1999 | 88,957 | 151,409 | 56,133 | 16,718 | 253,376 | 28,762 | 70,515 | 4,944 | 42,279 | 2,945 | 0 | 716,039 |
| 2000 | 186,670 | 83,430 | 73,179 | 1,945 | 232,189 | 34,646 | 63,684 | 3,492 | 20,845 | 6,674 | 0 | 706,754 |
| 2001 | 89,029 | 62,722 | 31,885 | 10,105 | 232,199 | 21,460 | 56,310 | 4,541 | 66,508 | 5,067 | 0 | 579,826 |
| 2002 | 135,323 | 121,025 | 14,481 | 8,402 | 73,255 | 29,248 | 63,272 | 1,245 | 32,500 | 7,846 | 0 | 486,597 |
| 2003 | 88,976 | 115,123 | 69,687 | 4,960 | 194,783 | 8,270 | 41,815 | 10,886 | 20,008 | 3,067 | 0 | 557,575 |
| 2004 | 161,344 | 109,270 | 50,159 | 21,845 | 120,932 | 27,969 | 70,055 | 10,399 | 37,500 | 7,754 | 0 | 617,227 |
| 2005 | 95,049 | 97,516 | 42,688 | 26,453 | 162,444 | 12,740 | 47,658 | 3,399 | 27,895 | 4,732 | 0 | 520,574 |
| 2006 | 73,236 | 109,426 | 76,283 | 1,764 | 286,689 | 11,009 | 87,474 | 10,466 | 28,405 | 6,260 | 0 | 691,013 |
| 2007 | 91,717 | 138,910 | 127,296 | 15,243 | 324,344 | 18,917 | 77,250 | 15,429 | 47,172 | 8,645 | 0 | 864,924 |
| 2008 | 71,924 | 83,901 | 78,940 | 1,279 | 166,331 | 22,055 | 30,524 | 7,747 | 21,436 | 4,530 | 0 | 488,667 |
| 2009 | 41,301 | 88,111 | 51,880 | 14,384 | 280,330 | 34,346 | 48,396 | 10,817 | 82,101 | 10,470 | 0 | 662,135 |
| 2010 | 56,884 | 71,544 | 39,136 | 8,312 | 192,482 | 9,934 | 34,693 | 23,285 | 119,842 | 29,052 | 0 | 585,164 |
| 2011 | 22,487 | 51,093 | 33,131 | 23,406 | 334,961 | 7,121 | 67,628 | 10,700 | 117,327 | 23,705 | 0 | 691,560 |
| 2012 | 34,998 | 92,511 | 145,592 | 10,119 | 312,992 | 16,720 | 52,486 | 5,847 | 72,444 | 16,226 | 0 | 759,935 |
| 2013 | 34,505 | 92,287 | 54,318 | 1,279 | 381,353 | 28,748 | 61,998 | 10,163 | 109,953 | 12,375 | 0 | 786,978 |
| 2014 | 20,863 | 61,830 | 71,445 | 12,473 | 324,800 | 10,521 | 59,423 | 6,233 | 104,865 | 12,810 | 0 | 685,262 |
| 2015 | 40,808 | 109,174 | 114,350 | 17,034 | 270,237 | 18,345 | 37,511 | 6,573 | 130,676 | 12,575 | 0 | 757,281 |
| 2016 | 77,946 | 143,918 | 72,085 | 5,609 | 256,417 | 29,609 | 67,700 | 11,807 | 62,351 | 9,030 | 0 | 736,472 |
| 2017 | 86,565 | 110,494 | 63,725 | 15,773 | 295,239 | 20,748 | 76,617 | 8,030 | 45,672 | 9,666 | 0 | 732,531 |
| 2018 | 84,853 | 107,592 | 72,545 | 6,021 | 208,248 | 33,437 | 80,561 | 21,231 | 60,655 | 7,829 | 3,113 | 686,084 |
| 2019 | 78,336 | 105,855 | 133,180 | 1,918 | 160,143 | 22,741 | 56,053 | 19,161 | 43,996 | 30,541 | 0 | 651,925 |
| Averages: | | | | | | | | | | | | |
| Long Term | 84,267 | 78,111 | 67,365 | 15,282 | 201,479 | 31,018 | 56,764 | 7,170 | 38,662 | 7,682 | 3,651 | 591,451 |
| 3-yr | 83,251 | 107,980 | 89,817 | 7,904 | 221,210 | 25,642 | 71,077 | 16,140 | 50,108 | 16,012 | 1,038 | 690,180 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -7.1 | 36.3 | 100.8 | -87.6 | -20.8 | -27.0 | -1.3 | 174.4 | 14.0 | 316.9 | -100.0 | 10.4 |
| 3-yr | -5.9 | -2.0 | 48.3 | -75.7 | -27.6 | -11.3 | -21.1 | 18.7 | -12.2 | 90.7 | -100.0 | -5.5 |
| 2018 | -7.7 | -1.6 | 83.6 | -68.1 | -23.1 | -32.0 | -30.4 | -9.8 | -27.5 | 290.1 | -100.0 | -5.0 |

**Redhead breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 77 | 73,372 | 140,504 | 16,980 | 215,438 | 37,382 | 42,358 | 4,900 | 7,098 | 1,835 | 0 | 539,943 |
| 1956 | 82 | 66,319 | 145,690 | 0 | 449,138 | 16,487 | 53,460 | 4,518 | 13,226 | 8,400 | 0 | 757,320 |
| 1957 | 46 | 37,478 | 105,884 | 1,037 | 266,765 | 17,258 | 37,982 | 4,337 | 24,047 | 14,252 | 0 | 509,086 |
| 1958 | 0 | 29,463 | 127,205 | 0 | 143,540 | 0 | 99,124 | 4,255 | 34,122 | 19,413 | 0 | 457,122 |
| 1959 | 0 | 133,770 | 113,249 | 0 | 108,583 | 0 | 123,685 | 4,209 | 15,277 | 0 | 0 | 498,774 |
| 1960 | 482 | 52,896 | 71,291 | 19,899 | 134,155 | 21,661 | 68,128 | 4,189 | 88,880 | 30,060 | 6,142 | 497,783 |
| 1961 | 49 | 56,811 | 78,127 | 6,231 | 46,550 | 46,343 | 31,367 | 4,185 | 39,329 | 14,312 | 0 | 323,304 |
| 1962 | 170 | 98,593 | 44,294 | 11,410 | 150,681 | 10,137 | 40,430 | 4,194 | 91,214 | 56,382 | 0 | 507,506 |
| 1963 | 373 | 18,157 | 79,611 | 12,818 | 44,602 | 12,672 | 93,075 | 4,218 | 97,366 | 50,534 | 0 | 413,426 |
| 1964 | 53 | 72,963 | 88,569 | 29,003 | 105,288 | 21,818 | 97,307 | 4,257 | 58,497 | 50,370 | 0 | 528,125 |
| 1965 | 1,303 | 9,436 | 93,321 | 29,616 | 114,140 | 26,792 | 148,576 | 2,639 | 117,107 | 56,379 | 0 | 599,308 |
| 1966 | 56 | 16,535 | 190,141 | 7,779 | 124,630 | 26,435 | 83,569 | 4,170 | 203,067 | 56,704 | 0 | 713,086 |
| 1967 | 57 | 29,065 | 194,413 | 27,352 | 175,999 | 45,075 | 68,163 | 12,361 | 163,101 | 20,105 | 0 | 735,691 |
| 1968 | 58 | 29,209 | 84,971 | 34,890 | 134,886 | 49,042 | 38,305 | 1,377 | 93,292 | 33,356 | 0 | 499,386 |
| 1969 | 59 | 9,756 | 117,774 | 6,055 | 137,803 | 32,319 | 60,186 | 2,573 | 177,058 | 87,803 | 1,807 | 633,193 |
| 1970 | 60 | 8,254 | 74,686 | 2,271 | 179,593 | 66,893 | 81,413 | 2,022 | 153,479 | 53,581 | 0 | 622,252 |
| 1971 | 60 | 14,551 | 68,723 | 5,677 | 169,263 | 22,634 | 65,647 | 2,414 | 123,729 | 60,690 | 1,031 | 534,420 |
| 1972 | 61 | 17,666 | 118,113 | 3,784 | 158,555 | 17,703 | 59,523 | 0 | 126,908 | 48,567 | 0 | 550,880 |
| 1973 | 61 | 19,554 | 89,099 | 3,890 | 176,286 | 22,838 | 57,499 | 2,414 | 94,556 | 34,579 | 0 | 500,776 |
| 1974 | 61 | 7,896 | 155,310 | 757 | 237,626 | 4,888 | 86,899 | 1,049 | 110,656 | 20,209 | 971 | 626,322 |
| 1975 | 62 | 14,860 | 181,735 | 2,271 | 305,700 | 16,560 | 66,912 | 735 | 214,803 | 27,298 | 966 | 831,901 |
| 1976 | 62 | 6,122 | 173,409 | 13,584 | 311,671 | 6,514 | 83,148 | 2,667 | 63,634 | 4,096 | 957 | 665,865 |
| 1977 | 9,912 | 33,307 | 202,082 | 4,163 | 224,321 | 25,240 | 88,131 | 3,156 | 31,903 | 10,809 | 938 | 633,962 |
| 1978 | 62 | 28,690 | 133,845 | 6,326 | 130,314 | 12,490 | 68,856 | 6,984 | 191,765 | 144,417 | 899 | 724,648 |
| 1979 | 901 | 26,580 | 100,666 | 7,569 | 220,475 | 3,258 | 73,277 | 14,710 | 198,264 | 50,937 | 832 | 697,470 |
| 1980 | 2,408 | 35,245 | 268,364 | 6,812 | 190,929 | 26,537 | 42,065 | 4,372 | 122,694 | 28,220 | 730 | 728,375 |
| 1981 | 10,231 | 34,527 | 111,109 | 23,055 | 138,422 | 46,464 | 108,310 | 25,024 | 75,157 | 22,036 | 590 | 594,925 |
| 1982 | 63 | 13,928 | 57,828 | 6,990 | 123,435 | 21,618 | 74,196 | 14,999 | 258,185 | 45,190 | 419 | 616,851 |
| 1983 | 939 | 15,160 | 60,412 | 20,716 | 232,232 | 8,841 | 53,761 | 10,503 | 226,250 | 82,860 | 229 | 711,902 |
| 1984 | 186 | 42,008 | 98,329 | 7,221 | 201,569 | 4,111 | 16,455 | 19,180 | 170,279 | 111,944 | 39 | 671,321 |
| 1985 | 0 | 9,776 | 133,947 | 4,920 | 219,554 | 12,266 | 42,215 | 2,667 | 116,866 | 35,942 | 0 | 578,153 |
| 1986 | 1,636 | 31,598 | 123,277 | 7,096 | 181,600 | 9,755 | 33,375 | 3,556 | 103,480 | 64,234 | 0 | 559,607 |
| 1987 | 186 | 5,634 | 143,546 | 10,040 | 154,252 | 7,422 | 44,788 | 3,446 | 99,024 | 34,087 | 0 | 502,425 |
| 1988 | 4,360 | 17,706 | 85,673 | 11,633 | 189,306 | 9,874 | 46,141 | 2,721 | 55,196 | 19,265 | 0 | 441,875 |
| 1989 | 3,378 | 41,795 | 96,588 | 2,136 | 137,780 | 5,793 | 27,686 | 7,038 | 133,434 | 55,084 | 0 | 510,712 |
| 1990 | 3,625 | 42,319 | 162,824 | 1,514 | 137,203 | 15,070 | 74,187 | 7,800 | 16,958 | 16,707 | 2,710 | 480,917 |
| 1991 | 14,619 | 55,021 | 110,780 | 1,443 | 131,056 | 26,068 | 73,792 | 6,428 | 14,749 | 11,665 | 0 | 445,621 |
| 1992 | 659 | 83,388 | 112,004 | 1,515 | 150,261 | 11,278 | 111,235 | 5,544 | 78,760 | 40,965 | 0 | 595,609 |
| 1993 | 1,679 | 72,507 | 110,341 | 1,098 | 85,677 | 7,396 | 36,783 | 5,274 | 102,218 | 62,444 | 0 | 485,418 |
| 1994 | 1,449 | 30,951 | 110,274 | 15,440 | 183,461 | 23,023 | 32,356 | 3,353 | 154,966 | 98,194 | 0 | 653,468 |
| 1995 | 0 | 16,228 | 95,242 | 7,502 | 345,118 | 9,459 | 125,011 | 3,356 | 218,198 | 68,371 | 0 | 888,484 |
| 1996 | 639 | 23,900 | 102,699 | 3,788 | 293,215 | 3,170 | 86,549 | 8,139 | 257,856 | 54,278 | 0 | 834,231 |
| 1997 | 219 | 62,402 | 188,866 | 2,522 | 308,498 | 7,572 | 71,847 | 4,281 | 216,529 | 55,551 | 0 | 918,286 |
| 1998 | 0 | 67,535 | 67,548 | 3,453 | 268,106 | 27,768 | 158,068 | 6,126 | 327,549 | 78,926 | 0 | 1,005,079 |
| 1999 | 0 | 94,805 | 180,745 | 0 | 288,320 | 30,058 | 57,310 | 6,327 | 259,787 | 56,043 | 0 | 973,394 |
| 2000 | 622 | 25,773 | 106,769 | 1,557 | 323,806 | 39,080 | 87,763 | 1,803 | 306,110 | 33,015 | 0 | 926,298 |
| 2001 | 0 | 26,272 | 53,950 | 824 | 224,287 | 7,309 | 117,236 | 4,766 | 226,403 | 50,967 | 0 | 712,015 |
| 2002 | 4,550 | 37,934 | 112,539 | 6,740 | 94,886 | 21,660 | 57,883 | 9,468 | 143,498 | 75,645 | 0 | 564,803 |
| 2003 | 2,976 | 29,301 | 96,923 | 15,099 | 271,324 | 11,256 | 70,827 | 14,209 | 96,383 | 28,502 | 0 | 636,799 |
| 2004 | 2,360 | 73,356 | 78,910 | 6,411 | 131,193 | 24,941 | 101,990 | 11,174 | 161,331 | 13,678 | 0 | 605,345 |
| 2005 | 224 | 49,435 | 91,349 | 7,471 | 225,591 | 5,878 | 97,738 | 1,195 | 103,863 | 9,552 | 0 | 592,295 |
| 2006 | 10,080 | 58,885 | 154,266 | 366 | 434,958 | 4,793 | 101,814 | 8,510 | 114,287 | 28,317 | 0 | 916,274 |
| 2007 | 1,720 | 79,565 | 178,960 | 4,856 | 414,189 | 5,112 | 71,520 | 2,963 | 196,685 | 53,384 | 0 | 1,008,952 |
| 2008 | 2,097 | 93,870 | 332,878 | 1,919 | 383,044 | 10,044 | 55,902 | 3,153 | 135,663 | 37,391 | 0 | 1,055,962 |
| 2009 | 846 | 28,524 | 134,955 | 2,518 | 285,329 | 3,695 | 68,768 | 23,774 | 397,203 | 98,504 | 0 | 1,044,115 |
| 2010 | 1,401 | 51,137 | 90,305 | 384 | 316,481 | 2,991 | 107,237 | 10,521 | 363,577 | 120,142 | 0 | 1,064,177 |
| 2011 | 846 | 14,914 | 166,718 | 16,363 | 438,190 | 176 | 64,964 | 13,867 | 505,552 | 134,487 | 0 | 1,356,076 |
| 2012 | 0 | 16,355 | 183,478 | 10,466 | 382,884 | 8,872 | 98,792 | 16,721 | 459,829 | 92,486 | 0 | 1,269,883 |
| 2013 | 1,039 | 22,140 | 204,086 | 0 | 437,322 | 4,575 | 70,927 | 1,794 | 350,238 | 110,074 | 0 | 1,202,194 |
| 2014 | 0 | 59,173 | 262,681 | 768 | 541,828 | 880 | 95,451 | 3,127 | 238,392 | 76,439 | 0 | 1,278,738 |
| 2015 | 0 | 47,147 | 167,370 | 5,175 | 602,832 | 11,172 | 102,439 | 2,843 | 198,257 | 55,044 | 3,655 | 1,195,934 |
| 2016 | 693 | 86,599 | 218,921 | 2,687 | 637,237 | 8,638 | 144,583 | 5,208 | 147,162 | 37,066 | 0 | 1,288,793 |
| 2017 | 0 | 46,212 | 221,032 | 4,223 | 528,034 | 7,741 | 131,441 | 396 | 141,094 | 35,176 | 0 | 1,115,350 |
| 2018 | 0 | 77,822 | 244,570 | 2,315 | 289,944 | 3,871 | 134,934 | 23,619 | 146,780 | 62,099 | 13,084 | 999,037 |
| 2019 | 423 | 60,700 | 171,773 | 0 | 172,903 | 3,853 | 30,894 | 3,858 | 152,610 | 135,150 | 0 | 732,164 |
| Averages: | | | | | | | | | | | | |
| Long Term | 1,389 | 41,428 | 133,316 | 7,421 | 239,419 | 16,346 | 76,096 | 6,394 | 155,776 | 50,526 | 554 | 728,668 |
| 3-yr | 141 | 61,578 | 212,458 | 2,179 | 330,294 | 5,155 | 99,090 | 9,291 | 146,828 | 77,475 | 4,361 | 948,851 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -69.9 | 47.6 | 29.4 | -100.0 | -28.1 | -76.7 | -59.8 | -40.0 | -2.1 | 174.7 | -100.0 | 0.5 |
| 3-yr | 200.0 | -1.4 | -19.1 | -100.0 | -47.7 | -25.3 | -68.8 | -58.5 | 3.9 | 74.4 | -100.0 | -22.8 |
| 2018 | #DIV/0! | -22.0 | -29.8 | -100.0 | -40.4 | -0.5 | -77.1 | -83.7 | 4.0 | 117.6 | -100.0 | -26.7 |

**Greater Scaup and Lesser Scaup breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 753,529 | 2,800,646 | 427,241 | 383,247 | 858,296 | 119,934 | 171,292 | 56,138 | 19,852 | 13,332 | 16,624 | 5,620,130 |
| 1956 | 785,945 | 2,648,479 | 483,205 | 163,496 | 1,274,657 | 152,144 | 147,877 | 52,847 | 18,988 | 13,667 | 252,774 | 5,994,080 |
| 1957 | 612,344 | 2,523,084 | 515,078 | 388,610 | 898,118 | 485,072 | 187,491 | 49,982 | 18,458 | 13,930 | 74,774 | 5,766,942 |
| 1958 | 796,797 | 2,442,658 | 490,625 | 160,104 | 519,954 | 262,190 | 535,666 | 47,474 | 11,701 | 14,139 | 69,064 | 5,350,372 |
| 1959 | 795,959 | 4,118,304 | 400,167 | 240,930 | 683,122 | 264,467 | 360,682 | 45,340 | 22,118 | 13,608 | 92,914 | 7,037,610 |
| 1960 | 831,350 | 2,630,023 | 325,779 | 88,984 | 484,451 | 66,281 | 265,420 | 43,606 | 40,687 | 18,316 | 73,672 | 4,868,569 |
| 1961 | 893,245 | 3,035,070 | 393,608 | 127,116 | 419,505 | 132,048 | 227,101 | 42,246 | 18,301 | 8,131 | 83,674 | 5,380,045 |
| 1962 | 1,252,000 | 2,746,477 | 231,904 | 165,153 | 418,844 | 105,168 | 153,191 | 41,219 | 77,726 | 32,907 | 61,509 | 5,286,098 |
| 1963 | 1,149,391 | 3,081,749 | 358,495 | 233,622 | 174,445 | 105,893 | 207,330 | 40,473 | 15,081 | 11,014 | 60,909 | 5,438,402 |
| 1964 | 1,005,518 | 2,909,274 | 400,469 | 244,863 | 162,858 | 140,384 | 145,839 | 39,961 | 2,957 | 1,392 | 78,284 | 5,131,798 |
| 1965 | 665,936 | 2,714,311 | 306,502 | 290,519 | 257,313 | 173,235 | 130,274 | 27,804 | 14,004 | 29,172 | 30,894 | 4,639,964 |
| 1966 | 827,528 | 2,592,733 | 238,706 | 192,211 | 193,509 | 111,387 | 112,444 | 44,744 | 15,475 | 29,718 | 80,784 | 4,439,240 |
| 1967 | 582,826 | 2,897,293 | 346,752 | 330,859 | 323,387 | 191,208 | 120,563 | 42,954 | 22,121 | 11,158 | 58,550 | 4,927,671 |
| 1968 | 982,187 | 2,253,631 | 233,992 | 249,555 | 95,641 | 337,372 | 83,242 | 27,016 | 16,638 | 22,329 | 111,078 | 4,412,682 |
| 1969 | 909,939 | 2,707,741 | 350,869 | 298,484 | 305,025 | 338,225 | 59,758 | 50,035 | 36,326 | 12,122 | 71,257 | 5,139,780 |
| 1970 | 847,809 | 3,008,370 | 367,910 | 455,697 | 322,829 | 375,880 | 88,839 | 33,229 | 28,305 | 74,420 | 59,189 | 5,662,477 |
| 1971 | 712,499 | 3,221,234 | 299,466 | 255,069 | 222,426 | 189,620 | 101,129 | 15,585 | 28,182 | 7,306 | 90,746 | 5,143,262 |
| 1972 | 772,525 | 5,483,114 | 426,765 | 463,913 | 242,571 | 310,593 | 69,223 | 39,506 | 30,418 | 41,082 | 117,256 | 7,996,967 |
| 1973 | 844,139 | 3,775,802 | 588,899 | 406,364 | 230,379 | 187,038 | 66,179 | 49,232 | 41,881 | 19,232 | 48,271 | 6,257,416 |
| 1974 | 799,266 | 3,081,586 | 368,630 | 512,154 | 377,899 | 317,908 | 146,280 | 35,838 | 37,277 | 13,012 | 90,614 | 5,780,464 |
| 1975 | 830,445 | 3,528,071 | 382,726 | 439,869 | 622,166 | 296,659 | 160,029 | 26,414 | 70,275 | 12,744 | 90,626 | 6,460,024 |
| 1976 | 1,057,363 | 2,707,301 | 625,930 | 298,214 | 504,645 | 196,582 | 208,720 | 29,876 | 54,138 | 45,306 | 90,671 | 5,818,746 |
| 1977 | 1,236,560 | 3,047,468 | 477,693 | 311,079 | 702,247 | 194,254 | 129,710 | 34,417 | 19,683 | 16,374 | 90,752 | 6,260,238 |
| 1978 | 931,800 | 2,871,013 | 462,961 | 441,609 | 526,169 | 182,860 | 231,513 | 72,108 | 99,766 | 73,734 | 90,878 | 5,984,411 |
| 1979 | 869,502 | 3,849,246 | 687,495 | 774,361 | 796,541 | 175,671 | 89,640 | 88,566 | 199,175 | 36,692 | 91,054 | 7,657,943 |
| 1980 | 1,244,015 | 3,196,776 | 472,963 | 346,985 | 628,970 | 148,808 | 161,998 | 36,763 | 47,734 | 5,357 | 91,286 | 6,381,655 |
| 1981 | 1,033,374 | 3,303,857 | 469,335 | 244,662 | 277,144 | 293,553 | 114,930 | 35,823 | 107,536 | 19,092 | 91,577 | 5,990,883 |
| 1982 | 853,830 | 2,730,444 | 522,077 | 395,662 | 496,595 | 103,247 | 129,652 | 60,969 | 103,905 | 43,661 | 91,922 | 5,531,964 |
| 1983 | 992,949 | 3,575,832 | 491,943 | 583,000 | 844,809 | 221,280 | 177,679 | 47,127 | 92,617 | 54,262 | 92,300 | 7,173,798 |
| 1984 | 1,095,502 | 4,175,201 | 367,493 | 366,208 | 510,174 | 103,411 | 81,055 | 53,267 | 120,785 | 58,555 | 92,669 | 7,024,320 |
| 1985 | 816,838 | 2,500,696 | 363,182 | 623,208 | 319,833 | 115,311 | 113,234 | 19,962 | 102,100 | 30,633 | 92,958 | 5,097,956 |
| 1986 | 795,481 | 2,527,231 | 322,744 | 295,735 | 468,909 | 147,704 | 251,898 | 33,431 | 129,406 | 104,735 | 158,030 | 5,235,304 |
| 1987 | 797,827 | 2,701,361 | 256,190 | 370,331 | 278,187 | 53,653 | 150,304 | 44,737 | 91,392 | 35,422 | 83,325 | 4,862,729 |
| 1988 | 770,177 | 2,339,907 | 345,157 | 321,402 | 366,910 | 139,667 | 109,024 | 55,903 | 83,044 | 63,156 | 77,004 | 4,671,351 |
| 1989 | 768,778 | 2,467,280 | 157,957 | 235,124 | 208,113 | 104,917 | 88,955 | 46,877 | 38,794 | 80,442 | 144,813 | 4,342,050 |
| 1990 | 803,390 | 2,038,157 | 307,318 | 392,368 | 199,330 | 155,798 | 114,576 | 33,064 | 43,610 | 43,477 | 162,053 | 4,293,141 |
| 1991 | 1,170,594 | 2,061,038 | 299,766 | 854,778 | 265,398 | 152,481 | 75,251 | 25,202 | 89,932 | 66,800 | 193,659 | 5,254,899 |
| 1992 | 909,988 | 1,811,641 | 288,041 | 539,089 | 438,565 | 288,100 | 107,400 | 13,999 | 22,962 | 47,915 | 171,533 | 4,639,232 |
| 1993 | 951,309 | 1,838,798 | 268,358 | 320,665 | 352,122 | 195,497 | 44,981 | 28,298 | 36,565 | 7,289 | 36,264 | 4,080,144 |
| 1994 | 1,148,608 | 1,977,562 | 264,964 | 211,045 | 343,869 | 143,670 | 118,247 | 28,563 | 109,638 | 155,249 | 27,629 | 4,529,044 |
| 1995 | 946,247 | 1,784,120 | 366,514 | 243,642 | 518,644 | 215,337 | 116,142 | 21,418 | 108,498 | 120,947 | 4,934 | 4,446,443 |
| 1996 | 1,056,867 | 1,476,903 | 376,349 | 301,242 | 462,511 | 117,706 | 186,676 | 35,856 | 91,495 | 94,615 | 17,184 | 4,217,405 |
| 1997 | 800,166 | 1,632,592 | 347,675 | 352,466 | 489,482 | 158,051 | 94,811 | 32,692 | 115,514 | 75,614 | 13,289 | 4,112,349 |
| 1998 | 927,866 | 1,436,450 | 243,105 | 97,984 | 300,158 | 122,537 | 61,578 | 14,095 | 148,008 | 87,382 | 32,753 | 3,471,916 |
| 1999 | 955,974 | 2,133,616 | 228,223 | 351,563 | 287,427 | 191,628 | 72,369 | 28,049 | 120,777 | 40,303 | 1,795 | 4,411,723 |
| 2000 | 1,219,183 | 1,620,966 | 292,335 | 170,626 | 272,775 | 122,349 | 60,064 | 30,719 | 178,217 | 59,088 | 0 | 4,026,322 |
| 2001 | 1,148,144 | 1,475,601 | 201,944 | 184,193 | 320,615 | 68,924 | 74,164 | 31,488 | 130,282 | 44,526 | 14,129 | 3,694,010 |
| 2002 | 792,048 | 1,784,303 | 146,475 | 216,075 | 149,681 | 157,334 | 49,670 | 20,610 | 136,788 | 66,552 | 4,605 | 3,524,142 |
| 2003 | 969,704 | 1,736,075 | 172,052 | 211,663 | 251,357 | 142,661 | 48,575 | 24,622 | 140,738 | 36,997 | 0 | 3,734,444 |
| 2004 | 982,435 | 1,624,426 | 124,093 | 320,328 | 184,770 | 254,900 | 31,442 | 16,301 | 232,147 | 30,017 | 6,332 | 3,807,191 |
| 2005 | 960,708 | 1,361,394 | 126,509 | 176,007 | 381,266 | 172,820 | 60,074 | 12,845 | 104,983 | 30,286 | 0 | 3,386,893 |
| 2006 | 883,851 | 1,169,374 | 213,921 | 168,582 | 391,001 | 166,286 | 96,887 | 12,895 | 119,558 | 24,307 | 0 | 3,246,663 |
| 2007 | 1,191,270 | 1,261,018 | 182,318 | 137,918 | 302,053 | 133,327 | 50,384 | 11,413 | 159,588 | 22,946 | 0 | 3,452,233 |
| 2008 | 1,070,619 | 1,626,732 | 175,531 | 255,695 | 256,318 | 99,327 | 59,770 | 13,552 | 103,513 | 26,372 | 50,921 | 3,738,349 |
| 2009 | 820,924 | 1,685,442 | 286,509 | 445,886 | 323,877 | 230,600 | 70,097 | 24,682 | 236,451 | 39,651 | 7,977 | 4,172,097 |
| 2010 | 947,143 | 2,378,279 | 127,023 | 135,558 | 245,534 | 63,040 | 52,782 | 7,410 | 223,401 | 54,368 | 9,890 | 4,244,429 |
| 2011 | 847,477 | 2,165,251 | 228,434 | 238,647 | 346,797 | 119,830 | 84,724 | 26,934 | 176,758 | 75,711 | 8,726 | 4,319,289 |
| 2012 | 849,496 | 2,839,272 | 294,349 | 240,616 | 521,382 | 50,427 | 102,061 | 16,537 | 234,999 | 42,970 | 46,522 | 5,238,630 |
| 2013 | 547,712 | 2,343,201 | 150,046 | 185,264 | 475,426 | 89,363 | 38,146 | 10,982 | 200,612 | 84,205 | 40,723 | 4,165,678 |
| 2014 | 577,874 | 2,127,036 | 247,348 | 128,857 | 850,405 | 55,490 | 163,772 | 12,017 | 361,297 | 70,497 | 16,461 | 4,611,054 |
| 2015 | 587,180 | 2,214,959 | 261,901 | 218,792 | 470,840 | 95,198 | 112,256 | 4,726 | 355,392 | 42,647 | 31,414 | 4,395,305 |
| 2016 | 653,481 | 2,805,401 | 256,896 | 178,274 | 433,311 | 140,323 | 102,469 | 4,178 | 317,217 | 69,460 | 30,705 | 4,991,714 |
| 2017 | 781,427 | 2,237,682 | 266,374 | 195,447 | 476,981 | 98,259 | 70,371 | 19,072 | 167,200 | 37,971 | 20,943 | 4,371,725 |
| 2018 | 669,727 | 1,964,896 | 259,846 | 143,243 | 409,205 | 87,426 | 82,130 | 11,440 | 261,701 | 62,228 | 37,484 | 3,989,325 |
| 2019 | 498,562 | 1,792,922 | 352,389 | 142,549 | 353,019 | 111,127 | 69,147 | 18,179 | 169,729 | 77,359 | 5,817 | 3,590,799 |
| Averages: | | | | | | | | | | | | |
| Long Term | 885,925 | 2,501,513 | 327,962 | 299,346 | 416,781 | 169,899 | 123,833 | 32,359 | 104,222 | 43,352 | 62,868 | 4,968,060 |
| 3-yr | 649,905 | 1,998,500 | 292,870 | 160,413 | 413,068 | 98,937 | 73,883 | 16,230 | 199,543 | 59,186 | 21,415 | 3,983,950 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -44.1 | -28.6 | 7.6 | -52.8 | -15.5 | -34.9 | -44.5 | -44.2 | 64.5 | 80.7 | -90.9 | -28.0 |
| 3-yr | -23.3 | -10.3 | 20.3 | -11.1 | -14.5 | 12.3 | -6.4 | 12.0 | -14.9 | 30.7 | -72.8 | -9.9 |
| 2018 | -25.6 | -8.8 | 35.6 | -0.5 | -13.7 | 27.1 | -15.8 | 58.9 | -35.1 | 24.3 | -84.5 | -10.0 |

**Ring-necked Duck breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 110 | 240,319 | 1,430 | 97,443 | 27,218 | 40,817 | 2,133 | 1,218 | 606 | 0 | 40,192 | 451,486 |
| 1956 | 105 | 248,612 | 8,813 | 1,827 | 16,901 | 51,978 | 17,829 | 1,362 | 577 | 23 | 1,493 | 349,519 |
| 1957 | 0 | 144,020 | 1,491 | 0 | 10,947 | 0 | 6,955 | 1,481 | 553 | 76 | 0 | 165,523 |
| 1958 | 0 | 124,617 | 4,472 | 0 | 11,669 | 0 | 18,368 | 1,569 | 0 | 121 | 0 | 160,816 |
| 1959 | 0 | 502,257 | 9,418 | 2,485 | 27,559 | 2,506 | 53,155 | 1,630 | 0 | 0 | 0 | 599,010 |
| 1960 | 624 | 218,083 | 2,935 | 9,631 | 13,795 | 13,670 | 12,795 | 1,668 | 2,939 | 0 | 1,868 | 278,008 |
| 1961 | 0 | 121,889 | 10,138 | 10,200 | 8,352 | 26,900 | 17,362 | 1,687 | 0 | 0 | 1,855 | 198,383 |
| 1962 | 0 | 149,867 | 2,130 | 48,794 | 0 | 54,693 | 8,095 | 1,693 | 0 | 0 | 99,243 | 364,515 |
| 1963 | 0 | 128,820 | 1,662 | 158,424 | 20,828 | 57,977 | 22,903 | 1,689 | 858 | 955 | 67,608 | 461,723 |
| 1964 | 0 | 157,374 | 3,408 | 63,889 | 9,638 | 96,743 | 4,021 | 1,679 | 0 | 0 | 34,233 | 370,986 |
| 1965 | 0 | 235,624 | 11,012 | 97,384 | 23,183 | 97,496 | 8,877 | 3,256 | 29 | 0 | 35,623 | 512,484 |
| 1966 | 0 | 185,642 | 4,331 | 137,354 | 15,984 | 136,643 | 1,313 | 914 | 2,517 | 1,432 | 162,045 | 648,175 |
| 1967 | 0 | 141,396 | 34,792 | 87,074 | 10,360 | 141,059 | 9,984 | 7,405 | 0 | 1,117 | 60,025 | 493,212 |
| 1968 | 0 | 98,152 | 11,047 | 165,293 | 1,516 | 205,727 | 3,244 | 2,917 | 0 | 0 | 1,967 | 489,863 |
| 1969 | 0 | 62,905 | 8,687 | 106,530 | 6,459 | 164,452 | 6,626 | 222 | 584 | 0 | 18,275 | 374,740 |
| 1970 | 0 | 159,220 | 14,214 | 247,373 | 13,931 | 191,688 | 7,454 | 0 | 2,791 | 1,064 | 35,589 | 673,324 |
| 1971 | 0 | 155,243 | 36,221 | 193,395 | 7,175 | 217,630 | 0 | 0 | 1,056 | 532 | 46,812 | 658,064 |
| 1972 | 412 | 82,678 | 30,628 | 99,140 | 8,531 | 161,016 | 8,845 | 0 | 674 | 0 | 16,851 | 408,775 |
| 1973 | 0 | 121,405 | 2,002 | 97,495 | 8,242 | 59,939 | 11,530 | 0 | 0 | 0 | 32,703 | 333,316 |
| 1974 | 0 | 64,361 | 15,135 | 61,844 | 42,563 | 92,975 | 10,454 | 2,127 | 584 | 0 | 56,234 | 346,278 |
| 1975 | 0 | 123,159 | 26,015 | 112,640 | 53,769 | 137,873 | 16,356 | 0 | 1,168 | 0 | 59,440 | 530,420 |
| 1976 | 0 | 76,645 | 13,482 | 155,151 | 42,600 | 129,642 | 16,601 | 1,429 | 1,123 | 266 | 62,661 | 499,600 |
| 1977 | 62 | 202,878 | 23,939 | 113,688 | 38,991 | 79,101 | 9,046 | 222 | 1,370 | 431 | 65,887 | 535,615 |
| 1978 | 128 | 154,837 | 50,884 | 139,502 | 45,061 | 135,550 | 27,334 | 762 | 2,227 | 1,393 | 69,107 | 626,786 |
| 1979 | 764 | 91,260 | 21,324 | 92,592 | 46,839 | 85,298 | 33,768 | 0 | 8,433 | 631 | 72,311 | 453,220 |
| 1980 | 836 | 121,438 | 8,945 | 191,482 | 55,491 | 169,832 | 59,765 | 890 | 3,640 | 1,163 | 75,489 | 688,971 |
| 1981 | 9,626 | 120,313 | 29,526 | 279,199 | 40,994 | 194,943 | 58,844 | 890 | 0 | 2,789 | 78,630 | 815,754 |
| 1982 | 3,853 | 69,897 | 23,699 | 162,150 | 69,791 | 140,019 | 28,667 | 2,350 | 11,610 | 7,118 | 81,728 | 600,883 |
| 1983 | 3,501 | 144,927 | 12,682 | 154,626 | 21,765 | 147,033 | 32,438 | 16,263 | 103,023 | 59,044 | 84,779 | 780,082 |
| 1984 | 28,656 | 134,786 | 33,597 | 207,544 | 42,735 | 154,070 | 8,040 | 2,986 | 12,232 | 17,294 | 87,788 | 729,728 |
| 1985 | 16,298 | 88,159 | 18,727 | 181,788 | 21,387 | 185,941 | 16,468 | 4,320 | 3,460 | 1,393 | 90,772 | 628,713 |
| 1986 | 65,933 | 88,726 | 11,687 | 221,087 | 13,743 | 83,943 | 17,911 | 7,145 | 11,571 | 18,311 | 26,932 | 566,989 |
| 1987 | 38,287 | 121,134 | 18,557 | 267,576 | 29,315 | 203,625 | 29,251 | 445 | 3,190 | 14,415 | 6,733 | 732,528 |
| 1988 | 50,457 | 179,176 | 35,327 | 199,324 | 30,682 | 123,116 | 26,018 | 1,207 | 10,457 | 5,670 | 75,987 | 737,421 |
| 1989 | 24,751 | 152,267 | 46,509 | 98,543 | 8,620 | 100,612 | 15,673 | 3,781 | 10,939 | 17,685 | 64,444 | 543,824 |
| 1990 | 35,023 | 134,995 | 12,421 | 151,151 | 19,789 | 146,414 | 29,983 | 381 | 9,649 | 17,633 | 75,025 | 632,464 |
| 1991 | 18,669 | 131,749 | 14,924 | 189,372 | 19,606 | 171,340 | 19,246 | 470 | 5,018 | 5,474 | 81,758 | 657,626 |
| 1992 | 35,663 | 122,426 | 15,423 | 538,821 | 16,084 | 400,408 | 9,140 | 3,919 | 10,252 | 27,622 | 106,811 | 1,286,570 |
| 1993 | 39,781 | 209,323 | 9,559 | 228,559 | 12,013 | 191,076 | 5,887 | 4,007 | 425 | 5,801 | 161,498 | 867,927 |
| 1994 | 28,997 | 225,048 | 12,588 | 155,265 | 15,695 | 198,184 | 11,879 | 5,041 | 15,670 | 11,128 | 200,593 | 880,088 |
| 1995 | 26,090 | 211,296 | 8,980 | 159,170 | 36,010 | 151,835 | 11,679 | 6,960 | 44,359 | 41,561 | 257,021 | 954,961 |
| 1996 | 29,951 | 143,533 | 10,081 | 117,500 | 82,889 | 98,307 | 20,526 | 361 | 12,118 | 17,405 | 240,020 | 772,691 |
| 1997 | 36,999 | 385,574 | 37,449 | 174,733 | 58,057 | 121,803 | 27,675 | 0 | 11,228 | 19,129 | 319,803 | 1,192,452 |
| 1998 | 60,582 | 317,606 | 11,918 | 163,290 | 30,771 | 147,012 | 11,394 | 2,130 | 6,973 | 8,403 | 406,671 | 1,166,752 |
| 1999 | 19,150 | 365,723 | 51,981 | 301,184 | 57,237 | 102,510 | 16,596 | 2,355 | 20,602 | 25,726 | 140,159 | 1,103,225 |
| 2000 | 65,473 | 478,776 | 16,221 | 154,839 | 63,882 | 99,402 | 41,243 | 0 | 6,199 | 10,834 | 341,414 | 1,278,283 |
| 2001 | 86,529 | 256,834 | 20,167 | 154,818 | 36,316 | 158,846 | 37,998 | 2,945 | 13,291 | 8,698 | 163,228 | 939,669 |
| 2002 | 52,132 | 161,419 | 7,530 | 369,450 | 29,672 | 221,703 | 29,967 | 1,145 | 22,764 | 13,314 | 580,945 | 1,490,041 |
| 2003 | 96,086 | 322,451 | 31,096 | 163,261 | 27,212 | 179,157 | 39,984 | 387 | 10,601 | 8,920 | 350,540 | 1,229,696 |
| 2004 | 71,668 | 222,776 | 44,081 | 174,823 | 19,603 | 221,100 | 19,843 | 2,982 | 2,543 | 5,007 | 358,085 | 1,142,511 |
| 2005 | 78,618 | 290,904 | 12,895 | 264,008 | 6,927 | 187,767 | 20,652 | 1,762 | 9,561 | 6,080 | 137,546 | 1,016,720 |
| 2006 | 83,590 | 251,006 | 21,488 | 286,235 | 59,318 | 95,511 | 26,556 | 8,376 | 5,724 | 4,954 | 109,915 | 952,672 |
| 2007 | 61,467 | 238,283 | 31,962 | 249,523 | 22,637 | 205,858 | 40,462 | 9,742 | 13,363 | 2,886 | 184,272 | 1,060,457 |
| 2008 | 40,901 | 283,553 | 21,395 | 206,475 | 49,762 | 160,310 | 24,198 | 3,302 | 6,362 | 2,331 | 212,251 | 1,010,841 |
| 2009 | 28,999 | 481,195 | 24,994 | 256,458 | 39,289 | 155,848 | 15,072 | 16,689 | 20,389 | 19,249 | 210,345 | 1,268,527 |
| 2010 | 46,086 | 625,628 | 16,141 | 109,488 | 57,354 | 121,614 | 17,428 | 7,221 | 12,544 | 31,282 | 100,884 | 1,145,670 |
| 2011 | 30,577 | 452,835 | 7,800 | 97,774 | 111,520 | 46,264 | 9,736 | 1,506 | 39,076 | 75,659 | 132,557 | 1,005,305 |
| 2012 | 30,427 | 371,174 | 7,157 | 82,578 | 111,462 | 111,929 | 32,951 | 2,318 | 21,193 | 22,110 | 228,745 | 1,022,043 |
| 2013 | 21,822 | 531,718 | 13,538 | 158,927 | 101,132 | 233,165 | 85,812 | 0 | 42,002 | 26,626 | 0 | 1,214,742 |
| 2014 | 49,030 | 681,224 | 19,258 | 112,126 | 176,243 | 174,404 | 65,159 | 16,102 | 76,260 | 26,236 | 177,822 | 1,573,864 |
| 2015 | 40,902 | 726,904 | 14,008 | 99,181 | 201,640 | 121,347 | 72,792 | 8,319 | 27,511 | 13,577 | 177,134 | 1,503,316 |
| 2016 | 56,873 | 934,562 | 42,277 | 73,902 | 172,888 | 211,328 | 31,764 | 8,559 | 35,484 | 30,043 | 175,034 | 1,772,715 |
| 2017 | 49,928 | 1,123,508 | 52,178 | 160,780 | 176,128 | 190,940 | 51,965 | 471 | 17,715 | 11,125 | 83,288 | 1,918,026 |
| 2018 | 38,912 | 812,462 | 43,933 | 208,457 | 121,632 | 287,725 | 75,712 | 2,522 | 19,823 | 18,930 | 152,972 | 1,783,080 |
| 2019 | 48,686 | 859,760 | 11,652 | 144,645 | 101,972 | 146,089 | 48,957 | 13,775 | 28,739 | 18,457 | 114,961 | 1,537,694 |
| Averages: | | | | | | | | | | | | |
| Long Term | 25,446 | 270,251 | 18,984 | 153,373 | 44,329 | 137,595 | 24,314 | 3,215 | 11,779 | 10,602 | 118,409 | 818,298 |
| 3-yr | 45,842 | 931,910 | 35,921 | 171,294 | 133,244 | 208,251 | 58,878 | 5,590 | 22,092 | 16,171 | 117,074 | 1,746,267 |
| % Change from: | | | | | | | | | | | | |
| Long Term | 94.1 | 229.4 | -39.0 | -5.8 | 134.8 | 6.3 | 104.6 | 351.7 | 149.6 | 76.1 | -3.0 | 90.5 |
| 3-yr | 6.2 | -7.7 | -67.6 | -15.6 | -23.5 | -29.8 | -16.8 | 146.4 | 30.1 | 14.1 | -1.8 | -11.9 |
| 2018 | 25.1 | 5.8 | -73.5 | -30.6 | -16.2 | -49.2 | -35.3 | 446.1 | 45.0 | -2.5 | -24.8 | -13.8 |

**Bufflehead breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 25,420 | 236,090 | 26,140 | 30,606 | 7,641 | 19,237 | 12,415 | 667 | 0 | 0 | 8,269 | 366,485 |
| 1956 | 26,868 | 252,953 | 36,632 | 14,342 | 8,806 | 5,254 | 3,615 | 695 | 0 | 0 | 15,951 | 365,116 |
| 1957 | 26,885 | 213,382 | 33,770 | 18,826 | 14,205 | 1,675 | 1,197 | 725 | 7 | 0 | 0 | 310,673 |
| 1958 | 15,714 | 202,694 | 39,475 | 15,586 | 7,518 | 13,445 | 9,218 | 757 | 0 | 14 | 16,941 | 321,362 |
| 1959 | 43,294 | 409,513 | 44,641 | 20,608 | 8,968 | 11,364 | 9,710 | 792 | 0 | 0 | 6,058 | 554,948 |
| 1960 | 37,751 | 277,597 | 32,949 | 60,858 | 13,422 | 66,644 | 6,932 | 828 | 0 | 0 | 16,241 | 513,223 |
| 1961 | 25,485 | 274,641 | 53,212 | 16,535 | 9,498 | 26,293 | 8,262 | 865 | 0 | 0 | 9,303 | 424,094 |
| 1962 | 46,138 | 262,226 | 22,142 | 43,270 | 1,987 | 14,293 | 4,862 | 900 | 0 | 0 | 17,365 | 413,182 |
| 1963 | 37,426 | 210,776 | 26,546 | 33,662 | 11,196 | 11,592 | 15,169 | 932 | 75 | 0 | 25,832 | 373,205 |
| 1964 | 29,415 | 276,307 | 24,446 | 29,950 | 13,182 | 4,640 | 9,632 | 962 | 0 | 0 | 0 | 388,535 |
| 1965 | 40,510 | 252,212 | 71,138 | 25,252 | 22,877 | 6,266 | 20,486 | 1,318 | 122 | 0 | 3,073 | 443,254 |
| 1966 | 47,808 | 323,656 | 33,434 | 35,773 | 14,378 | 12,433 | 13,238 | 1,290 | 144 | 404 | 4,305 | 486,863 |
| 1967 | 54,147 | 256,133 | 48,640 | 54,732 | 18,058 | 19,290 | 32,589 | 380 | 0 | 945 | 6,553 | 491,468 |
| 1968 | 37,159 | 249,902 | 32,448 | 110,505 | 29,476 | 55,202 | 10,007 | 2,050 | 0 | 0 | 51,306 | 578,055 |
| 1969 | 32,946 | 358,755 | 44,142 | 67,740 | 39,162 | 47,997 | 25,725 | 1,414 | 0 | 0 | 36,016 | 653,897 |
| 1970 | 43,536 | 306,760 | 40,370 | 115,130 | 20,522 | 20,507 | 8,379 | 376 | 1,805 | 0 | 84,895 | 642,280 |
| 1971 | 44,545 | 452,695 | 33,837 | 121,094 | 12,612 | 66,286 | 16,542 | 0 | 0 | 0 | 21,637 | 769,248 |
| 1972 | 40,862 | 428,648 | 53,320 | 112,566 | 31,727 | 54,472 | 10,284 | 1,666 | 2,607 | 1,458 | 18,558 | 756,168 |
| 1973 | 40,487 | 299,541 | 30,593 | 84,400 | 17,890 | 32,360 | 6,368 | 645 | 494 | 0 | 28,298 | 541,076 |
| 1974 | 64,846 | 373,253 | 25,989 | 100,980 | 19,122 | 32,541 | 22,138 | 1,694 | 0 | 450 | 22,588 | 663,601 |
| 1975 | 44,018 | 390,717 | 56,129 | 92,222 | 43,688 | 26,982 | 19,533 | 376 | 0 | 0 | 23,013 | 696,678 |
| 1976 | 81,727 | 327,653 | 47,317 | 157,327 | 23,759 | 65,185 | 24,146 | 645 | 652 | 0 | 23,526 | 751,937 |
| 1977 | 51,062 | 324,548 | 35,200 | 117,548 | 38,500 | 43,492 | 18,930 | 0 | 0 | 0 | 24,100 | 653,380 |
| 1978 | 69,757 | 446,095 | 60,638 | 166,539 | 40,666 | 33,997 | 35,575 | 1,290 | 956 | 450 | 24,703 | 880,666 |
| 1979 | 78,958 | 453,912 | 67,167 | 147,764 | 42,409 | 49,407 | 12,588 | 3,600 | 2,405 | 1,518 | 25,300 | 885,028 |
| 1980 | 60,021 | 369,943 | 32,328 | 120,822 | 23,908 | 33,397 | 26,860 | 1,021 | 1,406 | 1,068 | 25,847 | 696,621 |
| 1981 | 40,037 | 304,556 | 55,464 | 139,754 | 29,181 | 41,313 | 31,977 | 2,365 | 989 | 900 | 26,295 | 672,831 |
| 1982 | 48,194 | 249,786 | 42,220 | 88,416 | 24,723 | 39,701 | 24,075 | 5,563 | 652 | 3,147 | 26,624 | 553,100 |
| 1983 | 45,007 | 517,058 | 57,370 | 161,008 | 36,247 | 65,938 | 27,154 | 376 | 3,688 | 6,071 | 26,832 | 946,749 |
| 1984 | 37,821 | 589,281 | 25,754 | 91,884 | 27,630 | 23,201 | 20,082 | 1,774 | 7,087 | 2,808 | 26,947 | 854,269 |
| 1985 | 36,788 | 301,089 | 16,954 | 77,854 | 26,868 | 34,336 | 31,783 | 1,021 | 494 | 0 | 27,027 | 554,214 |
| 1986 | 38,657 | 365,496 | 33,818 | 101,392 | 33,916 | 20,813 | 26,483 | 376 | 798 | 4,752 | 12,220 | 638,721 |
| 1987 | 55,759 | 479,870 | 22,662 | 83,307 | 32,906 | 24,463 | 36,418 | 0 | 0 | 0 | 12,863 | 748,248 |
| 1988 | 46,731 | 446,362 | 50,807 | 72,919 | 20,419 | 18,088 | 29,024 | 4,141 | 494 | 2,892 | 28,298 | 720,175 |
| 1989 | 54,676 | 445,637 | 32,509 | 100,368 | 21,880 | 34,422 | 30,472 | 1,666 | 2,101 | 5,031 | 15,436 | 744,198 |
| 1990 | 31,763 | 407,934 | 36,522 | 140,679 | 31,746 | 39,118 | 30,184 | 6,019 | 494 | 450 | 20,581 | 745,490 |
| 1991 | 40,059 | 420,323 | 80,036 | 135,709 | 44,311 | 46,181 | 37,994 | 2,162 | 3,204 | 1,218 | 23,153 | 834,350 |
| 1992 | 32,271 | 428,798 | 67,581 | 258,475 | 37,561 | 133,039 | 41,498 | 1,296 | 3,296 | 7,453 | 19,274 | 1,030,544 |
| 1993 | 29,729 | 364,254 | 79,610 | 225,102 | 43,876 | 71,081 | 18,226 | 358 | 2,475 | 0 | 34,694 | 869,405 |
| 1994 | 38,319 | 401,486 | 43,090 | 133,361 | 42,057 | 38,470 | 40,321 | 337 | 4,680 | 12,039 | 11,565 | 765,723 |
| 1995 | 37,931 | 459,946 | 68,323 | 112,532 | 41,869 | 53,455 | 41,613 | 539 | 3,582 | 5,886 | 6,884 | 832,558 |
| 1996 | 49,745 | 467,314 | 103,462 | 107,638 | 52,985 | 34,886 | 29,507 | 0 | 1,841 | 1,189 | 31,396 | 879,963 |
| 1997 | 40,177 | 619,714 | 91,329 | 140,292 | 91,615 | 69,324 | 53,372 | 2,249 | 1,980 | 1,297 | 12,465 | 1,123,815 |
| 1998 | 46,697 | 472,410 | 73,919 | 178,087 | 78,803 | 45,860 | 35,415 | 1,480 | 1,124 | 633 | 11,452 | 945,880 |
| 1999 | 41,166 | 601,213 | 69,529 | 183,075 | 88,391 | 71,999 | 41,731 | 1,122 | 267 | 2,316 | 10,857 | 1,111,666 |
| 2000 | 39,704 | 382,714 | 70,930 | 161,385 | 112,810 | 71,044 | 38,195 | 1,719 | 3,235 | 389 | 28,162 | 910,287 |
| 2001 | 54,410 | 481,770 | 59,180 | 144,641 | 73,669 | 56,112 | 36,874 | 633 | 5,219 | 613 | 12,475 | 925,596 |
| 2002 | 38,290 | 485,954 | 47,226 | 190,051 | 75,350 | 51,187 | 34,696 | 542 | 2,396 | 1,912 | 20,786 | 948,388 |
| 2003 | 46,615 | 558,124 | 82,872 | 195,622 | 99,374 | 56,137 | 38,769 | 656 | 2,536 | 1,565 | 7,219 | 1,089,491 |
| 2004 | 43,849 | 532,066 | 70,637 | 180,367 | 55,215 | 107,340 | 50,455 | 647 | 560 | 1,014 | 11,077 | 1,053,228 |
| 2005 | 51,726 | 619,523 | 78,860 | 150,978 | 91,789 | 76,001 | 54,903 | 3,032 | 260 | 1,007 | 8,961 | 1,137,042 |
| 2006 | 46,319 | 606,111 | 107,600 | 163,776 | 101,426 | 60,852 | 49,737 | 1,743 | 1,594 | 0 | 5,238 | 1,144,396 |
| 2007 | 60,963 | 547,177 | 98,154 | 201,485 | 107,560 | 69,009 | 59,218 | 561 | 1,967 | 849 | 4,600 | 1,151,544 |
| 2008 | 56,816 | 561,513 | 60,121 | 165,261 | 116,041 | 49,162 | 41,672 | 940 | 1,419 | 3,296 | 14,770 | 1,071,011 |
| 2009 | 58,936 | 503,058 | 69,632 | 217,812 | 85,891 | 123,622 | 38,713 | 536 | 2,287 | 1,741 | 6,634 | 1,108,861 |
| 2010 | 53,456 | 797,480 | 76,700 | 204,126 | 172,057 | 63,387 | 34,023 | 1,596 | 5,662 | 612 | 6,289 | 1,415,389 |
| 2011 | 55,168 | 591,973 | 99,844 | 219,276 | 150,098 | 91,367 | 35,525 | 1,028 | 12,677 | 10,699 | 4,277 | 1,271,931 |
| 2012 | 48,489 | 745,485 | 141,370 | 199,128 | 182,482 | 49,650 | 30,125 | 0 | 4,005 | 1,504 | 7,166 | 1,409,406 |
| 2013 | 38,145 | 537,395 | 76,971 | 169,266 | 209,058 | 81,515 | 62,426 | 0 | 6,381 | 10,857 | 0 | 1,192,014 |
| 2014 | 43,499 | 617,994 | 126,038 | 141,466 | 229,216 | 56,935 | 42,988 | 0 | 14,189 | 12,567 | 26,949 | 1,311,841 |
| 2015 | 42,528 | 700,610 | 123,783 | 215,142 | 296,113 | 110,145 | 69,954 | 0 | 4,218 | 1,132 | 24,277 | 1,587,902 |
| 2016 | 44,086 | 689,446 | 98,543 | 133,923 | 226,435 | 55,225 | 85,413 | 0 | 2,302 | 3,005 | 15,194 | 1,353,573 |
| 2017 | 43,181 | 599,393 | 146,902 | 196,267 | 201,411 | 68,913 | 51,789 | 0 | 4,910 | 5,948 | 10,566 | 1,329,279 |
| 2018 | 44,521 | 602,175 | 114,953 | 120,707 | 235,452 | 70,513 | 58,246 | 2,205 | 6,341 | 4,862 | 31,391 | 1,291,366 |
| 2019 | 38,205 | 532,169 | 94,533 | 127,438 | 214,819 | 57,761 | 54,363 | 9,006 | 12,508 | 5,646 | 7,799 | 1,154,245 |
| Averages: | | | | | | | | | | | | |
| Long Term | 44,419 | 434,850 | 60,745 | 122,225 | 67,360 | 47,782 | 30,459 | 1,286 | 2,224 | 2,055 | 18,129 | 831,534 |
| 3-yr | 41,969 | 577,912 | 118,796 | 148,137 | 217,227 | 65,729 | 54,799 | 3,737 | 7,920 | 5,485 | 16,585 | 1,258,297 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -14.2 | 22.8 | 57.0 | 4.3 | 230.2 | 21.3 | 80.7 | 673.0 | 506.1 | 182.4 | -57.4 | 39.7 |
| 3-yr | -9.0 | -7.9 | -20.4 | -14.0 | -1.1 | -12.1 | -0.8 | 141.0 | 57.9 | 2.9 | -53.0 | -8.3 |
| 2018 | -14.2 | -11.6 | -17.8 | 5.6 | -8.8 | -18.1 | -6.7 | 308.4 | 97.3 | 16.1 | -75.2 | -10.6 |

**Ruddy Duck breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 6 | 34,732 | 76,180 | 0 | 128,697 | 0 | 28,904 | 8,538 | 11,163 | 1,639 | 0 | 289,859 |
| 1956 | 6 | 29,593 | 78,270 | 0 | 231,810 | 0 | 28,602 | 8,282 | 11,272 | 831 | 0 | 388,665 |
| 1957 | 6 | 6,904 | 43,444 | 0 | 126,127 | 0 | 24,925 | 8,012 | 11,544 | 320 | 0 | 221,282 |
| 1958 | 0 | 18,693 | 51,584 | 0 | 66,230 | 0 | 24,560 | 7,739 | 1,579 | 327 | 0 | 170,712 |
| 1959 | 0 | 100,268 | 79,151 | 0 | 256,132 | 4,495 | 76,840 | 7,510 | 23,823 | 0 | 0 | 548,219 |
| 1960 | 0 | 23,497 | 97,861 | 0 | 116,771 | 2,075 | 60,407 | 7,372 | 44,286 | 10,693 | 0 | 362,963 |
| 1961 | 6 | 67,452 | 49,800 | 0 | 71,428 | 2,420 | 92,851 | 7,263 | 23,344 | 3,602 | 24,958 | 343,124 |
| 1962 | 0 | 1,225 | 21,895 | 23,774 | 59,550 | 5,532 | 49,507 | 7,180 | 27,469 | 11,836 | 9,983 | 217,951 |
| 1963 | 0 | 22,237 | 37,418 | 9,906 | 38,531 | 7,953 | 98,281 | 7,121 | 18,194 | 5,608 | 0 | 245,249 |
| 1964 | 7 | 7,830 | 92,953 | 78 | 34,264 | 6,224 | 68,705 | 7,082 | 5,401 | 1,402 | 0 | 223,945 |
| 1965 | 7 | 6,408 | 93,379 | 7,925 | 42,614 | 10,719 | 65,530 | 0 | 9,047 | 1,869 | 0 | 237,499 |
| 1966 | 8 | 17,512 | 83,012 | 4,953 | 77,068 | 6,570 | 95,751 | 2,715 | 33,409 | 5,608 | 0 | 326,606 |
| 1967 | 8 | 15,342 | 111,877 | 10,524 | 58,726 | 9,480 | 74,859 | 1,666 | 41,836 | 0 | 0 | 324,318 |
| 1968 | 9 | 7,721 | 96,722 | 24,416 | 83,345 | 55,886 | 87,996 | 1,464 | 15,527 | 8,914 | 3,529 | 385,528 |
| 1969 | 9 | 36,462 | 47,903 | 1,345 | 54,967 | 19,363 | 38,626 | 22,292 | 45,151 | 6,963 | 0 | 273,081 |
| 1970 | 10 | 10,367 | 66,904 | 0 | 42,062 | 14,888 | 64,692 | 613 | 86,036 | 39,331 | 3,451 | 328,355 |
| 1971 | 11 | 12,541 | 56,720 | 0 | 60,181 | 6,916 | 52,880 | 1,321 | 46,990 | 27,698 | 1,835 | 267,094 |
| 1972 | 13 | 45,551 | 101,955 | 3,915 | 67,151 | 8,644 | 25,835 | 5,656 | 55,134 | 30,115 | 0 | 343,968 |
| 1973 | 14 | 18,841 | 38,224 | 0 | 115,961 | 6,874 | 43,867 | 3,111 | 40,651 | 18,615 | 3,451 | 289,609 |
| 1974 | 15 | 9,557 | 93,341 | 0 | 98,476 | 7,261 | 55,554 | 1,816 | 166,970 | 23,151 | 1,779 | 457,920 |
| 1975 | 16 | 21,550 | 184,681 | 0 | 80,323 | 2,697 | 49,940 | 2,595 | 125,136 | 209,732 | 1,756 | 678,425 |
| 1976 | 17 | 1,566 | 33,571 | 4,337 | 58,362 | 346 | 45,305 | 1,862 | 22,838 | 6,228 | 1,730 | 176,162 |
| 1977 | 18 | 42,471 | 101,483 | 723 | 101,834 | 5,532 | 34,650 | 1,156 | 21,129 | 5,815 | 1,702 | 316,512 |
| 1978 | 19 | 8,267 | 75,549 | 2,169 | 49,972 | 7,950 | 51,087 | 14,144 | 123,267 | 28,655 | 1,671 | 362,750 |
| 1979 | 20 | 10,692 | 42,045 | 1,446 | 91,103 | 3,607 | 22,288 | 12,354 | 97,986 | 15,995 | 1,637 | 299,172 |
| 1980 | 20 | 18,959 | 33,938 | 1,374 | 57,940 | 26,232 | 80,539 | 660 | 111,362 | 21,649 | 1,600 | 354,274 |
| 1981 | 21 | 53,077 | 62,966 | 14,943 | 49,705 | 37,418 | 91,792 | 17,094 | 237,580 | 67,045 | 1,559 | 633,200 |
| 1982 | 22 | 25,888 | 116,002 | 1,486 | 181,908 | 15,560 | 146,203 | 17,756 | 357,108 | 84,425 | 1,514 | 947,872 |
| 1983 | 23 | 171,613 | 72,906 | 17,130 | 108,529 | 5,532 | 55,049 | 9,082 | 184,756 | 88,919 | 1,464 | 715,003 |
| 1984 | 1,451 | 58,792 | 62,324 | 0 | 78,878 | 7,261 | 31,634 | 11,794 | 251,823 | 48,654 | 1,409 | 554,021 |
| 1985 | 0 | 28,715 | 43,776 | 723 | 128,272 | 5,187 | 39,344 | 7,997 | 111,932 | 23,149 | 1,350 | 390,445 |
| 1986 | 0 | 112,732 | 32,902 | 0 | 120,190 | 6,548 | 68,533 | 4,623 | 170,083 | 69,389 | 0 | 585,000 |
| 1987 | 0 | 30,329 | 35,823 | 5,060 | 105,566 | 1,037 | 79,997 | 613 | 113,850 | 28,544 | 0 | 400,819 |
| 1988 | 119 | 17,764 | 77,895 | 0 | 61,243 | 13,529 | 57,384 | 25,099 | 12,639 | 3,173 | 0 | 268,845 |
| 1989 | 836 | 109,224 | 65,604 | 5,697 | 80,122 | 6,570 | 51,315 | 5,779 | 55,270 | 44,007 | 0 | 424,424 |
| 1990 | 653 | 78,963 | 129,916 | 24,786 | 56,232 | 7,823 | 68,853 | 9,196 | 62,516 | 34,139 | 0 | 473,077 |
| 1991 | 0 | 44,059 | 193,766 | 6,747 | 58,480 | 15,739 | 68,697 | 37,980 | 14,031 | 10,172 | 0 | 449,671 |
| 1992 | 0 | 106,349 | 85,226 | 7,215 | 116,146 | 2,422 | 58,390 | 9,239 | 29,473 | 3,899 | 0 | 418,358 |
| 1993 | 0 | 120,285 | 57,054 | 0 | 78,071 | 51,796 | 22,759 | 1,817 | 33,928 | 21,492 | 0 | 387,202 |
| 1994 | 0 | 12,559 | 65,536 | 0 | 102,211 | 673 | 14,427 | 4,718 | 105,606 | 36,694 | 0 | 342,424 |
| 1995 | 0 | 42,748 | 128,458 | 4,083 | 158,131 | 16,432 | 32,074 | 6,989 | 78,621 | 43,233 | 0 | 510,769 |
| 1996 | 837 | 67,942 | 302,195 | 2,808 | 166,676 | 2,018 | 38,710 | 1,194 | 72,793 | 14,660 | 10,438 | 680,273 |
| 1997 | 0 | 31,486 | 87,116 | 9,711 | 124,098 | 7,736 | 31,402 | 8,896 | 180,228 | 18,691 | 0 | 499,365 |
| 1998 | 0 | 210,874 | 123,554 | 0 | 82,294 | 2,018 | 13,732 | 11,788 | 143,325 | 24,914 | 0 | 612,498 |
| 1999 | 0 | 97,843 | 73,405 | 3,824 | 170,286 | 12,874 | 43,155 | 8,318 | 217,326 | 82,102 | 4,616 | 713,746 |
| 2000 | 0 | 82,532 | 74,308 | 0 | 168,207 | 3,027 | 45,751 | 2,350 | 212,282 | 65,893 | 0 | 654,351 |
| 2001 | 1,023 | 39,850 | 51,612 | 3,149 | 134,255 | 9,442 | 58,648 | 24,895 | 185,007 | 58,835 | 0 | 566,715 |
| 2002 | 0 | 126,847 | 86,481 | 3,146 | 69,957 | 16,763 | 108,487 | 14,869 | 192,550 | 75,624 | 0 | 694,725 |
| 2003 | 0 | 155,559 | 54,857 | 15,655 | 358,216 | 11,590 | 40,507 | 17,052 | 81,534 | 28,016 | 0 | 762,987 |
| 2004 | 837 | 99,025 | 93,461 | 0 | 229,930 | 27,042 | 143,271 | 10,212 | 176,659 | 1,906 | 0 | 782,343 |
| 2005 | 0 | 71,806 | 42,708 | 12,050 | 136,936 | 867 | 41,344 | 342 | 138,077 | 9,496 | 3,454 | 457,078 |
| 2006 | 0 | 57,817 | 58,295 | 6,899 | 170,637 | 2,873 | 40,722 | 4,816 | 139,744 | 39,259 | 0 | 521,061 |
| 2007 | 0 | 39,168 | 49,191 | 3,414 | 516,439 | 4,777 | 46,597 | 2,437 | 133,939 | 40,244 | 0 | 836,205 |
| 2008 | 0 | 44,416 | 45,805 | 2,200 | 136,541 | 672 | 45,934 | 2,852 | 173,746 | 123,577 | 0 | 575,743 |
| 2009 | 0 | 60,621 | 64,035 | 10,620 | 135,425 | 2,655 | 12,436 | 37,373 | 196,269 | 62,601 | 0 | 582,036 |
| 2010 | 0 | 112,910 | 48,814 | 733 | 101,463 | 1,344 | 16,930 | 10,964 | 186,601 | 51,162 | 0 | 530,922 |
| 2011 | 842 | 38,563 | 36,023 | 4,209 | 357,736 | 1,949 | 26,142 | 10,369 | 101,128 | 27,559 | 0 | 604,520 |
| 2012 | 0 | 38,106 | 31,868 | 8,480 | 290,576 | 968 | 31,660 | 5,124 | 111,858 | 50,999 | 0 | 569,642 |
| 2013 | 1,007 | 59,153 | 84,845 | 2,664 | 500,030 | 0 | 32,565 | 0 | 78,463 | 139,273 | 0 | 897,999 |
| 2014 | 0 | 36,517 | 69,154 | 4,656 | 435,833 | 4,369 | 40,568 | 734 | 187,273 | 43,929 | 0 | 823,032 |
| 2015 | 0 | 93,733 | 60,045 | 26,012 | 435,772 | 46,238 | 24,706 | 735 | 122,697 | 34,252 | 0 | 844,190 |
| 2016 | 0 | 184,313 | 113,351 | 0 | 427,269 | 1,415 | 77,249 | 4,520 | 173,801 | 87,227 | 0 | 1,069,145 |
| 2017 | 0 | 54,593 | 122,058 | 2,827 | 553,776 | 336 | 56,916 | 15,846 | 147,870 | 59,864 | 0 | 1,014,085 |
| 2018 | 0 | 57,015 | 90,367 | 1,474 | 229,697 | 5,545 | 77,679 | 10,646 | 143,381 | 43,895 | 19,634 | 679,333 |
| 2019 | 0 | 43,989 | 101,191 | 9,532 | 134,438 | 1,008 | 20,856 | 14,178 | 117,080 | 72,714 | 0 | 514,987 |
| Averages: | | | | | | | | | | | | |
| Long Term | 122 | 54,062 | 78,227 | 4,905 | 151,074 | 8,965 | 53,006 | 8,305 | 102,360 | 36,157 | 1,608 | 498,790 |
| 3-yr | 0 | 51,866 | 104,539 | 4,611 | 305,970 | 2,296 | 51,817 | 13,557 | 136,110 | 58,824 | 6,545 | 736,135 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -100.0 | -18.9 | 30.0 | 97.2 | -11.2 | -88.9 | -61.0 | 72.6 | 14.6 | 104.3 | -100.0 | 3.3 |
| 3-yr | #DIV/0! | -15.2 | -3.2 | 106.7 | -56.1 | -56.1 | -59.8 | 4.6 | -14.0 | 23.6 | -100.0 | -30.0 |
| 2018 | #DIV/0! | -22.8 | 12.0 | 546.7 | -41.5 | -81.8 | -73.2 | 33.2 | -18.3 | 65.7 | -100.0 | -24.2 |

**Goldeneye species breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 27,538 | 418,422 | 15,996 | 44,794 | 11,811 | 17,952 | 12,357 | 431 | 0 | 0 | 13,477 | 562,778 |
| 1956 | 28,917 | 289,608 | 21,071 | 1,205 | 21,189 | 0 | 13,281 | 460 | 0 | 0 | 39,084 | 414,815 |
| 1957 | 30,149 | 140,340 | 15,495 | 4,211 | 17,681 | 2,201 | 17,452 | 494 | 0 | 0 | 0 | 228,022 |
| 1958 | 39,019 | 472,588 | 9,080 | 149,582 | 9,812 | 47,934 | 28,222 | 529 | 0 | 0 | 41,417 | 798,183 |
| 1959 | 46,539 | 859,109 | 8,734 | 277,725 | 13,271 | 258,169 | 41,321 | 565 | 0 | 0 | 227,069 | 1,732,502 |
| 1960 | 45,906 | 134,874 | 11,372 | 49,139 | 21,435 | 182,409 | 42,165 | 599 | 0 | 0 | 42,758 | 530,657 |
| 1961 | 41,243 | 375,515 | 11,241 | 71,491 | 10,598 | 77,203 | 13,600 | 630 | 0 | 0 | 71,764 | 673,285 |
| 1962 | 69,789 | 360,992 | 7,929 | 91,367 | 7,783 | 50,792 | 13,481 | 657 | 0 | 0 | 190,024 | 792,813 |
| 1963 | 60,891 | 32,242 | 2,440 | 38,799 | 3,892 | 33,581 | 6,288 | 679 | 32 | 0 | 123,965 | 302,809 |
| 1964 | 23,720 | 160,027 | 5,860 | 31,069 | 2,584 | 12,422 | 6,373 | 696 | 0 | 0 | 77,186 | 319,937 |
| 1965 | 44,441 | 204,012 | 1,457 | 35,694 | 8,802 | 32,317 | 11,391 | 0 | 36 | 0 | 5,009 | 343,159 |
| 1966 | 45,769 | 39,876 | 4,880 | 43,631 | 10,501 | 28,430 | 2,102 | 1,309 | 1,239 | 0 | 70,169 | 247,907 |
| 1967 | 122,644 | 64,985 | 0 | 9,290 | 14,327 | 5,812 | 18,376 | 0 | 0 | 0 | 53,399 | 288,833 |
| 1968 | 130,244 | 30,331 | 5,639 | 32,279 | 22,506 | 9,935 | 6,595 | 0 | 0 | 0 | 347,335 | 584,864 |
| 1969 | 94,705 | 36,774 | 8,908 | 75,013 | 8,731 | 77,002 | 7,029 | 637 | 0 | 0 | 102,724 | 411,523 |
| 1970 | 63,266 | 35,666 | 3,622 | 146,310 | 15,492 | 76,801 | 13,972 | 0 | 0 | 0 | 64,988 | 420,117 |
| 1971 | 81,671 | 38,921 | 20,413 | 69,644 | 14,262 | 44,108 | 32,900 | 0 | 0 | 0 | 100,974 | 402,894 |
| 1972 | 92,499 | 75,381 | 15,609 | 50,109 | 4,575 | 49,803 | 5,503 | 8,821 | 1,103 | 1,233 | 153,389 | 458,025 |
| 1973 | 93,251 | 39,309 | 19,651 | 91,437 | 20,632 | 78,818 | 917 | 2,365 | 0 | 0 | 181,339 | 527,719 |
| 1974 | 84,061 | 58,397 | 17,678 | 90,693 | 13,923 | 35,785 | 12,033 | 0 | 0 | 0 | 102,176 | 414,745 |
| 1975 | 96,603 | 37,700 | 15,508 | 51,609 | 16,367 | 39,261 | 33,856 | 0 | 0 | 0 | 102,519 | 393,424 |
| 1976 | 87,770 | 69,487 | 28,286 | 138,775 | 15,943 | 115,674 | 30,559 | 0 | 0 | 0 | 102,832 | 589,326 |
| 1977 | 93,640 | 91,783 | 3,887 | 67,332 | 64,829 | 125,287 | 4,299 | 637 | 0 | 0 | 103,114 | 554,807 |
| 1978 | 68,520 | 119,234 | 33,240 | 60,411 | 14,039 | 60,885 | 42,505 | 0 | 0 | 953 | 103,359 | 503,146 |
| 1979 | 103,980 | 184,326 | 7,557 | 42,661 | 35,657 | 44,846 | 18,506 | 1,091 | 0 | 0 | 103,564 | 542,187 |
| 1980 | 113,376 | 196,535 | 29,566 | 21,735 | 29,381 | 47,687 | 12,636 | 1,592 | 0 | 0 | 103,722 | 556,230 |
| 1981 | 62,323 | 108,170 | 4,640 | 166,766 | 20,143 | 221,927 | 29,015 | 0 | 0 | 0 | 103,828 | 716,811 |
| 1982 | 76,033 | 83,402 | 6,802 | 74,750 | 20,752 | 48,090 | 29,058 | 0 | 0 | 1,233 | 103,877 | 443,997 |
| 1983 | 73,646 | 103,921 | 6,802 | 106,418 | 16,223 | 77,778 | 22,175 | 0 | 2,509 | 2,426 | 103,863 | 515,761 |
| 1984 | 85,552 | 390,565 | 1,727 | 83,896 | 15,204 | 28,343 | 656 | 637 | 1,350 | 761 | 103,782 | 712,473 |
| 1985 | 97,031 | 97,397 | 16,178 | 48,978 | 27,120 | 60,467 | 23,608 | 1,274 | 0 | 761 | 103,633 | 476,447 |
| 1986 | 67,808 | 166,772 | 29,908 | 44,782 | 19,903 | 194,527 | 20,324 | 2,547 | 0 | 761 | 79,663 | 626,995 |
| 1987 | 71,813 | 46,330 | 24,169 | 111,518 | 22,678 | 38,392 | 29,565 | 0 | 1,029 | 0 | 128,929 | 474,423 |
| 1988 | 90,292 | 62,118 | 31,635 | 35,002 | 4,289 | 15,475 | 23,615 | 0 | 0 | 0 | 111,109 | 373,535 |
| 1989 | 63,108 | 105,130 | 16,087 | 14,164 | 20,171 | 31,783 | 16,070 | 1,091 | 0 | 0 | 136,266 | 403,870 |
| 1990 | 47,256 | 81,418 | 19,303 | 30,873 | 5,714 | 32,967 | 33,919 | 637 | 0 | 0 | 77,567 | 329,654 |
| 1991 | 51,750 | 79,173 | 10,588 | 82,628 | 17,991 | 23,455 | 13,345 | 670 | 0 | 3,648 | 36,687 | 319,935 |
| 1992 | 34,169 | 69,295 | 10,077 | 197,437 | 44,362 | 142,178 | 25,160 | 0 | 0 | 0 | 38,831 | 561,508 |
| 1993 | 69,266 | 90,379 | 9,506 | 124,335 | 34,685 | 74,068 | 4,718 | 1,515 | 0 | 0 | 183,825 | 592,296 |
| 1994 | 59,441 | 152,575 | 15,063 | 98,755 | 34,758 | 19,998 | 322 | 0 | 676 | 756 | 104,003 | 486,347 |
| 1995 | 73,979 | 102,050 | 31,397 | 181,943 | 41,859 | 190,001 | 5,221 | 441 | 0 | 760 | 23,454 | 651,105 |
| 1996 | 77,925 | 39,271 | 6,081 | 136,420 | 53,002 | 150,359 | 42,518 | 0 | 0 | 869 | 702,921 | 1,209,365 |
| 1997 | 67,189 | 90,999 | 6,934 | 176,747 | 37,413 | 173,423 | 28,105 | 878 | 0 | 0 | 171,150 | 752,838 |
| 1998 | 77,213 | 102,711 | 44,718 | 142,251 | 66,664 | 143,543 | 37,420 | 749 | 0 | 0 | 108,611 | 723,879 |
| 1999 | 69,244 | 54,072 | 5,759 | 129,082 | 29,493 | 139,063 | 27,438 | 1,401 | 0 | 0 | 226,293 | 681,845 |
| 2000 | 55,738 | 91,246 | 26,529 | 85,140 | 40,509 | 161,007 | 38,645 | 478 | 1,255 | 0 | 393,684 | 894,230 |
| 2001 | 95,654 | 88,665 | 22,588 | 185,190 | 10,151 | 284,335 | 29,283 | 0 | 0 | 0 | 73,197 | 789,063 |
| 2002 | 80,585 | 58,751 | 6,573 | 231,441 | 21,405 | 156,851 | 18,046 | 1,637 | 0 | 0 | 129,909 | 705,198 |
| 2003 | 75,732 | 197,144 | 34,241 | 148,915 | 64,759 | 144,523 | 55,932 | 0 | 0 | 0 | 42,902 | 764,148 |
| 2004 | 92,544 | 66,420 | 26,271 | 97,865 | 16,010 | 172,847 | 20,433 | 512 | 0 | 0 | 74,377 | 567,279 |
| 2005 | 61,139 | 22,147 | 10,586 | 132,890 | 88,472 | 127,213 | 23,144 | 0 | 0 | 0 | 24,659 | 490,250 |
| 2006 | 88,084 | 231,163 | 50,371 | 211,143 | 70,527 | 169,145 | 13,907 | 0 | 0 | 0 | 46,405 | 880,745 |
| 2007 | 38,258 | 191,734 | 28,213 | 129,175 | 60,877 | 285,362 | 32,299 | 0 | 744 | 0 | 33,679 | 800,339 |
| 2008 | 52,622 | 117,663 | 37,636 | 155,400 | 66,185 | 146,839 | 27,858 | 558 | 729 | 0 | 34,604 | 640,093 |
| 2009 | 32,202 | 138,391 | 13,679 | 125,563 | 28,559 | 244,280 | 38,642 | 947 | 727 | 0 | 64,753 | 687,744 |
| 2010 | 40,990 | 231,031 | 58,030 | 67,889 | 60,547 | 182,091 | 11,154 | 0 | 0 | 0 | 41,535 | 693,268 |
| 2011 | 49,702 | 465,088 | 36,574 | 159,138 | 33,472 | 62,894 | 12,169 | 0 | 0 | 0 | 26,947 | 845,983 |
| 2012 | 41,856 | 346,498 | 25,697 | 163,672 | 59,332 | 52,001 | 26,181 | 0 | 685 | 0 | 38,620 | 754,542 |
| 2013 | 42,354 | 385,027 | 42,003 | 74,451 | 44,422 | 125,994 | 42,429 | 0 | 0 | 0 | 0 | 756,680 |
| 2014 | 35,176 | 216,578 | 37,832 | 28,993 | 28,415 | 110,579 | 19,310 | 8,782 | 923 | 0 | 49,345 | 535,933 |
| 2015 | 33,530 | 345,993 | 31,357 | 16,933 | 51,216 | 56,422 | 24,306 | 8,490 | 0 | 0 | 61,796 | 630,043 |
| 2016 | 20,533 | 409,198 | 25,619 | 20,631 | 59,382 | 15,187 | 47,885 | 910 | 935 | 0 | 44,010 | 644,290 |
| 2017 | 35,681 | 276,883 | 62,045 | 4,792 | 49,116 | 4,913 | 59,206 | 0 | 0 | 0 | 76,181 | 568,817 |
| 2018 | 28,803 | 377,761 | 33,374 | 37,460 | 55,765 | 14,062 | 36,746 | 0 | 0 | 0 | 60,923 | 644,894 |
| 2019 | 19,515 | 391,539 | 37,429 | 3,043 | 88,700 | 15,503 | 43,658 | 0 | 0 | 0 | 63,822 | 663,209 |
| Averages: | | | | | | | | | | | | |
| Long Term | 64,091 | 172,940 | 19,525 | 90,038 | 30,158 | 90,662 | 22,788 | 867 | 215 | 218 | 102,415 | 593,916 |
| 3-yr | 28,000 | 348,728 | 44,283 | 15,098 | 64,527 | 11,492 | 46,537 | 0 | 0 | 0 | 66,975 | 625,640 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -69.9 | 131.0 | 94.5 | -96.7 | 203.3 | -83.1 | 94.4 | -100.0 | -100.0 | -100.0 | -38.0 | 11.9 |
| 3-yr | -30.3 | 12.3 | -15.5 | -79.8 | 37.5 | 34.9 | -6.2 | #DIV/0! | #DIV/0! | #DIV/0! | -4.7 | 6.0 |
| 2018 | -32.2 | 3.6 | 12.2 | -91.9 | 59.1 | 10.3 | 18.8 | #DIV/0! | #DIV/0! | #DIV/0! | 4.8 | 2.8 |

**Merganser species breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 1,233 | 151,416 | 0 | 102,312 | 455 | 71,891 | 196 | 789 | 0 | 0 | 94,011 | 422,304 |
| 1956 | 1,226 | 99,215 | 0 | 40,606 | 0 | 13,420 | 0 | 853 | 0 | 0 | 71,613 | 226,934 |
| 1957 | 418 | 87,253 | 0 | 27,197 | 0 | 9,195 | 0 | 911 | 0 | 0 | 68,046 | 193,020 |
| 1958 | 1,363 | 176,943 | 5,940 | 56,600 | 0 | 33,711 | 193 | 963 | 0 | 21 | 165,788 | 441,521 |
| 1959 | 139 | 194,348 | 3,960 | 51,614 | 420 | 27,145 | 0 | 1,006 | 0 | 0 | 53,467 | 332,099 |
| 1960 | 1,115 | 175,828 | 1,188 | 22,093 | 11,361 | 56,942 | 945 | 1,042 | 0 | 0 | 160,728 | 431,242 |
| 1961 | 456 | 148,953 | 396 | 11,806 | 2,596 | 30,375 | 376 | 1,072 | 0 | 0 | 85,324 | 281,354 |
| 1962 | 7,721 | 96,812 | 0 | 29,187 | 0 | 75,296 | 0 | 1,100 | 0 | 0 | 108,886 | 319,002 |
| 1963 | 4,706 | 105,154 | 0 | 54,230 | 9,399 | 80,118 | 0 | 1,130 | 172 | 0 | 109,461 | 364,370 |
| 1964 | 597 | 99,210 | 1,584 | 48,487 | 2,433 | 34,811 | 9,691 | 1,162 | 0 | 0 | 89,056 | 287,031 |
| 1965 | 2,054 | 109,084 | 9,268 | 85,755 | 5,219 | 59,203 | 8,957 | 1,447 | 218 | 0 | 62,807 | 344,012 |
| 1966 | 2,132 | 78,950 | 7,746 | 46,274 | 0 | 40,315 | 4,470 | 0 | 233 | 1,331 | 144,571 | 326,022 |
| 1967 | 7,715 | 58,742 | 1,814 | 94,183 | 0 | 72,086 | 0 | 7,688 | 0 | 0 | 157,957 | 400,185 |
| 1968 | 309 | 19,815 | 1,100 | 71,382 | 989 | 59,421 | 188 | 708 | 0 | 0 | 118,893 | 272,806 |
| 1969 | 959 | 30,213 | 1,691 | 105,611 | 1,443 | 62,123 | 759 | 0 | 2,863 | 0 | 171,414 | 377,076 |
| 1970 | 2,368 | 48,584 | 9,443 | 101,291 | 8,809 | 51,499 | 2,768 | 0 | 0 | 0 | 115,510 | 340,272 |
| 1971 | 1,786 | 17,977 | 4,056 | 68,353 | 1,260 | 39,057 | 595 | 0 | 0 | 0 | 124,964 | 258,049 |
| 1972 | 6,056 | 30,633 | 4,187 | 91,144 | 0 | 38,742 | 5,599 | 708 | 1,432 | 0 | 147,270 | 325,771 |
| 1973 | 3,755 | 32,672 | 2,101 | 74,933 | 2,178 | 56,336 | 7,470 | 827 | 716 | 800 | 104,403 | 286,191 |
| 1974 | 3,355 | 21,125 | 0 | 87,759 | 455 | 51,526 | 16,818 | 3,541 | 716 | 0 | 130,382 | 315,677 |
| 1975 | 5,155 | 33,624 | 16,428 | 107,454 | 7,523 | 176,326 | 15,145 | 1,416 | 0 | 0 | 132,314 | 495,385 |
| 1976 | 2,199 | 85,644 | 0 | 73,943 | 5,323 | 48,100 | 4,764 | 827 | 0 | 0 | 134,304 | 355,104 |
| 1977 | 7,852 | 143,165 | 4,800 | 110,717 | 3,364 | 76,611 | 8,950 | 2,656 | 0 | 0 | 136,342 | 494,457 |
| 1978 | 11,504 | 168,550 | 16,088 | 166,449 | 6,486 | 145,932 | 9,624 | 1,948 | 0 | 0 | 138,421 | 665,003 |
| 1979 | 5,535 | 124,388 | 5,678 | 76,471 | 12,983 | 91,483 | 27,356 | 4,073 | 0 | 2,546 | 140,535 | 491,048 |
| 1980 | 5,230 | 138,964 | 17,961 | 116,416 | 6,849 | 174,909 | 45,568 | 0 | 0 | 800 | 142,680 | 649,377 |
| 1981 | 6,721 | 53,313 | 13,594 | 98,184 | 14,552 | 170,268 | 47,188 | 8,502 | 0 | 0 | 144,855 | 557,177 |
| 1982 | 8,662 | 60,497 | 15,473 | 102,891 | 3,431 | 48,917 | 11,642 | 1,829 | 334 | 7,039 | 147,060 | 407,775 |
| 1983 | 7,228 | 78,522 | 15,322 | 146,681 | 5,941 | 165,986 | 60,491 | 0 | 6,252 | 5,714 | 149,300 | 641,437 |
| 1984 | 20,221 | 116,503 | 4,906 | 141,524 | 17,722 | 134,694 | 21,659 | 1,416 | 2,667 | 6,137 | 151,570 | 619,018 |
| 1985 | 25,064 | 75,508 | 8,875 | 155,887 | 1,855 | 94,180 | 26,003 | 708 | 543 | 0 | 153,850 | 542,473 |
| 1986 | 24,710 | 34,330 | 8,645 | 209,880 | 0 | 52,371 | 11,962 | 2,775 | 0 | 0 | 101,071 | 445,744 |
| 1987 | 21,569 | 69,242 | 10,069 | 164,970 | 6,872 | 131,649 | 14,228 | 1,948 | 543 | 0 | 126,987 | 548,077 |
| 1988 | 24,094 | 62,811 | 21,560 | 157,386 | 5,817 | 83,487 | 11,487 | 1,416 | 0 | 2,095 | 156,605 | 526,758 |
| 1989 | 8,420 | 74,537 | 8,593 | 100,018 | 3,650 | 82,100 | 19,204 | 2,124 | 716 | 3,481 | 138,094 | 440,937 |
| 1990 | 10,141 | 91,708 | 4,982 | 126,105 | 7,945 | 60,573 | 34,190 | 0 | 4,319 | 2,401 | 105,514 | 447,878 |
| 1991 | 14,142 | 44,707 | 15,245 | 186,213 | 6,458 | 143,423 | 11,092 | 4,234 | 3,240 | 4,020 | 111,067 | 543,841 |
| 1992 | 19,222 | 125,943 | 8,721 | 129,633 | 3,820 | 61,847 | 16,056 | 1,266 | 0 | 0 | 180,912 | 547,418 |
| 1993 | 23,047 | 71,091 | 6,295 | 117,061 | 3,548 | 83,699 | 10,407 | 985 | 293 | 2,108 | 209,780 | 528,314 |
| 1994 | 21,038 | 109,992 | 6,943 | 155,000 | 2,282 | 188,701 | 6,199 | 770 | 506 | 3,728 | 305,861 | 801,020 |
| 1995 | 16,648 | 70,811 | 10,436 | 160,749 | 7,544 | 106,213 | 4,408 | 2,576 | 1,435 | 4,948 | 224,592 | 610,362 |
| 1996 | 39,454 | 31,939 | 5,931 | 111,452 | 4,005 | 64,121 | 26,171 | 3,067 | 321 | 475 | 510,790 | 797,726 |
| 1997 | 25,159 | 49,740 | 9,796 | 165,117 | 6,455 | 89,875 | 53,357 | 1,948 | 877 | 7,698 | 442,847 | 852,869 |
| 1998 | 24,670 | 48,519 | 5,416 | 106,581 | 6,773 | 86,410 | 4,652 | 2,975 | 543 | 2,495 | 120,905 | 409,939 |
| 1999 | 15,102 | 96,031 | 8,136 | 155,433 | 2,623 | 49,323 | 38,879 | 11,288 | 716 | 4,002 | 95,057 | 476,592 |
| 2000 | 32,794 | 187,976 | 5,061 | 154,035 | 9,187 | 51,429 | 26,394 | 6,730 | 7,504 | 2,896 | 278,841 | 762,848 |
| 2001 | 27,356 | 109,312 | 8,471 | 127,713 | 21,194 | 67,167 | 16,060 | 4,786 | 669 | 3,700 | 322,505 | 708,932 |
| 2002 | 22,772 | 96,605 | 10,460 | 182,481 | 2,960 | 131,026 | 10,979 | 8,628 | 0 | 2,404 | 579,997 | 1,048,311 |
| 2003 | 20,416 | 116,609 | 2,560 | 148,484 | 2,427 | 61,780 | 6,618 | 2,983 | 0 | 506 | 666,574 | 1,028,957 |
| 2004 | 22,012 | 46,745 | 4,211 | 221,728 | 3,078 | 224,573 | 6,064 | 1,340 | 325 | 1,365 | 551,138 | 1,082,580 |
| 2005 | 36,247 | 36,445 | 1,927 | 111,583 | 4,141 | 80,514 | 9,548 | 1,850 | 897 | 0 | 354,051 | 637,203 |
| 2006 | 27,033 | 66,657 | 1,627 | 100,745 | 3,129 | 76,854 | 17,994 | 1,512 | 0 | 873 | 264,499 | 560,923 |
| 2007 | 36,686 | 91,875 | 2,888 | 97,516 | 5,285 | 67,387 | 14,251 | 255 | 0 | 0 | 314,541 | 630,683 |
| 2008 | 27,235 | 94,530 | 7,723 | 77,465 | 3,590 | 85,041 | 56,632 | 1,083 | 917 | 0 | 438,910 | 793,127 |
| 2009 | 24,499 | 109,337 | 16,411 | 124,827 | 9,075 | 117,680 | 10,982 | 4,353 | 621 | 0 | 285,875 | 703,661 |
| 2010 | 30,975 | 130,363 | 21,095 | 115,660 | 5,586 | 70,088 | 22,109 | 1,024 | 3,063 | 0 | 288,814 | 688,776 |
| 2011 | 29,520 | 122,272 | 7,527 | 84,093 | 5,974 | 155,407 | 12,401 | 2,750 | 981 | 3,982 | 313,712 | 738,619 |
| 2012 | 33,602 | 78,057 | 23,287 | 58,110 | 2,147 | 105,615 | 10,722 | 5,491 | 941 | 1,738 | 307,040 | 626,749 |
| 2013 | 18,322 | 114,678 | 7,201 | 109,199 | 8,853 | 114,182 | 10,195 | 1,582 | 4,817 | 3,038 | 0 | 392,065 |
| 2014 | 29,803 | 124,487 | 2,661 | 113,232 | 12,161 | 37,305 | 25,232 | 9,312 | 6,829 | 3,457 | 307,684 | 672,165 |
| 2015 | 32,494 | 134,966 | 20,650 | 182,787 | 6,743 | 244,406 | 15,178 | 0 | 1,469 | 1,236 | 236,885 | 876,815 |
| 2016 | 27,156 | 115,186 | 14,851 | 180,856 | 9,907 | 280,690 | 10,602 | 2,248 | 3,328 | 437 | 266,439 | 911,701 |
| 2017 | 44,457 | 52,183 | 15,762 | 271,513 | 16,463 | 261,894 | 4,817 | 1,675 | 1,425 | 398 | 328,651 | 999,239 |
| 2018 | 37,441 | 59,680 | 3,082 | 164,993 | 5,629 | 194,681 | 13,977 | 2,732 | 2,583 | 1,076 | 390,700 | 876,574 |
| 2019 | 27,392 | 81,348 | 5,776 | 182,927 | 10,454 | 209,663 | 8,444 | 13,948 | 2,535 | 7,134 | 113,107 | 662,728 |
| Averages: | | | | | | | | | | | | |
| Long Term | 15,853 | 89,420 | 7,501 | 114,200 | 5,366 | 95,566 | 13,983 | 2,461 | 1,055 | 1,478 | 204,551 | 551,436 |
| 3-yr | 36,430 | 64,404 | 8,206 | 206,478 | 10,849 | 222,079 | 9,079 | 6,118 | 2,181 | 2,869 | 277,486 | 846,180 |
| % Change from: | | | | | | | | | | | | |
| Long Term | 74.8 | -9.2 | -23.3 | 61.7 | 97.7 | 123.6 | -40.0 | 511.3 | 145.7 | 413.3 | -45.1 | 20.6 |
| 3-yr | -24.8 | 26.3 | -29.6 | -11.4 | -3.6 | -5.6 | -7.0 | 128.0 | 16.2 | 148.6 | -59.2 | -21.7 |
| 2018 | -26.8 | 36.3 | 87.4 | 10.9 | 85.7 | 7.7 | -39.6 | 410.5 | -1.8 | 563.2 | -71.1 | -24.4 |

**American Coot breeding population index corrected for visability bias by survey area (strata 1–18, 20–50 and 75–77) from the Waterfowl Breeding Population and Habitat Survey, 1955–current.**

| Year | AK, YT (1–12) | N. AB, BC, NT (13–18, 20, 75–77) | S. AB (26–29) | N. SK (21–23) | S. SK (30–35) | N. MB (24–25) | S. MB (36–40) | MT (41–42) | ND (43, 45–47) | SD (44, 48–49) | W. ON (50) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | 85 | 30,748 | 141,262 | 0 | 360,714 | 0 | 18,772 | 39,862 | 41,147 | 21,783 | 0 | 654,372 |
| 1956 | 238 | 5,473 | 108,038 | 0 | 604,698 | 0 | 45,684 | 39,080 | 44,395 | 21,609 | 0 | 869,216 |
| 1957 | 5 | 0 | 56,605 | 0 | 438,843 | 0 | 27,830 | 38,541 | 47,919 | 22,724 | 0 | 632,467 |
| 1958 | 0 | 0 | 98,069 | 0 | 127,546 | 0 | 76,960 | 38,206 | 59,014 | 24,941 | 0 | 424,735 |
| 1959 | 0 | 156,775 | 169,760 | 22,465 | 145,323 | 115,835 | 170,796 | 38,030 | 94,402 | 31,128 | 0 | 944,514 |
| 1960 | 0 | 3,884 | 120,075 | 7,855 | 111,952 | 33,997 | 87,532 | 37,985 | 81,985 | 40,387 | 0 | 525,652 |
| 1961 | 5 | 62,589 | 92,872 | 0 | 70,527 | 114,327 | 125,400 | 38,024 | 51,084 | 29,340 | 0 | 584,168 |
| 1962 | 0 | 23,713 | 19,746 | 5,498 | 78,951 | 19,192 | 32,780 | 38,259 | 103,958 | 60,958 | 0 | 383,055 |
| 1963 | 6,353 | 22,846 | 82,177 | 17,280 | 27,371 | 68,816 | 43,635 | 38,880 | 47,427 | 21,014 | 0 | 375,799 |
| 1964 | 6 | 18,799 | 39,957 | 6,265 | 50,484 | 79,782 | 37,394 | 39,997 | 14,200 | 53,396 | 0 | 340,280 |
| 1965 | 6 | 5,654 | 65,136 | 15,539 | 63,564 | 74,847 | 46,199 | 13,949 | 93,789 | 19,307 | 0 | 397,989 |
| 1966 | 6 | 35,540 | 48,130 | 8,240 | 83,356 | 42,222 | 20,318 | 19,440 | 150,515 | 33,777 | 0 | 441,544 |
| 1967 | 6 | 6,608 | 202,542 | 29,331 | 178,983 | 76,218 | 74,096 | 23,406 | 203,316 | 27,961 | 0 | 822,466 |
| 1968 | 6 | 82,071 | 98,780 | 132,574 | 214,325 | 448,558 | 46,404 | 58,112 | 127,526 | 75,652 | 0 | 1,284,008 |
| 1969 | 6 | 13,549 | 144,825 | 15,536 | 203,789 | 23,651 | 120,689 | 30,955 | 131,266 | 91,127 | 0 | 775,394 |
| 1970 | 7 | 9,611 | 169,841 | 19,970 | 450,341 | 42,962 | 169,108 | 22,279 | 192,302 | 91,771 | 0 | 1,168,192 |
| 1971 | 7 | 20,484 | 99,723 | 13,032 | 481,517 | 31,396 | 120,880 | 9,576 | 147,652 | 34,973 | 905 | 960,145 |
| 1972 | 7 | 32,012 | 122,608 | 7,213 | 284,899 | 19,572 | 159,683 | 17,541 | 178,836 | 110,937 | 0 | 933,308 |
| 1973 | 7 | 167,405 | 145,425 | 33,025 | 465,919 | 66,533 | 69,406 | 37,952 | 124,724 | 126,109 | 0 | 1,236,505 |
| 1974 | 7 | 30,827 | 266,979 | 4,585 | 544,311 | 15,269 | 230,322 | 22,196 | 368,921 | 27,821 | 1,943 | 1,513,180 |
| 1975 | 7 | 36,637 | 483,329 | 12,610 | 799,782 | 37,986 | 282,924 | 13,776 | 512,939 | 75,667 | 2,262 | 2,257,919 |
| 1976 | 7 | 27,056 | 83,519 | 32,801 | 1,512,966 | 32,432 | 470,430 | 59,458 | 104,227 | 66,604 | 2,579 | 2,392,079 |
| 1977 | 7 | 428,722 | 285,358 | 192,611 | 269,357 | 123,309 | 179,959 | 16,392 | 74,819 | 91,398 | 2,896 | 1,664,828 |
| 1978 | 7 | 65,559 | 168,357 | 48,248 | 317,848 | 24,392 | 111,315 | 83,083 | 389,599 | 232,503 | 3,213 | 1,444,124 |
| 1979 | 7 | 7,730 | 417,979 | 3,439 | 787,159 | 22,605 | 182,855 | 319,446 | 1,358,125 | 356,097 | 3,526 | 3,458,968 |
| 1980 | 7 | 415,657 | 501,055 | 292,094 | 634,230 | 201,320 | 330,575 | 104,220 | 395,967 | 77,091 | 3,830 | 2,956,046 |
| 1981 | 7 | 198,729 | 405,024 | 414,742 | 395,073 | 358,149 | 157,473 | 197,667 | 374,657 | 176,800 | 4,119 | 2,682,441 |
| 1982 | 7 | 68,725 | 371,736 | 25,849 | 175,368 | 93,241 | 111,878 | 53,327 | 561,294 | 202,707 | 4,386 | 1,668,518 |
| 1983 | 7 | 138,412 | 253,247 | 18,773 | 546,681 | 16,921 | 123,936 | 42,885 | 411,000 | 263,525 | 4,621 | 1,820,007 |
| 1984 | 94 | 91,666 | 542,666 | 88,836 | 507,406 | 23,213 | 38,308 | 103,474 | 898,926 | 603,719 | 4,811 | 2,903,119 |
| 1985 | 0 | 69,291 | 327,286 | 16,066 | 530,572 | 49,020 | 33,778 | 145,150 | 309,729 | 196,547 | 4,946 | 1,682,385 |
| 1986 | 0 | 34,233 | 282,225 | 7,881 | 315,049 | 14,492 | 212,457 | 32,078 | 313,196 | 487,546 | 0 | 1,699,157 |
| 1987 | 0 | 83,629 | 137,883 | 157,696 | 241,678 | 97,448 | 77,065 | 27,238 | 530,327 | 427,336 | 0 | 1,780,300 |
| 1988 | 0 | 232,749 | 166,147 | 100,139 | 930,687 | 240,716 | 591,810 | 95,515 | 429,080 | 436,363 | 0 | 3,223,206 |
| 1989 | 0 | 158,090 | 349,532 | 119,530 | 276,168 | 80,035 | 60,145 | 65,866 | 246,784 | 284,727 | 0 | 1,640,877 |
| 1990 | 0 | 197,152 | 485,709 | 23,665 | 261,462 | 38,073 | 151,795 | 153,414 | 161,725 | 191,467 | 0 | 1,664,462 |
| 1991 | 0 | 92,552 | 279,675 | 8,772 | 366,579 | 134,823 | 81,071 | 52,948 | 58,127 | 77,412 | 0 | 1,151,959 |
| 1992 | 0 | 114,937 | 307,393 | 14,993 | 442,607 | 52,576 | 215,542 | 15,337 | 84,060 | 132,791 | 0 | 1,380,235 |
| 1993 | 0 | 92,495 | 282,101 | 20,506 | 111,818 | 146,505 | 32,198 | 58,300 | 113,905 | 167,235 | 0 | 1,025,062 |
| 1994 | 0 | 50,381 | 234,680 | 23,451 | 383,314 | 8,801 | 35,778 | 56,845 | 607,988 | 310,988 | 0 | 1,712,227 |
| 1995 | 0 | 37,511 | 232,937 | 9,178 | 625,223 | 12,646 | 195,400 | 33,236 | 1,675,859 | 616,886 | 0 | 3,438,877 |
| 1996 | 0 | 41,342 | 234,396 | 11,750 | 868,111 | 3,734 | 281,166 | 38,798 | 1,241,902 | 409,910 | 0 | 3,131,109 |
| 1997 | 0 | 253,835 | 377,464 | 9,752 | 1,661,101 | 9,409 | 282,918 | 80,096 | 1,715,341 | 525,686 | 0 | 4,915,601 |
| 1998 | 0 | 467,038 | 260,003 | 26,584 | 594,337 | 33,716 | 506,699 | 12,778 | 767,945 | 468,980 | 0 | 3,138,079 |
| 1999 | 0 | 159,571 | 342,322 | 38,032 | 823,675 | 19,864 | 162,542 | 174,701 | 889,876 | 458,569 | 0 | 3,069,152 |
| 2000 | 0 | 615,563 | 418,760 | 79,295 | 848,496 | 129,964 | 284,810 | 69,091 | 912,574 | 300,905 | 0 | 3,659,459 |
| 2001 | 0 | 87,215 | 207,397 | 41,472 | 679,246 | 32,269 | 315,350 | 21,588 | 319,644 | 141,672 | 0 | 1,845,852 |
| 2002 | 0 | 584,907 | 376,090 | 91,236 | 306,829 | 203,347 | 246,718 | 36,341 | 437,898 | 235,084 | 0 | 2,518,449 |
| 2003 | 0 | 101,998 | 222,264 | 4,550 | 633,882 | 7,843 | 107,401 | 17,697 | 77,862 | 21,988 | 0 | 1,195,485 |
| 2004 | 0 | 294,932 | 240,183 | 74,401 | 536,335 | 31,025 | 83,747 | 43,403 | 525,804 | 32,210 | 0 | 1,862,040 |
| 2005 | 0 | 220,265 | 240,935 | 13,092 | 806,864 | 12,417 | 175,411 | 5,143 | 84,357 | 32,551 | 0 | 1,591,035 |
| 2006 | 0 | 195,126 | 418,974 | 10,691 | 1,188,247 | 7,931 | 103,699 | 11,877 | 103,799 | 60,546 | 1,372 | 2,102,263 |
| 2007 | 468 | 87,724 | 444,380 | 19,766 | 1,406,277 | 6,066 | 81,656 | 60,445 | 171,516 | 312,872 | 0 | 2,591,169 |
| 2008 | 0 | 281,459 | 667,924 | 29,080 | 1,640,884 | 14,458 | 129,965 | 136,639 | 308,040 | 417,504 | 0 | 3,625,954 |
| 2009 | 0 | 62,253 | 321,137 | 35,011 | 601,935 | 7,195 | 253,161 | 93,030 | 657,777 | 227,887 | 0 | 2,259,385 |
| 2010 | 0 | 129,577 | 333,652 | 2,326 | 590,896 | 2,851 | 46,784 | 43,313 | 675,446 | 584,335 | 0 | 2,409,179 |
| 2011 | 0 | 49,405 | 488,029 | 0 | 1,336,121 | 9,113 | 226,997 | 40,020 | 678,373 | 796,338 | 0 | 3,624,396 |
| 2012 | 0 | 88,659 | 498,022 | 3,184 | 2,333,385 | 768 | 110,731 | 15,364 | 1,129,963 | 520,246 | 0 | 4,700,325 |
| 2013 | 0 | 41,866 | 521,606 | 581 | 1,106,576 | 1,572 | 141,258 | 10,961 | 514,239 | 480,707 | 0 | 2,819,367 |
| 2014 | 0 | 45,556 | 775,060 | 2,907 | 1,505,727 | 0 | 208,362 | 58,843 | 929,115 | 478,590 | 0 | 4,004,160 |
| 2015 | 0 | 134,372 | 420,134 | 3,488 | 1,792,217 | 9,379 | 256,800 | 77,575 | 173,931 | 196,528 | 0 | 3,064,423 |
| 2016 | 0 | 142,341 | 376,842 | 1,163 | 1,482,890 | 4,768 | 204,577 | 58,460 | 305,927 | 241,834 | 0 | 2,818,801 |
| 2017 | 0 | 43,184 | 547,897 | 1,163 | 929,750 | 266 | 161,970 | 4,496 | 287,280 | 170,925 | 0 | 2,146,931 |
| 2018 | 0 | 58,946 | 295,120 | 1,169 | 356,532 | 2,132 | 149,497 | 239,821 | 280,390 | 219,372 | 0 | 1,602,978 |
| 2019 | 0 | 45,703 | 543,264 | 19,768 | 142,118 | 533 | 15,170 | 88,624 | 320,794 | 468,932 | 0 | 1,644,905 |
| Averages: | | | | | | | | | | | | |
| Long Term | 114 | 116,974 | 284,035 | 38,319 | 609,090 | 55,885 | 152,892 | 58,631 | 391,177 | 219,174 | 699 | 1,926,989 |
| 3-yr | 0 | 49,277 | 462,094 | 7,366 | 476,133 | 977 | 108,879 | 110,981 | 296,154 | 286,410 | 0 | 1,798,271 |
| % Change from: | | | | | | | | | | | | |
| Long Term | -100.0 | -61.3 | 94.0 | -48.8 | -76.9 | -99.1 | -90.2 | 52.4 | -18.2 | 117.8 | -100.0 | -14.8 |
| 3-yr | #DIV/0! | -7.3 | 17.6 | 168.3 | -70.2 | -45.5 | -86.1 | -20.1 | 8.3 | 63.7 | #DIV/0! | -8.5 |
| 2018 | #DIV/0! | -22.5 | 84.1 | 1,591.4 | -60.1 | -75.0 | -89.9 | -63.0 | 14.4 | 113.8 | #DIV/0! | 2.6 |

**Duck breeding population index for California from the State waterfowl breeding population survey, 1990–current.**

| Year | Mallard | Gadwall | Wigeon | GW Teal | BW Teal | Cin Teal | Shoveler | Pintail | Dabblers | Redhead | Canvasback | Scaup | Ringneck | Goldeneye | Bufflehead | Ruddy | Divers | Wood Duck | Mergansers | Ducks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1990 | 615,025 | 32,210 | 2,260 | 7,714 | | 32,108 | 12,926 | 8,328 | 710,571 | 15,066 | 459 | 272 | 7,010 | 0 | 1,521 | 778 | 25,106 | 10,796 | 0 | 746,473 |
| 1991 | 380,834 | 24,168 | 3,348 | 1,637 | | 70,173 | 3,231 | 95,364 | 578,755 | 7,999 | 815 | 18,837 | 2,252 | 1,180 | 290 | 18,108 | 49,481 | 14,500 | 0 | 642,736 |
| 1992 | 384,579 | 38,249 | 1,031 | 2,855 | | 63,165 | 7,876 | 5,037 | 502,792 | 3,153 | 0 | 7,523 | 487 | 0 | 0 | 8,465 | 19,628 | 4,533 | 2,612 | 529,565 |
| 1993 | 384,280 | 77,939 | 3,929 | 6,097 | | 74,554 | 55,866 | 8,694 | 611,359 | 11,047 | 259 | 4,081 | 536 | 0 | 1,126 | 6,197 | 23,246 | 2,411 | 0 | 637,016 |
| 1994 | 321,097 | 59,452 | 1,453 | 6,636 | | 31,725 | 25,857 | 8,464 | 454,684 | 2,541 | 859 | 957 | 111 | 0 | 3,628 | 497 | 8,593 | 9,346 | 166 | 472,789 |
| 1995 | 368,526 | 94,421 | 3,221 | 0 | | 51,330 | 15,650 | 20,873 | 554,021 | 5,250 | 1,022 | 6,349 | 67 | 0 | 2,598 | 11,970 | 27,256 | 8,433 | 0 | 589,710 |
| 1996 | 536,709 | 92,024 | 6,995 | 639 | | 18,140 | 61,514 | 9,571 | 725,592 | 2,625 | 518 | 22,547 | 407 | 2,292 | 2,761 | 12,007 | 43,157 | 4,216 | 327 | 773,292 |
| 1997 | 511,344 | 93,441 | 4,476 | 21,536 | | 46,336 | 101,558 | 23,585 | 802,276 | 808 | 790 | 1,553 | 0 | 307 | 325 | 8,610 | 12,393 | 0 | 327 | 814,996 |
| 1998 | 353,901 | 69,936 | 22,322 | 14,646 | | 39,443 | 100,679 | 6,213 | 607,140 | 4,038 | 198 | 15,047 | 418 | 0 | 2,648 | 74,529 | 96,878 | 2,763 | 0 | 706,781 |
| 1999 | 560,063 | 92,434 | 30,124 | 16,786 | | 39,725 | 22,183 | 13,207 | 774,522 | 1,211 | 472 | 6,313 | 0 | 0 | 2,273 | 53,142 | 63,411 | 16,323 | 0 | 854,256 |
| 2000 | 347,559 | 103,989 | 4,220 | 1,802 | | 24,689 | 55,728 | 6,163 | 544,150 | 1,615 | 1,226 | 3,077 | 0 | 0 | 1,299 | 8,454 | 15,671 | 3,414 | 0 | 563,235 |
| 2001 | 302,204 | 68,560 | 3,952 | 4 | | 26,592 | 6,393 | 1,057 | 408,762 | 0 | 0 | 3,025 | 0 | 0 | 0 | 1,749 | 4,774 | 0 | 0 | 413,536 |
| 2002 | 265,295 | 59,345 | 350 | 230 | | 14,008 | 22,920 | 2,417 | 364,565 | 1,211 | 3,139 | 5,863 | 0 | 0 | 3,348 | 2,010 | 15,571 | 0 | 0 | 380,136 |
| 2003 | 337,056 | 78,037 | 3,738 | 0 | | 29,382 | 25,277 | 4,296 | 477,786 | 11,207 | 3,708 | 7,320 | 125 | 0 | 2,631 | 23,497 | 48,488 | 0 | 1,373 | 527,647 |
| 2004 | 262,727 | 75,773 | 1,021 | 0 | | 35,461 | 7,903 | 5,440 | 388,325 | 1,226 | 0 | 1,324 | 0 | 0 | 1,949 | 13,936 | 18,435 | 7,041 | 0 | 413,801 |
| 2005 | 317,869 | 179,356 | 450 | 283 | | 37,984 | 28,096 | 6,412 | 570,450 | 1,083 | 126 | 9,604 | 0 | 1,997 | 3,637 | 7,578 | 24,025 | 23,766 | 0 | 618,241 |
| 2006 | 399,436 | 122,326 | 1,969 | 80 | | 57,570 | 24,427 | 7,266 | 613,074 | 4,034 | 1,569 | 2,461 | 0 | 0 | 3,449 | 5,568 | 17,081 | 19,220 | 0 | 649,375 |
| 2007 | 388,324 | 137,686 | 2,771 | 2,833 | | 40,050 | 22,884 | 3,610 | 598,158 | 7,803 | 785 | 711 | 2,400 | 0 | 1,025 | 6,164 | 18,888 | 10,561 | 0 | 627,607 |
| 2008 | 297,129 | 69,000 | 2,562 | 602 | | 43,105 | 64,335 | 2,604 | 479,337 | 4,029 | 392 | 9,574 | 1,941 | 921 | 16,278 | 28,245 | 61,380 | 13,577 | 0 | 554,294 |
| 2009 | 301,960 | 109,502 | 2,209 | 224 | | 50,872 | 26,694 | 1,029 | 492,490 | 3,190 | 403 | 1,710 | 987 | 614 | 1,239 | 2,198 | 10,341 | 7,949 | 704 | 511,484 |
| 2010 | 367,891 | 82,763 | 1,428 | 1,465 | | 48,478 | 20,671 | 2,874 | 525,570 | 2,368 | 785 | 5,050 | 813 | 0 | 1,401 | 1,879 | 12,296 | 3,442 | 654 | 541,962 |
| 2011 | 314,715 | 118,479 | 1,544 | 977 | | 63,704 | 23,027 | 4,198 | 526,644 | 4,164 | 569 | 4,207 | 1,644 | 921 | 5,618 | 4,436 | 21,559 | 10,390 | 5,232 | 563,825 |
| 2012 | 381,922 | 51,936 | 4,476 | 2,112 | 0 | 26,600 | 29,176 | 4,906 | 501,128 | 1,697 | 392 | 684 | 0 | 0 | 3,650 | 12,777 | 19,200 | 4,198 | 0 | 524,526 |
| 2013 | 298,636 | 74,410 | 3,429 | 1,592 | 0 | 22,560 | 23,142 | 2,193 | 425,962 | 654 | 1,237 | 2,717 | 571 | 307 | 2,879 | 14,116 | 22,481 | 2,832 | 0 | 451,275 |
| 2014 | 238,666 | 93,259 | 3,755 | 6,386 | 0 | 30,870 | 32,198 | 963 | 406,097 | 4,093 | 4,356 | 1,618 | 976 | 323 | 2,149 | 20,565 | 34,080 | 8,573 | 1,577 | 450,327 |
| 2015 | 173,865 | 58,290 | 1,893 | 2,143 | | 28,534 | 12,834 | 772 | 278,331 | 1,316 | 277 | 1,295 | 2,054 | 0 | 2,166 | 21,718 | 28,826 | 8,421 | 181 | 315,759 |
| 2016 | 263,774 | 58,380 | 1,867 | 2,863 | 0 | 30,221 | 10,821 | 10,372 | 378,298 | 4,089 | 3,474 | 494 | 1,077 | 0 | 1,598 | 21,432 | 32,165 | 6,900 | 428 | 417,791 |
| 2017 | 198,392 | 71,765 | 2,866 | 1,845 | 0 | 33,975 | 14,964 | 23,162 | 346,969 | 12,616 | 1,135 | 5,506 | 4,933 | 0 | 3,709 | 18,081 | 45,980 | 2,007 | 1,574 | 396,530 |
| 2018 | 272,859 | 102,637 | 2,309 | 3,358 | 0 | 78,498 | 24,330 | 8,478 | 492,469 | 13,263 | 1,292 | 1,001 | 3,134 | 0 | 9,168 | 13,102 | 40,961 | 15,391 | 359 | 549,180 |
| 2019 | 239,831 | 111,321 | 2,220 | 6,159 | 511 | 50,415 | 23,049 | 6,523 | 440,029 | 5,051 | 0 | 356 | 4,102 | 711 | 2,672 | 6,385 | 19,277 | 10,462 | 1,193 | 470,961 |
| Averages: | | | | | | | | | | | | | | | | | | | | |
| Long Term | 346,216 | 83,370 | 4,273 | 3,783 | 73 | 41,342 | 30,207 | 10,136 | 519,344 | 4,615 | 1,009 | 5,036 | 1,202 | 319 | 2,901 | 14,273 | 29,354 | 7,715 | 557 | 556,970 |
| 3-yr | 237,027 | 95,241 | 2,465 | 3,787 | 170 | 54,296 | 20,781 | 12,721 | 426,489 | 10,310 | 809 | 2,288 | 4,056 | 237 | 5,183 | 12,523 | 35,406 | 9,287 | 1,042 | 472,224 |
| % Change from: | | | | | | | | | | | | | | | | | | | | |
| Long Term | -31.5 | 35.1 | -48.9 | 66.4 | #DIV/0! | 22.9 | -24.3 | -36.4 | -15.7 | 9.8 | -100.0 | -93.2 | 272.4 | 132.7 | -8.1 | -56.1 | -35.1 | 37.3 | 123.0 | -15.9 |
| 3-yr | 1.2 | 16.9 | -9.9 | 62.6 | 200.0 | -7.1 | 10.9 | -48.7 | 3.2 | -51.0 | -100.0 | -84.4 | 1.1 | 200.0 | -48.4 | -49.0 | -45.6 | 12.7 | 14.5 | -0.3 |
| 2018 | -12.1 | 8.5 | -3.8 | 83.4 | #DIV/0! | -35.8 | -5.3 | -23.1 | -10.6 | -61.9 | -100.0 | -64.4 | 30.9 | #DIV/0! | -70.9 | -51.3 | -52.9 | -32.0 | 232.5 | -14.2 |

**Duck breeding population index for Nevada[a] from the State waterfowl breeding population survey, 1990–current.**

| Year | Mallard | Gadwall | Wigeon | GW Teal | BW Teal | Cin Teal | Shoveler | Pintail | Dabblers | Redhead | Canvasback | Scaup | Ringneck | Goldeneye | Bufflehead | Ruddy | Divers | Wood Duck | Mergansers | Ducks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1990 | 1,928 | 5,760 | | | | 6,215 | 388 | 706 | 14,997 | 9,564 | 267 | | | | | 5,411 | 15,242 | | | 30,239 |
| 1991 | 1,303 | 4,245 | | | | 4,741 | 487 | 321 | 11,097 | 5,115 | 94 | | | | | 3,754 | 8,963 | | | 20,060 |
| 1992 | 2,113 | 5,031 | | | | 3,795 | 318 | 617 | 11,874 | 4,029 | 128 | | | | | 4,461 | 8,618 | | | 20,492 |
| 1993 | 1,009 | 2,372 | | | | 1,964 | 195 | 855 | 6,395 | 4,070 | 68 | | | | | 944 | 5,082 | | | 11,477 |
| 1994 | 2,246 | 6,380 | | | | 3,890 | 271 | 805 | 13,592 | 6,972 | 527 | | | | | 1,547 | 9,046 | | | 22,638 |
| 1995 | 1,377 | 5,297 | | | | 3,501 | 384 | 620 | 11,179 | 6,673 | 363 | | | | | 2,586 | 9,622 | | | 20,801 |
| 1996 | 2,255 | 6,932 | | | | 6,532 | 525 | 1,176 | 17,420 | 10,798 | 426 | | | | | 2,262 | 13,486 | | | 30,906 |
| 1997 | 3,554 | 7,856 | | | | 4,950 | 602 | 841 | 17,803 | 9,191 | 559 | | | | | 2,196 | 11,946 | | | 29,749 |
| 1998 | 2,497 | 6,470 | | | | 5,219 | 476 | 1,058 | 15,720 | 9,326 | 752 | | | | | 4,748 | 14,826 | | | 30,546 |
| 1999 | 2,506 | 8,237 | | | | 6,170 | 1,839 | 1,265 | 20,017 | 7,587 | 1,302 | | | | | 2,422 | 11,311 | | | 31,328 |
| 2000 | No Survey | | | | | | | | | | | | | | | | | | | |
| 2001 | 2,883 | 8,031 | | | | 4,733 | 476 | 746 | 16,869 | 9,301 | 363 | | | | | 4,584 | 14,248 | | | 31,117 |
| 2002 | 1,104 | 3,828 | | | | 2,295 | 232 | 225 | 7,684 | 4,441 | 182 | | | | | 1,990 | 6,613 | | | 14,297 |
| 2003 | 2,126 | 6,824 | | | | 4,018 | 358 | 540 | 13,866 | 7,039 | 427 | | | | | 3,239 | 10,705 | | | 24,571 |
| 2004 | 2,660 | 7,755 | | | | 4,195 | 584 | 687 | 15,881 | 7,224 | 326 | | | | | 3,887 | 11,437 | | | 27,318 |
| 2005 | 994 | 2,442 | | | | 2,258 | 207 | 220 | 6,121 | 3,397 | 337 | | | | | 1,349 | 5,083 | | | 11,204 |
| 2006 | 1,784 | 4,183 | | | | 16,682 | 449 | 413 | 23,511 | 5,387 | 727 | | | | | 7,743 | 13,857 | 0 | 0 | 37,368 |
| 2007 | 2,080 | 3,234 | 0 | 0 | | 3,868 | 135 | 146 | 9,463 | 0 | 0 | 0 | 0 | 0 | 0 | 1,985 | 1,985 | 0 | 0 | 11,448 |
| 2008 | 1,924 | 928 | 0 | 0 | | 3,051 | 105 | 121 | 6,129 | 2,139 | 297 | 0 | 0 | 0 | 0 | 2,957 | 5,393 | 0 | 0 | 11,522 |
| 2009 | 12,665 | 25,831 | 2,266 | 952 | | 32,061 | 1,455 | 2,471 | 77,701 | 5,695 | 3,141 | 3,704 | 1,498 | | 104 | 11,351 | 25,493 | 604 | 1,682 | 105,480 |
| 2010 | 8,878 | 7,183 | 0 | 0 | 0 | 9,307 | 388 | 413 | 26,169 | 14,344 | 11,188 | 2,374 | 171 | 119 | 1,832 | 11,754 | 41,782 | 144 | 564 | 68,659 |
| 2011 | 2,328 | 4,403 | 91 | 159 | 0 | 513 | 343 | 121 | 7,958 | 1,053 | 1,700 | 266 | 38 | 0 | 0 | 569 | 3,626 | 19 | 115 | 11,718 |
| 2012 | 4,087 | 8,014 | 209 | 16 | 0 | 2,551 | 2,977 | 466 | 18,320 | 1,825 | 193 | 478 | 60 | 0 | 0 | 2,541 | 5,097 | 170 | 337 | 23,924 |
| 2013 | 8,838 | 11,579 | 157 | 0 | 0 | 2,460 | 586 | 712 | 24,332 | 3,055 | 3,722 | 2,677 | 59 | 31 | 66 | 4,985 | 14,595 | 230 | 978 | 40,135 |
| 2014 | 4,155 | 6,836 | 0 | 0 | 0 | 2,576 | 20 | 88 | 13,675 | 2,726 | 1,869 | 2,110 | 0 | 0 | 0 | 2,666 | 9,371 | 93 | 564 | 23,703 |
| 2015 | 5,507 | 6,646 | 15 | 0 | 0 | 4,999 | 207 | 346 | 17,720 | 1,450 | 723 | 2,298 | 479 | 22 | 50 | 5,137 | 10,159 | 117 | 459 | 28,455 |
| 2016 | 14,372 | 6,374 | 13 | 32 | 0 | 4,160 | 867 | 1,102 | 26,921 | 5,057 | 614 | 4,350 | 108 | 0 | 238 | 4,245 | 14,612 | 28 | 468 | 42,030 |
| 2017 | 6,350 | 24,455 | 68 | 19 | 0 | 2,688 | 1,578 | 1,241 | 36,399 | 4,129 | 965 | 6,498 | 128 | 0 | 76 | 9,659 | 21,455 | 28 | 712 | 58,594 |
| 2018 | 13,869 | 36,312 | 292 | 38 | 0 | 19,199 | 2,766 | 1,699 | 74,175 | 4,848 | 926 | 3,910 | 45 | 0 | 139 | 4,970 | 14,838 | 454 | 1,443 | 90,910 |
| 2019 | 9,957 | 15,694 | 92 | | | 27,362 | 3,786 | 915 | 57,807 | 7,674 | 1,146 | 6,149 | 5,454 | 325 | 556 | 39,327 | 60,630 | 166 | 1,049 | 119,653 |
| Averages: | | | | | | | | | | | | | | | | | | | | |
| Long Term | 4,391 | 8,591 | 246 | 101 | 0 | 6,757 | 793 | 722 | 21,407 | 5,659 | 1,149 | 2,678 | 619 | 41 | 235 | 5,354 | 13,763 | 147 | 598 | 35,529 |
| 3-yr | 10,058 | 25,487 | 150 | 29 | 0 | 16,416 | 2,710 | 1,285 | 56,127 | 5,550 | 1,012 | 5,519 | 1,876 | 108 | 257 | 17,985 | 32,308 | 216 | 1,068 | 89,719 |
| % Change from: | | | | | | | | | | | | | | | | | | | | |
| Long Term | 137.5 | 88.2 | -64.6 | -100.0 | #DIV/0! | 354.4 | 451.6 | 28.0 | 187.5 | 37.4 | -0.3 | 157.4 | 2,430.0 | 1,977.1 | 166.5 | 849.7 | 401.5 | 14.7 | 86.3 | 267.9 |
| 3-yr | -1.0 | -38.4 | -39.1 | -100.0 | #DIV/0! | 66.7 | 39.7 | -28.8 | 3.0 | 38.3 | 13.2 | 11.4 | 190.8 | 200.0 | 116.4 | 118.7 | 87.7 | -22.9 | -1.7 | 33.4 |
| 2018 | -28.2 | -56.8 | -68.6 | -100.0 | #DIV/0! | 42.5 | 36.8 | -46.1 | -22.1 | 58.3 | 23.7 | 57.3 | 11,904.7 | #DIV/0! | 300.6 | 691.3 | 308.6 | -63.3 | -27.3 | 31.6 |

[a]Surveys in NV redesigned in 2009 (estimates not comparable before and after survey redesign).

**Duck breeding population index for Oregon[a] from the State waterfowl breeding population survey, 1994–current.**

| Year | Mallard | Gadwall | Wigeon | GW Teal | BW Teal | Cin Teal | Shoveler | Pintail | Dabblers | Redhead | Canvasback | Scaup | Ringneck | Goldeneye | Bufflehead | Ruddy | Divers | Wood Duck | Mergansers | Ducks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1994 | 116,430 | 54,229 | 2,282 | 1,338 | 0 | 75,723 | 21,814 | 5,006 | 276,822 | 22,906 | 3,398 | 1,876 | 1,431 | 804 | 933 | 12,798 | 44,147 | 2,531 | 72 | 323,571 |
| 1995 | 77,515 | 40,577 | 2,100 | 2,643 | 1,292 | 40,444 | 12,152 | 6,225 | 182,947 | 11,791 | 2,519 | 1,795 | 3,501 | 1,189 | 3,651 | 5,689 | 30,136 | 1,814 | 989 | 215,886 |
| 1996 | 102,168 | 43,976 | 8,897 | 11,508 | 0 | 34,533 | 33,835 | 13,139 | 248,056 | 11,210 | 1,060 | 2,317 | 6,156 | 315 | 4,406 | 8,685 | 34,149 | 5,278 | 916 | 288,400 |
| 1997 | 121,155 | 61,651 | 8,027 | 8,800 | 773 | 49,206 | 46,201 | 13,080 | 308,894 | 13,170 | 2,530 | 6,620 | 9,734 | 0 | 4,370 | 8,695 | 45,118 | 4,980 | 475 | 359,467 |
| 1998 | 124,942 | 65,025 | 5,918 | 6,920 | 1,322 | 46,790 | 26,086 | 5,834 | 282,837 | 13,562 | 4,071 | 5,230 | 8,635 | 223 | 3,772 | 15,793 | 51,285 | 7,632 | 3,377 | 345,132 |
| 1999 | 125,631 | 52,004 | 6,895 | 5,230 | 536 | 44,518 | 24,519 | 7,400 | 266,732 | 10,782 | 3,197 | 7,362 | 8,675 | 200 | 4,144 | 12,441 | 46,801 | 5,530 | 902 | 319,966 |
| 2000 | 110,854 | 54,495 | 6,037 | 5,296 | 0 | 59,913 | 20,437 | 5,449 | 262,480 | 12,782 | 3,297 | 4,461 | 12,132 | 164 | 1,826 | 11,798 | 46,460 | 4,263 | 1,672 | 314,875 |
| 2001 | No Survey | | | | | | | | | | | | | | | | | | | |
| 2002 | 104,481 | 44,688 | 7,243 | 2,387 | 0 | 38,073 | 18,501 | 7,019 | 222,390 | 6,914 | 1,320 | 6,747 | 6,942 | 0 | 6,444 | 7,863 | 36,229 | 4,850 | 1,175 | 264,644 |
| 2003 | 89,032 | 54,287 | 2,276 | 1,906 | 2,929 | 40,141 | 14,300 | 2,544 | 207,414 | 11,344 | 973 | 3,326 | 7,424 | 693 | 2,031 | 8,862 | 34,653 | 3,407 | 637 | 246,111 |
| 2004 | 82,461 | 54,514 | 5,373 | 4,210 | 41 | 31,488 | 14,782 | 4,156 | 197,025 | 8,139 | 1,471 | 5,450 | 3,424 | 43 | 4,186 | 5,418 | 28,132 | 3,296 | 1,393 | 229,845 |
| 2005 | 74,115 | 41,906 | 3,634 | 3,995 | 288 | 31,430 | 30,527 | 4,508 | 190,402 | 3,464 | 818 | 1,763 | 3,589 | 0 | 1,430 | 2,943 | 14,007 | 4,444 | 1,533 | 210,387 |
| 2006 | 81,108 | 46,403 | 7,784 | 8,710 | 0 | 22,196 | 24,666 | 9,979 | 200,844 | 6,105 | 2,207 | 8,717 | 9,197 | 204 | 9,894 | 8,651 | 44,975 | 4,396 | 944 | 251,159 |
| 2007 | 92,461 | 50,243 | 14,337 | 12,831 | 0 | 33,923 | 58,694 | 9,669 | 272,157 | 5,681 | 2,207 | 11,799 | 6,500 | 0 | 3,703 | 11,854 | 41,743 | 4,910 | 305 | 319,114 |
| 2008 | 75,363 | 56,641 | 6,184 | 5,531 | 95 | 23,929 | 15,815 | 3,634 | 187,191 | 2,927 | 1,880 | 4,684 | 3,692 | 0 | 5,341 | 12,899 | 31,423 | 4,914 | 749 | 224,278 |
| 2009 | 72,616 | 37,795 | 4,842 | 4,188 | 41 | 20,683 | 6,448 | 3,746 | 150,358 | 3,718 | 899 | 2,354 | 6,935 | 0 | 4,971 | 12,419 | 31,297 | 3,766 | 554 | 185,975 |
| 2010 | 66,762 | 39,286 | 5,002 | 4,873 | 41 | 24,868 | 22,098 | 2,370 | 165,300 | 4,593 | 2,085 | 5,083 | 5,835 | 0 | 7,461 | 8,089 | 33,144 | 6,396 | 225 | 205,065 |
| 2011 | 61,556 | 40,925 | 2,339 | 2,617 | 0 | 16,861 | 8,656 | 3,544 | 136,498 | 5,430 | 2,128 | 1,311 | 4,359 | 43 | 1,696 | 4,244 | 19,211 | 2,275 | 436 | 158,420 |
| 2012 | 88,803 | 69,774 | 3,655 | 5,881 | 82 | 23,725 | 18,824 | 3,527 | 214,270 | 13,434 | 3,252 | 6,298 | 6,464 | 170 | 4,011 | 7,464 | 41,095 | 5,551 | 2,553 | 263,468 |
| 2013 | 84,336 | 62,766 | 9,038 | 9,010 | 0 | 19,350 | 15,919 | 3,398 | 203,816 | 6,073 | 1,390 | 4,683 | 4,809 | 0 | 6,033 | 18,407 | 41,395 | 5,729 | 744 | 251,684 |
| 2014 | 85,259 | 71,120 | 10,047 | 17,216 | 82 | 31,250 | 55,758 | 3,879 | 274,611 | 6,894 | 2,454 | 3,651 | 7,536 | 0 | 2,753 | 9,534 | 32,822 | 6,124 | 1,632 | 315,189 |
| 2015 | 87,361 | 73,726 | 12,121 | 8,623 | 86 | 35,674 | 15,620 | 2,653 | 235,864 | 4,277 | 1,989 | 4,975 | 4,179 | 0 | 3,075 | 18,536 | 37,031 | 5,796 | 992 | 279,683 |
| 2016 | 87,346 | 39,015 | 5,512 | 6,280 | 123 | 23,422 | 14,108 | 7,063 | 182,869 | 6,030 | 1,392 | 3,953 | 2,876 | 0 | 2,492 | 7,860 | 24,604 | 5,797 | 361 | 213,631 |
| 2017 | 71,720 | 50,382 | 5,675 | 3,927 | 123 | 30,309 | 29,127 | 8,296 | 199,559 | 5,945 | 1,349 | 3,893 | 7,426 | 0 | 6,355 | 11,136 | 36,104 | 3,153 | 1,038 | 239,854 |
| 2018 | 97,148 | 69,873 | 8,465 | 7,137 | 0 | 37,459 | 26,949 | 2,801 | 249,832 | 5,391 | 2,166 | 7,538 | 6,221 | 0 | 3,414 | 14,786 | 39,516 | 4,077 | 430 | 293,855 |
| 2019 | 83,867 | 56,757 | 4,849 | 5,777 | 41 | 32,604 | 21,493 | 6,385 | 211,772 | 5,707 | 2,444 | 5,387 | 7,131 | 41 | 6,330 | 8,291 | 35,331 | 3,861 | 479 | 251,442 |
| Averages: | | | | | | | | | | | | | | | | | | | | |
| Long Term | 90,580 | 53,282 | 6,341 | 6,273 | 316 | 34,740 | 23,893 | 5,812 | 221,238 | 8,331 | 2,100 | 4,851 | 6,192 | 164 | 4,189 | 10,206 | 36,032 | 4,591 | 983 | 262,844 |
| 3-yr | 84,245 | 59,004 | 6,330 | 5,614 | 55 | 33,457 | 25,856 | 5,827 | 220,388 | 5,681 | 1,986 | 5,606 | 6,926 | 14 | 5,366 | 11,404 | 36,984 | 3,697 | 649 | 261,717 |
| % Change from: | | | | | | | | | | | | | | | | | | | | |
| Long Term | -7.7 | 6.8 | -24.3 | -8.2 | -87.5 | -6.4 | -10.4 | 10.3 | -4.4 | -32.4 | 17.2 | 11.6 | 15.9 | -75.8 | 54.4 | -19.4 | -2.0 | -16.5 | -52.3 | -4.5 |
| 3-yr | -0.4 | -3.8 | -23.4 | 2.9 | -25.2 | -2.6 | -16.9 | 9.6 | -3.9 | 0.5 | 23.1 | -3.9 | 3.0 | 200.0 | 18.0 | -27.3 | -4.5 | 4.4 | -26.2 | -3.9 |
| 2018 | -13.7 | -18.8 | -42.7 | -19.1 | #DIV/0! | -13.0 | -20.2 | 128.0 | -15.2 | 5.9 | 12.9 | -28.5 | 14.6 | #DIV/0! | 85.4 | -43.9 | -10.6 | -5.3 | 11.3 | -14.4 |

[a]Oregon changed survey coverage in 2014 (data include updates).

**Duck breeding population index for Utah[a] from the State waterfowl breeding population survey, 1990–current.**

| Year | Mallard | Gadwall | Wigeon | GW Teal | BW Teal | Cin Teal | Shoveler | Pintail | Dabblers | Redhead | Canvasback | Scaup | Ringneck | Goldeneye | Bufflehead | Ruddy | Divers | Wood Duck | Mergansers | Ducks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1990 | 1,323 | 4,871 | | | | 3,025 | 5,874 | 179 | 15,272 | 4,368 | | | | | | 10,265 | 14,633 | | | 29,905 |
| 1991 | 3,222 | 6,541 | | | | 4,340 | 36,772 | 538 | 51,413 | 1,130 | | | | | | 22,342 | 23,472 | | | 74,885 |
| 1992 | 2,818 | 7,740 | | | | 9,791 | 1,103 | 896 | 22,348 | 3,605 | | | | | | 6,014 | 9,619 | | | 31,967 |
| 1993 | 3,910 | 6,236 | | | | 3,286 | 1,492 | 716 | 15,640 | 4,170 | | | | | | 1,191 | 5,361 | | | 21,001 |
| 1994 | 7,590 | 12,635 | | | | 9,726 | 2,303 | 358 | 32,612 | 4,539 | | | | | | 2,160 | 6,699 | | | 39,311 |
| 1995 | 8,625 | 13,237 | | | | 8,543 | 9,828 | 2,060 | 42,293 | 6,602 | | | | | | 0 | 6,602 | | | 48,895 |
| 1996 | 8,165 | 6,427 | | | | 7,754 | 4,152 | 2,687 | 29,185 | 4,365 | | | | | | 2,178 | 6,543 | | | 35,728 |
| 1997 | 7,935 | 13,675 | | | | 5,651 | 1,751 | 537 | 29,549 | 3,366 | | | | | | 3,088 | 6,454 | | | 36,003 |
| 1998 | 5,405 | 4,212 | | | | 3,549 | 876 | 627 | 14,669 | 4,235 | | | | | | 1,956 | 6,191 | | | 20,860 |
| 1999 | 5,405 | 6,072 | | | | 3,811 | 3,535 | 448 | 19,271 | 998 | | | | | | 7,706 | 8,704 | | | 27,975 |
| 2000 | 7,475 | 4,349 | | | | 9,200 | 454 | 716 | 22,194 | 1,998 | | | | | | 493 | 2,491 | | | 24,685 |
| 2001 | 3,795 | 3,337 | | | | 3,286 | 259 | 358 | 11,035 | 1,933 | | | | | | 5,035 | 6,968 | | | 18,003 |
| 2002 | 4,830 | 7,849 | | | | 5,191 | 1,881 | 716 | 20,467 | 3,453 | | | | | | 629 | 4,082 | | | 24,549 |
| 2003 | 5,118 | 6,564 | | | | 3,351 | 681 | 672 | 16,386 | 4,648 | | | | | | 1,310 | 5,958 | | | 22,344 |
| 2004 | 5,980 | 5,743 | | | | 3,811 | 649 | 1,343 | 17,526 | 2,997 | | | | | | 1,769 | 4,766 | | | 22,292 |
| 2005 | 19,148 | 7,795 | | | | 8,017 | 1,362 | 3,851 | 40,173 | 2,584 | | | | | | 221 | 2,805 | | | 42,978 |
| 2006 | 19,091 | 13,748 | 0 | 0 | | 6,309 | 3,925 | 1,791 | 44,864 | 5,712 | 0 | 0 | 0 | 0 | 0 | 561 | 6,273 | 0 | 0 | 51,137 |
| 2007 | 14,605 | 4,704 | 0 | 0 | | 9,266 | 454 | 1,343 | 30,372 | 2,020 | 0 | 0 | 0 | 0 | 0 | 510 | 2,530 | 0 | 0 | 32,902 |
| 2008 | 13,743 | 14,249 | 0 | 0 | | 14,720 | 1,362 | 358 | 44,432 | 7,145 | 0 | 0 | 0 | 0 | 0 | 459 | 7,604 | 0 | 0 | 52,036 |
| 2009 | 13,685 | 14,386 | 0 | 0 | | 10,514 | 1,557 | 537 | 40,679 | 5,799 | 0 | 0 | 0 | 0 | 0 | 2,986 | 8,785 | 0 | 0 | 49,464 |
| 2010 | 13,570 | 7,979 | 0 | 0 | | 12,354 | 2,789 | 627 | 37,319 | 6,971 | 0 | 0 | 0 | 0 | | 476 | 7,447 | 0 | 0 | 44,766 |
| 2011 | 10,695 | 3,911 | 0 | 0 | | 4,337 | 260 | 90 | 19,293 | 1,238 | 0 | 0 | 0 | 0 | 0 | 680 | 1,918 | 0 | 0 | 21,211 |
| 2012 | 16,561 | 6,345 | 0 | 0 | 0 | 6,769 | 1,427 | 358 | 31,460 | 2,345 | 0 | 0 | 0 | 0 | 0 | 723 | 3,068 | 0 | 0 | 34,528 |
| 2013 | 17,481 | 7,248 | 295 | 2,231 | 10 | 7,491 | 1,200 | 269 | 36,225 | 13,291 | 1,200 | 350 | 0 | 0 | 0 | 7,306 | 22,147 | 68 | 0 | 58,440 |
| 2014 | 13,685 | 4,102 | 61 | 0 | 0 | 6,046 | 1,038 | 90 | 25,022 | 8,274 | 354 | 46 | 0 | 0 | 0 | 1,114 | 9,788 | 0 | 0 | 34,810 |
| 2015 | 34,731 | 7,138 | 304 | 0 | 0 | 11,040 | 5,222 | 985 | 59,420 | 6,407 | 1,063 | 334 | 0 | 0 | 0 | 774 | 8,578 | 0 | 0 | 67,998 |
| 2016 | 27,256 | 10,256 | 61 | 152 | 0 | 9,594 | 1,687 | 358 | 49,364 | 3,497 | 708 | 759 | 0 | 0 | 0 | 1,540 | 6,504 | 0 | 0 | 55,868 |
| 2017 | 25,991 | 7,001 | 213 | 0 | 0 | 12,617 | 1,492 | 1,075 | 48,389 | 6,602 | 658 | 576 | 0 | 0 | 0 | 2,603 | 10,439 | 0 | 0 | 58,828 |
| 2018 | 8,798 | 1,969 | 30 | 2,125 | 0 | 6,379 | 2,400 | 179 | 21,880 | 3,258 | 51 | 30 | 0 | 0 | 0 | 102 | 3,441 | 0 | 0 | 25,321 |
| 2019 | 16,906 | 8,041 | 0 | 0 | 0 | 19,188 | 389 | 537 | 45,061 | 5,516 | 1,063 | 0 | 0 | 0 | 0 | 357 | 6,936 | 0 | 0 | 51,997 |
| Averages: | | | | | | | | | | | | | | | | | | | | |
| Long Term | 11,585 | 7,612 | 69 | 322 | 1 | 7,632 | 3,272 | 843 | 31,127 | 4,436 | 364 | 150 | 0 | 0 | 0 | 2,885 | 7,560 | 5 | 0 | 38,690 |
| 3-yr | 17,232 | 5,670 | 81 | 708 | 0 | 12,728 | 1,427 | 597 | 38,443 | 5,125 | 591 | 202 | 0 | 0 | 0 | 1,021 | 6,939 | 0 | 0 | 45,382 |
| % Change from: | | | | | | | | | | | | | | | | | | | | |
| Long Term | 48.3 | 5.8 | -100.0 | -100.0 | -100.0 | 165.3 | -88.5 | -37.1 | 47.0 | 25.4 | 242.6 | -100.0 | #DIV/0! | #DIV/0! | #DIV/0! | -88.0 | -8.5 | -100.0 | #DIV/0! | 36.0 |
| 3-yr | -1.9 | 41.8 | -100.0 | -100.0 | #DIV/0! | 50.8 | -72.7 | -10.1 | 17.2 | 7.6 | 80.0 | -100.0 | #DIV/0! | #DIV/0! | #DIV/0! | -65.0 | 0.0 | #DIV/0! | #DIV/0! | 14.6 |
| 2018 | 92.2 | 308.4 | -100.0 | -100.0 | #DIV/0! | 200.8 | -83.8 | 200.0 | 105.9 | 69.3 | 1,984.3 | -100.0 | #DIV/0! | #DIV/0! | #DIV/0! | 250.0 | 101.6 | #DIV/0! | #DIV/0! | 105.4 |

[a]Surveys in UT redesigned in 2009 (estimates not comparable before and after survey redesign).

**Duck breeding population index for Washington[a] from the State waterfowl breeding population survey, 1990–current.**

| Year | Mallard | Gadwall | Wigeon | GW Teal | BW Teal | Cin Teal | Shoveler | Pintail | Dabblers | Redhead | Canvasback | Scaup | Ringneck | Goldeneye | Bufflehead | Ruddy | Divers | Wood Duck | Mergansers | Ducks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1990 | 58,502 | 11,557 | 6,001 | 2,323 | 27,932 | | 5,119 | 653 | 112,087 | 19,976 | 150 | 8,431 | 1,014 | 3,131 | 1,011 | 13,198 | 46,911 | 1,143 | 56 | 160,197 |
| 1991 | 42,194 | 8,328 | 5,861 | 2,175 | 28,528 | | 3,639 | 379 | 91,104 | 16,956 | 222 | 12,842 | 1,983 | 2,352 | 1,003 | 9,947 | 45,305 | 2,092 | 348 | 138,849 |
| 1992 | 38,905 | 7,685 | 2,646 | 1,167 | 28,436 | | 3,576 | 815 | 83,230 | 9,665 | 274 | 6,349 | 2,032 | 1,530 | 666 | 6,827 | 27,343 | 3,539 | 181 | 114,293 |
| 1993 | 51,049 | 10,413 | 4,102 | 1,345 | 24,797 | | 4,345 | 1,990 | 98,041 | 14,524 | 728 | 11,040 | 1,590 | 1,501 | 533 | 6,072 | 35,988 | 1,535 | 51 | 135,615 |
| 1994 | 52,626 | 10,763 | 4,798 | 1,669 | 20,733 | | 3,910 | 954 | 95,453 | 14,922 | 80 | 5,300 | 1,350 | 1,496 | 71 | 8,291 | 31,510 | 2,406 | 224 | 129,593 |
| 1995 | 58,907 | 11,027 | 3,761 | 2,987 | 16,361 | | 5,194 | 1,164 | 99,401 | 12,942 | 677 | 9,942 | 5,937 | 2,459 | 2,461 | 9,956 | 44,374 | 1,256 | 2,277 | 147,308 |
| 1996 | 61,615 | 14,996 | 6,010 | 3,953 | 14,080 | | 6,092 | 1,848 | 108,594 | 14,042 | 640 | 11,762 | 3,815 | 2,358 | 4,886 | 14,511 | 52,014 | 2,056 | 593 | 163,257 |
| 1997 | 66,991 | 15,304 | 8,392 | 7,040 | 16,903 | | 11,770 | 2,802 | 129,202 | 12,363 | 1,362 | 8,433 | 2,490 | 1,877 | 5,358 | 9,837 | 41,720 | 1,584 | 270 | 172,776 |
| 1998 | 78,962 | 17,077 | 7,039 | 7,175 | 20,228 | | 12,580 | 2,110 | 145,171 | 12,399 | 619 | 7,674 | 2,490 | 1,308 | 805 | 15,474 | 40,769 | 1,836 | 668 | 188,444 |
| 1999 | 86,243 | 17,130 | 5,721 | 3,665 | 20,916 | | 14,926 | 2,145 | 150,746 | 13,568 | 1,032 | 10,697 | 3,835 | 1,993 | 1,094 | 14,556 | 46,775 | 2,496 | 182 | 200,199 |
| 2000 | 60,434 | 13,908 | 4,523 | 3,320 | 19,848 | | 9,100 | 970 | 112,103 | 15,584 | 603 | 6,982 | 5,100 | 2,126 | 410 | 11,419 | 42,224 | 1,841 | 161 | 156,329 |
| 2001 | 50,464 | 16,260 | 3,593 | 3,036 | 17,931 | | 8,000 | 1,017 | 100,301 | 13,915 | 1,073 | 10,976 | 3,931 | 3,643 | 826 | 9,156 | 43,520 | 2,223 | 356 | 146,400 |
| 2002 | 44,676 | 18,526 | 6,500 | 2,673 | 24,369 | | 5,968 | 395 | 103,107 | 11,830 | 1,506 | 9,289 | 1,405 | 4,036 | 1,606 | 9,023 | 38,695 | 1,863 | 327 | 143,992 |
| 2003 | 39,843 | 15,353 | 5,028 | 1,749 | 11,272 | | 7,794 | 608 | 81,647 | 8,117 | 919 | 12,722 | 3,063 | 4,713 | 3,034 | 12,175 | 44,743 | 616 | 757 | 127,763 |
| 2004 | 39,958 | 15,184 | 5,442 | 1,477 | 13,618 | | 6,293 | 1,096 | 83,068 | 8,364 | 618 | 4,807 | 850 | 3,254 | 1,280 | 9,624 | 28,797 | 1,553 | 463 | 113,881 |
| 2005 | 40,794 | 15,665 | 3,439 | 2,406 | 12,404 | | 4,477 | 644 | 79,829 | 4,978 | 610 | 5,741 | 2,525 | 3,567 | 2,425 | 10,150 | 29,996 | 1,375 | 304 | 111,504 |
| 2006 | 45,485 | 17,995 | 6,012 | 4,095 | 9,544 | | 6,581 | 1,089 | 90,801 | 8,492 | 1,460 | 9,709 | 3,640 | 2,847 | 6,361 | 10,464 | 42,973 | 1,549 | 121 | 135,444 |
| 2007 | 46,053 | 17,165 | 6,240 | 4,060 | 11,999 | | 5,409 | 723 | 91,649 | 8,265 | 756 | 6,530 | 2,732 | 2,837 | 2,809 | 9,538 | 33,467 | 1,870 | 1,279 | 128,265 |
| 2008 | 50,646 | 14,065 | 2,618 | 1,590 | 11,920 | | 4,898 | 450 | 86,187 | 7,757 | 1,132 | 4,244 | 2,995 | 3,841 | 3,728 | 8,262 | 31,959 | 1,781 | 969 | 120,896 |
| 2009 | 47,544 | 12,212 | 4,283 | 5,741 | 9,217 | | 5,555 | 1,198 | 85,749 | 7,156 | 873 | 5,982 | 2,521 | 3,686 | 949 | 8,378 | 29,545 | 1,327 | 1,030 | 117,650 |
| 2010 | 91,782 | 18,638 | 5,744 | 5,938 | 1,781 | 9,443 | 13,978 | 875 | 148,179 | 8,816 | 66 | 2,439 | 3,056 | 80 | 7,642 | 2,907 | 25,006 | 1,675 | 709 | 175,567 |
| 2011 | 71,376 | 11,033 | 6,465 | 13,306 | 1,461 | 3,064 | 8,966 | 0 | 115,671 | 4,401 | 262 | 3,364 | 5,017 | 87 | 5,302 | 7,831 | 26,264 | 1,915 | 1,902 | 145,752 |
| 2012 | 89,385 | 15,660 | 6,154 | 5,000 | 1,587 | 5,354 | 5,954 | 770 | 129,864 | 6,798 | 206 | 3,426 | 7,450 | 846 | 7,717 | 5,770 | 32,213 | 1,722 | 1,722 | 165,520 |
| 2013 | 74,079 | 16,654 | 5,212 | 7,763 | 1,789 | 7,460 | 6,373 | 748 | 120,078 | 11,187 | 406 | 3,522 | 3,475 | 1,347 | 6,051 | 4,789 | 30,776 | 3,723 | 1,087 | 155,664 |
| 2014 | 86,466 | 20,208 | 6,126 | 5,348 | 1,454 | 9,318 | 5,352 | 546 | 134,817 | 6,065 | 79 | 1,799 | 4,676 | 380 | 4,754 | 14,224 | 31,977 | 6,144 | 4,124 | 177,062 |
| 2015 | 86,392 | 22,532 | 8,553 | 12,530 | 797 | 10,377 | 5,160 | 763 | 147,104 | 4,750 | 745 | 2,217 | 7,045 | 222 | 3,405 | 20,681 | 39,065 | 4,911 | 1,860 | 192,940 |
| 2016 | 59,864 | 14,561 | 6,347 | 4,770 | 382 | 8,143 | 2,841 | 817 | 97,725 | 7,413 | 0 | 2,589 | 4,068 | 79 | 1,347 | 2,268 | 17,765 | 3,529 | 2,422 | 121,440 |
| 2017 | 103,384 | 18,626 | 10,020 | 21,482 | 528 | 6,390 | 17,766 | 6,570 | 184,766 | 7,827 | 482 | 3,373 | 11,809 | 64 | 13,634 | 8,707 | 45,896 | 6,191 | 3,147 | 240,000 |
| 2018 | 124,935 | 28,414 | 8,775 | 10,477 | 3,938 | 14,778 | 17,774 | 2,800 | 211,892 | 9,309 | 247 | 6,443 | 10,924 | 824 | 4,577 | 20,149 | 52,473 | 11,932 | 3,844 | 280,141 |
| 2019 | 126,243 | 24,178 | 8,080 | 13,779 | 247 | 16,326 | 9,860 | 1,098 | 199,812 | 12,886 | 0 | 6,075 | 3,654 | 146 | 5,355 | 8,886 | 37,001 | 7,103 | 4,313 | 248,229 |
| Averages: | | | | | | | | | | | | | | | | | | | | |
| Long Term | 65,860 | 15,704 | 5,783 | 5,468 | 12,500 | 9,065 | 7,642 | 1,268 | 117,246 | 10,509 | 594 | 6,823 | 3,882 | 1,954 | 3,370 | 10,102 | 37,235 | 2,826 | 1,192 | 158,499 |
| 3-yr | 118,187 | 23,739 | 8,958 | 15,246 | 1,571 | 12,498 | 15,133 | 3,490 | 198,823 | 10,007 | 243 | 5,297 | 8,796 | 345 | 7,855 | 12,581 | 45,123 | 8,409 | 3,768 | 256,123 |
| % Change from: | | | | | | | | | | | | | | | | | | | | |
| Long Term | 97.9 | 56.9 | 41.7 | 165.9 | -98.1 | 97.7 | 30.3 | -13.8 | 74.7 | 23.6 | -100.0 | -11.3 | -6.1 | -92.8 | 62.2 | -12.4 | -0.7 | 165.2 | 298.0 | 59.7 |
| 3-yr | 6.8 | 1.8 | -9.8 | -9.6 | -84.3 | 30.6 | -34.8 | -68.5 | 0.5 | 28.8 | -100.0 | 14.7 | -58.5 | -57.6 | -31.8 | -29.4 | -18.0 | -15.5 | 14.5 | -3.1 |
| 2018 | 1.0 | -14.9 | -7.9 | 31.5 | -93.7 | 10.5 | -44.5 | -60.8 | -5.7 | 38.4 | -100.0 | -5.7 | -66.5 | -82.3 | 17.0 | -55.9 | -29.5 | -40.5 | 12.2 | -11.4 |

[a]Washington changed survey coverage in 2014; (data include updates).

**Duck breeding population index from State breeding waterfowl surveys in California, Nevada[a], Oregon, Utah[a], and Washington, 1994–current.**

| Year | Mallard | Gadwall | Wigeon | GW Teal | BW Teal | Cin Teal[b] | Shoveler | Pintail | Dabblers | Redhead | Canvasback | Scaup | Ringneck | Goldeneye | Bufflehead | Ruddy | Divers | Wood Duck | Mergansers | Ducks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1994 | 507,609 | 145,809 | 8,511 | 9,641 | 20,733 | 121,064 | 54,158 | 15,597 | 883,122 | 51,885 | 4,864 | 8,131 | 2,908 | 2,305 | 4,635 | 25,293 | 100,021 | 14,272 | 687 | 998,102 |
| 1995 | 522,760 | 165,838 | 9,246 | 5,635 | 17,653 | 103,818 | 43,210 | 30,940 | 899,099 | 43,269 | 4,580 | 18,088 | 9,985 | 3,648 | 8,888 | 30,201 | 118,659 | 11,522 | 3,736 | 1,033,016 |
| 1996 | 716,569 | 165,474 | 22,105 | 16,237 | 14,080 | 66,959 | 106,112 | 28,509 | 1,136,045 | 43,040 | 2,649 | 36,670 | 10,505 | 4,967 | 12,332 | 39,643 | 149,806 | 11,667 | 2,215 | 1,299,733 |
| 1997 | 717,093 | 193,108 | 21,050 | 37,617 | 17,676 | 106,143 | 161,883 | 40,870 | 1,295,440 | 38,918 | 5,243 | 16,720 | 12,310 | 2,184 | 10,172 | 32,432 | 117,979 | 7,200 | 1,774 | 1,422,393 |
| 1998 | 573,053 | 163,357 | 35,461 | 28,954 | 21,550 | 95,001 | 140,770 | 15,854 | 1,074,000 | 43,656 | 5,640 | 27,938 | 12,394 | 1,531 | 7,475 | 112,518 | 211,152 | 12,779 | 4,948 | 1,302,879 |
| 1999 | 787,272 | 176,602 | 43,009 | 26,092 | 21,452 | 94,224 | 67,162 | 24,483 | 1,240,296 | 34,405 | 6,005 | 24,428 | 13,516 | 2,199 | 7,672 | 90,353 | 178,578 | 25,070 | 1,891 | 1,445,835 |
| 2000 | 533,792 | 184,300 | 14,881 | 10,580 | 19,848 | 93,802 | 86,438 | 14,267 | 957,908 | 40,517 | 5,783 | 14,528 | 17,818 | 2,292 | 3,601 | 34,814 | 119,352 | 10,405 | 2,518 | 1,090,183 |
| 2001 | 477,648 | 150,314 | 13,390 | 9,281 | 17,931 | 34,611 | 42,601 | 11,651 | 757,426 | 39,118 | 4,233 | 18,235 | 10,714 | 4,100 | 4,537 | 31,226 | 112,163 | 7,189 | 2,059 | 878,836 |
| 2002 | 427,598 | 135,033 | 14,137 | 5,407 | 24,369 | 59,567 | 49,525 | 10,769 | 726,405 | 27,932 | 6,147 | 21,901 | 8,520 | 4,036 | 11,434 | 21,621 | 101,591 | 7,135 | 2,416 | 837,547 |
| 2003 | 481,089 | 162,203 | 11,173 | 3,895 | 14,201 | 76,892 | 48,484 | 8,704 | 806,641 | 42,400 | 6,027 | 23,389 | 10,877 | 5,406 | 7,780 | 49,206 | 145,085 | 4,546 | 3,569 | 959,841 |
| 2004 | 403,210 | 160,126 | 11,984 | 5,917 | 13,659 | 74,955 | 30,219 | 12,724 | 712,794 | 28,048 | 2,433 | 11,615 | 4,639 | 3,297 | 7,565 | 34,965 | 92,562 | 12,553 | 2,944 | 820,853 |
| 2005 | 461,761 | 248,611 | 7,724 | 6,876 | 12,692 | 79,689 | 64,724 | 15,673 | 897,750 | 15,577 | 1,896 | 17,243 | 6,420 | 5,574 | 7,818 | 22,312 | 76,840 | 30,495 | 2,598 | 1,007,683 |
| 2006 | 553,681 | 205,850 | 15,878 | 13,125 | 9,544 | 102,757 | 60,140 | 20,544 | 981,519 | 29,767 | 5,975 | 21,177 | 13,495 | 3,055 | 20,043 | 33,370 | 126,882 | 25,644 | 1,989 | 1,136,034 |
| 2007 | 552,104 | 214,896 | 23,646 | 20,205 | 11,999 | 87,107 | 87,788 | 15,466 | 1,013,211 | 23,983 | 3,760 | 19,427 | 12,463 | 2,839 | 7,738 | 30,292 | 100,502 | 18,219 | 2,582 | 1,134,514 |
| 2008 | 447,715 | 156,513 | 11,537 | 8,021 | 12,015 | 84,805 | 86,774 | 7,175 | 814,555 | 24,247 | 3,720 | 18,674 | 9,134 | 4,782 | 25,687 | 53,115 | 139,359 | 21,092 | 2,606 | 977,612 |
| 2009 | 455,353 | 201,086 | 13,722 | 11,418 | 9,257 | 114,130 | 41,798 | 9,003 | 855,767 | 25,640 | 5,317 | 13,760 | 12,615 | 4,336 | 7,565 | 37,398 | 106,632 | 14,309 | 4,698 | 981,405 |
| 2010 | 538,294 | 155,849 | 12,174 | 12,275 | 1,822 | 104,449 | 59,925 | 7,159 | 891,948 | 37,092 | 14,123 | 14,945 | 9,874 | 199 | 18,336 | 25,104 | 119,675 | 11,656 | 2,151 | 1,025,431 |
| 2011 | 451,935 | 178,751 | 10,439 | 17,059 | 1,461 | 88,479 | 41,252 | 7,953 | 797,329 | 16,286 | 4,659 | 9,148 | 11,058 | 1,051 | 12,616 | 17,760 | 72,577 | 14,599 | 7,685 | 892,190 |
| 2012 | 590,095 | 153,532 | 14,889 | 13,470 | 1,668 | 64,999 | 58,652 | 10,027 | 907,332 | 26,678 | 4,048 | 9,575 | 15,549 | 1,027 | 16,097 | 29,391 | 102,365 | 15,518 | 5,541 | 1,030,757 |
| 2013 | 492,486 | 174,433 | 18,419 | 20,816 | 1,799 | 59,321 | 47,317 | 7,332 | 821,923 | 34,470 | 7,959 | 14,007 | 9,272 | 1,699 | 15,299 | 49,977 | 132,683 | 13,215 | 4,054 | 971,875 |
| 2014 | 428,231 | 195,525 | 19,989 | 28,950 | 1,536 | 80,060 | 94,366 | 5,566 | 854,222 | 28,052 | 9,112 | 9,224 | 13,188 | 703 | 9,656 | 48,103 | 118,038 | 20,934 | 7,897 | 1,001,091 |
| 2015 | 387,856 | 168,332 | 22,886 | 23,296 | 883 | 90,624 | 39,043 | 5,519 | 738,439 | 18,200 | 4,797 | 11,119 | 13,757 | 244 | 8,696 | 66,846 | 123,659 | 19,245 | 3,492 | 884,835 |
| 2016 | 452,612 | 128,586 | 13,801 | 14,097 | 505 | 75,541 | 30,324 | 19,712 | 735,178 | 26,086 | 6,188 | 12,145 | 8,130 | 79 | 5,675 | 37,346 | 95,649 | 16,254 | 3,679 | 850,760 |
| 2017 | 405,837 | 172,229 | 18,842 | 27,273 | 651 | 85,979 | 64,927 | 40,344 | 816,082 | 37,119 | 4,589 | 19,846 | 24,296 | 64 | 23,774 | 50,186 | 150,969 | 11,379 | 6,471 | 984,901 |
| 2018 | 517,609 | 239,205 | 19,870 | 23,135 | 3,938 | 156,313 | 74,220 | 15,958 | 1,050,248 | 36,069 | 4,683 | 18,923 | 20,324 | 824 | 17,298 | 53,109 | 151,229 | 31,854 | 6,076 | 1,239,407 |
| 2019 | 476,803 | 215,992 | 15,241 | 25,716 | 799 | 145,895 | 58,576 | 15,459 | 954,480 | 36,834 | 4,653 | 17,967 | 20,340 | 1,223 | 14,912 | 63,246 | 159,175 | 21,592 | 7,034 | 1,142,282 |
| Averages: | | | | | | | | | | | | | | | | | | | | |
| Long Term | 513,849 | 177,367 | 17,077 | 16,346 | 10,528 | 90,276 | 66,938 | 16,048 | 908,429 | 32,665 | 5,349 | 17,262 | 12,081 | 2,449 | 11,435 | 43,070 | 123,969 | 15,782 | 3,743 | 1,051,923 |
| 3-yr | 466,750 | 209,142 | 17,984 | 25,374 | 1,796 | 129,396 | 65,908 | 23,920 | 940,270 | 36,674 | 4,642 | 18,912 | 21,654 | 704 | 18,661 | 55,514 | 153,791 | 21,608 | 6,527 | 1,122,197 |
| % Change from: | | | | | | | | | | | | | | | | | | | | |
| Long Term | -7.5 | 22.8 | -11.1 | 61.0 | -92.7 | 65.7 | -12.9 | -3.8 | 5.3 | 13.3 | -13.5 | 4.3 | 73.1 | -51.0 | 32.0 | 49.6 | 29.9 | 38.9 | 94.8 | 9.0 |
| 3-yr | 2.2 | 3.3 | -15.3 | 1.3 | -55.5 | 12.8 | -11.1 | -35.4 | 1.5 | 0.4 | 0.2 | -5.0 | -6.1 | 73.8 | -20.1 | 13.9 | 3.5 | -0.1 | 7.8 | 1.8 |
| 2018 | -7.9 | -9.7 | -23.3 | 11.2 | -79.7 | -6.7 | -21.1 | -3.1 | -9.1 | 2.1 | -0.6 | -5.1 | 0.1 | 48.4 | -13.8 | 19.1 | 5.3 | -32.2 | 15.8 | -7.8 |

[a]Surveys in NV and UT redesigned in 2009 (estimates not comparible before and after survey redesign), and redesigned in WA and OR in 2014 (data includes updates).

[b]Pacific Flyway total Cinnamon Teal estimates could be derived from all states except WA, but the majority of the old BW/Cin column is assumed to be Cin based on recent history.

**Western mallard breeding population index, 1977–current.**

| | Alaska | | British Columbia | | Washington | | Oregon | | California | | BC, WA, CA, & OR Subtotal (Southern Pacific Flyway) | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Index | SE | Index | SE | Index | SE | Index | SE | Index | SE | Index | SE | Index | SE |
| 1977 | 459,778 | 55,724 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1978 | 318,842 | 36,342 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1979 | 275,779 | 36,047 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1980 | 399,102 | 39,399 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1981 | 476,251 | 48,716 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1982 | 254,727 | 29,708 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1983 | 321,687 | 28,506 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1984 | 504,182 | 52,275 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1985 | 219,055 | 24,633 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1986 | 233,539 | 26,196 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1987 | 185,802 | 19,422 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1988 | 356,711 | 36,604 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1989 | 411,507 | 34,261 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1990 | 366,933 | 37,017 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1991 | 385,319 | 36,279 | . | . | . | . | . | . | . | . | . | . | . | . |
| 1992 | 345,708 | 38,708 | . | . | . | . | . | . | 375,844 | 59,873 | . | . | . | . |
| 1993 | 282,983 | 29,533 | . | . | . | . | . | . | 359,008 | 50,253 | . | . | . | . |
| 1994 | 350,875 | 37,142 | . | . | . | . | 116,430 | 13,280 | 311,692 | 40,362 | . | . | . | . |
| 1995 | 524,200 | 67,975 | . | . | . | . | 77,515 | 7,265 | 368,526 | 42,126 | . | . | . | . |
| 1996 | 522,006 | 43,552 | . | . | . | . | 102,168 | 8,886 | 536,709 | 79,656 | . | . | . | . |
| 1997 | 584,247 | 51,997 | . | . | . | . | 121,155 | 12,503 | 511,344 | 103,580 | . | . | . | . |
| 1998 | 836,216 | 67,284 | . | . | . | . | 124,942 | 10,548 | 353,901 | 47,746 | . | . | . | . |
| 1999 | 713,054 | 69,568 | . | . | . | . | 125,631 | 9,255 | 560,063 | 106,201 | . | . | . | . |
| 2000 | 770,333 | 52,159 | . | . | . | . | 110,854 | 9,055 | 347,559 | 52,463 | . | . | . | . |
| 2001 | 718,286 | 54,127 | . | . | . | . | | | 302,204 | 44,361 | . | . | . | . |
| 2002 | 667,339 | 50,687 | . | . | . | . | 104,481 | 9,030 | 265,295 | 31,385 | . | . | . | . |
| 2003 | 843,497 | 66,823 | . | . | . | . | 89,032 | 8,047 | 337,056 | 49,485 | . | . | . | . |
| 2004 | 811,135 | 63,878 | . | . | . | . | 82,461 | 6,900 | 262,424 | 34,483 | . | . | . | . |
| 2005 | 703,140 | 54,748 | . | . | . | . | 74,115 | 6,379 | 317,869 | 46,930 | . | . | . | . |
| 2006 | 515,821 | 46,935 | 90,404 | 8,628 | . | . | 81,108 | 6,775 | 399,436 | 57,229 | . | . | . | . |
| 2007 | 581,493 | 55,053 | 98,840 | 7,900 | . | . | 92,461 | 7,425 | 388,324 | 54,106 | . | . | . | . |
| 2008 | 532,414 | 46,797 | 81,124 | 5,914 | . | . | 75,363 | 6,725 | 297,129 | 47,349 | . | . | . | . |
| 2009 | 502,970 | 44,896 | 72,505 | 5,287 | . | . | 72,616 | 5,867 | 301,960 | 63,641 | . | . | . | . |
| 2010 | 605,556 | 53,070 | 81,131 | 6,121 | 92,911 | 11,680 | 66,762 | 5,657 | 367,891 | 55,412 | 608,695 | 57,240 | 1,214,251 | 78,056 |
| 2011 | 415,825 | 38,767 | 69,726 | 6,872 | 71,375 | 9,456 | 61,556 | 4,637 | 314,715 | 44,975 | 517,372 | 46,700 | 933,197 | 60,694 |
| 2012 | 505,583 | 51,067 | 75,561 | 8,401 | 89,468 | 8,203 | 88,803 | 7,505 | 387,061 | 54,532 | 640,893 | 56,284 | 1,146,476 | 75,998 |
| 2013 | 338,379 | 38,215 | 82,944 | 7,613 | 74,406 | 8,917 | 84,336 | 6,431 | 298,636 | 52,290 | 540,322 | 53,973 | 878,701 | 66,132 |
| 2014 | 500,879 | 57,351 | 82,633 | 6,805 | 86,344 | 10,250 | 85,259 | 8,572 | 238,666 | 54,606 | 492,902 | 56,628 | 993,781 | 80,597 |
| 2015 | 470,915 | 50,867 | 81,377 | 6,873 | 86,417 | 9,041 | 87,361 | 8,611 | 173,865 | 28,175 | 429,020 | 31,574 | 899,935 | 59,870 |
| 2016 | 584,200 | 65,389 | 73,991 | 6,216 | 59,864 | 4,681 | 87,346 | 8,038 | 263,774 | 35,602 | 484,975 | 37,319 | 1,069,175 | 75,289 |
| 2017 | 538,451 | 51,882 | 70,903 | 6,944 | 103,384 | 9,770 | 71,720 | 6,138 | 198,392 | 31,863 | 444,399 | 34,592 | 982,850 | 62,356 |
| 2018 | 450,750 | 45,061 | 79,309 | 5,697 | 124,935 | 10,013 | 97,148 | 11,407 | 272,859 | 42,037 | 574,251 | 45,055 | 1,025,001 | 63,722 |
| 2019 | 361,060 | 35,347 | 74,535 | 7,495 | 126,243 | 12,114 | 83,867 | 6,992 | 239,831 | 32,223 | 524,476 | 35,918 | 885,535 | 50,393 |
| Averages: | | | | | | | | | | | | | | |
| Long Term | 482,477 | 45,814 | 79,642 | 6,912 | 91,535 | 9,412 | 90,580 | 8,077 | 334,001 | 51,534 | 525,731 | 45,528 | 1,002,890 | 67,311 |
| 3-yr | 450,087 | 44,096 | 74,916 | 6,712 | 118,187 | 10,632 | 84,245 | 8,179 | 237,027 | 35,374 | 514,375 | 38,522 | 964,462 | 58,824 |
| % Change from: | | | | | | | | | | | | | | |
| Long Term | -25.6 | -23.3 | -6.9 | 9.1 | 44.0 | 32.9 | -7.7 | -13.9 | -28.9 | -38.3 | -0.3 | -22.9 | -12.8 | -27.2 |
| 3-yr | -19.8 | -19.8 | -0.5 | 11.7 | 6.8 | 13.9 | -0.4 | -14.5 | 1.2 | -8.9 | 2.0 | -6.8 | -8.2 | -14.3 |
| 2018 | -19.9 | -21.6 | -6.0 | 31.6 | 1.0 | 21.0 | -13.7 | -38.7 | -12.1 | -23.3 | -8.7 | -20.3 | -13.6 | -20.9 |

Pacific Brant population indices from the Mid-winter Waterfowl Survey, 1936–current. The table continues on the next page and includes long-term summary statistics.

| | U.S. and Canada | | | | | | Mexico[b] | | | MWS Index | | Izembek Index | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Ak[e] | BC[a] | WA | OR | CA | Subtotal[a] | Baja | Mainland | Subtotal | Annual[c] | 3-yr Avg[c] | Annual[d] | % Juv[d] |
| 1936 | | | 8,202 | 3,085 | 19,910 | 31,197 | | | | | | | |
| 1937 | | | 13,450 | 5,935 | 13,460 | 32,845 | | | | | | | |
| 1938 | | | 24,560 | 10,475 | 38,200 | 73,235 | | | | | | | |
| 1939 | | | 25,595 | 9,502 | 16,890 | 51,987 | | | | | | | |
| 1940 | | | 35,520 | 5,350 | 35,050 | 75,920 | | | | | | | |
| 1941 | | | 24,100 | 5,000 | 31,785 | 60,885 | | | | | | | |
| 1942 | | | 53,950 | 6,850 | 28,983 | 89,783 | | | | | | | |
| 1943 | | | 37,000 | 575 | 18,000 | 55,575 | | | | | | | |
| 1944 | | | 33,950 | 7,250 | 20,250 | 61,450 | | | | | | | |
| 1945 | | | 32,650 | 3,000 | 30,100 | 65,750 | | | | | | | |
| 1946 | | | 25,462 | 55 | 60,452 | 85,969 | | | | | | | |
| 1947 | | | 20,250 | 8,200 | 39,640 | 68,090 | | | | | | | |
| 1948 | | | 20,660 | 2,850 | 32,750 | 56,260 | | | | | | | |
| 1949 | | | 20,650 | 803 | 66,515 | 87,968 | | | | | | | |
| 1950 | | | 15,574 | 3,600 | 57,792 | 76,966 | | | | | | | |
| 1951 | | | 21,639 | 2,110 | 48,131 | 71,880 | 93,200 | 0 | 93,200 | | | | |
| 1952 | | | 16,578 | 3,200 | 43,840 | 63,618 | 102,945 | 0 | 102,945 | | | | |
| 1953 | | | 27,473 | 1,509 | 37,557 | 66,539 | 87,905 | 0 | 87,905 | | | | |
| 1954 | | | 15,376 | 1,560 | 28,750 | 45,686 | 86,316 | 0 | 86,316 | | | | |
| 1955 | | | 21,915 | 1,686 | 34,070 | 57,671 | 76,679 | 0 | 76,679 | | | | |
| 1956 | | | 15,914 | 2,073 | 38,510 | 56,497 | 52,743 | 0 | 52,743 | | | | |
| 1957 | | | 20,701 | 1,493 | 35,848 | 58,042 | 73,380 | 0 | 73,380 | | | | |
| 1958 | | | 25,219 | 2,778 | 26,560 | 54,557 | 71,305 | 4 | 71,309 | | | | |
| 1959 | | | 10,815 | 1,121 | 10,750 | 22,686 | 71,305 | 1,400 | 72,705 | | | | |
| 1960 | | | 17,614 | 652 | 3,771 | 22,037 | 113,087 | 1,115 | 114,202 | 136,239 | -- | | |
| 1961 | | | 16,675 | 1,330 | 6,853 | 24,858 | 138,625 | 4,355 | 142,980 | 167,838 | -- | | |
| 1962 | | | 25,815 | 2,266 | 23,510 | 51,591 | 116,245 | 2,400 | 118,645 | 170,236 | 158,104 | | |
| 1963 | | | 20,400 | 2,639 | 2,388 | 25,427 | 101,575 | 13,240 | 114,815 | 140,242 | 159,439 | | |
| 1964 | | | 34,169 | 2,000 | 8,353 | 44,522 | 117,470 | 23,290 | 140,760 | 185,282 | 165,253 | | 22.7% |
| 1965 | | | 19,938 | 1,325 | 3,372 | 24,635 | 117,350 | 24,915 | 142,265 | 166,900 | 164,141 | | 26.5% |
| 1966 | | | 22,175 | 798 | 3,284 | 26,257 | 115,601 | 19,505 | 135,106 | 161,363 | 171,182 | | 21.3% |
| 1967 | | | 21,235 | 1,523 | 3,824 | 26,582 | 111,755 | 41,315 | 153,070 | 179,652 | 169,305 | | 43.6% |
| 1968 | | | 15,746 | 865 | 1,729 | 18,340 | 111,600 | 24,400 | 136,000 | 154,340 | 165,118 | | 17.8% |
| 1969 | | | 10,063 | 382 | 166 | 10,611 | 97,400 | 35,075 | 132,475 | 143,086 | 159,026 | | 17.9% |
| 1970 | | | 8,916 | 963 | 207 | 10,086 | 98,200 | 33,400 | 131,600 | 141,686 | 146,371 | | 29.2% |
| 1971 | | | 10,915 | 1,374 | 130 | 12,419 | 105,800 | 31,000 | 136,800 | 149,219 | 144,664 | | 38.3% |
| 1972 | | | 4,328 | 1,047 | 0 | 5,375 | 91,200 | 28,200 | 119,400 | 124,775 | 138,560 | | 35.8% |
| 1973 | | | 5,911 | 2,544 | 950 | 9,405 | 85,500 | 30,100 | 115,600 | 125,005 | 133,000 | | 38.1% |
| 1974 | | | 4,977 | 1,904 | 470 | 7,351 | 96,900 | 26,400 | 123,300 | 130,651 | 126,810 | | 33.1% |
| 1975 | | | 6,163 | 1,507 | 480 | 8,150 | 80,825 | 34,455 | 115,280 | 123,430 | 126,362 | | 4.7% |
| 1976 | | | 7,540 | 1,769 | 680 | 9,989 | 82,783 | 29,273 | 112,056 | 122,045 | 125,375 | | 38.1% |
| 1977 | | | 14,111 | 2,100 | 0 | 16,211 | 86,534 | 44,222 | 130,756 | 146,967 | 130,814 | 107,784 | 36.8% |
| 1978 | | | 18,100 | 1,110 | 560 | 19,770 | 106,469 | 36,648 | 143,117 | 162,887 | 143,966 | 116,298 | 32.5% |
| 1979 | | | 8,078 | 1,255 | 10 | 9,343 | 87,860 | 32,210 | 120,070 | 129,413 | 146,422 | | 15.5% |
| 1980 | | | 7,665 | 1,015 | 135 | 8,815 | 89,690 | 47,860 | 137,550 | 146,365 | 146,222 | 128,204 | 16.9% |
| 1981 | 3,271 | | 10,107 | 1,790 | 540 | 15,708 | 160,560 | 21,200 | 181,760 | 197,468 | 157,749 | 127,667 | 30.3% |
| 1982 | | | 6,451 | 706 | 485 | 7,642 | 85,105 | 28,297 | 113,402 | 121,044 | 154,959 | 180,734 | 29.3% |
| 1983 | | | 3,113 | 718 | 565 | 4,396 | 81,761 | 23,157 | 104,918 | 109,314 | 142,609 | 146,945 | 13.7% |
| 1984 | 1,611 | | 7,097 | 930 | 700 | 10,338 | 95,170 | 29,533 | 124,703 | 135,041 | 121,800 | 147,933 | 31.4% |
| 1985 | | 283 | 11,793 | 641 | 800 | 13,517 | 101,405 | 30,163 | 131,568 | 145,085 | 129,813 | 120,122 | 18.3% |

[a]In British Columbia, totals for 1984–1991 are Christmas Bird Counts, and from 1992–on are from Canadian Wildlife Service counts.

[b]Aerial surveys were not flown (2009, 2011-2012, 2014–2015) in Mexico due to pilot safety concerns. Instead, ground-counts conducted by Palacios and Avila (including 2013).

[c]Includes Western High Arctic brant. 3-year average considers most recent 3 years of annual counts.

[d]Izembek index from fall before Mid-winter Waterfowl Survey, includes Western High Arctic brant, and was updated Fall 2016 after extensive review. Percent Juveniles represent model-based estimates from NWR ground surveys and will change annually (Ward et al. 2018; Ward and Amundson, USGS, unpublished data).

[e]No survey conducted due to pilot survey concerns.

[f] The historical Alaska MWS index was recalcutated in 2015, following the reccomendation by Wilson and Dau 2015.

Pacific Brant population index, continued.

| | U.S. and Canada | | | | | | Mexico[b] | | | MWS Index | | Izembek Index | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Ak[f] | BC[a] | WA | OR | CA | Subtotal[a] | Baja | Mainland | Subtotal | Annual[c] | 3-yr Avg[c] | Annual[d] | % Juv[d] |
| 1986 | 5,338 | 319 | 12,026 | 1,113 | 706 | 19,502 | 92,525 | 22,200 | 114,725 | 134,227 | 134,227 | 122,673 | 20.6% |
| 1987 | 7,550 | 205 | 14,371 | 1,133 | 736 | 23,995 | 73,825 | 13,088 | 86,913 | 110,908 | 122,568 | 116,131 | 22.3% |
| 1988 | 6,180 | 263 | 19,831 | 1,104 | 947 | 28,325 | 99,066 | 17,630 | 116,696 | 145,021 | 130,052 | 136,765 | 47.9% |
| 1989 | 6,918 | 484 | 18,538 | 871 | 1,033 | 27,844 | 89,600 | 18,121 | 107,721 | 135,565 | 130,498 | 123,822 | 24.0% |
| 1990 | 5,303 | 406 | 13,756 | 1,399 | 992 | 21,856 | 107,545 | 22,320 | 129,865 | 151,721 | 144,102 | 135,041 | 27.3% |
| 1991 | 4,742 | 591 | 16,221 | 1,262 | 1,340 | 24,156 | 88,650 | 19,905 | 108,555 | 132,711 | 139,999 | 123,551 | 23.2% |
| 1992 | 7,043 | 283 | 13,505 | 1,397 | 2,424 | 24,652 | 78,280 | 14,905 | 93,185 | 117,837 | 134,090 | 128,784 | 31.0% |
| 1993 | 8,369 | 180 | 13,058 | 1,254 | 9,415 | 32,276 | 68,280 | 24,444 | 92,724 | 125,000 | 125,183 | 119,531 | 20.8% |
| 1994 | 12,125 | 382 | 13,595 | 666 | 2,299 | 29,067 | 83,130 | 17,135 | 100,265 | 129,332 | 124,056 | 143,768 | 30.3% |
| 1995 | 11,381 | 363 | 20,231 | 708 | 3,987 | 36,670 | 74,060 | 22,755 | 96,815 | 133,485 | 126,414 | 142,701 | 16.9% |
| 1996 | 10,278 | 634 | 6,941 | 644 | 2,008 | 20,505 | 87,280 | 20,205 | 107,485 | 127,990 | 128,952 | 150,946 | 40.0% |
| 1997 | 10,049 | 500 | 9,753 | 669 | 3,598 | 24,569 | 108,018 | 22,720 | 130,738 | 155,307 | 138,927 | 118,188 | 22.8% |
| 1998 | 8,562 | 619 | 10,881 | 580 | 6,091 | 26,733 | 97,805 | 14,300 | 112,105 | 138,838 | 140,712 | 130,252 | 20.8% |
| 1999 | 10,354 | 985 | 15,252 | 645 | 4,296 | 31,532 | 84,965 | 15,795 | 100,760 | 132,292 | 142,146 | 116,512 | 30.1% |
| 2000 | 8,120 | 1,238 | 13,859 | 523 | 3,389 | 27,129 | 92,020 | 16,420 | 108,440 | 135,569 | 135,566 | 131,134 | 24.1% |
| 2001 | 17,790 | 1,254 | 10,197 | 695 | 4,197 | 34,133 | 78,850 | 13,010 | 91,860 | 125,993 | 131,285 | 151,216 | 29.7% |
| 2002 | 13,576 | 1,483 | 13,478 | 552 | 4,092 | 33,181 | 93,995 | 11,055 | 105,050 | 138,231 | 133,264 | 112,554 | 9.5% |
| 2003 | 7,677 | 1,103 | 11,455 | 557 | 3,124 | 23,916 | 74,132 | 8,094 | 82,226 | 106,142 | 123,455 | 115,839 | 22.6% |
| 2004 | 12,756 | 2,117 | 14,544 | 528 | 6,372 | 36,317 | 71,685 | 13,270 | 84,955 | 121,272 | 121,882 | 135,944 | 13.7% |
| 2005 | 12,041 | 1,020 | 14,286 | 609 | 5,224 | 33,180 | 59,960 | 14,068 | 74,028 | 107,208 | 111,541 | 134,474 | 20.4% |
| 2006 | 15,404 | 1,792 | 16,305 | 649 | 5,069 | 39,219 | 87,483 | 14,254 | 101,737 | 140,956 | 123,145 | 152,712 | 36.3% |
| 2007 | 28,533 | 2,078 | 12,712 | 702 | 7,387 | 51,412 | 65,250 | 13,932 | 79,182 | 130,594 | 126,253 | 124,189 | 24.6% |
| 2008 | 27,422 | 1,264 | 19,775 | 370 | 4,827 | 53,658 | 83,856 | 19,443 | 103,299 | 156,957 | 142,836 | 140,897 | 28.1% |
| 2009 | 21,482 | 2,574 | 29,243 | 823 | 6,392 | 60,514 | *no survey conducted* [e] | | | -- | 142,836 | 130,294 | 18.5% |
| 2010 | 28,234 | 2,699 | 23,908 | *no survey* | 13,553 | 68,394 | 71,688 | 23,389 | 95,077 | 163,471 | 150,341 | 144,594 | 30.7% |
| 2011 | 42,937 | 2,414 | 21,457 | *no survey* | 15,610 | 82,418 | 61,153 | 18,897 | 80,050 | 162,468 | 160,965 | 130,091 | 21.1% |
| 2012 | 44,252 | 1,229 | 17,502 | 687 | 2,227 | 65,897 | 101,571 | 9,873 | 111,444 | 177,341 | 167,760 | 126,028 | 22.6% |
| 2013 | 41,821 | 2,204 | 16,454 | 200 | 7,448 | 68,127 | 71,607 | 23,566 | 95,173 | 163,300 | 167,703 | 154,481 | 13.2% |
| 2014 | 48,140 | 2,104 | 17,485 | 511 | 7,916 | 76,156 | 68,290 | 28,869 | 97,159 | 173,315 | 171,319 | 157,781 | 17.0% |
| 2015 | 50,316 | 1,636 | 10,706 | 486 | 4,906 | 68,050 | 44,533 | 23,899 | 68,432 | 136,482 | 157,699 | 171,635 | 17.4% |
| 2016 | 46,772 | 3,364 | 11,811 | 583 | 5,105 | 67,635 | 55,066 | 17,324 | 72,390 | 140,025 | 149,941 | 160,984 | 18.2% |
| 2017 | 44,899 | 3,677 | 15,878 | 405 | 8,765 | 73,624 | 67,386 | 14,710 | 82,096 | 155,720 | 144,076 | 203,735 | 21.0% |
| 2018 | 46,067 | 2,796 | 12,652 | 355 | 2,466 | 64,336 | 54,076 | 14,038 | 68,114 | 132,450 | 142,732 | 154,811 | 13.3% |
| 2019 | 45,377 | 2,065 | 8,194 | 291 | 5,353 | 61,280 | 75,186 | 24,693 | 99,879 | 161,159 | 149,776 | 155,724 | 25.8% |
| Averages: | | | | | | | | | | | | | |
| Long Term | 20,075 | 1,332 | 16,859 | 1,807 | 12,393 | 40,175 | 88,280 | 18,904 | 107,184 | 142,618 | 142,127 | 137,464 | 0 |
| 3-yr | 45,448 | 2,846 | 12,241 | 350 | 5,528 | 66,413 | 65,549 | 17,814 | 83,363 | 149,776 | 145,528 | 171,423 | 0 |
| % Change from: | | | | | | | | | | | | | |
| Long Term | 134.5 | 57.6 | -51.7 | -84.1 | -57.1 | 53.5 | -15.0 | 31.2 | -6.9 | 13.3 | 5.5 | 13.7 | 3.4 |
| 3-yr | -0.2 | -27.4 | -33.1 | -16.9 | -3.2 | -7.7 | 14.7 | 38.6 | 19.8 | 7.6 | 2.9 | -9.2 | 28.7 |
| 2018 | -1.5 | -26.1 | -35.2 | -18.0 | 117.1 | -4.8 | 39.0 | 75.9 | 46.6 | 21.7 | 4.9 | 0.6 | 93.6 |
| Objectives: | 9,000 | 8,000 | 25,000 | 3,000 | 10,000 | 55,000 | | | 107,000 | | 162,000 | | |

[a]In British Columbia, totals for 1984–1991 are Christmas Bird Counts, and from 1992–on are from Canadian Wildlife Service counts.

[b]Aerial surveys were not flown (2009, 2011-2012, 2014–2015) in Mexico due to pilot safety concerns. Instead, ground-counts conducted by Palacios and Avila (including 2013).

[c]Includes Western High Arctic brant. 3-year average considers most recent 3 years of annual counts.

[d]Izembek index from fall before Mid-winter Waterfowl Survey, includes Western High Arctic brant, and was updated Fall 2016 after extensive review. Percent Juveniles represent model-based estimates from NWR ground surveys and will change annually (Ward et al. 2018; Ward and Amundson, USGS, unpublished data).

[e]No survey conducted due to pilot survey concerns.

[f] The historical Alaska MWS index was recalcutated in 2015, following the reccomendation by Wilson and Dau 2015.

Tundra Swan population indices from winter surveys[a] in the Pacific Flyway, 1949–current.

| Year | California | Idaho | Montana | Nevada | Oregon | Utah | Washington | Other states | Total | Unidentified swans[b] |
|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | 15,051 | 72 | 0 | 207 | 636 | 5 | 55 | 40 | 16,066 | - |
| 1950 | 12,729 | 70 | 0 | 2,645 | 668 | 623 | 82 | 12 | 16,829 | - |
| 1951 | 17,041 | 119 | 0 | 2,821 | 548 | 11,145 | 11 | 2 | 31,687 | - |
| 1952 | 17,162 | 47 | 0 | 850 | 556 | 360 | 210 | 35 | 19,220 | - |
| 1953 | 20,226 | 103 | 0 | 5,451 | 1,293 | 429 | 168 | 4 | 27,674 | - |
| 1954 | 13,773 | 102 | 0 | 7,209 | 3,275 | 1,632 | 206 | 9 | 26,206 | - |
| 1955 | 25,397 | 134 | 0 | 5,167 | 1,907 | 1,443 | 675 | 2 | 34,725 | 0 |
| 1956 | 28,679 | 1 | 0 | 1,927 | 7,464 | 7,980 | 196 | 35 | 46,282 | 0 |
| 1957 | 23,263 | 226 | 0 | 13,202 | 3,979 | 1,915 | 332 | 53 | 42,970 | 0 |
| 1958 | 28,322 | 110 | 0 | 10,227 | 5,755 | 4,515 | 1,007 | 10 | 49,946 | 0 |
| 1959 | 20,590 | 230 | 1 | 9,847 | 4,405 | 3,464 | 1,040 | 23 | 39,600 | 0 |
| 1960 | 29,427 | 156 | 4 | 619 | 3,716 | 934 | 606 | 46 | 35,508 | 0 |
| 1961 | 32,232 | 110 | 41 | 455 | 5,741 | 1,492 | 719 | 38 | 40,828 | 0 |
| 1962 | 23,460 | 208 | 11 | 1,068 | 4,880 | 1,266 | 1,443 | 20 | 32,356 | 0 |
| 1963 | 21,820 | 728 | 9 | 1,568 | 4,375 | 16,398 | 1,434 | 18 | 46,350 | 0 |
| 1964 | 27,031 | 164 | 5 | 4,324 | 6,828 | 795 | 1,379 | 19 | 40,545 | 0 |
| 1965 | 25,949 | 127 | 6 | 8,055 | 4,235 | 3,624 | 651 | 2 | 42,649 | 0 |
| 1966 | 18,705 | 303 | 2 | 7,966 | 4,349 | 2,379 | 1,100 | 0 | 34,804 | 1,500 |
| 1967 | 35,907 | 246 | 4 | 5,231 | 5,823 | 864 | 855 | 16 | 48,946 | 0 |
| 1968 | 25,969 | 27 | 9 | 267 | 7,703 | 287 | 1,360 | 8 | 35,630 | 0 |
| 1969 | 66,195 | 69 | 22 | 2,005 | 3,694 | 1,394 | 1,491 | 9 | 74,879 | 0 |
| 1970 | 21,890 | 200 | 3 | 3,758 | 2,945 | 1,577 | 620 | 7 | 31,000 | 0 |
| 1971 | 91,824 | 143 | 12 | 619 | 4,508 | 276 | 1,470 | 4 | 98,856 | 0 |
| 1972 | 74,528 | 93 | 16 | 333 | 6,204 | 269 | 1,402 | 2 | 82,847 | 0 |
| 1973 | 27,628 | 27 | 27 | 99 | 5,285 | 191 | 660 | 0 | 33,917 | 0 |
| 1974 | 61,542 | 110 | 13 | 679 | 4,951 | 1,094 | 1,332 | 47 | 69,768 | 0 |
| 1975 | 45,987 | 100 | 39 | 315 | 6,451 | 130 | 1,850 | 0 | 54,872 | 0 |
| 1976 | 40,675 | 204 | 5 | 2,682 | 6,067 | 375 | 1,342 | 0 | 51,350 | 0 |
| 1977 | 37,920 | 139 | 20 | 1,117 | 6,418 | 254 | 1,401 | 0 | 47,269 | 0 |
| 1978 | 28,960 | 224 | 59 | 405 | 8,943 | 4,816 | 2,190 | 0 | 45,597 | 0 |
| 1979 | 47,730 | 214 | 1 | 205 | 3,917 | 33 | 1,423 | 0 | 53,523 | 0 |
| 1980 | 37,295 | 82 | 8 | 6,240 | 15,271 | 4,276 | 2,037 | 0 | 65,209 | 0 |
| 1981 | 34,945 | 253 | 84 | 5,117 | 5,292 | 33,665 | 4,197 | 0 | 83,553 | 0 |
| 1982 | 79,295 | 261 | 14 | 1,045 | 4,391 | 3,402 | 2,906 | 0 | 91,314 | 0 |
| 1983 | 54,860 | 112 | 22 | 2,791 | 3,752 | 5,425 | 333 | 7 | 67,302 | 112 |
| 1984 | 47,945 | 184 | 12 | 2,372 | 4,779 | 5,604 | 965 | 12 | 61,873 | 0 |
| 1985 | 39,500 | 101 | 139 | 1,575 | 4,769 | 69 | 2,619 | 26 | 48,798 | 493 |
| 1986 | 55,417 | 121 | 0 | 232 | 6,682 | 46 | 3,647 | 12 | 66,157 | 0 |
| 1987 | 30,208 | 228 | 3 | 10,742 | 9,535 | 99 | 1,948 | 35 | 52,798 | 0 |
| 1988 | 50,527 | 49 | 155 | 31 | 4,738 | 12 | 3,661 | 20 | 59,193 | 0 |
| 1989 | 68,482 | 242 | 178 | 92 | 7,511 | 38 | 2,101 | 29 | 78,673 | 0 |
| 1990 | 30,008 | 278 | 149 | 630 | 7,955 | 68 | 939 | 25 | 40,052 | 1,609 |
| 1991 | 38,616 | 55 | 1 | 206 | 6,436 | 56 | 2,248 | 0 | 47,618 | 1,249 |
| 1992 | 45,119 | 137 | 277 | 321 | 14,571 | 103 | 3,209 | 0 | 63,737 | 912 |
| 1993 | 52,632 | 5 | 328 | 284 | 7,868 | 202 | 883 | 0 | 62,202 | 2,816 |
| 1994 | 66,301 | 56 | 293 | 1,266 | 7,228 | 1,646 | 2,616 | 0 | 79,406 | 2,368 |
| 1995[c] | 37,096 | 167 | 258 | 2,120 | 6,779 | 5,190 | 1,332 | 0 | 52,942 | 1,939 |
| 1996 | 66,817 | 148 | 94 | 1,573 | 8,046 | 16,988 | 4,398 | 0 | 98,064 | 6,162 |
| 1997 | 93,696 | 154 | 2 | 2,451 | 14,562 | 8,445 | 3,211 | 0 | 122,521 | 8,974 |
| 1998 | 49,521 | 85 | 85 | 4,804 | 8,699 | 3,398 | 3,424 | 32 | 70,048 | 1,971 |
| 1999 | 103,946 | 110 | 89 | 627 | 9,038 | 3,151 | 2,802 | 14 | 119,777 | 2,216 |
| 2000 | 63,026 | 220 | 331 | 5,916 | 3,409 | 12,378 | 4,342 | 0 | 89,622 | 4,967 |
| 2001 | 65,511 | 174 | 113 | 4,584 | 9,918 | 2,430 | 4,597 | 0 | 87,327 | 3,162 |
| 2002 | 47,432 | 205 | 240 | 981 | 5,157 | 2,130 | 2,521 | 9 | 58,675 | 3,669 |
| 2003 | 73,408 | 178 | 48 | 1,339 | 3,366 | 18,004 | 6,393 | 0 | 102,736 | 4,540 |
| 2004[d] | 66,581 | 0 | 0 | 1,614 | 7,113 | 6,195 | 1,447 | 0 | 82,950 | 6,523 |
| 2005 | 74,205 | 384 | 0 | 456 | 3,885 | 10,366 | 2,778 | 0 | 92,074 | 8,292 |
| 2006 | 79,412 | 243 | 8 | 2,750 | 4,306 | 16,727 | 3,422 | 0 | 106,868 | 6,067 |
| 2007 | 90,136 | 615 | 255 | 3,835 | 2,534 | 8,724 | 3,548 | 0 | 109,647 | 3,900 |
| 2008 | 80,081 | 352 | 64 | 2,266 | 1,368 | 2,041 | 3,570 | 1 | 89,743 | 5,515 |
| 2009 | 97,859 | 4 | 0 | 1,191 | 1,307 | 1,470 | 3,380 | 5 | 105,216 | 5,856 |
| 2010 | 67,408 | 28 | 0 | 351 | 3,238 | 2,455 | 3,211 | 0 | 76,691 | 3,552 |
| 2011[e] | 45,042 | 0 | 0 | 606 | 477 | 634 | 2,544 | 2 | 49,305 | 3,268 |
| 2012[e] | 101,351 | 0 | 0 | 1,480 | 10,081 | 2,018 | 2,247 | 0 | 117,177 | 2,443 |
| 2013[e] | 72,646 | 0 | 0 | 246 | 359 | 417 | 1,652 | 0 | 75,320 | 5,028 |
| 2014 | 66,674 | 0 | 0 | 125 | 263 | 2 | 1,171 | 0 | 68,235 | 6,587 |
| 2015 | 46,985 | 16 | 0 | 375 | 376 | 18,685 | 1,767 | 0 | 68,204 | 11,563 |
| 2016[c] | - | - | 0 | - | 3,857 | 6,831 | 3,654 | - | 14,342 | 5,458 |
| 2017 | 47,799 | - | - | 838 | 2,455 | 19,720 | 588 | - | 71,400 | 8,796 |
| 2018 | 64,482 | - | - | 3,621 | 1,993 | 13,452 | 2,403 | - | 85,951 | 11,324 |
| 2019 | 89,404 | - | - | 1,481 | 921 | 11,241 | 2,068 | - | 105,115 | 11,738 |
| Averages: | | | | | | | | | | |
| Long Term | 48,990 | 150 | 52 | 2,570 | 5,096 | 4,504 | 1,908 | 10 | 62,543 | 2,378 |
| Reliable 3-yr | 67,228 | - | - | 1,980 | 1,790 | 14,804 | 1,686 | - | 87,489 | 10,619 |
| % Change from: | | | | | | | | | | |
| Long Term | 82.5 | - | - | -42.4 | -81.9 | 149.6 | 8.4 | - | 68.1 | 393.6 |
| Reliable 3-yr | 33.0 | - | - | -25.2 | -48.5 | -24.1 | 22.6 | - | 20.1 | 10.5 |
| 2018 | 38.6 | - | - | -59.1 | -53.8 | -16.4 | -13.9 | - | 22.3 | 3.7 |

[a]From Mid-winter Waterfowl Survey (January) results in all states except California, where December surveys have been conducted since 2013, and Nevada and Utah, where December surveys have been conducted and included since 2015.

[b]Most unidentified swans are counted in Oregon and Washington and are not included in the total Tundra Swan index.

[c]California did not survey the Delta in 1995, and no survey was conducted in 2016.

[d]No surveys were conducted in Idaho and Wyoming (Pacific Flyway portion) and the survey was incomplete in Montana during 2004.

[e]Surveys ceased in Idaho after 2010, and the survey was incomplete in Montana and Oregon during 2011–2013.

Cackling Canada Goose abundance indices from periodic mark-resight studies and a June aerial survey on the Yukon-Kuskokwim Delta (YKD), 1985–current.

| | | YKD June aerial survey | | | | | |
|---|---|---|---|---|---|---|---|
| | | Breeding Birds | | Total Birds | | Fall Projected[a] | |
| Year | Mark-resight | Estimate | SE | Estimate | SE | Estimate | SE |
| 1985 | | 10,237 | 870 | 13,834 | 1,084 | 47,346 | 4,334 |
| 1986 | | 10,461 | 552 | 13,010 | 656 | 44,526 | 3,076 |
| 1987 | | 13,332 | 669 | 17,905 | 941 | 61,279 | 4,330 |
| 1988 | | 16,300 | 658 | 24,383 | 1,029 | 83,450 | 5,285 |
| 1989 | 92,062 | 21,420 | 853 | 25,619 | 1,003 | 87,680 | 5,378 |
| 1990 | 94,237 | 21,243 | 831 | 32,978 | 1,352 | 112,866 | 7,057 |
| 1991 | 148,628 | 23,024 | 908 | 29,738 | 1,203 | 101,777 | 6,328 |
| 1992 | 149,542 | 28,644 | 1,096 | 44,588 | 1,768 | 152,601 | 9,408 |
| 1993 | 184,844 | 33,848 | 1,137 | 45,536 | 1,566 | 155,845 | 9,102 |
| 1994 | 198,558 | 41,035 | 1,319 | 64,496 | 2,047 | 220,735 | 12,555 |
| 1995 | 202,969 | 49,330 | 1,862 | 69,729 | 2,418 | 238,645 | 13,978 |
| 1996 | 193,531 | 39,338 | 1,493 | 73,789 | 2,559 | 252,540 | 14,792 |
| 1997 | 256,715 | 49,006 | 1,628 | 87,341 | 2,910 | 298,921 | 17,270 |
| 1998 | 215,644 | 44,500 | 1,824 | 61,898 | 2,473 | 211,843 | 13,102 |
| 1999 | 306,065 | 48,491 | 1,560 | 70,180 | 2,402 | 240,188 | 14,004 |
| 2000 | 273,108 | 51,067 | 1,576 | 72,392 | 2,339 | 247,759 | 14,172 |
| 2001 | 206,249 | 50,019 | 1,760 | 76,756 | 2,831 | 262,694 | 15,737 |
| 2002 | 177,794 | 41,579 | 1,298 | 49,534 | 1,693 | 169,528 | 9,880 |
| 2003 | 251,594 | 42,050 | 1,392 | 70,847 | 2,460 | 242,471 | 14,208 |
| 2004 | | 41,247 | 1,490 | 51,741 | 1,758 | 177,081 | 10,299 |
| 2005 | | 45,205 | 1,682 | 66,598 | 2,398 | 227,929 | 13,532 |
| 2006 | | 49,740 | 1,734 | 74,565 | 2,609 | 255,196 | 14,995 |
| 2007 | | 54,376 | 1,814 | 78,103 | 2,393 | 267,304 | 15,041 |
| 2008 | | 54,257 | 1,850 | 86,074 | 2,788 | 294,585 | 16,863 |
| 2009 | | 54,740 | 1,823 | 70,188 | 2,406 | 240,216 | 14,013 |
| 2010 | | 51,923 | 1,670 | 84,949 | 3,936 | 290,735 | 19,235 |
| 2011 | 242,467 | 44,815 | 1,567 | 56,709 | 1,955 | 194,084 | 11,344 |
| 2012 | 272,493 | 53,227 | 2,098 | 61,636 | 2,371 | 210,947 | 12,846 |
| 2013 | 259,323 | 68,948 | 2,884 | 94,873 | 4,205 | 324,699 | 21,029 |
| 2014 | | 57,116 | 2,444 | 84,144 | 3,687 | 287,979 | 18,551 |
| 2015 | | 60,514 | 2,148 | 106,398 | 4,759 | 364,143 | 23,685 |
| 2016 | | 79,796 | 2,564 | 97,925 | 3,113 | 335,144 | 19,072 |
| 2017 | | 68,167 | 2,032 | 85,310 | 2,664 | 291,970 | 16,523 |
| 2018 | | 55,539 | 1,928 | 60,827 | 2,190 | 208,178 | 12,359 |
| 2019 | | 52,814 | 1,817 | 59,975 | 2,161 | 205,262 | 12,190 |
| Averages: | | | | | | | |
| Long Term | | 43,639 | | 61,845 | | 211,661 | |
| 3-yr | | 58,840 | | 68,704 | | 235,137 | |
| % Change from: | | | | | | | |
| Long Term | | 21.8 | | -3.1 | | -3.1 | |
| 3-yr | | -10.2 | | -12.7 | | -12.7 | |
| 2018 | | -4.9 | | -1.4 | | -1.4 | |

aThe fall estimate was derived by total birds multiplied by a correction factor of 3.422843. The correction factor was derived from the comparison of all mark-resight data vs. total birds.

Dusky Canada Goose abundance indices based on aerial survey data corrected for visibility bias, 1986–current.

| | Copper River Delta | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | | Breeding | | Flocked | | Adjusted[1] | | Middleton | Total | |
| Year | Estimate | SE | Estimate | SE | Estimate | SE | Estimate | SE | Island Adults | Estimate | SE |
| 1986 | 5,439 | 647 | 4,757 | 676 | 682 | 573 | 15,894 | 2,736 | 80 | 16,658 | 2,804 |
| 1987 | 5,236 | 451 | 4,077 | 372 | 1,158 | 296 | 13,624 | 1,816 | 84 | 14,866 | 1,843 |
| 1988 | 4,967 | 409 | 4,302 | 353 | 666 | 151 | 14,374 | 1,827 | 90 | 15,132 | 1,837 |
| 1989 | 6,596 | 802 | 4,397 | 380 | 2,198 | 549 | 14,693 | 1,909 | 75 | 16,966 | 1,991 |
| 1990 | 5,220 | 981 | 4,229 | 681 | 991 | 542 | 14,130 | 2,657 | 93 | 15,216 | 2,721 |
| 1991 | 3,627 | 536 | 2,745 | 459 | 883 | 276 | 9,171 | 1,774 | 249 | 10,305 | 1,801 |
| 1992 | 6,391 | 987 | 4,164 | 333 | 2,227 | 919 | 13,913 | 1,750 | 473 | 16,614 | 1,980 |
| 1993 | 5,999 | 557 | 3,695 | 299 | 2,303 | 571 | 12,347 | 1,561 | 473 | 15,123 | 1,664 |
| 1994 | 5,581 | 441 | 3,927 | 257 | 1,653 | 303 | 13,122 | 1,536 | 473 | 15,249 | 1,568 |
| 1995 | 3,596 | 304 | 3,260 | 236 | 335 | 111 | 10,894 | 1,318 | 473 | 11,702 | 1,326 |
| 1996 | 3,383 | 264 | 2,806 | 176 | 577 | 144 | 9,375 | 1,083 | 1,456 | 11,410 | 1,095 |
| 1997 | 3,862 | 207 | 3,300 | 166 | 562 | 114 | 11,027 | 1,206 | 1,168 | 12,757 | 1,212 |
| 1998 | 4,902 | 355 | 3,595 | 214 | 1,307 | 267 | 12,011 | 1,368 | 1,168 | 14,488 | 1,396 |
| 1999 | 3,014 | 208 | 2,589 | 161 | 424 | 102 | 8,651 | 997 | 1,168 | 10,243 | 1,004 |
| 2000 | 2,884 | 175 | 2,460 | 150 | 424 | 92 | 8,220 | 943 | 1,309 | 9,953 | 948 |
| 2001 | 3,164 | 203 | 2,789 | 176 | 375 | 91 | 9,318 | 1,079 | 1,309 | 11,004 | 1,084 |
| 2002 | 3,908 | 284 | 3,021 | 178 | 887 | 187 | 10,093 | 1,146 | 1,416 | 12,398 | 1,163 |
| 2003 | 3,169 | 227 | 3,266 | 126 | 903 | 150 | 7,570 | 846 | 1,416 | 13,233 | 1,151 |
| 2004 | 3,190 | 233 | 2,774 | 187 | 416 | 102 | 9,268 | 1,095 | 1,499 | 11,185 | 1,102 |
| 2005 | 5,282 | 659 | 4,134 | 425 | 1,147 | 362 | 13,814 | 1,953 | 1,499 | 16,460 | 1,991 |
| 2006 | 3,095 | 226 | 2,682 | 196 | 412 | 131 | 8,962 | 1,089 | 1,453 | 10,827 | 1,099 |
| 2007 | 2,878 | 212 | 2,469 | 170 | 408 | 84 | 8,250 | 982 | 1,453 | 10,111 | 987 |
| 2008 | 2,532 | 188 | 2,260 | 161 | 272 | 68 | 7,550 | 909 | 1,317 | 9,141 | 913 |
| 2009 | 1,754 | 174 | 1,492 | 107 | 262 | 116 | 4,984 | 602 | 1,317 | 6,565 | 614 |
| 2010 | 2,690 | 191 | 2,305 | 135 | 384 | 94 | 7,702 | 873 | 1,249 | 9,335 | 879 |
| 2011 | 3,577 | 346 | 2,768 | 197 | 808 | 208 | 9,250 | 1,114 | 1,249 | 11,307 | 1,134 |
| 2012 | 3,880 | 325 | 3,314 | 236 | 566 | 130 | 11,072 | 1,333 | 1,188 | 12,828 | 1,342 |
| 2013[2] | | | | | | | | | | | |
| 2014 | 4,512 | 353 | 3,511 | 232 | 1,001 | 251 | 11,731 | 1,379 | 1,780 | 14,513 | 1,402 |
| 2015 | 6,033 | 514 | 4,195 | 267 | 1,838 | 398 | 14,016 | 1,626 | 2,408 | 18,264 | 1,677 |
| 2016 | 4,194 | 371 | 3,616 | 311 | 579 | 144 | 12,082 | 1,566 | 3,490 | 16,152 | 1,577 |
| 2017 | 3,852 | 346 | 3,266 | 277 | 586 | 241 | 10,912 | 1,408 | 2,365 | 13,865 | 1,430 |
| 2018 | 3,185 | 314 | 2,272 | 141 | 914 | 257 | 7,590 | 875 | 3,130 | 11,636 | 913 |
| 2019 | 6,884 | 2,055 | 3,295 | 301 | 3,588 | 2,019 | 11,009 | 1,468 | 3,130 | 17,729 | 2,498 |
| Averages: | | | | | | | | | | | |
| Long Term | 4,196 | | 3,265 | | 962 | | 10,807 | | 1,258 | 13,128 | |
| 3-yr | 4,640 | | 2,944 | | 1,696 | | 9,837 | | 2,875 | 14,410 | |
| % Change from: | | | | | | | | | | | |
| Long Term | 67.4 | | 1.0 | | 307.9 | | 1.9 | | 161.0 | 36.5 | |
| 3-yr | 48.4 | | 11.9 | | 111.6 | | 11.9 | | 8.9 | 23.0 | |
| 2018 | 116.1 | | 45.0 | | 292.6 | | 45.0 | | 0.0 | 52.4 | |

[1]Represents the Copper River Delta Breeding geese multiplied by a visability correction factor of 3.3416, plus Flocked geese.

[2]No survey conducted.

Aleutian Canada Goose abundance indices from direct count and mark-resight methods, 1975–current.

| Year | Estimate | SE | L95% C.I. | U95% C.I. | Method |
|---|---|---|---|---|---|
| 1975 | 790 | | | | Direct count |
| 1976 | 900 | | | | Direct count |
| 1977 | 1,280 | | | | Direct count |
| 1978 | 1,500 | | | | Direct count |
| 1979 | 1,590 | | | | Direct count |
| 1980 | 1,740 | | | | Direct count |
| 1981 | 2,000 | | | | Direct count |
| 1982 | 2,700 | | | | Direct count |
| 1983 | 3,500 | | | | Direct count |
| 1984 | 3,800 | | | | Direct count |
| 1985 | 4,200 | | | | Direct count |
| 1986 | 4,300 | | | | Direct count |
| 1987 | 5,000 | | | | Direct count |
| 1988 | 5,400 | | | | Direct count |
| 1989 | 5,800 | | | | Direct count |
| 1990 | 6,300 | | | | Direct count |
| 1991 | 7,000 | | | | Direct count |
| 1992 | 7,680 | | | | Direct count |
| 1993 | 11,680 | | | | Direct count |
| 1994 | 15,700 | | | | Direct count |
| 1995 | 19,150 | | | | Direct count |
| 1996[a] | 21,420 | | | | Direct count |
| 1997[a] | 22,800 | | | | Direct count |
| 1998[a] | 27,600 | | | | Direct count |
| 1999[a] | 15,451 | 558 | 14,357 | 16,544 | Mark-resight |
| 2000[a] | 20,392 | 763 | 18,898 | 21,887 | Mark-resight |
| 2001[a] | 32,440 | 1,070 | 30,343 | 34,536 | Mark-resight |
| 1999 | 35,336 | 3,120 | 29,220 | 41,452 | Mark-resight |
| 2000 | 34,182 | 1,339 | 31,557 | 36,806 | Mark-resight |
| 2001 | 88,292 | 18,736 | 51,570 | 125,014 | Mark-resight |
| 2002 | 65,211 | 12,822 | 39,963 | 90,459 | Mark-resight |
| 2003 | 73,030 | 2,761 | 67,618 | 78,441 | Mark-resight |
| 2004 | 111,091 | 4,375 | 102,517 | 119,666 | Mark-resight |
| 2005 | 87,841 | 4,841 | 78,353 | 97,329 | Mark-resight |
| 2006 | 97,224 | 4,524 | 88,358 | 106,091 | Mark-resight |
| 2007 | 117,347 | 9,797 | 98,144 | 136,550 | Mark-resight |
| 2008 | 116,119 | 7,438 | 101,539 | 130,698 | Mark-resight |
| 2009 | 81,766 | 13,347 | 55,605 | 107,926 | Mark-resight |
| 2010 | 106,691 | 8,986 | 89,078 | 124,305 | Mark-resight |
| 2011 | 105,271 | 8,405 | 88,797 | 121,745 | Mark-resight |
| 2012 | 135,915 | 10,925 | 114,501 | 157,328 | Mark-resight |
| 2013 | 166,292 | 15,857 | 135,213 | 197,371 | Mark-resight |
| 2014 | 149,968 | 13,087 | 124,318 | 175,618 | Mark-resight |
| 2015 | 197,725 | 17,822 | 162,794 | 232,656 | Mark-resight |
| 2016 | 154,659 | 13,368 | 128,459 | 180,860 | Mark-resight |
| 2017 | 168,548 | 20,345 | 128,671 | 208,424 | Mark-resight |
| 2018 | 171,334 | 16,229 | 139,526 | 203,142 | Mark-resight |
| 2019 | 198,905 | 27,657 | 144,697 | 253,113 | Mark-resight |
| Averages: | | | | | |
| Long Term | 56,560 | 9,924 | 86,004 | 124,915 | |
| 3-yr | 179,596 | 21,410 | 137,631 | 221,560 | |
| % Change from: | | | | | |
| Long Term | 271.6 | 202.2 | 73.4 | 112.1 | |
| 3-yr | 10.8 | 29.2 | 5.1 | 14.2 | |
| 2018 | 16.1 | 70.4 | 3.7 | 24.6 | |

[a]Methods overlapped by three years.

**Pacific White-fronted Goose abundance indices from breeding pair surveys in Alaska (Yukon-Kuskokwim Delta Coastal Zone Survey and Alaska-Yukon Waterfowl Breeding Population and Habitat Survey) and fall counts in California, 1979–current.**

| | Yukon-Kuskokwim | | | | Projected fall | |
|---|---|---|---|---|---|---|
| Year | Delta | Interior | Bristol Bay | Total | population[b] | Fall Survey[a] |
| 1979 | | | | | | 73,100 |
| 1980 | | | | | | 93,500 |
| 1981 | | | | | | 116,500 |
| 1982 | | | | | | 91,700 |
| 1983 | | | | | | 112,900 |
| 1984 | | | | | | 100,200 |
| 1985 | 18,914 | 12,082 | 5,050 | 36,046 | 163,249 | 93,900 |
| 1986 | 13,400 | 10,019 | 4,266 | 27,685 | 141,930 | 107,100 |
| 1987 | 15,717 | 7,564 | 3,657 | 26,938 | 140,026 | 130,600 |
| 1988 | 27,191 | 14,145 | 3,918 | 45,254 | 186,728 | 124,690 |
| 1989 | 28,004 | 16,307 | 5,398 | 49,709 | 198,087 | 263,350 |
| 1990 | 37,836 | 18,468 | 2,003 | 58,307 | 220,010 | 237,050 |
| 1991 | 31,286 | 13,262 | 4,527 | 49,075 | 196,470 | 215,655 |
| 1992 | 34,671 | 16,110 | 7,052 | 57,833 | 218,802 | 230,675 |
| 1993 | 39,748 | 22,790 | 1,306 | 63,844 | 234,128 | 253,820 |
| 1994 | 56,513 | 12,966 | 4,092 | 73,571 | 258,930 | 298,930 |
| 1995 | 77,710 | 10,215 | 2,612 | 90,537 | 302,190 | 251,970 |
| 1996 | 78,032 | 36,543 | 4,353 | 118,928 | 374,582 | 350,850 |
| 1997 | 83,215 | 30,452 | 3,657 | 117,324 | 370,492 | 318,954 |
| 1998 | 87,881 | 34,381 | 1,915 | 124,177 | 387,966 | 413,100 |
| 1999 | 95,040 | 27,800 | 3,483 | 126,323 | 393,437 | 285,514 |
| 2000 | 91,911 | 16,798 | 1,654 | 110,363 | 352,743 | 284,044 |
| 2001 | 113,603 | 24,460 | 6,095 | 144,158 | 438,913 | 337,848 |
| 2002 | 90,407 | 17,387 | 5,311 | 113,105 | 359,734 | 402,565 |
| 2003 | 117,951 | 17,387 | 2,177 | 137,515 | 421,975 | 424,900 |
| 2004 | 100,622 | 16,601 | 1,828 | 119,051 | 374,895 | 337,971 |
| 2005 | 121,017 | 18,566 | 6,530 | 146,113 | 443,898 | 508,890 |
| 2006 | 138,067 | 28,979 | 4,702 | 171,748 | 509,262 | 426,300 |
| 2007 | 178,515 | 28,488 | 2,177 | 209,180 | 604,706 | 476,009 |
| 2008 | 161,979 | 54,913 | 1,045 | 217,937 | 627,035 | 602,699 |
| 2009 | 144,678 | 32,712 | 5,137 | 182,527 | 536,746 | 457,802 |
| 2010 | 174,556 | 44,402 | 7,923 | 226,881 | 649,840 | 783,648 |
| 2011 | 168,925 | 33,989 | 6,095 | 209,009 | 604,270 | 646,501 |
| 2012 | 181,519 | 47,250 | 3,744 | 232,513 | 664,201 | 831,955 |
| 2013 | 164,399 | 29,568 | 5,485 | 199,452 | 579,902 | No Survey |
| 2014 | 205,081 | 16,503 | 348 | 221,932 | 637,221 | 663,257 |
| 2015 | 140,313 | 18,468 | 1,132 | 159,913 | 479,085 | 634,478 |
| 2016 | 206,503 | 31,042 | 3,309 | 240,854 | 685,469 | 727,419 |
| 2017 | 216,219 | 43,616 | 697 | 260,532 | 735,643 | 743,488 |
| 2018 | 190,586 | 11,788 | 1,045 | 203,419 | 590,017 | 646,965 |
| 2019 | 144,387 | 14,735 | 871 | 159,993 | 479,289 | |
| Averages: | | | | | | |
| Long Term | 107,897 | 23,736 | 3,560 | 135,193 | 416,053 | 409,482 |
| 3-yr | 183,731 | 23,380 | 871 | 207,981 | 601,650 | 695,227 |
| % Change from: | | | | | | |
| Long Term | 35.2 | -38.6 | -76.1 | 19.0 | 15.7 | -100.0 |
| 3-yr | -21.4 | -37.0 | 0.0 | -23.1 | -20.3 | -100.0 |
| 2018 | -24.2 | 25.0 | -16.7 | -21.3 | -18.8 | -100.0 |

[a]Fall surveys were initiated in 1979 and guided management actions until 1998. Management actions after 1998 were based on total indicated birds (AK Total) from the breeding ground survey and a factor derived from the historic relationship between the fall survey and breeding ground survey (1985–1998). Timing of the Fall survey is as follows: 1979–1988 (November) and 1989–2015 (October).

[b]Projected fall population = (Alaska total * 2.5498) + 71,339.

White Goose (Snow Goose and Ross's Goose) abundance indices from the California Special white goose survey and Skagit-Fraser photo inventory conducted in December, 1979–current, and the Oregon Winter light goose and tundra swan survey, conducted in January, 2016–current.

| Year | Skagit-Fraser | WA/OR (East)[1] | WA/OR (West)[1] | Oregon | California | Total |
|---|---|---|---|---|---|---|
| 1979 | 35,600 | | | | 492,500 | 528,100 |
| 1980 | 22,400 | | | | 181,800 | 204,200 |
| 1981 | 48,600 | | | | 711,300 | 759,900 |
| 1982 | 26,100 | | | | 328,000 | 354,100 |
| 1983 | 24,500 | | | | 523,100 | 547,600 |
| 1984 | 26,600 | | | | 439,700 | 466,300 |
| 1985 | 46,200 | | | | 503,600 | 549,800 |
| 1986 | 39,900 | | | | 481,800 | 521,700 |
| 1987 | 47,700 | | | | 477,600 | 525,300 |
| 1988 | 43,800 | | | | 397,200 | 441,000 |
| 1989 | 32,200 | | | | 431,700 | 463,900 |
| 1990 | 31,700 | | | | 676,800 | 708,500 |
| 1991 | 39,100 | | | | 651,000 | 690,100 |
| 1992 | 34,300 | | | | 605,000 | 639,300 |
| 1993 | 49,100 | | | | 520,100 | 569,200 |
| 1994 | 42,600 | | | | 435,600 | 478,200 |
| 1995 | 37,000 | | | | 464,400 | 501,400 |
| 1996 | 45,800 | | | | 320,500 | 366,300 |
| 1997 | 47,000 | | | | 369,400 | 416,400 |
| 1998 | 47,100 | | | | 307,200 | 354,300 |
| 1999 | 28,600 | | | | 550,400 | 579,000 |
| 2000 | 56,300 | | | | 600,500 | 656,800 |
| 2001 | 52,000 | | | | 396,200 | 448,200 |
| 2002 | 73,100 | | | | 523,700 | 596,800 |
| 2003 | 66,800 | | | | 521,000 | 587,800 |
| 2004 | 68,141 | | | | 682,128 | 750,269 |
| 2005 | 80,040 | | | | 630,686 | 710,726 |
| 2006 | 79,891 | | | | 719,810 | 799,701 |
| 2007 | 94,859 | | | | 978,622 | 1,073,481 |
| 2008 | 57,000 | | | | 900,403 | 957,403 |
| 2009 | 73,964 | | | | 827,055 | 901,019 |
| 2010 | 63,641 | | | | 800,156 | 863,797 |
| 2011 | 69,964 | | | | 1,027,887 | 1,097,851 |
| 2012 | 56,973 | | | | 824,432 | 881,405 |
| 2013 | 75,313 | | | | 1,275,890 | 1,351,203 |
| 2014 | 58,007 | | | | 1,141,579 | 1,199,586 |
| 2015[c] | 66,501 | 7,930 | 11,892 | 44 | | |
| 2016 | 103,617 | 15,447 | 14,215 | 16 | 1,773,493 | 1,906,788 |
| 2017 | 86,553 | 33,274 | 18,080 | 0 | 1,217,295 | 1,355,202 |
| 2018 | 109,993 | 52,841 | 18,241 | 26 | 1,232,663 | 1,413,764 |
| Averages: | | | | | | |
| Long Term | 54,714 | 27,373 | 15,607 | 22 | 665,185 | 723,497 |
| 3-yr | 100,054 | 33,854 | 16,845 | 14 | 1,407,817 | 1,558,585 |
| % Change from: | | | | | | |
| Long Term | 106.4 | 179.8 | 23.8 | 30.0 | 89.6 | 100.4 |
| 3-yr | 28.6 | 179.8 | 23.8 | 30.0 | -17.6 | -13.3 |
| 2017 | 27.1 | 58.8 | 0.9 | | 1.3 | 4.3 |

[1]White geese counted by ODFW along the Columbia River frequently use both states on a weekly basis.

Snow Goose population and productivity indices from Wrangel Island, Russia, 1966–current.

| | Population | | | | Nesting | | | Brood Size | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Year | Adults | Breeding adults | % Juvenile | Total spring | Nests | % Successful | Clutch Size | At Nesting colony | At brood rearing area | Colony Size (ha) |
| 1966 | | | | | | | 3.6 | | | |
| 1967 | | | | | | | 4.9 | | | |
| 1968 | | | | | | | | | | |
| 1969 | | 114,000 | | | 58,200 | | 3.7 | | | 1,962 |
| 1970 | 120,000 | 120,000 | 20.0 | 150,000 | 60,000 | 96.0 | 3.7 | 3.5 | 2.5 | 2,600 |
| 1971 | 120,000 | 24,000 | 9.1 | 132,000 | 12,000 | 55.0 | 4.7 | 3.4 | 2.3 | 825 |
| 1972 | 106,000 | 36,000 | 0.6 | 107,000 | 18,000 | 45.0 | 4.2 | 3.5 | 2.3 | 950 |
| 1973 | 85,900 | 12,000 | 0.0 | 86,000 | 6,000 | 67.0 | 6.0 | 3.9 | | 200 |
| 1974 | 69,500 | 32,000 | 0.7 | 70,000 | 15,000 | 0.0 | 4.7 | | | 800 |
| 1975 | 56,000 | 56,000 | 0.0 | 56,000 | 28,000 | 74.4 | 3.8 | 3.4 | 2.4 | |
| 1976 | 46,000 | 46,000 | 20.7 | 58,000 | 23,000 | 79.0 | 3.7 | 3.2 | 2.8 | 1,840 |
| 1977 | 57,200 | 10,000 | 16.1 | 68,200 | 5,000 | 76.8 | 5.0 | 3.7 | | 400 |
| 1978 | 64,900 | 42,000 | 0.8 | 65,400 | 21,000 | 80.0 | 4.2 | 3.7 | 2.4 | 2,200 |
| 1979 | 62,100 | 60,000 | 26.5 | 84,500 | 30,000 | 90.0 | 3.8 | 3.6 | | 1,860 |
| 1980 | 80,300 | 20,000 | 11.5 | 90,700 | 10,000 | 70.0 | 5.4 | 3.3 | | 315 |
| 1981 | 86,200 | 78,000 | 3.2 | 89,000 | 39,000 | 95.0 | 4.0 | 3.7 | 3.1 | 2,118 |
| 1982 | 81,000 | 28,000 | 18.5 | 100,000 | 14,000 | 65.0 | 4.1 | 3.2 | 2.8 | 688 |
| 1983 | 92,800 | 3,400 | 2.4 | 95,000 | 1,700 | 5.9 | 4.8 | | | 125 |
| 1984 | 85,000 | 42,000 | 0.0 | 85,000 | 21,000 | 83.3 | 3.7 | 3.2 | 2.1 | 1,500 |
| 1985 | 80,000 | 50,000 | 5.4 | 85,000 | 25,000 | 87.7 | 3.7 | 3.2 | 2.4 | 1,457 |
| 1986 | 70,000 | 58,000 | 20.4 | 90,000 | 29,000 | 90.0 | 3.9 | 3.6 | 3.2 | 2,100 |
| 1987 | 85,000 | 47,000 | 15.0 | 100,000 | 23,500 | 80.0 | 3.7 | 3.4 | 2.8 | 1,900 |
| 1988 | 80,000 | 13,000 | 17.7 | 80,000 | 6,500 | 51.0 | 5.2 | 3.4 | 2.7 | 675 |
| 1989 | 70,000 | 60,000 | 1.4 | 70,000 | 30,000 | 60.0 | 3.8 | 3.3 | | 1,025 |
| 1990 | 60,000 | 53,000 | 0.0 | 60,000 | 26,500 | 49.2 | 3.8 | 3.2 | 2.2 | 940 |
| 1991 | 56,000 | 41,600 | 6.6 | 60,000 | 20,800 | 82.0 | 4.1 | 3.4 | 2.7 | 888 |
| 1992 | 56,000 | 46,200 | 20.0 | 70,000 | 23,100 | 70.1 | 4.0 | 3.5 | 3.5 | 742 |
| 1993 | 64,500 | 52,200 | 0.8 | 65,000 | 26,100 | 85.1 | 3.9 | 3.2 | | 910 |
| 1994 | 52,500 | 30,000 | 25.0 | 70,000 | 15,000 | 13.0 | 2.8 | 2.1 | | 1,000 |
| 1995 | 64,000 | 8,800 | 0.8 | 65,000 | 4,400 | 50.0 | 4.7 | 2.8 | | 430 |
| 1996 | 75,000 | 75,400 | 0.0 | 75,000 | 37,700 | 75.4 | | 3.7 | 2.4 | 740 |
| 1997 | 70,000 | 55,200 | 15.0 | 85,000 | 22,600 | 71.2 | 4.0 | 3.5 | | 628 |
| 1998 | 80,000 | 31,800 | 10.0 | 90,000 | 15,900 | 66.0 | 4.6 | 3.5 | | 750 |
| 1999 | 85,000 | 20,800 | 5.6 | 90,000 | 10,400 | 75.0 | 4.7 | 3.3 | | 278 |
| 2000 | 87,400 | 49,600 | 8.0 | 95,000 | 24,800 | 87.8 | 3.5 | 3.2 | 2.8 | 738 |
| 2001 | 92,400 | 48,000 | 12.0 | 105,000 | 24,000 | 87.0 | 3.6 | 3.2 | 2.3 | 900 |
| 2002 | | 60,600 | | 110,000 | 30,300 | 81.5 | 4.0 | 3.5 | 3.0 | 855 |
| 2003 | | 55,000 | | 115,000 | 27,500 | 77.5 | | | 2.2 | 900 |
| 2004 | 111,700 | 56,800 | 4.9 | 117,500 | 28,400 | 75.0 | 3.6 | 3.2 | | 838 |
| 2005 | | 95,800 | | 117,500 | 47,900 | 82.3 | 4.2 | 3.7 | 3.3 | 900 |
| 2006 | 100,800 | 93,200 | 23.9 | 132,500 | 46,600 | 87.7 | 4.0 | 3.7 | 3.2 | 875 |
| 2007 | | 79,000 | | 140,000 | 39,500 | 84.4 | 4.0 | 3.5 | 3.1 | 1,100 |
| 2008 | | 35,000 | | 140,000 | 10,000 | 35.0 | 4.2 | 2.6 | | 500 |
| 2009 | | 108,800 | | 132,500 | 54,400 | 79.5 | 4.1 | 3.6 | | 1,600 |
| 2010 | 127,000 | 25,000 | | 150,000 | 8,000 | | 3.6 | 2.7 | | 500 |
| 2011 | 144,800 | 143,000 | 3.5 | 155,000 | 71,200 | 81.0 | 4.2 | 3.7 | | 1,400 |
| 2012[a] | | | | | | | | | | |
| 2013 | | | | 160,000 | 78,300 | 75.8 | 3.7 | 3.2 | 2.7 | 1,063 |
| 2014[a] | | | | | | | | | | |
| 2015 | 228,500 | 215,400 | 4.8 | 240,000 | 107,700 | 89.1 | 4.0 | 3.7 | | 2,680 |
| 2016 | 251,000 | 237,000 | 20.0 | 300,000 | 118,600 | 89.5 | 3.9 | 3.7 | | 3,240 |
| 2017 | 294,800 | 201,500 | 14.8 | 346,000 | 109,500 | 75.5 | 3.7 | 3.4 | 2.7 | 2,810 |
| 2018 | 297,000 | 281,800 | 3.2 | 306,000 | 76,650 | 73.9 | 4.8 | 3.6 | | 2,435 |
| 2019 | | | | 442,000 | 156,600 | 93.7 | 4.1 | | | |
| Averages: | | | | | | | | | | |
| Long Term | 99,908 | 67,062 | 9.5 | 120,746 | 35,477 | 71.2 | 4.1 | 3.4 | 2.7 | 1,195 |
| 3-yr | 295,900 | 241,650 | 9.0 | 364,667 | 114,250 | 81.0 | 4.2 | 3.5 | 2.7 | 2,623 |
| % Change from: | | | | | | | | | | |
| Long Term | -100.0 | -100.0 | -100.0 | 288.0 | 375.2 | 32.6 | -0.8 | -100.0 | -100.0 | -100.0 |
| 3-yr | -100.0 | -100.0 | -100.0 | 21.2 | 37.1 | 15.6 | -2.3 | -100.0 | -100.0 | -100.0 |
| 2018 | -100.0 | -100.0 | -100.0 | 44.4 | 104.3 | 26.8 | -14.8 | -100.0 | #DIV/0! | -100.0 |

[a]Data were not gathered in 2012 or 2014.

**Pair and total breeding population indices for Emperor Goose, Black Brant, Taverner's Canada Goose, Sandhill Crane, and Tundra Swan on the Yukon-Kuskokwim Delta Coastal Zone, 1985–current.**

| | Emperor Goose | | | | Black Brant | | Taverner's Canada Goose | | Sandhill Crane | | Tundra Swan | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Pairs[a] | SE | Total[b] | SE | Pairs[a] | Total[b] | Pairs[a] | Total[b] | Pairs[a] | Total[b] | Pairs[a] | Total[b] | Nests[c] |
| 1985 | 8,879 | 620 | 18,801 | 1,596 | 1,166 | 4,590 | 4,164 | 5,407 | | | 12,154 | 26,551 | 2,471 |
| 1986 | 6,959 | 435 | 11,552 | 732 | 1,939 | 13,070 | 3,737 | 4,983 | | | 12,886 | 21,142 | 3,093 |
| 1987 | 7,303 | 587 | 10,898 | 942 | 4,091 | 12,413 | 3,410 | 4,416 | 8,288 | 9,084 | 10,290 | 20,754 | 2,177 |
| 1988 | 6,634 | 493 | 13,416 | 815 | 3,779 | 20,205 | 4,713 | 8,405 | 7,523 | 11,007 | 12,809 | 23,274 | 3,159 |
| 1989 | 8,273 | 487 | 14,508 | 834 | 4,288 | 26,822 | 7,129 | 8,851 | 8,675 | 12,268 | 11,845 | 33,298 | 2,613 |
| 1990 | 7,660 | 508 | 15,186 | 918 | 3,094 | 29,832 | 6,780 | 8,032 | 8,974 | 13,312 | 12,163 | 28,141 | 2,802 |
| 1991 | 5,607 | 340 | 12,557 | 974 | 4,392 | 21,557 | 5,356 | 7,086 | 8,574 | 15,108 | 10,600 | 18,144 | 2,442 |
| 1992 | 8,020 | 486 | 13,268 | 707 | 5,973 | 19,531 | 5,238 | 8,292 | 8,044 | 12,084 | 12,302 | 18,686 | 3,009 |
| 1993 | 8,600 | 621 | 15,539 | 1,005 | 4,431 | 31,556 | 6,521 | 8,646 | 10,308 | 13,618 | 11,911 | 19,769 | 2,818 |
| 1994 | 10,558 | 547 | 17,101 | 842 | 5,662 | 30,488 | 5,670 | 7,151 | 8,784 | 11,509 | 12,734 | 18,333 | 3,086 |
| 1995 | 11,635 | 619 | 17,463 | 872 | 5,771 | 34,042 | 5,918 | 6,613 | 10,571 | 11,852 | 16,047 | 22,532 | 3,560 |
| 1996 | 11,593 | 484 | 23,578 | 2,284 | 5,541 | 29,078 | 3,924 | 6,613 | 6,255 | 12,702 | 16,764 | 22,654 | 3,975 |
| 1997 | 12,358 | 613 | 22,533 | 1,306 | 6,710 | 30,452 | 4,532 | 6,697 | 7,256 | 9,343 | 17,454 | 28,055 | 4,034 |
| 1998 | 14,283 | 791 | 19,829 | 1,061 | 7,902 | 20,608 | 6,856 | 8,691 | 11,059 | 16,879 | 18,099 | 35,670 | 4,964 |
| 1999 | 15,369 | 981 | 20,277 | 1,209 | 8,705 | 21,102 | 7,778 | 12,923 | 10,233 | 12,627 | 19,298 | 24,211 | 4,601 |
| 2000 | 11,793 | 528 | 17,300 | 724 | 7,900 | 24,640 | 7,674 | 9,825 | 9,571 | 11,650 | 18,455 | 26,458 | 4,494 |
| 2001 | 17,365 | 768 | 27,674 | 1,182 | 5,356 | 30,592 | 6,152 | 7,814 | 9,174 | 10,446 | 14,545 | 21,553 | 3,147 |
| 2002 | 15,546 | 957 | 19,258 | 1,029 | 8,990 | 19,633 | 4,999 | 6,094 | 7,630 | 8,110 | 19,715 | 29,329 | 5,713 |
| 2003 | 12,138 | 685 | 20,914 | 1,350 | 3,568 | 20,023 | 5,301 | 9,014 | 6,891 | 9,938 | 13,939 | 22,004 | 4,646 |
| 2004 | 14,433 | 657 | 21,514 | 868 | 7,363 | 19,172 | 4,609 | 7,685 | 7,322 | 9,799 | 17,044 | 26,256 | 5,301 |
| 2005 | 15,026 | 709 | 20,740 | 1,178 | 5,684 | 20,667 | 4,128 | 6,829 | 7,161 | 10,094 | 14,354 | 23,599 | 3,360 |
| 2006 | 17,793 | 782 | 26,658 | 1,396 | 10,909 | 19,197 | 6,631 | 9,524 | 8,613 | 11,318 | 22,419 | 31,298 | 4,224 |
| 2007 | 15,600 | 906 | 26,307 | 1,607 | 9,065 | 19,896 | 3,891 | 5,861 | 8,043 | 8,578 | 20,179 | 30,432 | 4,074 |
| 2008 | 16,436 | 626 | 22,543 | 934 | 12,673 | 28,362 | 5,955 | 10,599 | 8,198 | 10,104 | 20,005 | 32,087 | 3,649 |
| 2009 | 13,681 | 515 | 20,498 | 840 | 8,854 | 23,000 | 4,300 | 7,716 | 8,889 | 11,895 | 19,308 | 26,694 | 3,808 |
| 2010 | 13,938 | 567 | 19,905 | 921 | 8,263 | 23,108 | 7,068 | 9,148 | 10,743 | 12,672 | 20,225 | 36,775 | 4,678 |
| 2011 | 14,934 | 642 | 21,320 | 1,013 | 12,396 | 16,262 | 4,584 | 5,949 | 7,762 | 8,658 | 21,345 | 29,568 | 5,974 |
| 2012 | 17,550 | 1,201 | 20,627 | 1,406 | 17,555 | 21,650 | 6,853 | 9,220 | 11,155 | 13,265 | 25,882 | 38,593 | 4,275 |
| 2013 | 19,520 | 1,141 | 29,876 | 1,844 | 12,953 | 23,867 | 4,106 | 9,363 | 7,582 | 8,402 | 17,679 | 19,445 | 3,643 |
| 2014 | 16,073 | 1,031 | 31,816 | 2,795 | 3,858 | 23,163 | 8,844 | 13,044 | 7,811 | 9,700 | 17,250 | 26,829 | 4,965 |
| 2015 | 15,852 | 763 | 28,638 | 1,448 | 3,971 | 20,858 | 8,977 | 20,014 | 7,155 | 9,380 | 13,056 | 27,249 | 3,448 |
| 2016 | 27,462 | 1,106 | 34,242 | 2,033 | 13,521 | 29,738 | 6,553 | 8,422 | 11,881 | 17,099 | 18,614 | 30,122 | 5,081 |
| 2017 | 24,984 | 1,294 | 30,089 | 1,457 | 11,720 | 21,038 | 6,869 | 9,526 | 10,976 | 13,959 | 17,779 | 27,031 | 5,309 |
| 2018 | 28,561 | 1,472 | 30,233 | 1,537 | 15,186 | 26,136 | 13,333 | 15,680 | 11,489 | 15,374 | 23,522 | 32,295 | 5,087 |
| 2019 | 24,120 | 1,098 | 26,585 | 1,237 | 13,531 | 22,101 | 9,936 | 11,258 | 11,571 | 12,654 | 24,936 | 34,687 | |
| Averages: | | | | | | | | | | | | | |
| Long Term | 14,187 | | 21,236 | | 7,622 | 22,813 | 6,071 | 8,725 | 8,914 | 11,651 | 16,789 | 26,672 | 3,932 |
| 3-yr | 25,888 | | 28,969 | | 13,479 | 23,092 | 10,046 | 12,155 | 11,345 | 13,996 | 22,079 | 31,338 | 5,198 |
| % Change from: | | | | | | | | | | | | | |
| Long Term | 73.6 | | 26.1 | | 81.7 | -3.2 | 66.8 | 30.1 | 31.0 | 8.9 | 50.7 | 31.2 | -100.0 |
| 3-yr | -10.7 | | -15.7 | | 0.4 | -13.8 | 11.4 | 0.4 | 1.1 | -18.2 | 24.9 | 16.3 | -100.0 |
| 2018 | -15.5 | | -12.1 | | -10.9 | -15.4 | -25.5 | -28.2 | 0.7 | -17.7 | 6.0 | 7.4 | -100.0 |

[a]Pairs = 2 x (singles + pairs)
[b]Total = 2 x (singles + pairs) + birds in flocks
[c]Nests = number of active nest observations

Rocky Mountain Population of Sandhill Crane abundance indices and harvest allocation.

| Year | Fall Population Index | 3-yr Average | Proportion Fledglings | Fledglings (3-Yr. Avg.) | **Allowable Harvest** | **State allocation of allowable harvest[a,b]** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Idaho | Montana | Wyoming | Utah | Colorado | Arizona | New Mexico | Mexico | **Total** |
| 1972 | | | 0.1160 | | | | | | | | | | | |
| 1973 | | | 0.1200 | | | | | | | | | | | |
| 1974 | | | 0.0940 | 0.1100 | | | | | | | | | | |
| 1975 | | | 0.0960 | 0.1033 | | | | | | | | | | |
| 1976 | | | 0.0940 | 0.0947 | | | | | | | | | | |
| 1977 | | | 0.0720 | 0.0873 | | | | | | | | | | |
| 1978 | | | 0.1040 | 0.0900 | | | | | | | | | | |
| 1979 | | | 0.1010 | 0.0923 | | | | | | | | | | |
| 1980 | | | 0.0950 | 0.1000 | - | | | | | | | | | |
| 1981 | | | 0.0760 | 0.0907 | - | | | | | | | | | |
| 1982 | | | 0.0880 | 0.0863 | - | | | | | | | | | |
| 1983 | | | 0.1160 | 0.0933 | - | | | | | | | | | |
| 1984 | | | 0.0810 | 0.0950 | - | | | | | | | | | |
| 1985 | | | 0.0900 | 0.0957 | - | | | | | | | | | |
| 1986 | | | 0.0580 | 0.0763 | - | | | | | | | | | |
| 1987 | 17,481 | | 0.0540 | 0.0673 | - | | | 212 | | | 166 | 793 | | 1,171 |
| 1988 | | | 0.0340 | 0.0487 | - | | | 128 | 68 | | 96 | 454 | | 746 |
| 1989 | | | 0.0410 | 0.0430 | - | | | 70 | 49 | | 39 | 184 | | 342 |
| 1990 | | | 0.0650 | 0.0467 | - | | | 150 | 70 | | 85 | 450 | | 755 |
| 1991 | | | 0.0530 | 0.0530 | - | | 59 | 154 | 80 | | 82 | 388 | | 763 |
| 1992 | 19,304 | | 0.0520 | 0.0567 | - | | | 120 | 70 | | 76 | 415 | | 681 |
| 1993 | | | 0.0610 | 0.0553 | - | | 69 | 152 | 73 | | 84 | 401 | | 779 |
| 1994 | | | 0.0390 | 0.0507 | - | 0 | 44 | 100 | 46 | | 65 | 268 | | 523 |
| 1995 | 16,028 | | 0.0640 | 0.0547 | 513 | 20 | 54 | 100 | 50 | | 65 | 252 | | 541 |
| 1996 | 16,938 | | 0.0940 | 0.0657 | 591 | 148 | 66 | 100 | 45 | | 56 | 198 | | 613 |
| 1997 | 18,036 | 17,001 | 0.0970 | 0.0850 | 693 | 174 | 73 | 48 | 68 | | 53 | 252 | 24 | 693 |
| 1998 | 18,102 | 17,692 | 0.1120 | 0.1010 | 966 | 225 | 113 | 71 | 98 | | 74 | 351 | 34 | 966 |
| 1999 | 19,501 | 18,546 | 0.0840 | 0.0977 | 1,128 | 281 | 118 | 95 | 110 | | 84 | 400 | 39 | 1,128 |
| 2000 | 19,990 | 19,198 | 0.0670 | 0.0877 | 1,163 | 295 | 116 | 110 | 116 | | 84 | 403 | 39 | 1,163 |
| 2001 | 16,559 | 18,683 | 0.0580 | 0.0697 | 829 | 205 | 92 | 79 | 81 | | 60 | 285 | 28 | 829 |
| 2002 | 18,803 | 18,451 | 0.0520 | 0.0590 | 668 | 162 | 78 | 67 | 63 | | 48 | 229 | 22 | 668 |
| 2003 | 19,523 | 18,295 | 0.0710 | 0.0603 | 660 | 157 | 82 | 66 | 62 | | 47 | 224 | 22 | 660 |
| 2004 | 18,510 | 18,945 | 0.0940 | 0.0723 | 910 | 210 | 122 | 86 | 86 | | 65 | 311 | 30 | 910 |
| 2005 | 20,865 | 19,633 | 0.1080 | 0.0910 | 1,320 | 290 | 190 | 123 | 126 | | 95 | 452 | 44 | 1,320 |
| 2006 | 3,269 | 19,633 | 0.0990 | 0.1003 | 1,456 | 320 | 209 | 136 | 139 | | 105 | 499 | 48 | 1,456 |
| 2007[c] | 22,822 | 20,732 | 0.0830 | 0.0967 | 1,744 | 369 | 252 | 165 | 170 | | 126 | 602 | 58 | 1,744 |
| 2008 | 21,156 | 21,614 | 0.0910 | 0.0910 | 1,940 | 385 | 290 | 188 | 205 | | 140 | 667 | 65 | 1,940 |
| 2009 | 20,321 | 21,433 | 0.1150 | 0.0963 | 1,985 | 381 | 310 | 193 | 206 | | 144 | 685 | 66 | 1,985 |
| 2010 | 21,064 | 20,847 | 0.0835 | 0.0965 | 1,780 | 320 | 297 | 175 | 191 | | 128 | 610 | 59 | 1,780 |
| 2011 | 17,494 | 19,626 | 0.0655 | 0.0880 | 1,275 | 218 | 228 | 123 | 131 | | 92 | 440 | 43 | 1,275 |
| 2012 | 15,417 | 17,992 | 0.0779 | 0.0756 | 774 | 120 | 147 | 80 | 82 | | 55 | 264 | 26 | 774 |
| 2013 | 20,360 | 17,757 | 0.0658 | 0.0697 | 677 | 103 | 132 | 70 | 69 | | 49 | 232 | 22 | 677 |
| 2014 | 19,668 | 18,482 | 0.1031 | 0.0823 | 937 | 139 | 185 | 94 | 98 | | 68 | 322 | 31 | 937 |
| 2015 | 24,330 | 21,453 | 0.1134 | 0.0941 | 1,946 | 287 | 394 | 188 | 204 | | 140 | 668 | 65 | 1,946 |
| 2016 | 22,264 | 22,087 | 0.0884 | 0.1016 | 2,362 | 337 | 467 | 241 | 263 | | 169 | 806 | 78 | 2,362 |
| 2017 | 19,592 | 22,062 | 0.0793 | 0.0937 | 2,168 | 306 | 425 | 211 | 246 | | 157 | 750 | 73 | 2,168 |
| 2018 | 21,801 | 21,219 | 0.0790 | 0.0822 | 1,628 | 220 | 317 | 169 | 184 | | 118 | 564 | 55 | 1,628 |

[a]State allocation of allowable harvest describes the following year's allocation.

[b]Historical total allocation may differ from model-calculated allowable harvest.

[c]Survey not flown due to mechanical problems.

Rocky Mountain Population of Sandhill Crane hunter participation and harvest.

| | RMP Cranes harvested | | | | | | | | | Proportion of all cranes harvested that are RMP | | | | | | | | | Percent adult of harvested cranes | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| YEAR | AZ | CO | ID | MT | NM | UT | WY | MX | Total | AZ | CO | ID | MT | NM | UT | WY | MX | Average | AZ | CO | ID | MT | NM | UT | WY | MX | Average |
| 1981 | 21 | | | | | | | | 21 | 50.0 | | | | | | | | 50.0 | 92.86 | | | | | | | | |
| 1982 | 9 | | | | | | 143 | | 152 | 12.7 | | | | | | | | 12.7 | 86.57 | | | | | | | | |
| 1983 | 37 | | | | | | 154 | | 191 | 67.3 | | | | | | | | 67.3 | 87.50 | | | | | | | | |
| 1984 | 41 | | | | | | 101 | | 142 | 58.9 | | | | | | | | 58.9 | | | | | | | | | |
| 1985 | 42 | | | | | | 138 | | 180 | 45.5 | | | | | | | | 45.5 | 89.23 | | | | | | | | |
| 1986 | 24 | | | | | | 195 | | 219 | 17.6 | | | | | | | | 17.6 | | | | | | | | | |
| 1987 | 62 | | | | | | 190 | | 252 | 32.1 | | | | | | 100.0 | | 66.0 | | | | | | | | | |
| 1988 | 39 | | | | 310 | | 128 | | 477 | 18.9 | | | | | | 100.0 | | 59.4 | 100.00 | | | | | | | | 100.00 |
| 1989 | 46 | | | | 483 | 54 | 125 | | 708 | 28.8 | | | | | 100.0 | 100.0 | | 76.3 | | | | | | 90.74 | | | 90.74 |
| 1990 | 9 | | | | 79 | 35 | 58 | | 181 | 7.3 | | | | | 100.0 | 100.0 | | 69.1 | 100.00 | | | | | 85.71 | | | 92.86 |
| 1991 | 44 | | | | 47 | 48 | 101 | | 240 | 20.4 | | | | | 100.0 | 100.0 | | 73.5 | 73.15 | | | | | 91.67 | | | 82.41 |
| 1992 | 39 | | | | 147 | | 168 | | 354 | 21.9 | | | | | 100.0 | 100.0 | | 74.0 | | | | | | | | | |
| 1993 | 61 | | | | 297 | 28 | 115 | | 501 | 35.1 | | | | | 100.0 | 100.0 | | 78.4 | 81.50 | | | | | 92.86 | | | 87.18 |
| 1994 | 27 | | | | 416 | 34 | 150 | | 627 | 23.9 | | | | | 100.0 | 100.0 | | 74.6 | 82.30 | | | | | 91.18 | | | 86.74 |
| 1995 | 33 | | | | 270 | 27 | 78 | | 408 | 21.0 | | | | 65.4 | 100.0 | 100.0 | | 71.6 | 81.29 | | | | 90.40 | 96.30 | 85.90 | | 88.47 |
| 1996 | 27 | | 20 | | 236 | 32 | 65 | | 380 | 19.1 | | 100.0 | | 76.4 | 100.0 | 100.0 | | 79.1 | 83.57 | | 80.00 | | 91.00 | 84.38 | | | 84.74 |
| 1997 | 22 | | 136 | | 114 | 30 | 84 | | 386 | 11.4 | | 100.0 | | 72.9 | 100.0 | 100.0 | | 76.9 | 77.72 | | 76.47 | | 72.30 | 90.00 | 84.50 | | 80.20 |
| 1998 | 37 | | 120 | | 180 | 34 | 94 | | 465 | 24.5 | | 100.0 | | 76.6 | 100.0 | 100.0 | | 80.2 | 88.74 | | 84.17 | | 97.10 | 85.30 | 71.30 | | 85.32 |
| 1999 | 21 | | 190 | | 198 | 54 | 124 | | 587 | 18.6 | | 100.0 | | 66.4 | 100.0 | 100.0 | | 77.0 | | | | | 93.40 | 87.04 | 79.00 | | 86.48 |
| 2000 | 37 | | 193 | | 257 | 69 | 159 | | 715 | 18.2 | | 100.0 | | 71.9 | 100.0 | 100.0 | | 78.0 | | | 86.53 | | 87.50 | 89.86 | | | 87.96 |
| 2001 | 26 | | 278 | 86 | 288 | 77 | 142 | | 897 | 14.4 | | 100.0 | 100.0 | 72.8 | 100.0 | 100.0 | | 81.2 | 85.00 | | 79.14 | 79.07 | 82.20 | 90.91 | | | 83.26 |
| 2002 | 42 | | 194 | 47 | 164 | 60 | 132 | | 639 | 17.6 | | 100.0 | 100.0 | 73.3 | 100.0 | 100.0 | | 81.8 | | | 80.93 | 81.85 | 89.60 | 88.33 | | | 85.18 |
| 2003 | 34 | | 146 | 48 | 169 | 57 | 72 | | 526 | 18.0 | | 100.0 | 100.0 | 55.9 | 100.0 | 100.0 | | 79.0 | | | | 93.75 | 81.10 | 87.72 | 72.20 | | 83.69 |
| 2004 | 30 | | 143 | 49 | 189 | 53 | 123 | | 587 | 15.4 | | 100.0 | 100.0 | 55.3 | 100.0 | 100.0 | | 78.5 | 86.24 | | 81.12 | 87.76 | 82.70 | 90.57 | 76.40 | | 84.13 |
| 2005 | 50 | | 188 | 46 | 236 | 62 | 116 | | 698 | 18.1 | | 100.0 | 100.0 | 55.9 | 100.0 | 100.0 | | 79.0 | | | 81.38 | 93.48 | 83.60 | 87.10 | 75.00 | | 84.11 |
| 2006 | 9 | | 236 | 51 | 327 | 87 | 194 | | 904 | 4.7 | | 100.0 | 100.0 | 58.5 | 100.0 | 100.0 | | 77.2 | | | 78.39 | 94.12 | 81.10 | 86.21 | 70.10 | | 81.98 |
| 2007 | 43 | | 211 | 68 | 276 | 103 | 138 | | 839 | 13.8 | | 100.0 | 100.0 | 46.6 | 100.0 | 100.0 | | 76.7 | | | 87.20 | 91.18 | 73.70 | 91.26 | 76.10 | | 83.89 |
| 2008 | 24 | | 185 | 83 | 379 | 101 | 162 | | 934 | 14.8 | | 100.0 | 100.0 | 54.6 | 100.0 | 100.0 | | 78.2 | 86.93 | | 85.40 | 90.36 | 79.50 | 90.10 | 77.80 | | 85.01 |
| 2009 | 70 | | 254 | 116 | 603 | 149 | 195 | | 1,387 | 18.0 | | 100.0 | 100.0 | 64.7 | 100.0 | 100.0 | | 80.5 | | | 81.89 | 86.21 | 82.40 | 87.25 | 70.80 | | 81.71 |
| 2010 | 56 | | 253 | 98 | 547 | 190 | 182 | | 1,326 | 18.1 | | 100.0 | 100.0 | 58.6 | 100.0 | 100.0 | | 79.5 | | | 84.98 | 80.61 | 82.10 | 86.32 | 77.50 | | 82.30 |
| 2011 | 36 | | 261 | 84 | 522 | 149 | 161 | | 1,213 | 19.7 | | 100.0 | 100.0 | 57.7 | 100.0 | 100.0 | | 79.6 | 86.75 | | 82.76 | 73.81 | 77.30 | 82.55 | 77.00 | | 80.03 |
| 2012 | 81 | | 275 | 121 | 417 | 91 | 134 | | 1,119 | 22.1 | | 100.0 | 100.0 | 56.6 | 100.0 | 100.0 | | 79.8 | | | 83.63 | 82.64 | 86.50 | 90.11 | 76.90 | | 83.96 |
| 2013 | 38 | | 135 | 83 | 241 | 96 | 74 | | 667 | 21.6 | | 100.0 | 100.0 | 50.3 | 100.0 | 100.0 | | 78.6 | | | 91.85 | 84.34 | 71.80 | 92.71 | 71.60 | | 82.46 |
| 2014 | 26 | | 134 | 121 | 183 | 73 | 101 | | 638 | 11.7 | | 100.0 | 100.0 | 53.8 | 100.0 | 100.0 | | 77.6 | 85.82 | | 93.28 | 82.64 | 76.70 | 79.45 | 73.30 | | 81.87 |
| 2015 | 67 | | 166 | 137 | 145 | 86 | 104 | | 705 | 19.5 | | 100.0 | 100.0 | 52.6 | 100.0 | 100.0 | | 78.7 | | | 87.95 | 88.32 | 85.50 | 87.20 | 75.00 | | 84.79 |
| 2016 | 74 | | 258 | 140 | 453 | 72 | 158 | | 1,155 | 16.5 | | 100.0 | 100.0 | 52.9 | 100.0 | 100.0 | | 78.2 | | | 87.21 | 91.42 | 78.48 | 90.30 | 82.86 | | 86.05 |
| 2017 | 68 | | 198 | 150 | 449 | 192 | 193 | | 1,250 | 14.9 | | 100.0 | 100.0 | 51.0 | 100.0 | 100.0 | | 77.7 | 82.00 | | 86.36 | 89.30 | 74.49 | 83.33 | 78.24 | | 82.29 |
| 2018 | 102 | | 253 | 154 | 678 | 203 | 189 | | 1,579 | 14.8 | | 100.0 | 100.0 | | 100.0 | 100.0 | | 83.0 | | | 92.88 | | | 91.13 | 71.96 | | 85.32 |
| Averages: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Long term | 41 | | 192 | 93 | 300 | 81 | 134 | | 638 | 22.3 | | 100.0 | 100.0 | 60.9 | 100.0 | 100.0 | | 71.3 | 86.17 | | 84.45 | 86.52 | 82.63 | 88.54 | 76.17 | | 85.17 |
| 3-yr | 81 | | 236 | 148 | 527 | 156 | 180 | | 1,328 | 15.4 | | 100.0 | 100.0 | 52.0 | 100.0 | 100.0 | | 79.6 | 82.00 | | 88.82 | 90.36 | 76.48 | 88.25 | 77.69 | | 84.55 |
| % Change From: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Long term | 160.2 | | 33.3 | 71.3 | 135.9 | 165.2 | 43.2 | | 157.7 | (34.2) | | - | - | | - | - | | 16.8 | | | 10.5 | | | 3.0 | (5.8) | | 0.2 |
| 3-yr | 25.4 | | 7.1 | 4.1 | 28.7 | 30.4 | 5.0 | | 18.9 | (3.9) | | - | - | | - | - | | 4.2 | | | 4.6 | | | 3.3 | (7.4) | | 0.9 |
| 2017 | 49.8 | | 27.8 | 2.7 | 51.0 | 5.7 | (2.1) | | 26.3 | (0.7) | | - | - | | - | - | | 6.8 | | | 7.5 | | | 9.4 | (8.0) | | 3.7 |

Rocky Mountain Population of Sandhill Crane hunter participation and harvest, continued.

| | Crippling-loss rate | | | | | | | | | Number hunters | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| YEAR | AZ | CO | ID | MT | NM | UT | WY | MX | Average | AZ | CO | ID | MT | NM | UT | WY | MX | Total |
| 1981 | | | | | | | | | | 55 | | | | | | | | 55 |
| 1982 | | | | | | | | | | 55 | | | | | | | | 55 |
| 1983 | | | | | | | | | | 77 | | | | | | | | 77 |
| 1984 | | | | | | | | | | 72 | | | | | | | | 72 |
| 1985 | | | | | | | | | | 121 | | | | | | | | 121 |
| 1986 | | | | | | | | | | 124 | | | | | | | | 124 |
| 1987 | | | | | | | | | | 212 | | | | | | 204 | | 416 |
| 1988 | | | | | | | | | | 228 | | | | | | 161 | | 389 |
| 1989 | | | | | | 0.0000 | | | 0.0000 | 219 | | | | | 60 | 170 | | 449 |
| 1990 | | | | | | 0.0286 | | | 0.0286 | 139 | | | | | 53 | 76 | | 268 |
| 1991 | | | | | | 0.0000 | | | 0.0000 | 255 | | | | | 70 | 153 | | 478 |
| 1992 | | | | | | | | | | 258 | | | | | 0 | 158 | | 416 |
| 1993 | | | | | | 0.0000 | | | 0.0000 | 217 | | | | | 33 | 130 | | 380 |
| 1994 | | | | | | 0.0588 | | | 0.0588 | 227 | | | | | 39 | 141 | | 407 |
| 1995 | | | | | | 0.0741 | | | 0.0741 | 211 | | | | 132 | 41 | 129 | | 513 |
| 1996 | | | | | | 0.0313 | | | 0.0313 | 256 | | 26 | | 162 | 39 | 126 | | 609 |
| 1997 | | | | | | 0.0000 | | | 0.0000 | 235 | | 189 | | 143 | 42 | 170 | | 779 |
| 1998 | | | | | | 0.0294 | | | 0.0294 | 232 | | 225 | | 167 | 42 | 173 | | 839 |
| 1999 | | | | | | 0.0926 | | | 0.0926 | 242 | | 295 | | 204 | 82 | 189 | | 1012 |
| 2000 | | | | | | 0.0580 | | | 0.0580 | 218 | | 284 | | 211 | 99 | 263 | | 1075 |
| 2001 | | | | 0.0115 | | 0.0649 | | | 0.0382 | 235 | | 391 | 142 | 268 | 107 | 248 | | 1391 |
| 2002 | | | | 0.0806 | | 0.0833 | | | 0.0820 | 253 | | 215 | 103 | 242 | 86 | 210 | | 1109 |
| 2003 | | | | 0.0400 | | 0.0351 | | | 0.0375 | 248 | | 207 | 93 | 273 | 79 | 152 | | 1052 |
| 2004 | | | | 0.0392 | | 0.0943 | | | 0.0668 | 263 | | 185 | 90 | 291 | 67 | 174 | | 1070 |
| 2005 | | | | 0.0612 | | 0.0645 | | | 0.0629 | 261 | | 216 | 93 | 292 | 76 | 196 | | 1134 |
| 2006 | | | | 0.0556 | | 0.0345 | 0.0164 | | 0.0355 | 222 | | 242 | 114 | 270 | 105 | 305 | | 1258 |
| 2007 | | | | 0.0685 | | 0.0874 | 0.0188 | | 0.0582 | 254 | | 293 | 121 | 324 | 141 | 213 | | 1346 |
| 2008 | | | | 0.0235 | | 0.0792 | 0.0391 | | 0.0473 | 261 | | 206 | 122 | 310 | 174 | 281 | | 1354 |
| 2009 | | | | 0.0492 | | 0.0537 | 0.0165 | | 0.0398 | 299 | | 326 | 149 | 319 | 229 | 303 | | 1625 |
| 2010 | | | | 0.0926 | 0.0803 | 0.0632 | 0.0305 | | 0.0666 | 312 | | 278 | 155 | 283 | 253 | 328 | | 1609 |
| 2011 | | | 0.109 | 0.0667 | 0.1172 | 0.0336 | 0.0168 | | 0.0686 | 312 | | 285 | 116 | 325 | 202 | 297 | | 1537 |
| 2012 | | 0.1560 | 0.058 | 0.0620 | 0.1077 | 0.0220 | 0.0000 | | 0.0676 | 343 | | 255 | 171 | 266 | 167 | 216 | | 1418 |
| 2013 | | 0.1060 | 0.036 | 0.1170 | 0.0721 | 0.0000 | 0.0408 | | 0.0620 | 269 | | 137 | 152 | 249 | 116 | 147 | | 1070 |
| 2014 | | 0.1110 | 0.05 | 0.0620 | 0.1278 | 0.0411 | 0.0486 | | 0.0734 | 266 | | 135 | 149 | 186 | 88 | 144 | | 968 |
| 2015 | | 0.1530 | 0.073 | 0.0610 | 0.1958 | 0.0110 | 0.0183 | | 0.0854 | 386 | | 185 | 174 | 224 | 122 | 164 | | 1255 |
| 2016 | | 0.1040 | 0.026 | 0.0410 | 0.1117 | 0.0278 | 0.0765 | | 0.0645 | 385 | | 263 | 167 | 252 | 105 | 283 | | 1455 |
| 2017 | | 0.0561 | 0.048 | 0.0740 | 0.0944 | 0.0260 | 0.0398 | | 0.0564 | 432 | | 261 | 174 | 271 | 295 | 318 | | 1751 |
| 2018 | | | | | | 0.0193 | 0.1600 | | 0.0897 | | | 296 | | | 268 | 329 | | 893 |
| Averages: | | | | | | | | | | | | | | | | | | |
| Long term | | 0.1144 | 0.0571 | 0.0592 | 0.1134 | 0.0418 | 0.0402 | | 0.05086 | 234 | | 235 | 134 | 246 | 109 | 205 | | 838 |
| 3-yr | | 0.0801 | 0.0370 | 0.0575 | 0.1031 | 0.0244 | 0.0921 | | 0.07018 | 409 | | 273 | 171 | 262 | 223 | 310 | | 1,366 |
| % Change From: | | | | | | | | | | | | | | | | | | |
| Long term | | | | | | (54.8) | 430.2 | | 81.2 | | | 27.7 | | | 158.0 | 63.9 | | 6.8 |
| 3-yr | | | | | | (20.8) | 73.7 | | 27.7 | | | 8.3 | | | 20.4 | 6.1 | | (34.6) |
| 2017 | | | | | | (25.8) | 302.0 | | 59.0 | | | 13.4 | | | (9.2) | 3.5 | | (49.0) |

Rocky Mountain Population of Sandhill Crane hunter participation and harvest, continued.

| | Hunter days | | | | | | | | | Hunter success rate | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| YEAR | AZ | CO | ID | MT | NM | UT | WY | MX | Total | AZ | CO | ID | MT | NM | UT | WY | MX | Average |
| 1981 | 119 | | | | | | | | 119 | 0.4900 | | | | | | | | 0.4900 |
| 1982 | 95 | | | | | | | | 95 | 0.7800 | | | | | | | | 0.7800 |
| 1983 | 152 | | | | | | | | 152 | 0.5500 | | | | | | | | 0.5500 |
| 1984 | 110 | | | | | | | | 110 | 0.7400 | | | | | | | | 0.7400 |
| 1985 | 234 | | | | | | | | 234 | 0.4600 | | | | | | | | 0.4600 |
| 1986 | 217 | | | | | | | | 217 | 0.6900 | | | | | | | | 0.6900 |
| 1987 | 406 | | | | | | 345 | | 751 | 0.5700 | | | | | | 0.9300 | | 0.7500 |
| 1988 | 446 | | | | | | 211 | | 657 | 0.5800 | | | | | | 0.8000 | | 0.6900 |
| 1989 | 473 | | | | | | 254 | | 727 | 0.4700 | | | | | 0.9000 | 0.7400 | | 0.7033 |
| 1990 | 275 | | | | | | 129 | | 404 | 0.5300 | | | | | 0.6604 | 0.7600 | | 0.6501 |
| 1991 | 517 | | | | | | 227 | | 744 | 0.5400 | | | | | 0.6857 | 0.6600 | | 0.6286 |
| 1992 | 532 | | | | | | 247 | | 779 | 0.4800 | | | | | 0.0000 | 1.0600 | | 0.5133 |
| 1993 | 401 | | | | | | 213 | | 614 | 0.5000 | | | | | 0.8485 | 0.8800 | | 0.7428 |
| 1994 | 464 | | | | | | 229 | | 693 | 0.3200 | | | | | 0.8718 | 1.0600 | | 0.7506 |
| 1995 | 423 | | | | | | 233 | | 656 | 0.4800 | | | | | 0.6585 | 0.6000 | | 0.5795 |
| 1996 | 521 | | | | | | 265 | | 786 | 0.3800 | | 0.7692 | | | 0.8205 | 0.5200 | | 0.6224 |
| 1997 | 430 | | 296 | | | | 318 | | 1044 | 0.4700 | | 0.7196 | | 0.8300 | 0.7143 | 0.4800 | | 0.6428 |
| 1998 | 450 | | 321 | | | | 354 | | 1125 | 0.4000 | | 0.5333 | | 0.8500 | 0.8100 | 0.5400 | | 0.6267 |
| 1999 | 518 | | 467 | | | | 431 | | 1416 | 0.3300 | | 0.6441 | | | 0.6585 | 0.6700 | | 0.5757 |
| 2000 | 389 | | 439 | | | | 556 | | 1384 | 0.5700 | | 0.6796 | | | 0.6970 | 0.6000 | | 0.6366 |
| 2001 | 468 | | 633 | 202 | | | 563 | | 1866 | 0.5200 | | 0.7110 | 0.6056 | 0.8100 | 0.7196 | 0.5700 | | 0.6560 |
| 2002 | 489 | | 426 | 188 | | | 437 | | 1540 | 0.5800 | | 0.9023 | 0.4563 | 0.8400 | 0.6977 | 0.6300 | | 0.6844 |
| 2003 | 497 | | 325 | 181 | | | 348 | | 1351 | 0.4800 | | 0.7053 | 0.5161 | 0.8000 | 0.7215 | 0.4700 | | 0.6155 |
| 2004 | 319 | | 354 | 174 | | | 343 | | 1190 | 0.5900 | | 0.7730 | 0.5444 | 0.8000 | 0.7910 | 0.7100 | | 0.7014 |
| 2005 | 548 | | 504 | 125 | | 121 | 431 | | 1729 | 0.6600 | | 0.8704 | 0.4946 | 0.6400 | 0.8158 | 0.5900 | | 0.6785 |
| 2006 | 559 | | 515 | 202 | | 165 | 687 | | 2128 | 0.5500 | | 0.9752 | 0.4474 | 0.8500 | 0.8286 | 0.6400 | | 0.7152 |
| 2007 | 442 | | 558 | 218 | | 234 | 418 | | 1870 | 0.7200 | | 0.7201 | 0.5620 | 0.7800 | 0.7305 | 0.6500 | | 0.6938 |
| 2008 | 485 | | 465 | 257 | | 297 | 562 | | 2066 | 0.4800 | | 0.8981 | 0.6803 | 0.6100 | 0.5805 | 0.5800 | | 0.6381 |
| 2009 | 628 | | 852 | 284 | | 432 | 624 | | 2820 | 0.6100 | | 0.7791 | 0.7785 | 0.8200 | 0.6507 | 0.6400 | | 0.7131 |
| 2010 | 690 | | 875 | 328 | | 461 | 695 | | 3049 | 0.4800 | | 0.9101 | 0.6323 | 0.6700 | 0.7510 | 0.5500 | | 0.6656 |
| 2011 | 664 | | 891 | 261 | 606 | 333 | 709 | | 3464 | 0.4200 | | 0.9158 | 0.7241 | 0.6800 | 0.7376 | 0.5400 | | 0.6696 |
| 2012 | 734 | | 671 | 479 | 679 | 340 | 521 | | 3424 | 0.5500 | | 1.0784 | 0.7076 | | 0.5449 | 0.6200 | | 0.7002 |
| 2013 | 560 | | 352 | 382 | 281 | 209 | 342 | | 2126 | 0.4200 | | 0.9854 | 0.5461 | 0.8800 | 0.8276 | 0.5000 | | 0.6932 |
| 2014 | 519 | | 325 | 335 | 235 | 141 | 276 | | 1831 | 0.4800 | | 0.9926 | 0.8121 | 0.8900 | 0.8295 | 0.7000 | | 0.7840 |
| 2015 | 810 | | 447 | 430 | 472 | 209 | 375 | | 2743 | 0.5100 | | 0.8973 | 0.7874 | 0.8900 | 0.7080 | 0.6300 | | 0.7371 |
| 2016 | 799 | | 588 | 439 | 361 | 175 | 666 | | 3028 | 0.5700 | | 0.5489 | 0.8383 | 0.7143 | 0.6860 | 0.5571 | | 0.6524 |
| 2017 | 948 | | 669 | 357 | 500 | 570 | 814 | | 3858 | 0.5800 | | 0.3764 | 0.8621 | 0.6650 | 0.6404 | 0.6069 | | 0.6218 |
| 2018 | | | 899 | | | | 850 | | 1749 | | | | | | 0.7575 | 0.5714 | | 0.6645 |
| Averages: | | | | | | | | | | | | | | | | | | |
| Long term | 468 | | 540 | 285 | 448 | 284 | 427 | | 1,435 | 0.5278 | | 0.7902 | 0.6468 | 0.7789 | 0.7115 | 0.6580 | | 0.6607 |
| 3-yr | 874 | | 719 | 398 | 431 | 373 | 777 | | 2,878 | 0.5750 | | 0.4627 | 0.8502 | 0.6897 | 0.6946 | 0.5785 | | 0.6462 |
| % Change From: | | | | | | | | | | | | | | | | | | |
| Long term | | | 72.0 | | | | 105.5 | | 22.6 | | | | | | 6.7 | (13.5) | | 0.6 |
| 3-yr | | | 25.1 | | | | 9.4 | | (39.2) | | | | | | 9.1 | (1.2) | | 2.8 |
| 2017 | | | 34.4 | | | | 4.4 | | (54.7) | | | | | | 18.3 | (5.9) | | 6.9 |

Status and objectives for Pacific Flyway goose populations.

| Population | Recent Index | | 3-year Average | | Management | | Status Relative to |
|---|---|---|---|---|---|---|---|
| | Estimate | Year | Estimate | Years | Index | Objective | Objective (%) |
| Aleutian Canada Geese | 198,905 | 2019 | 179,596 | 2017–2019 | 3-year | 60,000 | 199% |
| Cackling Canada Geese | 205,262 | 2019 | 235,137 | 2017–2019 | 3-year | 250,000 | **-6%** |
| Dusky Canada Geese | 17,729 | 2019 | 14,410 | 2017–2019 | 3-year | 20,000 | **-28%** |
| Pacific Population of Lesser Canada Geese | 13,066 | 2019 | 5,962 | 2017–2019 | *N/A* | *None* | |
| Taverner's Canada Geese | 58,924 | 2019 | 48,471 | 2017–2019 | *N/A* | *None* | |
| Vancouver Canada Geese | ----------*No Data*---------- | | | | *N/A* | *None* | |
| Pacific Population of Western Canada Geese | 347,000 | 2019 | 331,865 | 2017–2019 | *N/A* | *None* | |
| Rocky Mountain Population of Western Canada Geese | 176,000 | 2019 | 205,454 | 2017–2019 | 3-year | 117,000 | 76% |
| Pacific Population of Greater White-fronted Geese | 479,289 | 2019 | 622,605 | 2017–2019 | 3-year | 300,000 | 108% |
| Tule Greater White-fronted Geese | 6,993 | 2018 | 14,187 | 2016–2018 | 3-year | 10,000 | 42% |
| Western Arctic Population of Lesser Snow Geese | 446,599 | 2013 | 386,034 | 2007, 2009, 2013 | 1-year | 200,000 | 123% |
| Wrangel Island Population of Lesser Snow Geese | 442,000 | 2019 | 364,667 | 2017–2019 | 3-year | 120,000 | 204% |
| Ross's Geese | 446,599 | 2018 | 469,244 | 2016–2018 | 3-year | 100,000 | 369% |
| Emperor Geese | 26,585 | 2019 | 28,969 | 2017–2019 | Current Year | 34,000 | **-22%** |
| Pacific Population of Brant | 161,159 | 2019 | 149,776 | 2017–2019 | 3-year | 162,000 | **-8%** |

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