

# WINGBEE 2020

Flint Hills National Wildlife Refuge  
Hartford, Kansas

## 57TH YEAR

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## ***PRELIMINARY RESULTS***

compiled by:

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**February 18 - 21, 2020**



# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

Division of Migratory Bird Management  
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March 27, 2020

To: 2020 Central Flyway Wingbee Participants

From: Central Flyway Representative, Lakewood, CO  
Chief, Branch of Monitoring and Data Management, Laurel, MD

Re: 2020 Central Flyway Wingbee Preliminary Results

Kathy and I would like to express our appreciation for your participation in the 57th Central Flyway Wingbee that was held at the Flint Hills National Wildlife Refuge. Your hard work helped make it a very successful operation again this year. This year 47 attendees examined 20,787 parts, about 3,300 more than last year (17,505). The total number of duck wings (17,398) was almost 3,000 higher than that of last year (14,441), whereas the goose parts (3,389) were only slightly higher than last year (3,064).

We have enclosed a preliminary, unverified report that includes the unweighted results of our collective efforts: a summary of the species composition of the duck wings and goose tails/wingtips we examined, the age and sex composition of the flyway-wide sample of the most important species, the age and sex composition at the state level, and table of historical participation in Central Flyway Wingbees.

Please let us know if there is any additional information that you would like, and again thanks for your help. We hope to see you at a future Wingbee!

Jim Dubovsky & Kathy Fleming  
Division of Migratory Bird Management

cc: Central Flyway Waterfowl Technical Committee



**WINGBEE PARTICIPATION  
CENTRAL FLYWAY  
Hartford, Kansas  
2020**

**COLORADO**

Gammonley, Jim

**KANSAS**

Bidrowski, Tom  
Black, Jason  
Friesen, Andy  
Harbit, Justin  
Karrow, Karl  
Manbeck, Monte  
Schultheis, Rich

**NEBRASKA**

Stutheit, Randy  
Sulliva, Mark  
Vrtiska, Mark  
Widhelm, Josh

**NEW MEXICO**

Cline, Mason

**NORTH DAKOTA**

Dinges, Andy  
Stechman, Tanner  
Szymanski, Mike

**OKLAHOMA**

Morris, Cody  
Neal, Jeff  
Richardson, Josh  
Schoonover, Kelvin

**SOUTH DAKOTA**

Grovijahn, Mark  
Murano, Rocco

**TEXAS**

Assenheimer, Ryan  
Butler, David  
Hand, Kyle  
Kraai, Kevin  
Kriegel, Kevin  
Love, Ernest  
McDowell, Stephen  
White, Jacob

**WYOMING**

May, Luke  
Smith, Noelle

**OTHER**

Anchor, Cynthia  
Biemser, Katharina  
Doherty, Paul  
Malanchuk, Boomer  
Warhurst, Rick

**U.S. FISH & WILDLIFE SERVICE**

Catino, Stephanie  
Chandler, Stephen  
Dooley, Josh  
Dubovsky, Jim  
Fleming, Kathy  
Liddick, Terry  
Menard, Tim  
Stephenson, Phillip  
Thornton, Chris  
Thorpe, Phil

# CENTRAL FLYWAY WINGBEE PARTICIPATION 1965 - 2020

| YEAR              | CO         | KS         | MT        | NE         | NM        | ND         | OK         | SD         | TX         | WY        | FWS        | OTHER      | TOTAL       |
|-------------------|------------|------------|-----------|------------|-----------|------------|------------|------------|------------|-----------|------------|------------|-------------|
| 1965              | 23         | 1          | 0         | 4          | 0         | 3          | 0          | 1          | 2          | 3         | 10         | 8          | 55          |
| 1966              | 27         | 0          | 0         | 4          | 0         | 4          | 4          | 0          | 0          | 4         | 26         | 4          | 69          |
| 1967              | 7          | 1          | 0         | 4          | 0         | 4          | 1          | 1          | 0          | 2         | 27         | 5          | 52          |
| 1968              | 13         | 0          | 0         | 4          | 0         | 3          | 0          | 2          | 3          | 6         | 23         | 3          | 57          |
| 1969              | 4          | 0          | 0         | 4          | 0         | 3          | 0          | 1          | 1          | 4         | 10         | 0          | 28          |
| 1970              | 7          | 1          | 1         | 4          | 1         | 4          | 1          | 2          | 1          | 4         | 12         | 0          | 38          |
| 1971              | 7          | 0          | 0         | 3          | 1         | 4          | 0          | 6          | 2          | 3         | 13         | 0          | 39          |
| 1972              | 4          | 1          | 0         | 5          | 0         | 4          | 2          | 5          | 1          | 0         | 16         | 0          | 38          |
| 1973              | 6          | 2          | 0         | 5          | 0         | 4          | 1          | 5          | 1          | 0         | 14         | 1          | 38          |
| 1974              | 4          | 2          | 0         | 6          | 0         | 4          | 1          | 5          | 1          | 1         | 21         | 0          | 45          |
| 1975              | 4          | 2          | 0         | 6          | 0         | 1          | 0          | 1          | 4          | 3         | 12         | 1          | 34          |
| 1976              | 5          | 0          | 0         | 6          | 0         | 1          | 1          | 1          | 0          | 1         | 13         | 3          | 28          |
| 1977              | 16         | 1          | 0         | 2          | 0         | 1          | 1          | 1          | 0          | 2         | 15         | 3          | 42          |
| 1978              | 8          | 1          | 1         | 6          | 0         | 0          | 1          | 1          | 0          | 1         | 13         | 3          | 35          |
| 1979              | 6          | 2          | 0         | 5          | 1         | 3          | 1          | 1          | 0          | 0         | 14         | 0          | 33          |
| 1980              | 6          | 2          | 0         | 3          | 0         | 3          | 1          | 1          | 0          | 0         | 13         | 3          | 32          |
| 1981              | 8          | 2          | 0         | 4          | 0         | 1          | 1          | 1          | 0          | 0         | 15         | 5          | 37          |
| 1982              | 5          | 0          | 1         | 3          | 1         | 3          | 1          | 2          | 2          | 0         | 19         | 7          | 44          |
| 1983              | 5          | 0          | 0         | 2          | 0         | 1          | 0          | 2          | 2          | 0         | 13         | 2          | 27          |
| 1984              | 6          | 2          | 0         | 2          | 0         | 4          | 0          | 4          | 2          | 4         | 12         | 2          | 38          |
| 1985              | 4          | 2          | 0         | 2          | 0         | 4          | 1          | 2          | 0          | 4         | 10         | 1          | 30          |
| 1986              | 1          | 2          | 0         | 3          | 4         | 4          | 0          | 2          | 2          | 6         | 11         | 4          | 39          |
| 1987              | 2          | 0          | 0         | 2          | 3         | 4          | 0          | 2          | 1          | 0         | 14         | 3          | 35          |
| 1988              | 2          | 2          | 0         | 2          | 2         | 4          | 1          | 2          | 1          | 1         | 17         | 0          | 33          |
| 1989              | 2          | 2          | 0         | 2          | 3         | 4          | 0          | 2          | 1          | 2         | 16         | 0          | 34          |
| 1990              | 0          | 2          | 0         | 2          | 1         | 3          | 2          | 2          | 2          | 0         | 18         | 0          | 32          |
| 1991              | 2          | 1          | 0         | 2          | 1         | 4          | 1          | 2          | 2          | 0         | 16         | 0          | 31          |
| 1992              | 1          | 9          | 0         | 4          | 0         | 3          | 1          | 2          | 2          | 0         | 18         | 1          | 41          |
| 1993              | 0          | 5          | 0         | 4          | 0         | 2          | 1          | 4          | 2          | 0         | 19         | 0          | 41          |
| 1994              | 1          | 10         | 0         | 4          | 0         | 1          | 2          | 3          | 3          | 1         | 14         | 3          | 42          |
| 1995              | 0          | 11         | 0         | 4          | 0         | 3          | 2          | 2          | 2          | 1         | 14         | 3          | 42          |
| 1996              | 1          | 7          | 0         | 6          | 0         | 1          | 4          | 3          | 2          | 1         | 14         | 5          | 44          |
| 1997              | 1          | 5          | 4         | 3          | 1         | 2          | 2          | 3          | 1          | 1         | 13         | 8          | 44          |
| 1998              | 2          | 5          | 0         | 4          | 0         | 1          | 1          | 3          | 0          | 1         | 17         | 5          | 40          |
| 1999              | 1          | 11         | 0         | 4          | 0         | 1          | 3          | 4          | 4          | 1         | 15         | 3          | 47          |
| 2000              | 0          | 4          | 0         | 4          | 1         | 1          | 2          | 2          | 6          | 1         | 16         | 6          | 43          |
| 2001              | 1          | 5          | 0         | 4          | 0         | 1          | 3          | 2          | 3          | 1         | 14         | 4          | 38          |
| 2002              | 0          | 4          | 1         | 4          | 1         | 4          | 3          | 3          | 6          | 1         | 17         | 2          | 46          |
| 2003              | 0          | 8          | 0         | 4          | 0         | 2          | 3          | 3          | 2          | 1         | 17         | 3          | 43          |
| 2004              | 1          | 13         | 0         | 2          | 0         | 1          | 3          | 3          | 2          | 1         | 13         | 5          | 44          |
| 2005              | 0          | 9          | 0         | 4          | 1         | 4          | 3          | 3          | 2          | 1         | 16         | 1          | 44          |
| 2006              | 0          | 9          | 0         | 4          | 0         | 3          | 4          | 3          | 3          | 1         | 17         | 2          | 46          |
| 2007              | 1          | 9          | 0         | 2          | 0         | 3          | 3          | 3          | 3          | 1         | 15         | 3          | 43          |
| 2008              | 1          | 3          | 0         | 5          | 2         | 2          | 3          | 4          | 3          | 1         | 13         | 3          | 41          |
| 2009              | 0          | 14         | 0         | 4          | 2         | 2          | 3          | 0          | 4          | 1         | 14         | 2          | 46          |
| 2010              | 0          | 4          | 0         | 3          | 2         | 2          | 5          | 1          | 6          | 1         | 15         | 2          | 41          |
| 2011              | 1          | 5          | 0         | 4          | 0         | 3          | 4          | 2          | 5          | 0         | 14         | 2          | 40          |
| 2012              | 1          | 5          | 0         | 7          | 0         | 3          | 4          | 2          | 5          | 1         | 18         | 0          | 46          |
| 2013              | 1          | 11         | 0         | 6          | 0         | 2          | 3          | 2          | 5          | 1         | 15         | 2          | 48          |
| 2014              | 1          | 4          | 0         | 5          | 1         | 4          | 4          | 2          | 5          | 1         | 17         | 3          | 47          |
| 2015              | 1          | 9          | 0         | 4          | 2         | 3          | 4          | 2          | 5          | 1         | 11         | 2          | 44          |
| 2016              | 1          | 9          | 0         | 2          | 1         | 3          | 4          | 2          | 4          | 1         | 11         | 2          | 43          |
| 2017              | 1          | 5          | 1         | 5          | 2         | 2          | 4          | 2          | 7          | 2         | 10         | 3          | 43          |
| 2018              | 1          | 6          | 1         | 6          | 2         | 4          | 3          | 2          | 10         | 2         | 14         | 3          | 54          |
| 2019              | 1          | 8          | 0         | 5          | 2         | 2          | 3          | 2          | 10         | 2         | 12         | 5          | 52          |
| 2020              | 1          | 7          | 0         | 4          | 1         | 3          | 4          | 2          | 8          | 2         | 10         | 5          | 47          |
| <b>TOTAL</b>      | <b>204</b> | <b>245</b> | <b>12</b> | <b>217</b> | <b>44</b> | <b>149</b> | <b>106</b> | <b>128</b> | <b>151</b> | <b>81</b> | <b>836</b> | <b>146</b> | <b>2319</b> |
| Current 10 yr AVG | 1.0        | 6.9        | 0.2       | 5.0        | 1.1       | 2.9        | 3.7        | 2.0        | 6.4        | 1.3       | 13.2       | 2.7        | 46.4        |
| Overall AVG       | 3.6        | 4.4        | 0.2       | 3.9        | 0.8       | 2.7        | 1.9        | 2.3        | 2.7        | 1.4       | 14.9       | 2.6        | 41.4        |

## Preliminary 2019-2020 Central Flyway Wingbee Results

### Number of parts processed at the wingbee

| AOU  | Species | Common name                  | Number of parts |
|------|---------|------------------------------|-----------------|
| 1300 | RBME    | Red-Breasted Merganser       | 1               |
| 1310 | HOME    | Hooded Merganser             | 23              |
| 1320 | MALL    | Mallard                      | 4,973           |
| 1330 | ABDU    | American Black Duck          | 3               |
| 1331 | MEDU    | Mexican-like Duck            | 12              |
| 1340 | MODU    | Mottled Duck                 | 28              |
| 1350 | GADW    | Gadwall                      | 2,529           |
| 1360 | EUWI    | Eurasian Wigeon              | 2               |
| 1370 | AMWI    | American Wigeon              | 1,015           |
| 1390 | AGWT    | American Green-Winged Teal   | 1,970           |
| 1401 | BCTE    | Blue-Winged/Cinnamon Teal    | 2,437           |
| 1420 | NSHO    | Northern Shoveler            | 1,012           |
| 1430 | NOPI    | Northern Pintail             | 555             |
| 1440 | WODU    | Wood Duck                    | 549             |
| 1460 | REDH    | Redhead                      | 670             |
| 1470 | CANV    | Canvasback                   | 145             |
| 1480 | GRSC    | Greater Scaup                | 25              |
| 1490 | LESC    | Lesser Scaup                 | 441             |
| 1500 | RNDU    | Ring-Necked Duck             | 528             |
| 1510 | COGO    | Common Goldeneye             | 110             |
| 1520 | BAGO    | Barrow's Goldeneye           | 13              |
| 1530 | BUFF    | Bufflehead                   | 248             |
| 1550 | HARD    | Harlequin Duck               | 1               |
| 1560 | MIHY    | Miscellaneous Hybrid         | 5               |
| 1660 | SUSC    | Surf Scoter                  | 1               |
| 1670 | RUDU    | Ruddy Duck                   | 90              |
| 1690 | SGWH    | Snow Goose (white)           | 254             |
| 1691 | SGBL    | Snow Goose (blue)            | 125             |
| 1700 | ROGO    | Ross' Goose                  | 68              |
| 1710 | GWFG    | Greater White-Fronted Goose  | 117             |
| 1720 | CAGO    | Canada Goose                 | 2,820           |
| 1750 | MIGO    | Miscellaneous Goose          | 5               |
| 1770 | BBWD    | Black-Bellied Whistling Duck | 11              |
| 1780 | FUWD    | Fulvous Whistling Duck       | 1               |
|      |         | Total                        | 20,787          |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Mallard

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 0.89   | 0.69  | 1.72  | 1.66  | 1.66  | 284                |
| KS | 0.48   | 0.40  | 1.42  | 3.35  | 3.35  | 688                |
| MT | 1.12   | 0.95  | 2.67  | 3.25  | 3.25  | 194                |
| NE | 1.06   | 0.84  | 3.48  | 2.61  | 2.61  | 714                |
| NM | 2.34   | 1.94  | 3.78  | 1.83  | 1.83  | 352                |
| ND | 1.64   | 1.24  | 3.66  | 1.73  | 1.73  | 1,210              |
| OK | 0.50   | 0.38  | 1.35  | 1.91  | 1.91  | 580                |
| SD | 1.99   | 1.70  | 4.44  | 3.21  | 3.21  | 707                |
| TX | 0.69   | 0.47  | 2.38  | 1.60  | 1.60  | 323                |
| WY | 0.61   | 0.42  | 2.85  | 1.76  | 1.76  | 273                |
| CF | 0.94   | 0.72  | 2.46  | 2.12  | 2.12  | 5,325              |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Gadwall

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 2.50   | 3.09  | 2.00  | 1.31  | 1.31  | 84                 |
| KS | 1.71   | 1.36  | 2.59  | 1.30  | 1.30  | 161                |
| MT | 21.00  | 9.00  | --    | 0.75  | 0.75  | 45                 |
| NE | 1.91   | 1.57  | 2.43  | 0.97  | 0.97  | 102                |
| NM | 0.70   | 0.56  | 1.18  | 1.69  | 1.69  | 85                 |
| ND | 2.18   | 1.77  | 2.90  | 1.13  | 1.13  | 803                |
| OK | 0.77   | 0.63  | 1.25  | 1.67  | 1.67  | 281                |
| SD | 2.34   | 1.56  | 4.27  | 0.91  | 0.91  | 261                |
| TX | 0.93   | 0.61  | 1.97  | 1.01  | 1.01  | 1,014              |
| WY | 3.42   | 4.38  | 2.55  | 1.25  | 1.25  | 84                 |
| CF | 1.27   | 0.91  | 2.27  | 1.11  | 1.11  | 2,920              |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for American Wigeon

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 3.67   | 2.11  | --    | 1.36  | 1.36  | 42                 |
| KS | 1.11   | 0.82  | 2.40  | 1.50  | 1.50  | 57                 |
| MT | 4.40   | 4.00  | 4.67  | 0.57  | 0.57  | 27                 |
| NE | 1.33   | 1.11  | 2.00  | 1.67  | 1.67  | 56                 |
| NM | 0.84   | 0.65  | 1.44  | 1.48  | 1.48  | 125                |
| ND | 1.46   | 1.06  | 2.65  | 1.18  | 1.18  | 224                |
| OK | 0.96   | 0.78  | 1.78  | 1.94  | 1.94  | 96                 |
| SD | 2.33   | 1.95  | 3.00  | 1.12  | 1.12  | 100                |
| TX | 0.83   | 0.48  | 2.17  | 0.85  | 0.85  | 319                |
| WY | 1.84   | 1.22  | 2.40  | 0.46  | 0.46  | 54                 |
| CF | 1.15   | 0.77  | 2.48  | 1.08  | 1.08  | 1,100              |



Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for American Green-Winged Teal

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 2.38   | 1.89  | 3.50  | 1.21  | 1.21  | 45                 |
| KS | 2.24   | 2.00  | 3.17  | 2.47  | 2.47  | 195                |
| MT | 4.00   | 6.00  | 3.00  | 1.00  | 1.00  | 15                 |
| NE | 2.57   | 2.68  | 2.35  | 2.46  | 2.46  | 296                |
| NM | 1.26   | 1.23  | 1.31  | 1.59  | 1.59  | 79                 |
| ND | 2.71   | 2.17  | 3.86  | 1.20  | 1.20  | 271                |
| OK | 2.22   | 1.74  | 6.60  | 2.42  | 2.42  | 168                |
| SD | 1.82   | 1.85  | 1.77  | 1.62  | 1.62  | 160                |
| TX | 1.50   | 1.06  | 2.81  | 1.12  | 1.12  | 859                |
| WY | 5.75   | 6.00  | 5.50  | 1.09  | 1.09  | 29                 |
| CF | 1.81   | 1.41  | 2.95  | 1.40  | 1.40  | 2,117              |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Blue-Winged/Cinnamon Teal

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 4.50   | 13.00 | 1.67  | 2.60  | 2.60  | 22                 |
| KS | 1.73   | 1.47  | 2.09  | 0.95  | 0.95  | 230                |
| MT | 2.00   | 5.00  | 1.00  | 1.67  | 1.67  | 25                 |
| NE | 3.31   | 2.94  | 3.92  | 1.20  | 1.20  | 541                |
| NM | 5.20   | 5.33  | 5.00  | 1.60  | 1.60  | 31                 |
| ND | 3.91   | 4.95  | 3.31  | 0.86  | 0.86  | 531                |
| OK | 1.44   | 1.00  | 3.00  | 1.17  | 1.17  | 22                 |
| SD | 3.88   | 4.16  | 3.70  | 0.71  | 0.71  | 244                |
| TX | 1.10   | 0.88  | 1.68  | 1.38  | 1.38  | 1,072              |
| WY | 3.00   | 4.25  | 2.17  | 1.31  | 1.31  | 40                 |
| CF | 1.65   | 1.34  | 2.24  | 1.15  | 1.15  | 2,758              |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Northern Shoveler

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 2.00   | 2.50  | 1.00  | 5.00  | 5.00  | 9                  |
| KS | 3.35   | 3.25  | 3.50  | 1.39  | 1.39  | 87                 |
| MT | 6.50   | --    | 3.00  | 1.17  | 1.17  | 15                 |
| NE | 2.00   | 1.53  | 3.00  | 1.10  | 1.10  | 67                 |
| NM | 0.71   | 0.46  | 1.50  | 1.00  | 1.00  | 31                 |
| ND | 4.05   | 3.83  | 4.30  | 1.07  | 1.07  | 335                |
| OK | 4.56   | 2.44  | --    | 1.16  | 1.16  | 50                 |
| SD | 4.78   | 4.35  | 5.42  | 1.34  | 1.34  | 187                |
| TX | 1.90   | 1.55  | 2.51  | 1.08  | 1.08  | 391                |
| WY | 2.50   | 1.00  | 4.00  | 0.25  | 0.25  | 14                 |
| CF | 2.62   | 2.21  | 3.32  | 1.13  | 1.13  | 1,186              |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Northern Pintail

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | --     | --    | --    | 0.67  | 0.67  | 5                  |
| KS | 1.29   | 0.92  | 3.50  | 1.57  | 1.57  | 32                 |
| MT | --     | --    | --    | --    | --    | 2                  |
| NE | 1.92   | 2.50  | 1.00  | 4.00  | 4.00  | 38                 |
| NM | 0.94   | 0.67  | 5.00  | 2.00  | 2.00  | 31                 |
| ND | 2.81   | 2.19  | 4.42  | 1.28  | 1.28  | 165                |
| OK | 1.90   | 1.33  | 7.00  | 1.71  | 1.71  | 31                 |
| SD | 2.30   | 2.50  | 2.00  | 1.88  | 1.88  | 100                |
| TX | 0.89   | 0.55  | 2.70  | 1.09  | 1.09  | 241                |
| WY | --     | --    | --    | 0.33  | 0.33  | 4                  |
| CF | 1.36   | 0.95  | 3.09  | 1.32  | 1.32  | 649                |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Wood Duck

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 2.50   | 2.00  | --    | 4.00  | 4.00  | 7                  |
| KS | 2.14   | 1.80  | 3.00  | 1.50  | 1.50  | 22                 |
| MT | 1.50   | 2.50  | 1.00  | 1.25  | 1.25  | 15                 |
| NE | 7.25   | 5.50  | --    | 3.14  | 3.14  | 33                 |
| NM | 1.20   | 1.00  | --    | 5.00  | 5.00  | 11                 |
| ND | 0.62   | 0.27  | 2.50  | 0.60  | 0.60  | 42                 |
| OK | 2.18   | 2.13  | 2.33  | 2.43  | 2.43  | 35                 |
| SD | 1.16   | 0.82  | 1.88  | 0.93  | 0.93  | 54                 |
| TX | 1.83   | 1.65  | 2.40  | 2.33  | 2.33  | 318                |
| WY | 1.20   | 0.67  | 2.00  | 0.50  | 0.50  | 11                 |
| CF | 1.74   | 1.54  | 2.34  | 2.09  | 2.09  | 548                |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Mottled Duck

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| TX | 1.64   | 1.25  | 2.67  | 1.25  | 1.25  | 30                 |
| CF | 1.64   | 1.25  | 2.67  | 1.25  | 1.25  | 30                 |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Mexican-like Duck

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| NM | 0.43   | 0.50  | 0.33  | 2.00  | 2.00  | 10                 |
| TX | 0.00   | 0.00  | --    | --    | --    | 1                  |
| CF | 0.26   | 0.24  | 0.33  | 2.00  | 2.00  | 11                 |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Redhead

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 1.00   | 1.00  | 1.00  | 1.00  | 1.00  | 4                  |
| KS | 1.44   | 0.89  | 2.00  | 0.44  | 0.44  | 45                 |
| MT | 5.00   | --    | 3.00  | 0.67  | 0.67  | 6                  |
| NE | 2.38   | 2.67  | 2.00  | 1.71  | 1.71  | 54                 |
| NM | 1.75   | 2.33  | 0.00  | --    | --    | 11                 |
| ND | 2.45   | 2.45  | 2.45  | 1.45  | 1.45  | 340                |
| OK | 1.57   | 1.40  | 2.00  | 1.75  | 1.75  | 19                 |
| SD | 2.04   | 2.61  | 1.46  | 1.71  | 1.71  | 146                |
| TX | 1.63   | 1.34  | 2.54  | 1.62  | 1.62  | 280                |
| WY | 1.00   | --    | 0.25  | 3.00  | 3.00  | 8                  |
| CF | 1.90   | 1.73  | 2.24  | 1.49  | 1.49  | 913                |



Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Canvasback

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 3.00   | 1.00  | --    | 0.50  | 0.50  | 4                  |
| KS | 1.00   | 0.33  | --    | 0.50  | 0.50  | 6                  |
| NE | 0.25   | 0.00  | 0.50  | 0.00  | 0.00  | 5                  |
| NM | 3.00   | 2.00  | --    | 2.00  | 2.00  | 4                  |
| ND | 1.34   | 1.21  | 1.45  | 1.06  | 1.06  | 117                |
| OK | 2.00   | --    | 1.00  | 1.00  | 1.00  | 6                  |
| SD | 0.83   | 0.60  | 2.00  | 1.50  | 1.50  | 33                 |
| TX | 1.15   | 1.14  | 1.17  | 1.14  | 1.14  | 28                 |
| WY | --     | --    | --    | 3.00  | 3.00  | 4                  |
| CF | 1.26   | 1.09  | 1.49  | 1.07  | 1.07  | 207                |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Greater Scaup

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|----|--------|-------|-------|-------|-------|-----------------|
| ND | --     | --    | --    | --    | --    | <b>1</b>        |
| SD | --     | --    | --    | 1.00  | 1.00  | <b>2</b>        |
| TX | 0.56   | 0.42  | 1.00  | 1.25  | 1.25  | <b>25</b>       |
| CF | 0.65   | 0.50  | 1.10  | 1.36  | 1.36  | <b>28</b>       |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Lesser Scaup

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 0.50   | 0.50  | --    | --    | --    | 3                  |
| KS | 3.50   | 2.50  | --    | 2.50  | 2.50  | 10                 |
| MT | --     | --    | --    | 0.00  | 0.00  | 2                  |
| NE | 1.50   | 1.00  | 2.00  | 0.50  | 0.50  | 5                  |
| NM | 1.00   | 0.00  | 2.00  | 0.00  | 0.00  | 4                  |
| ND | 0.75   | 0.57  | 1.33  | 1.36  | 1.36  | 338                |
| OK | 3.00   | 6.00  | 0.00  | --    | --    | 8                  |
| SD | 0.71   | 0.65  | 1.00  | 2.86  | 2.86  | 65                 |
| TX | 0.95   | 0.83  | 1.30  | 1.93  | 1.93  | 183                |
| WY | 2.00   | --    | 0.00  | --    | --    | 3                  |
| CF | 0.87   | 0.73  | 1.33  | 1.72  | 1.72  | 621                |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Ring-Necked Duck

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 2.50   | 4.00  | 1.00  | 4.00  | 4.00  | 8                  |
| KS | 1.00   | 0.85  | --    | 11.00 | 11.00 | 28                 |
| MT | 1.00   | 1.00  | --    | --    | --    | 2                  |
| NE | 2.13   | 2.17  | 2.00  | 3.25  | 3.25  | 25                 |
| NM | 1.50   | 2.00  | 1.00  | 2.00  | 2.00  | 5                  |
| ND | 1.53   | 1.05  | 4.29  | 1.40  | 1.40  | 121                |
| OK | 0.79   | 0.83  | 0.64  | 3.89  | 3.89  | 101                |
| SD | 1.45   | 1.16  | 3.33  | 2.20  | 2.20  | 54                 |
| TX | 1.32   | 0.83  | 2.96  | 0.97  | 0.97  | 251                |
| WY | 1.00   | 1.00  | --    | --    | --    | 4                  |
| CF | 1.23   | 0.92  | 2.38  | 1.45  | 1.45  | 599                |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Common Goldeneye

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 2.00   | 2.00  | --    | --    | --    | 3                  |
| KS | 0.78   | 0.25  | 1.20  | 0.17  | 0.17  | 16                 |
| MT | 0.60   | 0.00  | 1.50  | 0.00  | 0.00  | 8                  |
| NE | 0.80   | 0.20  | --    | 0.33  | 0.33  | 9                  |
| NM | --     | --    | --    | 0.00  | 0.00  | 2                  |
| ND | 0.09   | 0.00  | 0.50  | 0.00  | 0.00  | 12                 |
| OK | --     | --    | --    | --    | --    | 1                  |
| SD | 0.67   | 0.00  | 2.00  | 0.00  | 0.00  | 5                  |
| TX | 3.00   | --    | 2.50  | 0.20  | 0.20  | 8                  |
| WY | 2.00   | 1.50  | --    | 3.00  | 3.00  | 12                 |
| CF | 0.90   | 0.41  | 1.76  | 0.41  | 0.41  | 76                 |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Barrow's Goldeneye

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| MT | --     | --    | --    | --    | --    | <b>1</b>           |
| CF | --     | --    | --    | --    | --    | <b>1</b>           |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Bufflehead

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | 1.50   | 2.00  | 1.00  | 2.00  | 2.00  | 5                  |
| KS | 2.33   | 15.00 | 0.75  | 2.50  | 2.50  | 30                 |
| MT | --     | --    | --    | 1.00  | 1.00  | 2                  |
| NE | 0.00   | 0.00  | --    | --    | --    | 2                  |
| NM | 0.93   | 0.44  | 1.80  | 0.44  | 0.44  | 27                 |
| ND | 0.53   | 0.33  | 1.06  | 0.89  | 0.89  | 101                |
| OK | 0.00   | 0.00  | 0.00  | --    | --    | 3                  |
| SD | 0.52   | 0.21  | 2.20  | 0.55  | 0.55  | 50                 |
| TX | 2.18   | 1.00  | 7.67  | 0.61  | 0.61  | 54                 |
| WY | 0.00   | --    | 0.00  | --    | --    | 1                  |
| CF | 1.03   | 0.65  | 1.99  | 0.85  | 0.85  | 275                |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Ruddy Duck

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|----|--------|-------|-------|-------|-------|-----------------|
| KS | --     | --    | --    | --    | --    | 4               |
| MT | --     | --    | --    | --    | --    | 2               |
| NE | --     | --    | --    | --    | --    | 9               |
| NM | 1.00   | --    | --    | --    | --    | 4               |
| ND | 2.60   | --    | --    | --    | --    | 54              |
| SD | 6.00   | --    | --    | --    | --    | 31              |
| TX | 1.60   | --    | --    | --    | --    | 13              |
| WY | --     | --    | --    | --    | --    | 1               |
| CF | 3.07   | --    | --    | --    | --    | 118             |



Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Common Merganser

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| MT | 0.00   | 0.00  | --    | --    | --    | <b>2</b>           |
| CF | 0.00   | 0.00  | --    | --    | --    | <b>2</b>           |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Red-Breasted Merganser

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| TX | --     | --    | --    | --    | --    | <b>1</b>           |
| CF | --     | --    | --    | --    | --    | <b>1</b>           |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Hooded Merganser

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|----|--------|-------|-------|-------|-------|-----------------|
| KS | 2.00   | 0.00  | --    | --    | --    | 3               |
| NE | 0.00   | --    | 0.00  | --    | --    | 1               |
| ND | 0.17   | 0.00  | 0.00  | --    | --    | 14              |
| OK | 0.00   | 0.00  | --    | --    | --    | 1               |
| SD | 4.00   | --    | 0.00  | --    | --    | 5               |
| TX | 0.00   | 0.00  | --    | --    | --    | 1               |
| CF | 0.39   | 0.00  | 0.00  | --    | --    | 25              |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Fulvous Whistling Duck

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| TX | --     | --    | --    | --    | --    | <b>1</b>           |
| CF | --     | --    | --    | --    | --    | <b>1</b>           |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Black-Bellied Whistling Duck

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| TX | 2.67   | --    | --    | --    | --    | 11                 |
| CF | 2.67   | --    | --    | --    | --    | 11                 |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for American Black Duck

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| SD | 0.00   | 0.00  | --    | --    | --    | 1                  |
| CF | 0.00   | 0.00  | --    | --    | --    | 1                  |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Miscellaneous Hybrid

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|----|--------|-------|-------|-------|-------|-----------------|
| CO | --     | --    | --    | --    | --    | 1               |
| NM | --     | --    | --    | --    | --    | 1               |
| SD | --     | --    | --    | --    | --    | 3               |
| CF | --     | --    | --    | --    | --    | 5               |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Eurasian Wigeon

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| CO | --     | --    | --    | 0.00  | 0.00  | 1                  |
| CF | --     | --    | --    | 0.00  | 0.00  | 1                  |



Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Muscovy

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| ND | 0.00   | --    | --    | --    | --    | 1                  |
| CF | 0.00   | --    | --    | --    | --    | 1                  |

Preliminary 2019-2020 Central Flyway Wingbee Results

Species report for Mallard (Domestic)

| St | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----|--------|-------|-------|-------|-------|--------------------|
| NE | 0.00   | 0.00  | --    | --    | --    | 1                  |
| CF | 0.00   | 0.00  | --    | --    | --    | 1                  |

**Hand Tally Central Flyway Wingbee, 2019-2020  
Number of Tail Fans Received (Immatures:Adults)**

| State       | SNOW  | Ross's | WFG   | Small Canadas | Large Canadas |         | CAGO Unknowns         |
|-------------|-------|--------|-------|---------------|---------------|---------|-----------------------|
|             |       |        |       |               | Western       | Eastern |                       |
| CO          | 2:13  | 0:1    |       | 31:111        | 38:150        |         | 1                     |
| KS          | 10:46 | 7:2    | 11:13 | 26:59         |               | 41:113  | 2                     |
| MT          | 2:0   |        | 1:0   | 2:18          | 144:229       |         | 3                     |
| ND          | 47:96 | 18:9   | 7:17  | 12:31         |               | 121:493 | 7                     |
| NE          | 2:4   |        | 1:3   | 13:60         |               | 130:383 | 3                     |
| NM          | 0:1   |        |       |               | 5:7           |         | 0                     |
| OK          | 4:3   | 2:1    | 0:2   | 15:30         |               | 22:46   | 3                     |
| SD          | 30:66 | 12:5   | 3:12  | 1:10          |               | 70:194  | 32                    |
| TX          | 32:67 | 5:13   | 18:30 | 17:29         |               | 5:19    | 2                     |
| WY          | 2:0   | 1:0    |       | 3:12          | 22:71         |         | 2                     |
| Unknown age | 2     | 1      | 0     | 3             | 3             |         | <b>55</b><br>Tot. unk |

|          |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|
| Immature | 131    | 45     | 41     | 120    | 209    | 389    |
| Adult    | 296    | 31     | 77     | 360    | 457    | 1248   |
| Total    | 427    | 76     | 118    | 480    | 666    | 1637   |
| I/A      | 0.4426 | 1.4516 | 0.5325 | 0.3333 | 0.4573 | 0.3117 |

**Total Unknown Size Canadas** 55  
**Total Unk. Age known Geese** 9  
**Total Known Tails** 3,404  
**Total Tails** 3,468

## Preliminary 2019-2020 Central Flyway Wingbee Results

### State report for Central Flyway Total

| Species                      | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|------------------------------|--------|-------|-------|-------|-------|-----------------|
| Common Merganser             | 0.00   | 0.00  | --    | --    | --    | 2               |
| Red-Breasted Merganser       | --     | --    | --    | --    | --    | 1               |
| Hooded Merganser             | 0.39   | 0.00  | 0.00  | --    | --    | 25              |
| Mallard                      | 0.94   | 0.72  | 2.46  | 2.12  | 2.12  | 5,325           |
| Mallard (Domestic)           | 0.00   | 0.00  | --    | --    | --    | 1               |
| American Black Duck          | 0.00   | 0.00  | --    | --    | --    | 1               |
| Mexican-like Duck            | 0.26   | 0.24  | 0.33  | 2.00  | 2.00  | 11              |
| Mottled Duck                 | 1.64   | 1.25  | 2.67  | 1.25  | 1.25  | 30              |
| Gadwall                      | 1.27   | 0.91  | 2.27  | 1.11  | 1.11  | 2,920           |
| Eurasian Wigeon              | --     | --    | --    | 0.00  | 0.00  | 1               |
| American Wigeon              | 1.15   | 0.77  | 2.48  | 1.08  | 1.08  | 1,100           |
| American Green-Winged Teal   | 1.81   | 1.41  | 2.95  | 1.40  | 1.40  | 2,117           |
| Blue-Winged/Cinnamon Teal    | 1.65   | 1.34  | 2.24  | 1.15  | 1.15  | 2,758           |
| Muscovy                      | 0.00   | --    | --    | --    | --    | 1               |
| Northern Shoveler            | 2.62   | 2.21  | 3.32  | 1.13  | 1.13  | 1,186           |
| Northern Pintail             | 1.36   | 0.95  | 3.09  | 1.32  | 1.32  | 649             |
| Wood Duck                    | 1.74   | 1.54  | 2.34  | 2.09  | 2.09  | 548             |
| Redhead                      | 1.90   | 1.73  | 2.24  | 1.49  | 1.49  | 913             |
| Canvasback                   | 1.26   | 1.09  | 1.49  | 1.07  | 1.07  | 207             |
| Greater Scaup                | 0.65   | 0.50  | 1.10  | 1.36  | 1.36  | 28              |
| Lesser Scaup                 | 0.87   | 0.73  | 1.33  | 1.72  | 1.72  | 621             |
| Ring-Necked Duck             | 1.23   | 0.92  | 2.38  | 1.45  | 1.45  | 599             |
| Common Goldeneye             | 0.90   | 0.41  | 1.76  | 0.41  | 0.41  | 76              |
| Barrow's Goldeneye           | --     | --    | --    | --    | --    | 1               |
| Bufflehead                   | 1.03   | 0.65  | 1.99  | 0.85  | 0.85  | 275             |
| Miscellaneous Hybrid         | --     | --    | --    | --    | --    | 5               |
| Ruddy Duck                   | 3.07   | --    | --    | --    | --    | 118             |
| Snow Goose (white)           | 0.32   | --    | --    | --    | --    | 290             |
| Snow Goose (blue)            | 0.85   | --    | --    | --    | --    | 139             |
| Ross' Goose                  | 0.90   | --    | --    | --    | --    | 77              |
| Greater White-Fronted Goose  | 0.56   | --    | --    | --    | --    | 118             |
| Canada Goose                 | 0.35   | --    | --    | --    | --    | 2,844           |
| Miscellaneous Goose          | --     | --    | --    | --    | --    | 5               |
| Black-Bellied Whistling Duck | 2.67   | --    | --    | --    | --    | 11              |
| Fulvous Whistling Duck       | --     | --    | --    | --    | --    | 1               |

## Preliminary 2019-2020 Central Flyway Wingbee Results

### State report for Colorado

| Species                    | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number<br>of Parts |
|----------------------------|--------|-------|-------|-------|-------|--------------------|
| Mallard                    | 0.89   | 0.69  | 1.72  | 1.66  | 1.66  | 284                |
| Gadwall                    | 2.50   | 3.09  | 2.00  | 1.31  | 1.31  | 84                 |
| Eurasian Wigeon            | --     | --    | --    | 0.00  | 0.00  | 1                  |
| American Wigeon            | 3.67   | 2.11  | --    | 1.36  | 1.36  | 42                 |
| American Green-Winged Teal | 2.38   | 1.89  | 3.50  | 1.21  | 1.21  | 45                 |
| Blue-Winged/Cinnamon Teal  | 4.50   | 13.00 | 1.67  | 2.60  | 2.60  | 22                 |
| Northern Shoveler          | 2.00   | 2.50  | 1.00  | 5.00  | 5.00  | 9                  |
| Northern Pintail           | --     | --    | --    | 0.67  | 0.67  | 5                  |
| Wood Duck                  | 2.50   | 2.00  | --    | 4.00  | 4.00  | 7                  |
| Redhead                    | 1.00   | 1.00  | 1.00  | 1.00  | 1.00  | 4                  |
| Canvasback                 | 3.00   | 1.00  | --    | 0.50  | 0.50  | 4                  |
| Lesser Scaup               | 0.50   | 0.50  | --    | --    | --    | 3                  |
| Ring-Necked Duck           | 2.50   | 4.00  | 1.00  | 4.00  | 4.00  | 8                  |
| Common Goldeneye           | 2.00   | 2.00  | --    | --    | --    | 3                  |
| Bufflehead                 | 1.50   | 2.00  | 1.00  | 2.00  | 2.00  | 5                  |
| Miscellaneous Hybrid       | --     | --    | --    | --    | --    | 1                  |
| Snow Goose (white)         | 0.17   | --    | --    | --    | --    | 14                 |
| Snow Goose (blue)          | 0.00   | --    | --    | --    | --    | 1                  |
| Ross' Goose                | 0.00   | --    | --    | --    | --    | 1                  |
| Canada Goose               | 0.26   | --    | --    | --    | --    | 331                |

## Preliminary 2019-2020 Central Flyway Wingbee Results

### State report for Kansas

| Species                     | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|-----------------------------|--------|-------|-------|-------|-------|-----------------|
| Hooded Merganser            | 2.00   | 0.00  | --    | --    | --    | 3               |
| Mallard                     | 0.48   | 0.40  | 1.42  | 3.35  | 3.35  | 688             |
| Gadwall                     | 1.71   | 1.36  | 2.59  | 1.30  | 1.30  | 161             |
| American Wigeon             | 1.11   | 0.82  | 2.40  | 1.50  | 1.50  | 57              |
| American Green-Winged Teal  | 2.24   | 2.00  | 3.17  | 2.47  | 2.47  | 195             |
| Blue-Winged/Cinnamon Teal   | 1.73   | 1.47  | 2.09  | 0.95  | 0.95  | 230             |
| Northern Shoveler           | 3.35   | 3.25  | 3.50  | 1.39  | 1.39  | 87              |
| Northern Pintail            | 1.29   | 0.92  | 3.50  | 1.57  | 1.57  | 32              |
| Wood Duck                   | 2.14   | 1.80  | 3.00  | 1.50  | 1.50  | 22              |
| Redhead                     | 1.44   | 0.89  | 2.00  | 0.44  | 0.44  | 45              |
| Canvasback                  | 1.00   | 0.33  | --    | 0.50  | 0.50  | 6               |
| Lesser Scaup                | 3.50   | 2.50  | --    | 2.50  | 2.50  | 10              |
| Ring-Necked Duck            | 1.00   | 0.85  | --    | 11.00 | 11.00 | 28              |
| Common Goldeneye            | 0.78   | 0.25  | 1.20  | 0.17  | 0.17  | 16              |
| Bufflehead                  | 2.33   | 15.00 | 0.75  | 2.50  | 2.50  | 30              |
| Ruddy Duck                  | --     | --    | --    | --    | --    | 4               |
| Snow Goose (white)          | 0.23   | --    | --    | --    | --    | 49              |
| Snow Goose (blue)           | 0.17   | --    | --    | --    | --    | 7               |
| Ross' Goose                 | 3.50   | --    | --    | --    | --    | 9               |
| Greater White-Fronted Goose | 0.85   | --    | --    | --    | --    | 24              |
| Canada Goose                | 0.39   | --    | --    | --    | --    | 241             |

## Preliminary 2019-2020 Central Flyway Wingbee Results

### State report for Montana

| Species                     | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|-----------------------------|--------|-------|-------|-------|-------|-----------------|
| Common Merganser            | 0.00   | 0.00  | --    | --    | --    | 2               |
| Mallard                     | 1.12   | 0.95  | 2.67  | 3.25  | 3.25  | 194             |
| Gadwall                     | 21.00  | 9.00  | --    | 0.75  | 0.75  | 45              |
| American Wigeon             | 4.40   | 4.00  | 4.67  | 0.57  | 0.57  | 27              |
| American Green-Winged Teal  | 4.00   | 6.00  | 3.00  | 1.00  | 1.00  | 15              |
| Blue-Winged/Cinnamon Teal   | 2.00   | 5.00  | 1.00  | 1.67  | 1.67  | 25              |
| Northern Shoveler           | 6.50   | --    | 3.00  | 1.17  | 1.17  | 15              |
| Northern Pintail            | --     | --    | --    | --    | --    | 2               |
| Wood Duck                   | 1.50   | 2.50  | 1.00  | 1.25  | 1.25  | 15              |
| Redhead                     | 5.00   | --    | 3.00  | 0.67  | 0.67  | 6               |
| Lesser Scaup                | --     | --    | --    | 0.00  | 0.00  | 2               |
| Ring-Necked Duck            | 1.00   | 1.00  | --    | --    | --    | 2               |
| Common Goldeneye            | 0.60   | 0.00  | 1.50  | 0.00  | 0.00  | 8               |
| Barrow's Goldeneye          | --     | --    | --    | --    | --    | 1               |
| Bufflehead                  | --     | --    | --    | 1.00  | 1.00  | 2               |
| Ruddy Duck                  | --     | --    | --    | --    | --    | 2               |
| Snow Goose (white)          | --     | --    | --    | --    | --    | 2               |
| Greater White-Fronted Goose | --     | --    | --    | --    | --    | 1               |
| Canada Goose                | 0.59   | --    | --    | --    | --    | 396             |

## Preliminary 2019-2020 Central Flyway Wingbee Results

### State report for Nebraska

| Species                     | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|-----------------------------|--------|-------|-------|-------|-------|-----------------|
| Hooded Merganser            | 0.00   | --    | 0.00  | --    | --    | 1               |
| Mallard                     | 1.06   | 0.84  | 3.48  | 2.61  | 2.61  | 714             |
| Mallard (Domestic)          | 0.00   | 0.00  | --    | --    | --    | 1               |
| Gadwall                     | 1.91   | 1.57  | 2.43  | 0.97  | 0.97  | 102             |
| American Wigeon             | 1.33   | 1.11  | 2.00  | 1.67  | 1.67  | 56              |
| American Green-Winged Teal  | 2.57   | 2.68  | 2.35  | 2.46  | 2.46  | 296             |
| Blue-Winged/Cinnamon Teal   | 3.31   | 2.94  | 3.92  | 1.20  | 1.20  | 541             |
| Northern Shoveler           | 2.00   | 1.53  | 3.00  | 1.10  | 1.10  | 67              |
| Northern Pintail            | 1.92   | 2.50  | 1.00  | 4.00  | 4.00  | 38              |
| Wood Duck                   | 7.25   | 5.50  | --    | 3.14  | 3.14  | 33              |
| Redhead                     | 2.38   | 2.67  | 2.00  | 1.71  | 1.71  | 54              |
| Canvasback                  | 0.25   | 0.00  | 0.50  | 0.00  | 0.00  | 5               |
| Lesser Scaup                | 1.50   | 1.00  | 2.00  | 0.50  | 0.50  | 5               |
| Ring-Necked Duck            | 2.13   | 2.17  | 2.00  | 3.25  | 3.25  | 25              |
| Common Goldeneye            | 0.80   | 0.20  | --    | 0.33  | 0.33  | 9               |
| Bufflehead                  | 0.00   | 0.00  | --    | --    | --    | 2               |
| Ruddy Duck                  | --     | --    | --    | --    | --    | 9               |
| Snow Goose (white)          | 0.33   | --    | --    | --    | --    | 4               |
| Snow Goose (blue)           | 1.00   | --    | --    | --    | --    | 2               |
| Greater White-Fronted Goose | 0.33   | --    | --    | --    | --    | 4               |
| Canada Goose                | 0.32   | --    | --    | --    | --    | 589             |



## Preliminary 2019-2020 Central Flyway Wingbee Results

### State report for New Mexico

| Species                    | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|----------------------------|--------|-------|-------|-------|-------|-----------------|
| Mallard                    | 2.34   | 1.94  | 3.78  | 1.83  | 1.83  | 352             |
| Mexican-like Duck          | 0.43   | 0.50  | 0.33  | 2.00  | 2.00  | 10              |
| Gadwall                    | 0.70   | 0.56  | 1.18  | 1.69  | 1.69  | 85              |
| American Wigeon            | 0.84   | 0.65  | 1.44  | 1.48  | 1.48  | 125             |
| American Green-Winged Teal | 1.26   | 1.23  | 1.31  | 1.59  | 1.59  | 79              |
| Blue-Winged/Cinnamon Teal  | 5.20   | 5.33  | 5.00  | 1.60  | 1.60  | 31              |
| Northern Shoveler          | 0.71   | 0.46  | 1.50  | 1.00  | 1.00  | 31              |
| Northern Pintail           | 0.94   | 0.67  | 5.00  | 2.00  | 2.00  | 31              |
| Wood Duck                  | 1.20   | 1.00  | --    | 5.00  | 5.00  | 11              |
| Redhead                    | 1.75   | 2.33  | 0.00  | --    | --    | 11              |
| Canvasback                 | 3.00   | 2.00  | --    | 2.00  | 2.00  | 4               |
| Lesser Scaup               | 1.00   | 0.00  | 2.00  | 0.00  | 0.00  | 4               |
| Ring-Necked Duck           | 1.50   | 2.00  | 1.00  | 2.00  | 2.00  | 5               |
| Common Goldeneye           | --     | --    | --    | 0.00  | 0.00  | 2               |
| Bufflehead                 | 0.93   | 0.44  | 1.80  | 0.44  | 0.44  | 27              |
| Miscellaneous Hybrid       | --     | --    | --    | --    | --    | 1               |
| Ruddy Duck                 | 1.00   | --    | --    | --    | --    | 4               |
| Snow Goose (white)         | 0.00   | --    | --    | --    | --    | 1               |
| Canada Goose               | 0.71   | --    | --    | --    | --    | 12              |

## Preliminary 2019-2020 Central Flyway Wingbee Results

### State report for North Dakota

| Species                     | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|-----------------------------|--------|-------|-------|-------|-------|-----------------|
| Hooded Merganser            | 0.17   | 0.00  | 0.00  | --    | --    | 14              |
| Mallard                     | 1.64   | 1.24  | 3.66  | 1.73  | 1.73  | 1,210           |
| Gadwall                     | 2.18   | 1.77  | 2.90  | 1.13  | 1.13  | 803             |
| American Wigeon             | 1.46   | 1.06  | 2.65  | 1.18  | 1.18  | 224             |
| American Green-Winged Teal  | 2.71   | 2.17  | 3.86  | 1.20  | 1.20  | 271             |
| Blue-Winged/Cinnamon Teal   | 3.91   | 4.95  | 3.31  | 0.86  | 0.86  | 531             |
| Muscovy                     | 0.00   | --    | --    | --    | --    | 1               |
| Northern Shoveler           | 4.05   | 3.83  | 4.30  | 1.07  | 1.07  | 335             |
| Northern Pintail            | 2.81   | 2.19  | 4.42  | 1.28  | 1.28  | 165             |
| Wood Duck                   | 0.62   | 0.27  | 2.50  | 0.60  | 0.60  | 42              |
| Redhead                     | 2.45   | 2.45  | 2.45  | 1.45  | 1.45  | 340             |
| Canvasback                  | 1.34   | 1.21  | 1.45  | 1.06  | 1.06  | 117             |
| Greater Scaup               | --     | --    | --    | --    | --    | 1               |
| Lesser Scaup                | 0.75   | 0.57  | 1.33  | 1.36  | 1.36  | 338             |
| Ring-Necked Duck            | 1.53   | 1.05  | 4.29  | 1.40  | 1.40  | 121             |
| Common Goldeneye            | 0.09   | 0.00  | 0.50  | 0.00  | 0.00  | 12              |
| Bufflehead                  | 0.53   | 0.33  | 1.06  | 0.89  | 0.89  | 101             |
| Ruddy Duck                  | 2.60   | --    | --    | --    | --    | 54              |
| Snow Goose (white)          | 0.48   | --    | --    | --    | --    | 85              |
| Snow Goose (blue)           | 0.50   | --    | --    | --    | --    | 60              |
| Ross' Goose                 | 2.00   | --    | --    | --    | --    | 27              |
| Greater White-Fronted Goose | 0.41   | --    | --    | --    | --    | 24              |
| Canada Goose                | 0.25   | --    | --    | --    | --    | 665             |

## Preliminary 2019-2020 Central Flyway Wingbee Results

### State report for Oklahoma

| Species                     | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|-----------------------------|--------|-------|-------|-------|-------|-----------------|
| Hooded Merganser            | 0.00   | 0.00  | --    | --    | --    | 1               |
| Mallard                     | 0.50   | 0.38  | 1.35  | 1.91  | 1.91  | 580             |
| Gadwall                     | 0.77   | 0.63  | 1.25  | 1.67  | 1.67  | 281             |
| American Wigeon             | 0.96   | 0.78  | 1.78  | 1.94  | 1.94  | 96              |
| American Green-Winged Teal  | 2.22   | 1.74  | 6.60  | 2.42  | 2.42  | 168             |
| Blue-Winged/Cinnamon Teal   | 1.44   | 1.00  | 3.00  | 1.17  | 1.17  | 22              |
| Northern Shoveler           | 4.56   | 2.44  | --    | 1.16  | 1.16  | 50              |
| Northern Pintail            | 1.90   | 1.33  | 7.00  | 1.71  | 1.71  | 31              |
| Wood Duck                   | 2.18   | 2.13  | 2.33  | 2.43  | 2.43  | 35              |
| Redhead                     | 1.57   | 1.40  | 2.00  | 1.75  | 1.75  | 19              |
| Canvasback                  | 2.00   | --    | 1.00  | 1.00  | 1.00  | 6               |
| Lesser Scaup                | 3.00   | 6.00  | 0.00  | --    | --    | 8               |
| Ring-Necked Duck            | 0.79   | 0.83  | 0.64  | 3.89  | 3.89  | 101             |
| Common Goldeneye            | --     | --    | --    | --    | --    | 1               |
| Bufflehead                  | 0.00   | 0.00  | 0.00  | --    | --    | 3               |
| Snow Goose (white)          | 1.00   | --    | --    | --    | --    | 6               |
| Snow Goose (blue)           | --     | --    | --    | --    | --    | 1               |
| Ross' Goose                 | 2.00   | --    | --    | --    | --    | 3               |
| Greater White-Fronted Goose | 0.00   | --    | --    | --    | --    | 2               |
| Canada Goose                | 0.49   | --    | --    | --    | --    | 117             |

## Preliminary 2019-2020 Central Flyway Wingbee Results

### State report for South Dakota

| Species                     | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|-----------------------------|--------|-------|-------|-------|-------|-----------------|
| Hooded Merganser            | 4.00   | --    | 0.00  | --    | --    | 5               |
| Mallard                     | 1.99   | 1.70  | 4.44  | 3.21  | 3.21  | 707             |
| American Black Duck         | 0.00   | 0.00  | --    | --    | --    | 1               |
| Gadwall                     | 2.34   | 1.56  | 4.27  | 0.91  | 0.91  | 261             |
| American Wigeon             | 2.33   | 1.95  | 3.00  | 1.12  | 1.12  | 100             |
| American Green-Winged Teal  | 1.82   | 1.85  | 1.77  | 1.62  | 1.62  | 160             |
| Blue-Winged/Cinnamon Teal   | 3.88   | 4.16  | 3.70  | 0.71  | 0.71  | 244             |
| Northern Shoveler           | 4.78   | 4.35  | 5.42  | 1.34  | 1.34  | 187             |
| Northern Pintail            | 2.30   | 2.50  | 2.00  | 1.88  | 1.88  | 100             |
| Wood Duck                   | 1.16   | 0.82  | 1.88  | 0.93  | 0.93  | 54              |
| Redhead                     | 2.04   | 2.61  | 1.46  | 1.71  | 1.71  | 146             |
| Canvasback                  | 0.83   | 0.60  | 2.00  | 1.50  | 1.50  | 33              |
| Greater Scaup               | --     | --    | --    | 1.00  | 1.00  | 2               |
| Lesser Scaup                | 0.71   | 0.65  | 1.00  | 2.86  | 2.86  | 65              |
| Ring-Necked Duck            | 1.45   | 1.16  | 3.33  | 2.20  | 2.20  | 54              |
| Common Goldeneye            | 0.67   | 0.00  | 2.00  | 0.00  | 0.00  | 5               |
| Bufflehead                  | 0.52   | 0.21  | 2.20  | 0.55  | 0.55  | 50              |
| Miscellaneous Hybrid        | --     | --    | --    | --    | --    | 3               |
| Ruddy Duck                  | 6.00   | --    | --    | --    | --    | 31              |
| Snow Goose (white)          | 0.33   | --    | --    | --    | --    | 61              |
| Snow Goose (blue)           | 0.75   | --    | --    | --    | --    | 35              |
| Ross' Goose                 | 2.40   | --    | --    | --    | --    | 18              |
| Greater White-Fronted Goose | 0.25   | --    | --    | --    | --    | 15              |
| Canada Goose                | 0.35   | --    | --    | --    | --    | 311             |
| Miscellaneous Goose         | --     | --    | --    | --    | --    | 5               |

Preliminary 2019-2020 Central Flyway Wingbee Results  
State report for Texas

| Species                      | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|------------------------------|--------|-------|-------|-------|-------|-----------------|
| Red-Breasted Merganser       | --     | --    | --    | --    | --    | 1               |
| Hooded Merganser             | 0.00   | 0.00  | --    | --    | --    | 1               |
| Mallard                      | 0.69   | 0.47  | 2.38  | 1.60  | 1.60  | 323             |
| Mexican-like Duck            | 0.00   | 0.00  | --    | --    | --    | 1               |
| Mottled Duck                 | 1.64   | 1.25  | 2.67  | 1.25  | 1.25  | 30              |
| Gadwall                      | 0.93   | 0.61  | 1.97  | 1.01  | 1.01  | 1,014           |
| American Wigeon              | 0.83   | 0.48  | 2.17  | 0.85  | 0.85  | 319             |
| American Green-Winged Teal   | 1.50   | 1.06  | 2.81  | 1.12  | 1.12  | 859             |
| Blue-Winged/Cinnamon Teal    | 1.10   | 0.88  | 1.68  | 1.38  | 1.38  | 1,072           |
| Northern Shoveler            | 1.90   | 1.55  | 2.51  | 1.08  | 1.08  | 391             |
| Northern Pintail             | 0.89   | 0.55  | 2.70  | 1.09  | 1.09  | 241             |
| Wood Duck                    | 1.83   | 1.65  | 2.40  | 2.33  | 2.33  | 318             |
| Redhead                      | 1.63   | 1.34  | 2.54  | 1.62  | 1.62  | 280             |
| Canvasback                   | 1.15   | 1.14  | 1.17  | 1.14  | 1.14  | 28              |
| Greater Scaup                | 0.56   | 0.42  | 1.00  | 1.25  | 1.25  | 25              |
| Lesser Scaup                 | 0.95   | 0.83  | 1.30  | 1.93  | 1.93  | 183             |
| Ring-Necked Duck             | 1.32   | 0.83  | 2.96  | 0.97  | 0.97  | 251             |
| Common Goldeneye             | 3.00   | --    | 2.50  | 0.20  | 0.20  | 8               |
| Bufflehead                   | 2.18   | 1.00  | 7.67  | 0.61  | 0.61  | 54              |
| Ruddy Duck                   | 1.60   | --    | --    | --    | --    | 13              |
| Snow Goose (white)           | 0.27   | --    | --    | --    | --    | 66              |
| Snow Goose (blue)            | 1.20   | --    | --    | --    | --    | 33              |
| Ross' Goose                  | 0.38   | --    | --    | --    | --    | 18              |
| Greater White-Fronted Goose  | 0.60   | --    | --    | --    | --    | 48              |
| Canada Goose                 | 0.46   | --    | --    | --    | --    | 72              |
| Black-Bellied Whistling Duck | 2.67   | --    | --    | --    | --    | 11              |
| Fulvous Whistling Duck       | --     | --    | --    | --    | --    | 1               |

Preliminary 2019-2020 Central Flyway Wingbee Results  
State report for Wyoming

| Species                    | Imm/Ad | IM/AM | IF/AF | AM/AF | IM/IF | Number of Parts |
|----------------------------|--------|-------|-------|-------|-------|-----------------|
| Mallard                    | 0.61   | 0.42  | 2.85  | 1.76  | 1.76  | 273             |
| Gadwall                    | 3.42   | 4.38  | 2.55  | 1.25  | 1.25  | 84              |
| American Wigeon            | 1.84   | 1.22  | 2.40  | 0.46  | 0.46  | 54              |
| American Green-Winged Teal | 5.75   | 6.00  | 5.50  | 1.09  | 1.09  | 29              |
| Blue-Winged/Cinnamon Teal  | 3.00   | 4.25  | 2.17  | 1.31  | 1.31  | 40              |
| Northern Shoveler          | 2.50   | 1.00  | 4.00  | 0.25  | 0.25  | 14              |
| Northern Pintail           | --     | --    | --    | 0.33  | 0.33  | 4               |
| Wood Duck                  | 1.20   | 0.67  | 2.00  | 0.50  | 0.50  | 11              |
| Redhead                    | 1.00   | --    | 0.25  | 3.00  | 3.00  | 8               |
| Canvasback                 | --     | --    | --    | 3.00  | 3.00  | 4               |
| Lesser Scaup               | 2.00   | --    | 0.00  | --    | --    | 3               |
| Ring-Necked Duck           | 1.00   | 1.00  | --    | --    | --    | 4               |
| Common Goldeneye           | 2.00   | 1.50  | --    | 3.00  | 3.00  | 12              |
| Bufflehead                 | 0.00   | --    | 0.00  | --    | --    | 1               |
| Ruddy Duck                 | --     | --    | --    | --    | --    | 1               |
| Snow Goose (white)         | --     | --    | --    | --    | --    | 2               |
| Ross' Goose                | --     | --    | --    | --    | --    | 1               |
| Canada Goose               | 0.30   | --    | --    | --    | --    | 110             |