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THE WINTER BIRD COUNT FOR 2014-2015

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The 51 Christmas Bird Counts this year (2014-2015) is the same number conducted last year, and just below the average of 52 counts per year since 2000. A majority of physiographic provinces were covered with the exception of the Ozark Plateau in the very southeastern portion of the state (Figure 1). Northwestern portions of Kansas remain under surveyed (Figure 1).

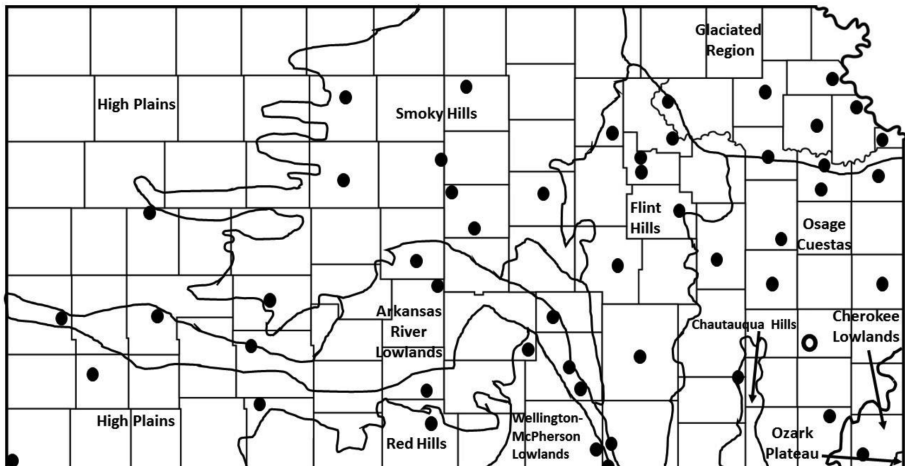


Figure 1. Distribution of the 51 Christmas Bird Counts conducted during the 2014-2015 survey period and the corresponding physiographic provinces. Open circle is a new count, Humboldt, Allen County.

The count period ran from 13 December 2014 through 11 January 2015. Weather conditions were mild, with an average low temperature of 31.8°F and an average high of 43.5°F. Only 10 counts (20%) recorded snow. Humboldt, in Allen County, is a new count this year (Figure 1).

The 591 participants is up from last year's total (541), and above the average of 559 since 2000. As usual, Manhattan had the most participants with 56 followed by Lawrence (32), Olathe (30), Oskaloosa/Perry (28), Salina and Topeka (each with 23), and Quivira National Wildlife Refuge (QNWR, 22). All other counts had fewer than 20 observers. Overall, counts averaged 11.6 participants and 4.9 parties. Participants volunteered a total of 1,631.13 party-hours (avg 31.98/count), up from last year (1,593.73 party-hours, avg 31.25/count) and compiled 12,958.65 party-miles (avg 254.09/count), also up from last year (12,884.45 party-miles, avg 252.64/count).

The mild weather might have been a contributing factor to an increase in species diversity with 170 species observed, averaging 74 per count. It would have been 175 if not for the count week (cw) species (Snowy Egret, Wichita; Dunlin and Sedge Wren, QNWR; Lesser Black-backed Gull, Lawrence) and the Mute Swan (Arkansas City). We don't include the swan because of the difficulty of distinguishing domesticated from wild individuals. Lawrence led with 101 species, the only count to break the century mark. Udall/Winfield with 96, Slate Creek Wetlands (SCW) and Manhattan with 93, and Linn County with 91 were the only counts to record 90+ species. An additional 14 counts had 80+ species recorded, making an impressive 37% (19) of the Kansas counts reporting 80 or more species this year. Only two counts recorded below 50 species: Olsburg (49) and Hays (47). Observers have found an average of 165 species per year since 2000.

Total number of individuals recorded was 9,352,292, a large increase from last year's total of 3,397,480. This year's total was the third highest total recorded since 2000 (18,348,777 in 2002-2003 and 13,822,084 in 2004-2005) and well above the average of 6,574,346 during the same time period. As usual, the disparity in numbers is a reflection of the availability of blackbird roosting habitat. An impressive three counts reported over a million birds: SCW led with 3,514,092 individuals (37.6% of total observed) followed by Wilson Lake with 2,535,809 (27.1%); and Linn County with 1,057,537 (11.3%). Other high counts included Halstead/Newton (722,614), Waconda Lake (208,577), Cheyenne Bottoms (203,246), and Yoder (110,224). Combined, these seven counts account for 89.3% of all birds observed this year. Humboldt and Fall River had the fewest number of individuals with 3,655 and 4,469 respectively.

As expected, the Red-winged Blackbird was the most abundant species with 7,769,877 individuals (83.1% of this year's total), up from last year's 1,771,351 individuals. Snow Goose, with 419,357 individuals (93.6% white form), Brown-headed Cowbird 335,690, European Starling 160,351, Canada Goose 141,538, and Mallard 132,102 were the remaining species with over 100,000 individuals. The Snow Goose, Canada Goose, and Mallard were all down from last

year's totals, likely a reflection of the mild weather not forcing waterfowl south. Both the cowbird and starling were above last year's total.

The Pacific Wren was recorded for the first time on a Kansas count and if accepted by the Kansas Bird Records Committee would be a new State record. Jeff Calhoun found the wren on the Scott Lake count and videoed the bird singing. Another great find was a Pine Grosbeak observed in Junction City, always a rare treat in Kansas. Other taxa represented by single individuals include: a spectacular looking hybrid, blue form Ross's x Snow Goose (Arkansas City); an attractive Mallard x Gadwall hybrid, Brewer's duck (Manhattan); Black Scoter (Marion); Surf Scoter (Waconda Lake); a very late White-faced Ibis (QNWR); Inca Dove (Garden City); Mountain Chickadee (Cimarron National Grassland, CNG); House Wren (Fort Riley); Gray Catbird (Yoder); Sprague's Pipit (Halstead/Newton, no details Ed.); Rufous-crowned Sparrow (Red Hills); Chipping Sparrow and Vesper Sparrow (Salina, no details Ed.); Gray-headed Junco (Webster Reservoir); White-winged Junco (Junction City); and a Yellow-headed Blackbird (Dodge City).

Rare or less common species included: four Black Duck (two at Leavenworth-Atchinson, and one each at Bonner Springs and Wakefield); five Blue-winged Teal (three Cheyenne Bottoms, two Lawrence); 13 Greater Scaup (two Bonner Springs, nine Lawrence, and two at Wichita); three White-winged Scoter (Wilson Lake), which meant all three scoters were reported this year; four Long-tailed Ducks (two each at Marion and Oskaloosa/Perry Lake); 13 Red-breasted Mergansers (four Lawrence, three each at Olsburg and Oskaloosa/Perry Lake, two Junction City, and one at Melvern Reservoir); 59 Ruddy Ducks (high, 16 Wichita, plus 15 additional counts); three eared Grebe (one each Emporia, Olathe, and Waconda Lake); eight Horned Grebe (seven Wilson Lake, one at John Redmond); six Western Grebe (two Marion, and one each Junction City, Udall/Winfield, Waconda Lake, and Wilson Lake); an impressive 191 American White Pelicans on five counts with a high of 168 at John Redmond; two Black-crowned Night Heron at Cheyenne Bottoms; two Northern Goshawks (Fort Riley and Kanopolis Reservoir); and six Virginia Rail (four at QNWR, and one each at SCW and Wilson Lake). Not unusual as species, but the 560 Hooded Mergansers at Fall River and 2,008 American Coots at Wilson Lake are both unusually high numbers.

Interestingly, no Sandhill Cranes were observed this year despite the mild weather. This is only the second time this century they have not been recorded, the other was 2007-2008. The 2007-2008 count was polar opposite of this year, with frigid temperatures and 73.3 % of the counts reporting snow cover. Since 2000, Sandhill Cranes have averaged 7,324 individuals per year. Shorebirds that remained included: 24 Killdeer on nine counts (high of nine at Southeast Kansas Mined Lands); 12 Greater Yellowlegs (10 at Derby, two at SCW); and 12 Wilson's Snipe (seven at SCW, three at Wichita, and two at Red Hills). Unusual and hard to identify gulls included: two Franklin's Gulls (one each at John Redmond and Wichita); and six Thayer's Gulls at John Redmond. Other less common species included: seven Greater Roadrunners, five at Red Hills, one each at Dodge City and Sawyer; two

Ladder-backed Woodpecker, one each at CNG and Sawyer; two Eastern Phoebes (Baldwin and Fall River); two Western Scrub-jays (Garden City and Ulysses); two Chihuahuan Ravens at CNG; five Common Ravens, four at CNG and one at Syracuse, plus two raven species at Syracuse; two Brown Thrashers (Olathe and Udall/Winfield); four Curve-billed Thrashers, two at CNG and one each at Syracuse and Ulysses; seven American Pipits with six at Lawrence and one at Marion; three Orange-crowned Warblers, one each at Olathe, Udall/Winfield, and Wichita; 12 “Audubon” Yellow-rumped Warblers at Garden City is high, not a very common winter resident; and eight LeConte’s Sparrows, three at Lawrence, two each at Red Hills and SCW, and one at Parsons.

Numbers for species of conservation concern include: 28 Trumpeter Swans (high of 20 at Parsons); 302 Greater Prairie-Chickens up from 102 last year (average 176/yr since 2000, 196/yr since 1995), and for the third consecutive year no Lesser Prairie-Chickens were recorded (average 8/yr since 2000, 10/yr since 1995). The 83 Loggerhead Shrikes was a decrease from last year’s 112, but is still above the average of 70 since 2000, though near the 80 avg since 1995. The 17 Northern Shrikes is a decrease for the second consecutive year (last year 24), slightly above the averages of 16 since 1995, and 14 since 2000. Scaled Quail returned, after being missed last year, with 13 individuals (12 Syracuse and one at CNG). The 725 Northern Bobwhite was considerably greater than the 345 reported last year and broke a two year downward drift, but is still below the average of 780 since 2000 and 996 since 1995. Bald Eagle numbers were considerably lower, with 618 reported, lower than last year’s 1,028 individuals, and below the average of 631 since 2000. Lower numbers are likely the result of open water to the north and the corresponding overall low numbers of waterfowl that they usually follow southward, a main food source. After a two year drop in numbers the Northern Harrier increased to 990, but still below the 1,062 average since 2000. For the third consecutive year the Ferruginous Hawk declined with only 22 observed (43 last year), the second lowest total since 1995 (20 in 2006) and well below the average since 1995 of 66; and only five Golden Eagles were observed (nine last year), below the average of 11 since 1995.

The 1,467 Rusty Blackbirds is a rebound from last year’s total of 739, the third largest total since 2000, and above the average of 994 since 2000. The Brewer’s Blackbird count of 5,269 is above last year’s total 4,734, but below the average of 5,833 since 2000. Trends published since 1995 in Kansas are inconclusive (Figure 2), but an examination of previous CBCs during the count period indicate the peaks of both species were a result of large blackbird roosts in the south-central region (Arkansas City and SCW), resulting in high counts. From the same time period, the general distribution within the state shows the main wintering area for Rusty Blackbirds to primarily occur in eastern and central Kansas (Figure 3). The Brewer’s Blackbird primarily occurs in the central part of the state (Figure 3), though it occasionally is reported in large numbers in the west (ex. 700 in Dodge City 2011-2012).

Kansas CBC Data 1995-2014

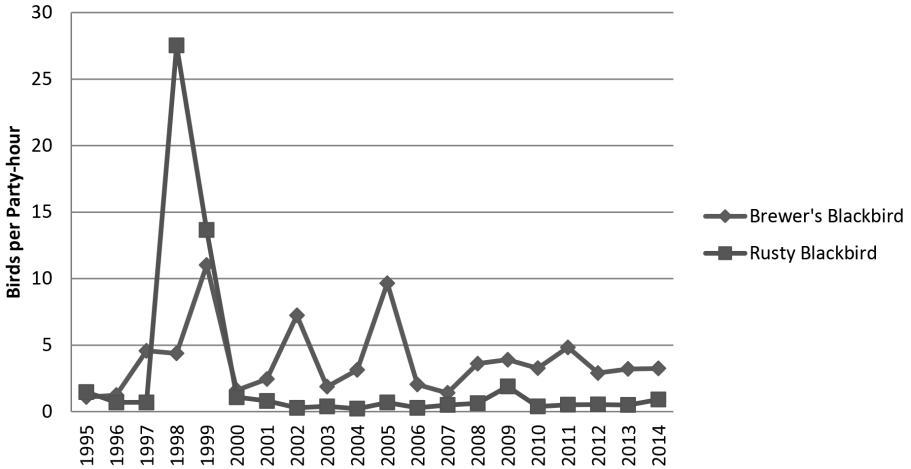


Figure 2. Brewer’s Blackbird and Rusty Blackbird trends on Kansas CBC’s published in the Kansas Ornithological Society Bulletin from 1995-present, based on Party-hours.

The Red-shouldered Hawk increased from last year’s total (45) to set another record of 78, breaking the 71 set in 2012 (average 33/yr since 2000). Red-tailed Hawk (all forms) numbers increased after a two year decrease to 3,381 (2,599 last yr, average 2,976 since 1995). Arkansas City had the high with 172 individuals followed by Olathe with 168, Melvern with 158, SCW with 155, Linn County with 136, Lawrence with 133, Holton with 106, Udall/Winfield with 105, and QNWR with 103. Harlan’s Hawk was down to 54 compared to 62 last year. The 60 Merlin was below last year’s 65. Prairie Falcons decreased from last year’s 61 to 51.

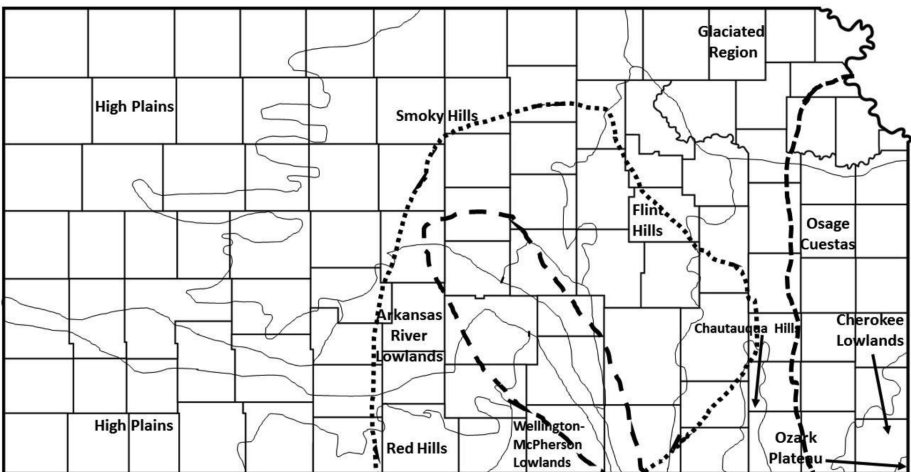


Figure 3. Main distribution of Brewer’s Blackbirds and Rusty Blackbirds on

Kansas CBC's based on data published within Kansas Ornithological Bulletins from 1995 to present. Small squared-line represents Brewer's Blackbirds, large-dashed line represents Rusty Blackbirds.

The 10,616 Eurasian Collared-Dove is a new all-time high breaking the previous record of 7,506 (2010-2011). It was the second most abundant dove on the counts this year, only trailing the Rock Pigeon (10,938) by 322. The collared-dove average since the 1997-1998 CBC is 2,742 per/yr, with an average of 3,289 since 2000. Birds continue to spread throughout the state and averages continue to rise, with 15 counts setting all-time highs this year (Figure 4). The highest totals for any individual count this year were Garden City with 4,072 (average 844/yr since 2000), a record high for Kansas CBC counts; and Scott Lake with 1,767 (average 552/yr since 2000), a record high for that count. White-winged Dove also continue to expand with eight counts reporting 176 individuals (144 Garden City, 17 CNG, eight at Cheyenne Bottoms, two each at Marion and Southeast Kansas Mined Lands, and one each at Dodge City, Halstead/Newton, and Ulysses). They have averaged 80/y since 2000.

Red-headed Woodpeckers were down for the second consecutive year with only 178 individuals, below the average of 261 per/yr since 2000. The 89 Pileated Woodpeckers is a slight increase from last year's 86, well above the average of 56 since 2000, and 49 since 1995. After a slight decrease last year (1,174) the Downy Woodpeckers with 1,512 individuals is the second highest total this century (1,610 in 2012) and is above the 1,268/yr average since 2000.

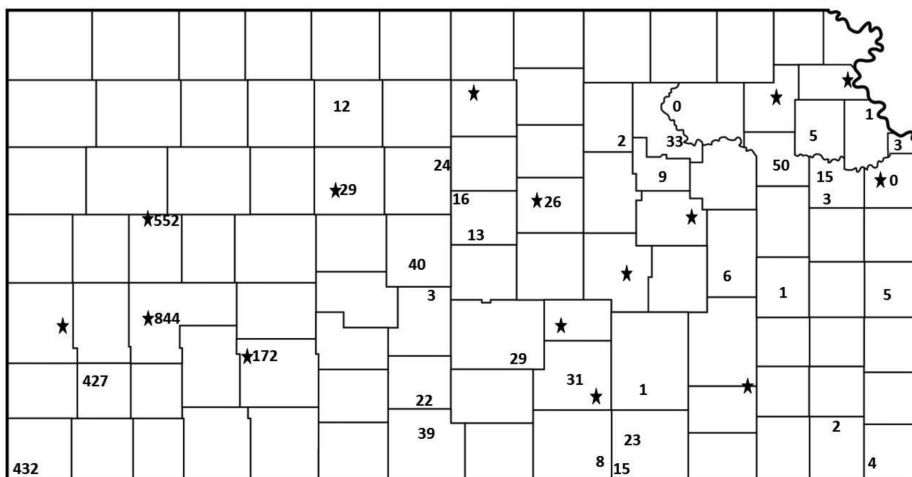


Figure 4. Average number of Eurasian-collared Doves reported since 2000 for 37 counts that conducted a count for a minimal of 14 years (out of 15). Stars are the 15 counts that set record high counts this year.

Black-billed Magpies increased by two from last year to 26, the second lowest number recorded this century, well below the average of 169 since 2000. This is the

ninth consecutive year with numbers below 100. The number of counts reporting birds continues to decline as well, with only five this year (Figure 5).

The Black-capped Chickadee, Carolina Chickadee, Tufted Titmouse, and White-breasted Nuthatch all had increases from last year’s totals. The Carolina Chickadee was slightly below its average since 2000, while the other three species were above.

Thrushes were represented well with 4,622 Eastern Bluebirds (high, 388 Oskaloosa/Perry and 385 Manhattan), 1,143 Mountain Bluebirds (high, 566 Red Hills and 435 Wilson Lake), 14 Townsend’s Solitaire (high, nine Scott Lake), 65 Hermit Thrush (high, 10 Bonner Springs), and 35,977 American Robins (high, 4,655 Arkansas City and 4,270 Lawrence).

Harris’s Sparrow decreased to the lowest total reported since 1995 with only 7,264 individuals reported, well below the average of 10,558 since 2000, and 11,453 since 1995. This might be an artifact of the mild weather and birds not moving as far south.

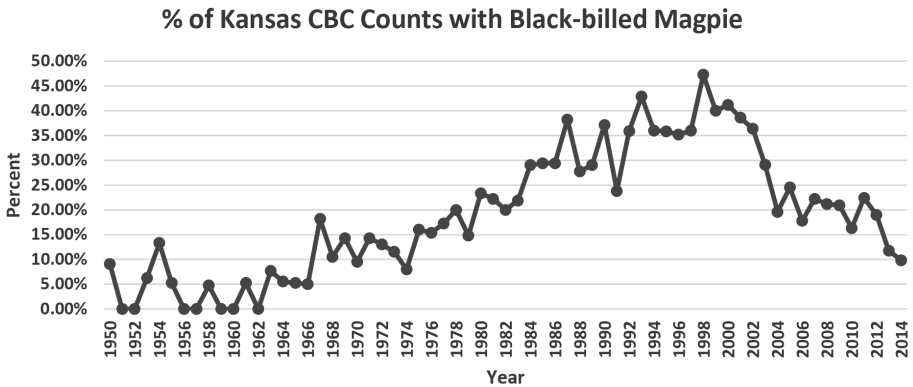


Figure 5. Percent of Kansas CBC’s reporting Black-billed Magpies from 1950-present.

Savannah Sparrows decreased from 171 to 118 this year (225 average since 2000). They were recorded on 10 (19.6%) counts, with a high of 61 observed at SCW. Interestingly, in the 1980s the Savannah Sparrow was a rare and reportable species on Kansas CBC’s. Numbers have continuously increased since then, thus, we decided to examine recent data from 2000-2014. During this 15-yr period numbers are relatively consistent with the exception of peaks in 2005-2006 and 2010-2011 (Figure 6). Over this same time-frame 72 different counts were completed, 45 (62.5%) of which had at least 10 years of data. Using these 45 counts as an indicator, we calculated for each count circle the percent of counts for which the Savannah Sparrow was observed and the average number per count to ascertain the main wintering areas within the state. Based on these data, the southern tier of counties from southeastern, westward to south-central Kansas (Figure 7) contain the counts

with the highest frequencies of years where with Savannah Sparrows and the highest averages during the decade. Perhaps a reflection of climate change as the wintering range has expanded to the north!

Savannah Sparrow CBC Data 2000-2014

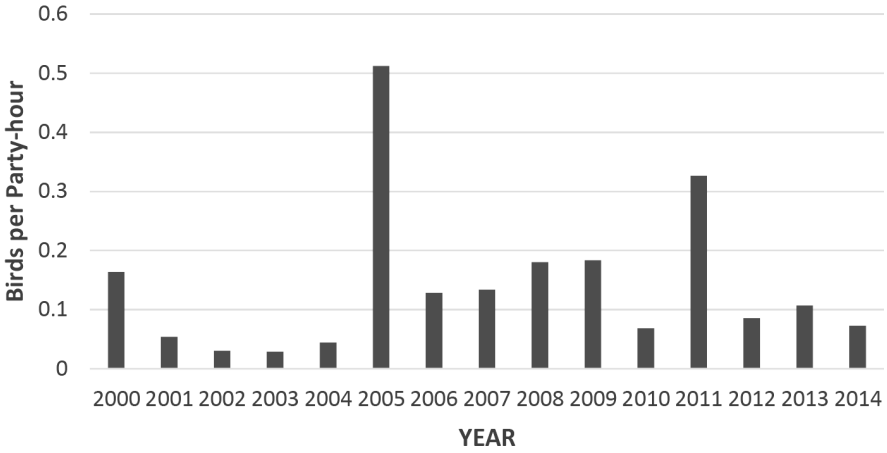


Figure 6. Number of Savannah Sparrows based Party-hours from 2000-2014.

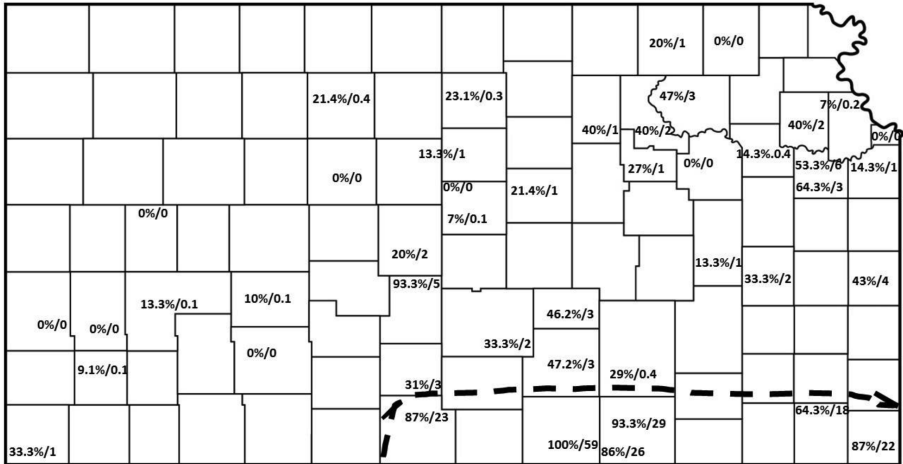


Figure 7. Distribution of Savannah Sparrow’s on 45 Kansas CBC’s from 2000-2014 with at least 10 years of data. The percent is based on the number of years the species was observed in the respective count circle, the second number represents the average number of individuals/per count over the same time period.

The Northern Cardinal increased from last year’s 3,898 to 4,130, but below the average of 4,739 since 2000. The American Goldfinch also increased from last year’s 3,475 to 4,106, but well below the average of 5,311 since 1995. Northern irruptive

species were present in modest numbers, including two Evening Grosbeaks, one each at Halstead/Newton and Scott Lake; 27 Red Crossbills at Manhattan; Red-breasted Nuthatches increased from 25 last year to 67; an impressive 154 Purple Finches (fourth highest number recorded during 2000s, avg 148/yr); and 309 Pine Siskins (38 last yr, avg 577/yr since 2000) were recorded after being virtually absent the previous year. The House Finch numbers increased to 2,976 individuals from last year's 2,067 (average since 2000, 3,034).

Each year NAS publishes a summary of the highest counts for individual species in the U.S. For the 114th CBC, 26 counts were submitted to Audubon (50% of total counts in Kansas last year). High national counts from Kansas included: 21,298 Snow Goose (blue form) at Manhattan; 14 Prairie Falcon at Wilson Lake; 2,175 American Tree Sparrow at Oskaloosa/Perry Lake; and 1,012 Harris's Sparrow at Udall/Winfield (Ortego, B. 2014. 114th CBC US National High Species Count Summary. Web page: <http://www.audubon.org/content/114th-cbc-us-national-high-species-count-summary>).

COUNT DATA

Arkansas City. 37°02'N 97°02'W. Center as described in 1978. 21 December 2014; 7:30 a.m. to 5:30 p.m.; 40°F to 47°F. Wind S to SE 0-20 mph. Still water open, moving water open; a.m. overcast, p.m. overcast, light rain. Eight observers in 4 parties. Total party-hours 34.5 (7 on foot, 27.5 by car), plus 2 hours owling. Total party-miles 342.7 (8 on foot, 334.7 by car), plus 46 miles owling. Total 88 species; 18,559 individuals.

Duane Anderson, Kevin Groeneweg, Patti Marlett, David Reed, Travis Ross, Shawn Silliman, Max Thompson, Eugene Young (compiler-1707 N 7th St., Arkansas City, KS 67005).

Baldwin. 38°47'N 95°16'W. Center as described in 1986. 14 December 2014; 7:30 a.m. to 5:00 p.m.; 55°F to 61°F. Wind S 5-15 mph. Still water open, moving water open; a.m. overcast, p.m. 76-95% cloud cover. Seventeen observers in 5 parties, plus 4 at feeders. Total party-hours 39 (5 on foot, 34 by car), plus 5 hours at feeders and 3 hours owling. Total party-miles 278 (5 on foot, 273 by car) plus 31 miles owling. Total 84 species; 13,807 individuals.

Richard Bean, Jan Boyd, Roger Boyd (compiler-P.O. Box 379, Baldwin City, KS 66006), Bill Busby, Calvin Cink, Taylor Criss, Susan Iverson, Robert Johnson, Sandy Johnson, Scott Kimball, Becky McMillan, Danny McMillan, Barbara Pressgrove, Martin Pressgrove, Sam Richards, Bob Rose, Wendy Rose, Stan Roth, Gary Sanden, Jon Standing, John Tollefson, Anne Walker.

Benedictine Bottoms. 39°36'N 95°08'W. Center as described in 2006. 14 December 2014; 8:00 a.m. to 3:45 p.m.; 54°F to 62°F. Wind S to SSE 5-15 mph. Still water open, moving water open; a.m. overcast, light rain, p.m. overcast. Nine observers in 5 parties. Total party-hours 28.25 (5.75 on foot, 22.5 by car), plus 0.75 hours owling. Total party-miles 172.5 (7.5 on foot, 165 by car), plus 6 miles owling.

Total 66 species; 37,022 individuals.

John Bollin (compiler-17063 Logan Road, Leavenworth, KS 66048), Dan Bowen, Mary Miller, Galen Pittman, Brett Sandercock, John Schmit, John Schukman, Gregory Stempien, Ginger Winder.

Black Wolf. 38°45'N 98°22'W. Center as described in 1993. 10 January 2015; 8:00 a.m. to 5:30 p.m.; 20°F to 43°F. Wind S 15-35 mph. Snow 0-1 inch. Still water frozen, moving water partly open; a.m. clear, p.m. clear. Eleven observers in 4 parties. Total party-hours 23 (5 on foot, 18 by car), plus 1 hour owling. Total party-miles 292 (5 on foot, 287 by car), plus 4 miles owling. Total 57 species; 20,072 individuals.

Henry Armknecht, Judith Collins, Bob Highgate, David Klema, Robert Kruger, Chuck Otte, Robert Penner, Ellen Rader, Jenn Rader, Mike Rader (compiler-Box 395, Wilson, KS 67490), Roger Schultz.

Bonner Springs/Lansing. 39°11'N 94°54'W. Center as described in 1995. 21 December 2014; 7:30 a.m. to 5:00 p.m.; 39°F to 47°F. Wind S 5-20 mph. Still water open, moving water open; a.m. overcast, light rain, p.m. overcast. Eight observers in 5 parties, plus 3 at feeders. Total party-hours 34.5 (7.5 on foot, 27 by car), plus 1.5 hours at feeders. Total party-miles 265.5 (2.5 on foot, 263 by car). Total 78 species; 42,703 individuals.

John Bolin (compiler-17063 Logan Road, Leavenworth, KS 66048), David Herrin, Eric Kilburg, Jennifer Kilburg, Lisa Owens, Galen Pittman, John Schukman, David Seibel.

Cheyenne Bottoms. 38°26'N 98°40'W. Center as described in 1977, however, the past description of the center point has been incorrect. Clarified here as south boundary of Wildlife Area, at intersections of Sections 5,6 (T19S, R12W), and sections 31, 32 (T18S, R12W). 29 December 2014; 8:00 a.m. to 4:30 p.m.; 26°F to 38°F. Wind N 5-12 mph. Still water partly open, moving water partly open; a.m. 1-25% cloud cover, p.m. 76-95% cloud cover. Nineteen observers in 6 parties. Total party-hours 29 (3.5 on foot, 25.5 by car), plus 0.5 hours owling. Total party-miles 271.05 (3.75 on foot, 267.3 by car), plus 12 miles owling. Total 87 species; 203,246 individuals.

Jean Aycock, Kevin Courtois, Elmer Finck, LaVonne Finck, Barry Jones, Ellen Jones, Don Kazmeier, Brenna Martin, Pam Martin, Jay Miller, Rob Penner, Keith Reif, London Reif, Brett Sandercock, Eugene Schneweis, Kim Schneweis, Emily Weiser, Ginger Winder, Curtis Wolf (compiler-186 NE 110 Ave., Ellinwood, KS 67526).

Cimarron National Grasslands. New coordinates and center, 37.117119°N -101.896033°W. Center is located at intersection of highway K27 and the entrance to the CNG picnic area. 27 December 2014; 8:15 a.m. to 5:30 p.m.; 8°F to 37°F. Wind N 0-12 mph. Snow 0.5 inches. Still water mostly frozen, moving water none; a.m. clear, p.m. 1-25% cloud cover. Six observers in 4 parties. Total party-hours 27.25 (9.5 on foot, 17.75 by car). Total party-miles 348.7 (5.5 by foot, 343.2 by car). Total 67

species; 24,349 individuals.

Jeff Calhoun, Jennifer Rader, Mike Rader, Scott Seltman, Max Thompson (compiler- 1729 E. 11th Ave., Winfield, KS 67156), Eugene Young.

Clark County. 37°24'N 99°54'W. Center as described in 2010. 29 December 2014; 7:30 a.m. to 6:00 p.m.; 20°F to 34°F. Wind NE 0-20 mph. Still water partly open, moving water open; a.m. clear, p.m. overcast. Two observers in 1 party. Total party-hours 10.5 (1 on foot, 9.5 by car). Total party-miles 114 (1.0 by foot, 113 by car). Total 59 species; 15,732 individuals.

Jeff Calhoun, Galen Pittman (compiler-12042 258th St, Lawrence, KS 66044).

Council Grove. 38°40'N 96°29'W. Center as described 2010. 10 January 2015; 7:30 a.m. to 5:30 p.m.; 7°F to 23°F. Wind N to S 15-25 mph. Still water frozen, moving water frozen; a.m. 26-50% cloud cover, p.m. 1-25% cloud cover. Eleven observers in 4 parties. Total party-hours 31 (8 on foot, 23 by car), plus 0.5 hours owling. Total party-miles 288 (18 by foot, 270 by car), plus 6 miles owling. Total 83 species; 15,183 individuals.

Aaron Balogh, Kevin Courtois, Bob Hoops, Steve Jennings, Jim Malcom (compiler-5814 SW 26th, Topeka, KS 66402), Brett Sandercock, Elmer Schroeder, Katherine Schroeder, Emily Weiser, Emily Williams, Ginger Winder.

Derby/Belle Plaine. 37°28'N 97°17'W. Center as described in 2012. 23 December 2014; 8:00 a.m. to 5:30 p.m.; 35°F to 28°F. Wind S to N 5 to 17 mph. Still water open, moving water open; a.m. 26-50% cloud cover, p.m. overcast, light snow. Five observers in 3 parties, plus 3 at feeders. Total party-hours 20 (10 on foot, 10 by car), plus 4 at feeders. Total party-miles 203 (7 by foot, 196 by car). Total 78 species; 34,442 individuals.

Jeff Calhoun (compiler-2317 4th Ave., Dodge City, KS 67801), Jessica Calhoun, Kim Calhoun, Dennice Craig, Kevin Groeneweg, Leon Hicks, Patty Marlett, Cheryl Miller, Curt VanBoening.

Dodge City. 37°46'N 99°58' W. Center as described in 1985. 14 December 2014; 7:30 a.m. to 5:00 p.m.; 51°F to 57°F. Wind SSE to E 10-30 mph. Still water open, moving water open; a.m. overcast, light to heavy rain, p.m. 51-75% cloud cover. Four observers in 3 parties, plus 1 at feeders. Total party-hours 20 (4.5 on foot, 15.5 by car), plus 1 hour at feeder. Total party-miles 186.5 (5.5 on foot, 181 by car). Total 56 species; 19,065 individuals.

Jeff Calhoun (compiler-2317 4th Ave, Dodge City, KS 67801), Kendall Jackson, Sara Shane, Tom Shane, Mike Umscheid.

El Dorado Lake. 37°51'N 96°52'W. Center as described in 2003. 27 December 2014; 8:00 a.m. to 5:00 p.m.; 27° to 34°F. Wind N 5-10 mph. Still water open, moving water open; a.m. overcast to clear, p.m. 1-25% cloud cover. Five observers in 2 parties. Total party-hours 8 (3.5 on foot, 4.5 by car), plus 2 hours owling. Total party-miles 166 (3 on foot, 163 by car), plus 15 miles owling. Total species 67; 6,344 individuals.

Beverly DuGay, Charley Green, Michael Heffron, Patty Marlett, Atcha Nolan (compiler-4406 SW 3rd Terrace, El Dorado, KS 67042).

Emporia. 38°27'N 96°05'W. Center as described in 1985. 14 December 2014; 7:00 a.m. to 4:00 p.m.; 54° F to 56° F. Wind SE 12 mph. Still water open, moving water open; a.m. overcast, p.m. overcast. Eleven observers in 4 parties. Total party-hours 32.5 (13 on foot, 19.5 by car). Total party-miles 215.5 (12.5 on foot, 203 by car). Total 72 species; 7,278 individuals.

Andrew Coleman, Roger Ferguson, Sherry Ferguson, Cale Hedges, Bill Jensen, Benjamin Kerbs, Marvin Kuehn, Maya McElfish, Paul McKnab, Emma Pauly-Hubbard, Jean Schulenberg (compiler-1633 Road 250, Admire, KS 66830).

Fall River. 37°41'N 95°60'W. Center as described in 2011. 30 December 2014; 7:30 a.m. to 3:30 p.m.; 17° to 19° F. Wind N 5-10 mph. Still water partly open, moving water partly open; a.m. overcast, snow flurries, p.m. overcast, snow flurries. Three observers in 3 parties. Total party-hours 19.75 (2.5 on foot, 17.25 by car). Total party-miles 217 (1 on foot, 216 by car). Total 62 species; 4,469 individuals.

Kevin Groeneweg, Dan Larson (compiler-3636 SE 77th, Berryton, KS 66409), David Mills.

Fort Riley. 39°9.6' N 96°46.5'W. Center as described in 2008. 6 January 2015; 7:15 a.m. to 4:10 p.m.; 15° F to 24° F. Wind N to NE 10-2 mph. Snow 1-3 inches. Still water frozen, moving water partly open; a.m. 1-25% cloud cover, p.m. 1-25% cloud cover. Six observers in 6 parties. Total party-hours 46 (25 on foot, 21 by car), plus 0.1 hours owling. Total party-miles 215 (15 on foot, 200 by car), zero miles were reported for owling. Total 76 species; 7,481 individuals.

Tom Duckworth, Mike Houck (compiler-DPW Environmental Division, Bldg 407, Pershing Court, Fort Riley, KS 66442), Jeff Keating, Brian Monser, Brett Parsons, Steve Wahle.

Garden City. 37°55'N 100°47'W. Center as described in 2001. 1 January 2015; 7:30 a.m. to 6:00 p.m.; 7° F to 27° F. Wind NW to W 8-0 mph. Still water frozen, moving water open; a.m. 76-95% cloud cover, p.m. 76-95% cloud cover. Eight observers in 5 parties, plus 9 at feeders. Total party-hours 31.25 (6 on foot, 25.25 by car), plus 16 hours at feeders. Total party-miles 270 (3 on foot, 267 by car). Total 61 species; 33,765 individuals.

Irma Ailon, Jeff Calhoun, Cindy Elliott, Jeff Elliott, Carole Geier, Donna Gigot, Art Nonhof, Marie Osterbuhr (compiler-1103 Gillespie Place, Garden City, KS 67846), Ron Osterbuhr, Mike Ramsey, Pamela Ramsey, Sara Shane, Tom Shane.

Halstead/Newton. 38°04'N 97°28'W. Center as described in 1970. 20 December 2014; 7:30 a.m. to 5:00 p.m.; 32° F to 48° F. Wind S to SSW 5-10 mph. Still water partly open, moving water open; a.m. 1-25% cloud cover, p.m. 1-25% cloud cover. Fifteen observers in 6 parties, plus 1 at feeders. Total party-hours 84.25 (25.33 on foot, 58.92 by car), plus 1.5 hours at feeders. Total party-miles 314.75 (17.75 on foot, 297 by car). Total 71 species; 722,614 individuals.

Fred Bartel, Ed Bible, Carol Brockmeier, Bob Dester, Ed Duerksen, William Eash, Daniel Eash, Gregg Friesen, Lorna Harder (compiler-P. O. Box 3000, Hesston, KS 67062), Alison Hiebert, Greta Hiebert, Harv Hiebert, Eric Massanari, Aileen McCune, Dwight Platt, Bob Regier, Dan Rogers, Carolyn Schwab, Rod Wedel.

Hays. 38°51'N 99°27'W. Center as described in 1987. 14 December 2014; 8:00 a.m. to 12:00 p.m.; 54°F to 55°F. Wind SE 10-13 mph. Still water open, moving water open; a.m. overcast, p.m. overcast, rain. Thirteen observers in 4 parties, plus 1 at feeders. Total party-hours 14 (2 on foot, 12 by car), plus 1.5 hours at feeders. Total party-miles 182.25 (2.25 on foot, 180 by car). Total 47 species; 5,472 individuals.

Joe Borra, John Borra, Kasandra Brown, Jeff Carter, Greg Farley (compiler-Department of Biological Sciences, Fort Hays State University, Hays, KS 67601), Yass Kobayaski, Anthony Luna, Nina Luna, Kurt Meier, Bob Nicholson, Bill Stark, Nathan Stark, Jim Strine.

Holton. 39°28'N 95°44'W. Center as described in 2011. 2 January 2015; 7:30 a.m. to 3:30 p.m.; 29°F to 38°F. Wind N 5-10 mph. Still water partly open, moving water partly open; a.m. 76-95% cloud cover, p.m. 76-95% cloud cover. Nine observers in 4 parties. Total party-hours 17 (2 on foot, 15 by car). Total party-miles 219 (2 on foot, 217 by car). Total 57 species; 14,959 individuals.

Doris Burnett, Dan Larson (compiler-3636 SE 77th St., Berryton, KS 66409), Sam Mannell, Terry Mannell, Carol Morgan, Bill Sutton, Gene Willet, John Zempel, Linda Zempel.

Humboldt. NEW COUNT. 37°53'N 95°29'W. Center is at intersection of Minnesota Rd. and 600th St. in Allen County. 14 December 2014; 7:30 a.m. to 5:00 p.m.; 55°F to 66°F. Wind, SSW to SE 10-20 mph. Still water open, moving water open; a.m. overcast, p.m. 76-95% cloud cover. Six observers in 2 parties, plus 2 at feeders. Total party-hours 11 (2 on foot, 9 by car), plus 1 hour at feeders. Total party-miles 151 (1 on foot, 150 by car). Total 51 species; 3,655 individuals.

Jerilyn Connon, Tom Cannon (compiler-1161 600th St., Iola, KS 66749) Amy Hall, Charles Hall, Zula Harris, Ruff Kaufman.

Jetmore. 38°03'N 99°56'W. Center as described in 1999. 22 January 2014; 8:00 a.m. to 4:00 p.m.; 21°F to 37°F. Wind SW to S 8-9 mph. Still water open, moving water open; a.m. overcast, foggy, p.m. overcast. Four observers in 3 parties. Total party-hours 16 (4 on foot, 12 by car), plus 0.5 hours owling. Total party-miles 263.5 (2.5 on foot, 261 by car) plus 10 miles owling. Total 70 species; 13,147 individuals.

Henry Armknecht, Jeff Calhoun (compiler-2317 4th Ave., Dodge City, KS 67801), Mike Rader, Scott Seltman.

John Redmond Reservoir. 38°27'N 95°82'W. Center as described in 1993. 13 December 2014; 8:00 a.m. to 4:30 p.m.; 45°F to 55°F. Wind S 5-15 mph. Still water open, moving open; a.m. overcast, foggy, light rain, p.m. overcast, foggy, light rain. Four observers in 2 parties. Total party-hours 14 (3 on foot, 11 by car), plus 2 hours

owling. Total party-miles 133 (3 on foot, 130 by car), plus 20 miles owling. Total 73 species; 8,537 individuals.

Bob Culbertson (compiler-207 Cheyenne St., New Strawn, KS 66839), Kay Scott, Art Swalwell, Dan Williamson.

Junction City. 39°00'N 96°53'W. Center as described in 1992. 28 December 2014; 7:30 a.m. to 5:30 p.m.; 15°F to 44°F. Wind S 0-9 mph. Still water open, moving water open; a.m. clear, p.m. 1-25% cloud cover. Nine observers in 5 parties. Total party-hours 26.5 (10.5 hours on foot, 16 hours by car) plus 1.25 hours owling. Total party-miles 208.75 (10.25 miles on foot, 198.5 by car), plus 20 miles owling. Total 81 species; 9,904 individuals.

Kevin Courtois, Kevin Groeneweg, Chod Hedinger, Mike Houck, Chuck Otte (compiler-613 Tamerisk Drive, Junction City, KS 66441), Jaye Otte, Brett Sandercock, Pat Silovsky, Emily Weiser.

Kanopolis Reservoir. 38°37'N 97°57'W. Center as described in 1983. 13 December 2014; 7:30 a.m. to 4:00 p.m.; 50°F to 57°F. Wind SE 20-25 mph. Still water open, moving water open; a.m. overcast, foggy, p.m. overcast, foggy. Eleven observers in 6 parties. Total party-hours 35.5 (14 on foot, 21.5 by car), plus 2 hours owling. Total party-miles 279.5 (8 on foot, 271.5 by car), plus 24 miles owling. Total 77 species; 61,645 individuals.

Henry Armknecht, Judy Collins, Brent Galliard, Bob Highgate, Bob Hoopes, Dave Klema, Robert Kruger (compiler-636 East State St., Lindsborg, KS 67456), Jenn Rader, Mike Rader, Roger Schultz, Scott Seltman.

Lawrence. 39°00'N 95°19'W. Center as described in 1981. 20 December 2014; 7:00 a.m. to 5:00 p.m.; 35°F to 49°F. Wind S 8-15 mph. Still water open, moving water open; a.m. 26-50% cloud cover, p.m. 51-75% cloud cover. Thirty-two observers in 12 parties, plus 2 at feeders. Total party-hours 94 (37 on foot, 55 by car, 2 by ATV), plus 3 hours at feeders and 3 hours owling. Total party-miles 508 (33 on foot, 468 by car, 7 by ATV), plus 24 miles owling. Total 101 species; 42,171 individuals.

Bob Antonio, Kelly Barth, Roger Boyd, Karen Carlsen, Kit Carlsen, Kele Carter, Wayne Dahl, Lisa Grossman, Bill Hays, Susan Iversen, Scott Kimball, Jon King, Mick McHugh, Alma Otto, Duane Otto, Rita Otto, Gerry Parkinson, Galen Pittman (compiler-12042 258th St., Lawrence, KS 66044), Sam Richards, Christopher Rogers, Christopher Roth, Stan Roth, Bob Rucker, Dawn Sharp, Kylee Sharp, Jeanette Spencer, John Tollefson, Phil Wedge, Roy Wedge, Joyce Wolf, Ron Wolf, Billy Volle.

Leavenworth-Atchison. 39°23' N 95°00'W. Center as described in 1992. 13 December 2014; 7:30 a.m. to 5:30 p.m.; 48°F to 55°F. Wind S 10-20 mph. Still water open, moving water open; a.m. overcast, p.m. 51-75% cloud cover. Six observers in 5 parties. Total party-hours 23.5 (2 on foot, 21.5 by car). Total party-miles 245 (2 on foot, 243 by car). Total 71 species; 20,393 individuals.

John Bollin III, Eric Kilburg, Dan Larson, Galen Pittman, John Schukman (compiler-14207 Robin Rd., Leavenworth, KS 66048), Ginger Winder.

Linn County. New coordinates and center, 38.286933°N 94.752259°W. Center at the intersection of East 1800 Rd and Queens Rd, approximate southwest corner of Unit G at Marais des Cygnes Wildlife Area. 14 December 2014; 7:15 a.m. to 5:00 p.m.; 31° F to 36° F. Wind N 5-20 mph. Still water open, moving water open; a.m. overcast, light snow, p.m. 76-95% cloud cover. Nine observers in 4 parties, plus 3 at feeders. Total party-hours 32 (11.25 on foot, 20.75 by car), plus 6.5 hours at feeders and 2.75 hrs owling. Total party-miles 217 (9 on foot, 208 by car), plus 15 miles owling. Total species 91; 1,057,537 individuals.

Nick Allen, Jan Boyd, Roger Boyd (compiler-P. O. Box 379, Baldwin City, KS 66006), Matt Gearheart, Mike Gearheart, Mick McHugh, Barbara Pressgrove, Martin Pressgrove, Janet Reynolds, Loren Reynolds, Ruth Reynolds, Nick Varvel.

Manhattan. 39°11.4'N 96°34.8'W. Center as described in 1993. 20 December 2014; 7:30 a.m. to 6:00 p.m.; 38° F to 49° F. Wind SSW 1-15 mph. Still water open, moving water open; a.m. 1-25% cloud cover, p.m. 1-25% cloud cover. Fifty-six observers in 23 parties, plus 2 at feeders. Total party-hours 103.2 (62.5 on foot, 40.7 by car), plus 5.5 hours at feeders, and 1.55 hours owling. Total party-miles 427.5 (64.3 on foot, 363.2 by car), plus 7.13 miles owling. Total 93 species; 73,607 individuals.

Susan Adamchak, Corinne Anderson, Bob Atchison, Melissa Atchison, Diane Barker, Alice Boyle, Ted Cable, Richard Cattrell, Judith Cattrell, Kevin Courtois, Elizabeth Dodd, Kevin Fay, Clyde Ferguson, Ann Feyerharm, Fred Freeman, Pat Freeman, Gayla Genschord, Gary Haden, Joe Hawes, Jane Hebert, Chod Hedinger, Cindy Jeffrey, Gary Jeffrey, Lowell Johnson, Jim Koelliker, Marilyn Koelliker, Eunbi Kwon, Jonathan Lautenbach, Joseph Lautenbach, Roma Lenehan, Eric Maatta, Brandon Magette, Mark Mayfield, Barry Michie, Bob Mohr, Marge Muenzenburger, Amber Myers, Eve Parks, Richard Pitts, EJ Raynor, David Rintoul, Donna Roper, Robert Rosenberg, Brett Sandercock (compiler-Biology Division, 116 Ackert Hall, Kansas State University, Manhattan, KS 66506-4901), Troy Schremmer, Nathan Shipley, Jim Shroyer, Gerry Snyder, Elisabeth Vanderlip, Bram Verheijen, Ian Waters, Emily Weiser, Ellen Welti, Emily Williams, Ginger Winder, Patricia Yeager.

Marion. 38°22'N 97°04'W. Center as described in 2012, but updated to the U.S. Corps of Engineer parking lot, along east edge of dam (this year). 27 December 2014; 8:00 a.m. to 5:00 p.m.; 28° F to 35° F. Wind S to SW 0-10 mph. Still water open, moving water open; a.m. 26-50% cloud cover, p.m. 1-25% cloud cover. Twelve observers in 4 parties, plus 2 at feeders. Total party-hours 24.5 (8 on foot, 16.5 by car), plus 2 hours at feeders, and 0.25 hours owling. Total party-miles 301 (10.5 on foot, 290.5 by car), plus 1 mile owling. Total 81 species; 12,647 individuals.

Todd Becker, Lloyd Davies, Tom Ewert (compiler-1021 N. Lakewind, Wichita, KS 67212), Kevin Groeneweg, Bob Hoopes, Clyde Jost, Dan Jost, Cheryl Miller, Jim Nickles, Marie Plinsky, Carolyn Schwab, Rod Wedel, Gerald Wiens.

Melvern Reservoir. 36°49'N 96°29'W. Center as described in 2013. 1 January 2015; 7:00 a.m. to 5:30 p.m.; 16° F to 39° F. Wind N 0-5 mph. Still water frozen, moving water open; a.m. 1-25% cloud cover, p.m. 51-75% cloud cover. Seven

observers in 3 parties. Total party-hours 22 (4 on foot, 18 by car), plus 1 hour owling. Total party-miles 261 (5 on foot, 256 by car), plus 7 miles owling. Total 85 species; 21,268 individuals.

Glenn Caspers, Steve Howard, Steve Jennings, Jim Malcom (compiler-5814 SW 26th St. Topeka, KS 66614), Tom Redger, Elmer Schroeder, Katherine Schroeder.

Olathe. 38°55'N 94°51'W. Center as described in 1987. 3 January 2015; 7:30 a.m. to 5:00 p.m.; 33°F to 37°F. Wind N to NW 0-5 mph. Still water partly open, moving water partly open; a.m. overcast, foggy, light rain, p.m. overcast. Thirty observers in 7 parties, plus 2 at feeders. Total party-hours 43.25 (34 on foot, 9.25 by car), plus 6 hours at feeders and 2 hours owling. Total party-miles 144.5 (27.5 on foot, 117 by car), plus 12 miles owling. Total 83 species; 9,873 individuals.

Tony Anderson, Betsy Betros, Darren Blackburn, Wendy Blackburn, Lillis Boyer, Devin Coutre, Justin Coutre, Ryan Coutre, Steve Crawford, Wayne Dahl, Wayne Elder, Chris Gaygal, Matt Gearheart, Jennifer Hammett, Sue Kilgore, Micky Louis, Steve MacArthur, Tami Maffitt, John Mallory, Roger McCoy, Marky Mutchler, Gary Richards, Asa Tarrant, Natasha Tarrant, Mark Tarry, Nick Varvel, Jim Walton, Don Weiss, Bryan White, Jeff Witters (compiler-bioguy-witters@gmail.com), Rodney Wright.

Olsburg. 39°25'N 96°39'W. Center as described in 1991. 21 December 2014; 8:00 a.m. to 4:30 p.m.; 37°F to 45°F. Wind S to SW 0-10 mph. Still water open, moving water open; a.m. clear to overcast, p.m. overcast, light rain. Five observers in 2 parties. Total party-hours 14 (2 on foot, 12 by car). Total party-miles 149 (1 on foot, 148 by car). Total 49 species; 6,460 individuals.

Susan Adamchak, Ruth Hooper, Cindy Jeffrey, Gary Jeffrey (compiler-15850 Galilee Rd, Olsburg, KS 66520), Donna Roper.

Oskaloosa/Perry Lake. 39°12.0896'N 95°24.2355'W. Center as described in 1980. 21 December 2014; 7:15 a.m. to 4:30 p.m.; 37°F to 47°F. Wind S to SSE 11-13 mph. Still water open, moving water open; a.m., overcast, p.m. overcast. Twenty-eight observers in 8 parties. Total party hours 60.5 (9.5 on foot, 51 by car), plus 0.25 hours owling. Total party-miles 393.55 (8.55 by foot, 385 by car), plus 0.5 miles owling. Total 80 species; 22,040 individuals.

Robert Antonio, Richard Bean, Pam Chaffee, Elaine Corder, Mark Corder, Dena Friesen, Addie Gish, Dan Gish, Sydney Gish, Todd Gish, Susan Iversen, Jennifer Jones, Mike Laird, Dan Larson, Kathy McDowell, Carol Morgan, Sue Newland, Marie Plinsky, Bob Rucker, Sarah Rucker, Roseanne Smith, Janeen Walters, Bunnie Watkins (Compiler-1003 E 1200 Rd., Lawrence, KS 66047), Joyce Wolf, Ron Wolf, Anja Volverton, John Zemple, Linda Zemple.

Parsons. 37°30'N 95°15'W. Center as described in 1996. 27 December 2014; 7:30 a.m. to 4:45 p.m.; 33°F to 38°F. Wind N 0-5 mph. Snow 0.25 inches. Still water open, moving water open; a.m. overcast, light snow, p.m. 26-50% cloud cover. Four observers in 2 parties. Total party-hours 16.5 (3 on foot, 13.5 by car), plus 2 hours owling. Total party-miles 115.5 (4.5 on foot, 111 by car), plus 15 miles owling. Total

85 species; 11,139.

Andrew Burnett, Brett Houk, Rick Tucker (compiler-P. O. Box 975, Parsons, KS 67357), Pam Vandervoort.

Quivira National Wildlife Refuge. 38°09'N 98°29'W. Center as described in 1972. 16 December 2014; 7:30 a.m. to 5:30 p.m.; 26°F to 39°F. Wind N 15-25 mph. Still water partly open, moving water open; a.m. 26-50% cloud cover, p.m. clear. Twenty-two observers in 6 parties. Total party-hours 44 (13 on foot, 31 by car), plus 1 hour owling. Total party-miles 290 (6 on foot, 284 by car), plus 20 miles owling. Total 89 species; 75,572 individuals.

Jean Aycock, Levi Beaver, Bob Gress, Mary Haddican, Lorna Harders, Barry Jones, Don Kazmaier, Dan Kilby, Jr, Dan Kilby, Sr, Rachel Laubhan, Joyce Lent, Patty Marlett, Cheryl Miller, Jay Newton, Mike Rader (compiler-P.O. Box 395, Wilson, KS 67490), Kristen Remaly, Carolyn Schwab, Diane Seltman, Scott Seltman, Emma Shrack, Deb Williams, Curtis Wolf.

Red Hills. 37°13'N 98°42'W. Center as described in 1994. 3 January 2015; 7:45 a.m. to 5:00 p.m.; 33°F to 37°F. Wind S to NW 1-3 mph. Snow 2 inches. Still water frozen, moving water open; a.m. foggy, 76-95% cloud cover, p.m. overcast, heavy snow. Twelve observers in 4 parties. Total party-hours 37 (9 on foot, 28 by car), plus 3 hours owling. Total party-miles 230.5 (7.5 miles on foot, 223 by car), plus 27 miles owling. Total 81 species; 10,672 individuals.

Aaron Balogh, Tom Ewert, Kevin Groeneweg, Pete Janzen (compiler-3137 Mascot, Wichita, KS 67204-4407), Bill Jensen, Jonathon Lautenbach, Jane Queal, Stan Roth, Brett Sandercock, Lauren Sill, John Standing, Emily Williams.

Salina. 38°50'N 97°83'W. Center as described in 1983. 20 December 2014; 8:00 a.m. to 5:30 p.m.; 32°F to 52°F. Wind S to SSW 5-16 mph. Snow 0.5 inches. Still water open, moving water open; a.m. 1-25% cloud cover, p.m. 1-25% cloud cover. Twenty-three observers in 5 parties, plus 2 at feeders. Total party-hours 34.9 (9.4 foot, 25.5 by car), plus 6 hours at feeders. Total party-miles 330.5 (10.5 on foot, 320 by car). Total 77 species; 17,109 individuals.

Aaron Anders, Dan Baffa, Cassidy Clowers, Diane Clowers, Judy Collins, Gordon Fiedler, Byron Grauerholz, David Haight, Kevin Haight, Bobby Hiebert, Bob Highgate, Jeffrey Kasoff (compiler-407 Blake St., Ellsworth, KS 67439), Kaleb Kroeker, Brent Larsen, Shannon Rayl, Doug Rudick, Ray Stadel, Anne Streckfus, Joseph Streckfus, Marge Streckfus, Daniel Tanksley, David Tanksley, Kathy Thurman, Judy Wagner, Paul Willis.

Sawyer. 37°31.75'N 98°42.14'W. Center as described in 1990. 8 January 2015; 8:15 a.m. to 4:00 p.m.; 12°F to 37°F. Wind S to SW 15-5 mph. Snow 2 inches. Still water partly open, moving water partly open; a.m. 1-25% cloud cover, p.m. 1-25% cloud cover. Thirteen observers in 4 parties, plus 3 at feeders. Total party-hours 20.5 (5.5 on foot, 15 by car), plus 1 hour at feeders. Total party-miles 139.2 (3 on foot, 136.2 by car). Total 69 species; 18,573 individuals.

Aaron Austin, Brian Bartels (compiler-no address provided), Kevin Becker, Ken

Brunson, Lee Ann Brunson, Jeff Conley, Emma Foltz, Jordan Hofmeier, Kent Montei, Duane Panek, Jane Queal, Lee Queal, Ellen Rader, Mike Rader, Mark Van Scoyoc, Ryan Waters.

Scott Lake. 38°35'N 100°56'W. Center as described in 1987. 20 December 2014; 7:30 a.m. to 5:00 p.m.; 25°F to 53°F. Wind SE 0-4 mph. Still water partly open, moving water none; a.m. 1-25% cloud cover, p.m. 51-75% cloud cover. Six observers in 3 parties. Total party-hours 22 (4.5 on foot, 17.5 by car), plus 0.5 hours owling. Total party-miles 207 (2 on foot, 205 by car), plus 2 miles owling. Total 65 species; 8,013 individuals.

Henry Armknecht, Jeff Calhoun, Marie Osterbuhr, Mike Ramsey, Sara Shane, Tom Shane (compiler-1706 Belmont, Garden City, KS 67846).

Slate Creek Wetlands/Oxford. New center and coordinates, actually started during the 2004-2005 CBC, but were not published in 2005 (compiler error), 37.232244°N 97.249507°W. Center located on township road, 3 miles south, 4.5 miles west of Oxford, to include Slate Creek Wetlands, Sumner County, Kansas. 17 December 2014; 7:30 a.m. to 5:30 p.m.; 30°F to 34°F. Wind ESE 6-15 mph. Snow 0.5 inches. Still water open, moving water open; a.m. overcast, light snow, p.m. overcast, light snow. Seven observers in 4 parties. Total party-hours 27.33 (3 on foot, 24.33 by car), plus 1.5 hours owling. Total party-miles 224 (3 on foot, 221 by car), plus 24.4 miles owling. Total 93 species; 3,514,092 individuals.

Duane Anderson, Patty Marlett, Dale Randall, Travis Ross, Eddie Stegall, Max Thompson, Eugene A. Young (compiler-1707 N 7th St, Arkansas City, KS 67005).

Southeast KS Mined Lands. 37°14'N 94°58'W. Center as described in 1992. 1 January 2015; 7:45 a.m. to 3:00 p.m.; 24°F to 32°F. Wind SW 5-15 mph. Still water partly open, moving water open; a.m. overcast, p.m. overcast. Eight observers in 4 parties. Total party-hours 19.5 (1.25 on foot, 18.25 by car). Total party-miles 117.75 (0.75 on foot, 117 by car). Total 57 species; 5,047 individuals.

Wayne Bockelman, Megan Corrigan, Cindy Ford, Steven Ford (compiler-Biology Department, Pittsburg State University, Pittsburg, KS 66763), Lawrence Herbert, Delia Lister, Robert Mangile, Richard Tucker.

Syracuse. 38°00'N 101°52'W. Center as described in 1994. 10 January 2015; 8:00 a.m. to 5:00 p.m.; 26°F to 45°F. Wind S to SW 8-20 mph. Still water partly open, moving water partly open; a.m. 1-25% cloud cover, p.m. 1-25% cloud cover. Six observers in 4 parties. Total party hours 26.5 (9.5 on foot, 17 by car). Total party miles 260.5 (9 on foot, 251.5 by car). Total 64 species; 22,286 individuals.

Jeff Calhoun (compiler-2317 4th Ave. Dodge City, KS 67801), Art Nonhof, Karen Nonhof, Marie Ostebuhr, Scott Seltman, Sara Shane.

Topeka. 39°02'N 95°40'W. Center as described in 1972. 20 December 2014; 7:00 a.m. to 5:00 p.m.; 31°F to 51°F. Wind S 5-10 mph. Still water open, moving water open; a.m. 51-75% cloud cover, p.m. 51-75% cloud cover. Twenty-three observers in 11 parties, plus 6 at feeders. Total party-hours 68 (24 on foot, 44 by car),

plus 8 hours at feeders. Total party-miles 435 (27 on foot, 408 by car). Total 78 species; 31,835 individuals.

Virgil Basgall, Judy Billings, Gary Brecken, Diana Busey, Denise Eulert, Dan Gish, Kelly Haller, Jeff Hansen, Jennifer Jones, Joanna Loucouisiere, Dan Larson (compiler-3636 SE 77th St., Berryton, KS 66409), Michael Llamas, Terry Mannell, Sam Mannell, Kathy McDowell, Bob McElroy, Debra McKee, Carol Morgan, Sue Newland, Tara Porter, Mary Powell, Yorke, Powell, Kim Sain, Rhonda Simpson, Vivian Smith, Hank Tyler, Janeen Walters, Gene Willet, John Zempel, Linda Zempel.

Udall/Winfield. 37°16'N 96°59'W. Center as described in 1972. 14 December 2014; 8:00 a.m. to 5:00 p.m.; 54°F to 57°F. Wind S 8-32 mph. Still water open, moving water open; a.m. overcast, foggy; p.m. overcast, light rain. Eleven observers in 6 parties, plus 1 at feeders. Total party-hours 46 (2 on foot, 44 by car), plus 0.15 hours at feeders and 1 hour owling. Total party-miles 494 (3 on foot, 491 by car), plus 26 miles owling. Total 96 species; 24,089 individuals.

Betty Anderson, Duane Anderson, Terry Barnett, Jane Doris, Kevin Groeneweg, Sue Kill, Bryon Rinke, Travis Ross, Max Thompson (compiler-1729 E. 11th Ave., Winfield, KS 67156), Donna Wilt, Robert Wimmer, Eugene Young.

Ulysses. 37°30'N 101°18'W. Center as described in 1994. 28 December 2014; 8:30 a.m. to 4:00 p.m.; 18°F to 46°F. Wind S 0-5 mph. Still water frozen, moving water none; a.m. 1-25% cloud cover, p.m. 1-25% cloud cover. Eleven observers in 5 parties. Total party-hours 27.5 (9 on foot, 18.5 by car). Total party-miles 318.55 (5.05 on foot, 313.5 by car). Total 56 species; 18,852 individuals.

Irma Ailon, Jeff Calhoun (compiler-2317 4th Avenue, Dodge City, KS 67601), Shelley Hampton, Kellye Hart, Galen Pittman, Mike Rader, Scott Seltman, Sara Shane, Tom Shane, Jeff Trotman, Ron Wheeler.

Waconda Lake. 39°28'N 98°22'W. Center as described in 1992. 22 December 2014; 7:30 a.m. to 5:45 p.m.; 40°F to 51°F. Wind S to SE 10-15 mph. Still water open, moving water open; a.m. 76-95% cloud cover, p.m. 1-25% cloud cover. Six observers in 3 parties. Total party-hours 23.45 (10.45 on foot, 13 by car), plus 1 hour owling. Total party-miles 271.5 (1.5 on foot, 270 by car), plus 7 miles owling. Total 76 species; 208,577 individuals.

Monte Albert, Henry Armknecht (compiler-509 W 23rd St., Hays, KS), Oliver Lindhiem, Mike Rader, Justin Rice, Scott Seltman.

Wakefield. 39°13'N 96°58'W. Center as described in 1993. 21 December 2014; 7:30 a.m. to 3:45 p.m.; 37°F to 43°F. Wind S to SE 5 to 19 mph. Still water open, moving water open; a.m. overcast, p.m. overcast. Five observers in 3 parties, plus 1 at feeders. Total party-hours 14.0 (4.75 on foot, 9.25 by car), plus 1 hour at feeders and 1.25 hours owling. Total party-miles 113.4 (6.5 on foot, 106.9 by car), plus 20.5 miles owling. Total 66 species; 12,668 individuals.

Chod Hedinger, Bob Kruger, Chuck Otte (compiler-613 Tamerisk, Junction City, KS 66441), Ed Raynor, Brett Sandercock.

Webster Reservoir. 39°25'N 99°24'W. Center as described in 1992. 2 January 2015; 7:45 a.m. to 5:15 p.m.; 6°F to 32°F. Wind W 0-5 mph. Snow 1-4 inches. Still water frozen, moving water partly open; a.m. clear, p.m. clear. Three observers in 2 parties. Total party-hours 17 (7 on foot, 10 by car). Total party-miles 178 (2 on foot, 176 by car). Total 73 species; 49,324 individuals.

Henry Armknecht, Kurtis Meier, Mike Rader (compiler-P.O. Box 395, Wilson, KS 67490).

Wichita. 37°41'N 97°21'W. Center as described in 1955. 20 December 2014; 7:30 a.m. to 5:00 p.m.; 35°F to 48°F. Wind S 9-18 mph. Still water open, moving water open; a.m. 26-50% cloud cover, p.m. 76-95% cloud cover. Eighteen observers in 7 parties. Total party-hours 57.75 (26.25 on foot, 31.5 by car), plus 2.5 hours owling. Total party-miles 385.5 (24.75 on foot, 361 by car), plus 28 miles owling. Total 89 species; 68,965 individuals.

Duane Anderson, Tom Ebben, Tom Ewert, Bob Gress, Kevin Groeneweg (compiler-2603 S. Capri Ln, Wichita, KS 67210), Mike Heaney, Dallas Hewett, Jake Holem, Pete Janzen, Dexter Mardis, Patty Marlett, Jim Mason, Cheryl Miller, Dale Randall, Molly Reichenborn, Eddie Stegall, Curt VanBoening, Joe Warren.

Wilson Lake. 38°56'N 98°34'W. Center as described in 1994. 16 December 2014; 7:30 a.m. to 5:30 p.m.; 48°F to 60°F. Wind SE 10-30 mph. Still water open, moving water open; a.m. 76-95% cloud cover, foggy, light rain, p.m. 76-95% cloud cover, light rain. Nine observers in 5 parties. Total party-hours 28 (9 on foot, 19 by car). Total party-miles 373 (5 on foot, 368 by car). Total 84 species; 2,535,809 individuals.

Henry Armknecht, Brent Galliard, Dave Klema, Robert Kruger, Ellen Rader, Jennifer Rader, Mike Rader (compiler-P.O. Box 395, Wilson, KS 67490), Roger Schultz, Scott Seltman.

Yoder. 37°55'N 97°50'W. Center as described in 2000. 18 December 2014; 8:00 a.m. to 2:00 p.m.; 30°F to 36°F. Wind N 3-7 mph. Snow 1 inch. Still water open, moving water open; a.m. overcast, p.m. 26-50% cloud cover. Fifteen observers in 6 parties. Total party-hours 31.5 (4.5 on foot, 27 by car). Total party-miles 230.75 (7.75 on foot, 223 by car). Total 64 species; 110,224 individuals.

Mary Clark (compiler-Dillon Nature Center, 3002 E 30th, Hutchinson, KS 67502), Kris Davis, Dan Dyck, Linda Dyck, Tom Ewert, Steven Kinser, Andrew Miller, Anthony Miller, Dwight Miller, Jay Miller, Joseph Miller, Michael Miller, Verna Miller, Sarah Parsons, Mark Rogers.

2014-2015 KOS CBC Table Species	Arkansas City	Baldwin	Benedictine Bottoms	Black Wolf	Bonner Springs	Cheyenne Bottoms	Cimarron NG	Clark County	Council Grove	Derby Belle Plaine	Dodge City	El Dorado Lake	Emporia	Fall River
Greater White-fronted Goose	98					251		45	1	317	1000			
Snow Goose (white form)	43	7	26072		18000	62990		10000	271	9	5900		457	
Snow Goose (blue form)	2		6518		2001	10			43		100			
Ross's x Snow Goose (blue form)	1													
Ross's Goose	4		12			3		500		16	7			1
Cackling Goose	1093	57	27	10	18	383	35	45	420	589	64	50	16	1
Canada Goose	1586	4064	1012	120	13182	2052	27	500	3200	6430	1033	1189	3246	274
Trumpeter Swan		3												
Tundra Swan														
Wood Duck						4								
Gadwall	140	188	2		26	1		2				106	17	30
American Wigeon	6	36				2		4	8					
American Black Duck						10		30	2		62			
Mallard	1012	101	508	1	2600	3128	160	3000	1300	1132	87	74	86	675
Mallard x Gadwall														
Blue-winged Teal						3								
Northern Shoveler	25		1		1	18	26	CW	6	18				
Northern Pintail	1					463		6						
Green-winged Teal		1			3	36	1	2	47			2		
Canvasback	3	18			17	3			6	6			1	1
Redhead	1	31			11	84			3			2		
Ring-necked Duck	12	45			240	11		2	6	28		2		
Greater Scaup					2									
Lesser Scaup					18	CW		CW	12	50		9	12	
Black Scoter	14													
Surf Scoter														
White-winged Scoter														
Long-tailed Duck														
Bufflehead		5			1	24			3			2	8	1
Common Goldeneye	14	1	27		71	69			156	7		15	8	5
Hooded Merganser	80	9				5		2	3	22		2	2	560
Common Merganser			2		20	2		CW	60			20	4	625
Red-breasted Merganser														
Ruddy Duck		1	4		2					2				1
duck sp.						27618								
Scaled Quail							1							
Northern Bobwhite	2				3	CW	18		71		14	12	17	
Ring-necked Pheasant	5		CW	5		28	2	6	1	5	25	1	8	
Greater Prairie-Chicken				54		CW			7					
Wild Turkey	59	104	21	125	6	23			66	35		140		
Common Loon														
Pied-billed Grebe	1	1			5	3		13						
Eared Grebe													1	
Horned Grebe														
Western Grebe														
Double-crested Cormorant	5				2			1				3	2	
American White Pelican														
Great Blue Heron	9	1	1		2	13		1		17		4		
Snowy Egret														
Black-crowned Night-Heron						2								
White-faced Ibis														
Bald Eagle (undifferentiated)														
Bald Eagle (adults)	11	2	25	1	6	37	1	1	7	11		3	6	4
Bald Eagle (immatures)	4		31		6	20		1	2	2		2		8
Northern Harrier	39	13	4	33	1	80	28	15	39		11	17	18	15
Sharp-shinned Hawk	4	2		1			5		1	2		2	1	1
Cooper's Hawk	4	1		1	4	2	1		1	1	1	1		1
Northern Goshawk														
Accipiter sp.														
Red-shouldered Hawk	4	11							4					1
Red-tailed Hawk	172	98	37	68	67	95	36	15	94	50	46	55	35	21
Red-tailed Hawk (Harlan's)	4	1	1	1		3					2	2	1	
Ferruginous Hawk						2	2							
Rough-legged Hawk	3	2		4		8	3	9	7		1	1	4	2
Buteo sp.						1								
Golden Eagle							1							
Virginia Rail														
American Coot		3			83	31		30		3				
Killdeer										2				
Greater Yellowlegs										10				
Dunlin														
Wilson's Snipe						CW								
Bonaparte's Gull														17
Franklin's Gull														
Ring-billed Gull	4	19	4		6	94	1	2	16	6		58	237	326
Herring Gull						28			1					
Thayer's Gull														
Lesser Black-backed Gull														
gull sp.														
Rock Pigeon	6	21	96	275	71	80	236	40	178	16	1021	11	48	5
Eurasian Collared-Dove	8	15	11	45	10	131	1075	80	15	98	943	5	23	5
Inca Dove														
White-winged Dove						8	17				1			
Mourning Dove	52	45	5	1	56	8	123	8	25	46	62	31	26	2
Greater Roadrunner											1			
Barn Owl							14	3			1			
Eastern Screech-Owl	5	3		1				2	1				5	
Great Horned Owl	11	5	2	2	2	2	7	2	1	1	10		4	
Barred Owl	20	4	2	2	2							2	2	
Long-eared Owl												2	1	
Short-eared Owl									3					
Belted Kingfisher	3		1		1			2		7		2	2	
Red-headed Woodpecker	4	5	8		7				1			2	3	3
Red-bellied Woodpecker	87	76	38	23	66	11		6	55	47	3	19	18	13
Yellow-bellied Sapsucker	7	4	1		14	1			8	2		4	2	2
Ladder-backed Woodpecker							1							
Downy Woodpecker	52	54	28	21	41	9	6	4	26	45	7	18	16	6
Hairy Woodpecker	13	11	3	4	8	4	1	4	4	15	5	14	2	5
Northern Flicker (unidentified)	34		24	16	26	29	14	17	6	20	27	2		10

2014-2015 KOS CBC Table Species	Arkansas City	Baldwin	Benedictine Bottoms	Black Wolf	Bonner Springs	Cheyenne Bottoms	Cimarron NG	Clark County	Council Grove	Derby Belle Plaine	Dodge City	El Dorado Lake	Emporia	Fall River
N. Flicker (yellow-shafted)	20	64	4	4	27	23	1		45	10	6	15	29	3
N. Flicker (red-shafted)	1					11	11		1	1	3		4	
Pileated Woodpecker	6	4	2		1				1	9		3	1	4
American Kestrel	48	17	14	24	14	9	30	6	7	1	16	7	10	4
Merlin				1			8	2	3				1	
Peregrine Falcon						2								
Prairie Falcon	1			2		2	4	3			2		1	1
<i>Falco</i> sp.				1										
Eastern Phoebe		1												1
Loggerhead Shrike	2	1		3		2	14	1	2			3	2	1
Northern Shrike				1			2	1	1					
Blue Jay	139	69	63	6	143	8	2		55	27	5	7	50	62
Western Scrub-Jay														
Black-billed Magpie											3			
American Crow	366	324	56	17	112	1		9	233	93	1	59	659	394
Chihuahuan Raven							2							
Common Raven							4							
raven sp.														
Horned Lark	120	103	16	240		477	4248	60	30	60	385		5	
Carolina Chickadee	133							1						30
Black-capped Chickadee	1	113	53	17	118	1			74	63		26	57	
Mountain Chickadee							1							
Tufted Titmouse	55	70	27		66				28	62		16	11	7
Red-breasted Nuthatch	2	1		CW		4	3			1	2			
White-breasted Nuthatch	10	44	26	14	41	15	2	2	11	12	3	10	15	6
Brown Creeper	12	9	6	3	6	2			5	3	4	10	5	3
House Wren														
Winter Wren	3	3	1		2	2		2	2	4		3	2	
Pacific Wren														
Sedge Wren														
Marsh Wren						1	3							
Carolina Wren	47	30	11	6	11	4		1	12	40	3	15	8	3
Bewick's Wren	1							CW		1				
Golden-crowned Kinglet	15	11	2	CW	7	3			4	9	4	2	8	
Ruby-crowned Kinglet	5	3	1	3	7	1	1		3	7		2	2	
Eastern Bluebird	255	243	40	36	207	7		1	125	80		42	54	55
Mountain Bluebird				64										
Townsend's Solitaire														
Hermit Thrush	3	2	2		10					2				
American Robin	4655	2628	111	81	878	112	14	40	487	1343	36	75	291	50
Gray Catbird														
Northern Mockingbird	8	11	4	1	11	1			3	5		2	1	1
Brown Thrasher														
Curve-billed Thrasher							2							
European Starling	3643	1398	599	6112	1005	1620	548	120	2562	8342	837	3295	369	24
American Pipit														
Sprague's Pipit														
Cedar Waxwing	183	131	106	CW	244	15		2	255	21	12		60	1
Lapland Longspur	CW	1		200		83	12227			21	2491			
Chestnut-collared Longspur							4							
Smith's Longspur													83	
McCown's Longspur							7							
longspur sp.														
Orange-crowned Warbler														
Yellow-rumped Warbler (Myrtle)	112	68	3		62	1	2	2	53	29		23	6	28
Yellow-rumped Warbler (Audubon's)														
Spotted Towhee	8			CW	1	2			1	2				
Eastern Towhee	1		1											
Rufous-crowned Sparrow														
American Tree Sparrow	129	82	93	225	69	347	327	240	544	29	91	235	50	295
Chipping Sparrow														
Field Sparrow	2	2				3	13			2				3
Vesper Sparrow														
Savannah Sparrow														
Le Conte's Sparrow														
Fox Sparrow	1	4	2		6				1	1		1	4	1
Song Sparrow	36	4	35	18	18	13	40	10	13	32	11	2	9	5
Lincoln's Sparrow		1				1	1		1					
Swamp Sparrow		1	6		1	1	2							
White-throated Sparrow	5	2	17		29					7			1	
Harris's Sparrow	489	21	25	240	78	117	2	5	149	272	80	48	85	8
White-crowned Sparrow	12	1	1	1		4	862	10	14	17	48	3		
Dark-eyed Junco (undifferentiated)	72			170		130	142			213	66			306
Junco (Slate-colored)	870	379	177	90	349	85	209	75	356	109		289	102	
Junco (Oregon)	9		1		2	2	11					1	1	
Junco (Pink-sided)	3						1							
Junco (Gray-headed)														
Junco (White-winged)														
Northern Cardinal	260	87	45	26	87	14		5	64	117	7	45	44	18
Red-winged Blackbird	1195	1968	685	8500	1554	100471	2265	600	3288	11263	906	67	366	350
Eastern Meadowlark	17	66	5		19				10		1		18	
Western Meadowlark		160	1	2		44	638	5	1		66			30
meadowlark sp.	447	76	74	160	33	429		50	87	177	156	12		11
Yellow-headed Blackbird											1			
Rusty Blackbird	12	7			70				6	5				101
Brewer's Blackbird	30		8	375			1	CW	108		30		231	
Common Grackle		3		23		9	26			1200			7	
Great-tailed Grackle					300	100	15			1000		1459		
Brown-headed Cowbird	10	44		605	41		15		19	150	45		2	1
blackbird sp.				1300		650	20			260	1294			
Pine Grosbeak														
Evening Grosbeak														
Purple Finch	2	16			25									3
House Finch	37	142	17	14	93	25	24		75	39	65	51	9	1
Red Crossbill														
Pine Siskin	CW		1	1	1	8	12		3	26				
American Goldfinch	78	124	38	52	114	79	14	2	43	78	23	18	29	27
House Sparrow	221	200	115	620	132	368	737	80	211	110	467	66	247	10
TOTAL SPECIES	88	84	66	57	78	87	67	59	83	78	56	67	72	62
TOTAL INDIVIDUALS	18559	13807	37022	20072	42703	203246	24349	15732	15183	34442	19065	6344	7278	4469

2014-2015 KOS CBC Table Species	Fort Riley	Garden City	Halstead/ Newton	Hays	Holton	Humbolt	Jetmore	John Redmond	Junction City	Kanopolis Reservoir	Lawrence	Leavenworth Atchison	Linn County	Manhattan
Greater White-fronted Goose			75		12		1	30			CW		367	4
Snow Goose (white form)	421	218	273		682		209	3235	75	2	1525	90		45267
Snow Goose (blue form)	103			1				1000				20		3602
Ross's x Snow Goose (blue form)														
Ross's Goose							6				3	5		38
Cackling Goose	20	4	49	3	12	3	12	6	8		99	56	9	178
Canada Goose	2065	512	6243	247	6608	330	140	1000	576	28	5125	1780	644	5019
Trumpeter Swan												2		
Tundra Swan														
Wood Duck		16		6										2
Gadwall	12					CW	20	29	32	1	19	1	92	26
American Wigeon		46					45				16		1	2
American Black Duck												2		
Mallard	86	316	801	15	1825	602	2000	600	3611	129	7010	15600	50489	928
Mallard x Gadwall														1
Blue-winged Teal											2			
Northern Shoveler								3	55	3	25		2	36
Northern Pintail							2				2	7	5	CW
Green-winged Teal	14	6		1		10	16	1	13	16	3	20	1	98
Canvasback								4	2			1		
Redhead	4						5	4	12		3	2	1	2
Ring-necked Duck								19	12		3	50	1	17
Greater Scaup											9			
Lesser Scaup							16	50	30	6	68	6		19
Black Scoter														
Surf Scoter														
White-winged Scoter														
Long-tailed Duck														
Bufflehead							1	23	12	1	16			3
Common Goldeneye	2		2		10			125	879	922	410	42	8	44
Hooded Merganser	4						1		3	7	15		8	23
Common Merganser					101		1	68	18	166	1125	3	1	373
Red-breasted Merganser									2		4			
Ruddy Duck							2				2	3	2	3
duck sp.														
Scaled Quail														
Northern Bobwhite	48	36	5	22	4	10		CW	10	17	1			1
Ring-necked Pheasant	3	28	7	15	1		18		5	3				
Greater Prairie-Chicken	163									7				CW
Wild Turkey	47		58	272	1	12	11	12	70	101	39	10	33	496
Common Loon								1			CW		5	
Pied-billed Grebe								5			CW	1	36	
Eared Grebe														
Horned Grebe								1						
Western Grebe									1					
Double-crested Cormorant							1	212	7	12	1		17	7
American White Pelican								168					1	
Great Blue Heron	3		13	1	2	CW		6	21	2	7		14	16
Snowy Egret														
Black-crowned Night-Heron														
White-faced Ibis														
Bald Eagle (undifferentiated)														
Bald Eagle (adults)	33		1		6	2		3	24	1	13	14	6	47
Bald Eagle (immatures)	12				2		1	4	20	1	7	11	5	21
Northern Harrier	12	12	7	3	8	19	76	9	4	21	9	1	23	15
Sharp-shinned Hawk	4	4	2	2			1		2	2	4	3	1	7
Cooper's Hawk	3	3	2	2		2		1	1	1	5		3	12
Northern Goshawk	1									1				CW
Accipiter sp.			1											1
Red-shouldered Hawk	1				1	1					7		11	2
Red-tailed Hawk	48	71	83	32	106	43	38	18	75	49	133	26	136	95
Red-tailed Hawk (Harlan's)	2	2	3						3	1	1		2	1
Ferruginous Hawk		5												
Rough-legged Hawk	11	4	3		3		4	2	1	4	5		2	2
Buteo sp.	2		10			3			2					
Golden Eagle				1										1
Virginia Rail														
American Coot	1						33	85			51	21	48	6
Killdeer											1		1	4
Greater Yellowlegs														
Dunlin														
Wilson's Snipe														
Bonaparte's Gull								7		180	15		150	
Franklin's Gull								1						
Ring-billed Gull	6				4	1		472	31	77	4440	1	197	377
Herring Gull	5							22	37	1	13			6
Thayer's Gull								6			CW			
Lesser Black-backed Gull											CW			
gull sp.														
Rock Pigeon	38	1394	133	158	54	331	113		114	24	215	48	129	545
Eurasian Collared-Dove		4072	73	130	21	15	37		9	29	3	CW	7	49
Inca Dove		1												
White-winged Dove		144	1											CW
Mourning Dove	31	78	59	3	71	41	45	2	17	1	107	12	54	75
Greater Roadrunner														
Barn Owl		3												
Eastern Screech-Owl	1		1				2		2	1			1	1
Great Horned Owl	3	4	2	3	1		4	1	4	4	3		4	4
Barred Owl	3		1		1	1		1		1	6	2	3	6
Long-eared Owl														
Short-eared Owl							CW							
Belted Kingfisher	7		4					2	3	6	1		3	15
Red-headed Woodpecker	1					2					1	2	89	13
Red-bellied Woodpecker	49	1	61	8	55	12	9	9	26	54	112	45	89	153
Yellow-bellied Sapsucker	6	4	2		3	1	4	3	9	9	11	3	3	23
Ladder-backed Woodpecker														
Downy Woodpecker	36	10	40	7	29	9	22	8	13	39	83	20	48	123
Hairy Woodpecker	9	2	5	1	6	2	10	1	1	7	9	7	11	19
Northern Flicker (unidentified)	47	25		5	35		32	1	26	82		10	43	110

2014-2015 KOS CBC Table Species	Fort Riley	Garden City	Halstead/ Newton	Hays	Holton	Humbolt	Jetmore	John Redmond	Junction City	Kanopolis Reservoir	Lawrence	Leavenworth Atchison	Linn County	Manhattan
N. Flicker (yellow-shafted)	80	7	47	1		8		13	15	9	166	13		129
N. Flicker (red-shafted)	19	11	7	4		1			5	5				6
Pileated Woodpecker	4		1					4	1	1	8	4	8	6
American Kestrel	2	18	26	6	11	18	11	1	6	18	25	10	25	15
Merlin	2	4					1	1	1	1	1		1	6
Peregrine Falcon							2		1					
Prairie Falcon		3	1	1		1					1		1	1
<i>Falco</i> sp.														1
Eastern Phoebe														
Loggerhead Shrike	1			CW	1	3		1		8	1		7	
Northern Shrike										2				
Blue Jay	22	17	32	2	46	29		13	25	9	132	81	138	216
Western Scrub-Jay		1												
Black-billed Magpie		10		9										
American Crow	191		125	7	201	226	16	40	230	39	270	118	148	3213
Chihuahuan Raven														
Common Raven														
raven sp.														
Horned Lark	5	1627	969	767		15	270	8	196	60	34	3	28	190
Carolina Chickadee														
Black-capped Chickadee	126		110	4	32	9		18	38	71	229	53	103	279
Mountain Chickadee														
Tufted Titmouse	75		15		13	7		22	10		123	36	90	145
Red-breasted Nuthatch	1	5					1		2	3	1			2
White-breasted Nuthatch	54	3	21	6	13	1	17	4	9	26	54	32	28	109
Brown Creeper	4		1		4	1	8	4		10	13	5	10	29
House Wren	1													
Winter Wren	4			1				2	1		2	3	1	2
Pacific Wren														
Sedge Wren														
Marsh Wren		2										1		1
Carolina Wren		2	26		2		1	6	9	32	23	15	16	49
Bewick's Wren									1					
Golden-crowned Kinglet	1		2		2		3	2	4	3	12	3	8	18
Ruby-crowned Kinglet	2		2						7	1	5	1	2	11
Eastern Bluebird	72		122		135	17	17	18	96	123	234	101	90	385
Mountain Bluebird				28			20							
Townsend's Solitaire			1				2							
Hermit Thrush														
American Robin	194	353	389	29	961	893	206	220	630	83	4270	149	12	506
Gray Catbird														
Northern Mockingbird		2	8		8	8		1	5		10	4	8	2
Brown Thrasher														
Curve-billed Thrasher														
European Starling	262	9598	2044	760	972	29	668	245	487	53819	4840	262	546	2960
American Pipit											6			
Sprague's Pipit			1											
Cedar Waxwing	80	74	9		164		2	CW	118	51	257	74	106	193
Lapland Longspur	25	102	49	314		CW	219		4		10			5
Chestnut-collared Longspur														
Smith's Longspur														
McCown's Longspur														
longspur sp.														
Orange-crowned Warbler														
Yellow-rumped Warbler (Myrtle)	41	26	25			15	7	25	127	49	66		43	183
Yellow-rumped Warbler (Audubon's)		12												
Spotted Towhee	5	2	4				1			26	2			7
Eastern Towhee	1										1	1		
Rufous-crowned Sparrow														
American Tree Sparrow	610	22	94	84	624	49	448	63	241	1145	214	84	123	472
Chipping Sparrow														
Field Sparrow	17		1											
Vesper Sparrow														
Savannah Sparrow								1			3			
Le Conte's Sparrow											3			
Fox Sparrow	13		2						2	1	3	3	4	9
Song Sparrow	110	24	26	2	10		9	3	10	31	68	6	26	45
Lincoln's Sparrow											1		1	12
Swamp Sparrow					1						6	2	9	
White-throated Sparrow	2			3		1			CW		57	49	37	44
Harris's Sparrow	70	17	235	50	106	65	109	50	23	133	37	44	20	226
White-crowned Sparrow	1	621	8		7	11	42	17	4	4	40	10	469	13
Dark-eyed Junco (undifferentiated)	203	537		56	386		59			448		10	469	
Junco (Slate-colored)	625		358	14		68	170	131	361	167	711	166		2275
Junco (Oregon)	11			1		2	28		1	18	6		5	6
Junco (Pink-sided)													1	1
Junco (Gray-headed)														
Junco (White-winged)									1					
Northern Cardinal	82	7	157	2	69	18	17	9	47	101	204	49	96	281
Red-winged Blackbird	872	6222	378619	1817	840	440	6892	200	955	1551	7640	572	1000000	2022
Eastern Meadowlark			2		30			118	68		17		14	109
Western Meadowlark		486	10	257			169			25	28		1	138
meadowlark sp.	30	232	684		101	158	154		85	79	329	30	6	223
Yellow-headed Blackbird														
Rusty Blackbird	1	24			4	15			8	40	50	120	117	85
Brewer's Blackbird							1			264	1			
Common Grackle		865	7							3	75		1295	3
Great-tailed Grackle		3050									232		231	
Brown-headed Cowbird		1	330002		146	2	10		2	912	16		188	10
blackbird sp.	120						130			50				
Pine Grosbeak									1					
Evening Grosbeak			1											
Purple Finch			2		9				15		8		23	3
House Finch	30	202	156	82	34	9	40	2	56	44	220	8	20	132
Red Crossbill														27
Pine Siskin		71	9				2		1	9		1	1	10
American Goldfinch	29	23	117	43	83	35	34	10	83	65	212	42	49	291
House Sparrow	14	2461	67	184	280	46	416	26	32	83	403	304	100	560
TOTAL SPECIES	76	61	71	47	57	51	70	73	81	77	101	71	91	93
TOTAL INDIVIDUALS	7481	33765	722614	5472	14959	3655	13147	8537	9904	61645	42171	20393	1057537	73607

2014-2015 KOS CBC Table Species	Marian	Melvorn Reservoir	Olathe	Olsburg	Oskaloosa Perry Lake	Parsons	Quivira NWR	Red Hills	Salina	Sawyer	Scott Lake	Slate Creek Oxford	SE KS Minde	Syracuse
Greater White-fronted Goose	34		1			2	160		2	102	9	19		1
Snow Goose (white form)	201	3000	473	20	1400		42000	1500	180	10298	2		50	15680
Snow Goose (blue form)	35	452	8				6500		20	496				300
Ross's x Snow Goose (blue form)														
Ross's Goose	CW	4					300			32	1			200
Cackling Goose	565	31	40	4		2	120	12	30	45	109	733		300
Canada Goose	4778	699	1953	160	2300	402	1500	555	630	1005	859	2771	198	780
Trumpeter Swan						20							3	
Tundra Swan														
Wood Duck	2		1									4		
Gadwall	17	42	10	7	1	75	1	24	2	7		41		42
American Wigeon					3	1	4		5			37		14
American Black Duck														
Mallard	1372	1712	162	1216	863	8093	1850	116	255	28	340	1370	15	282
Mallard x Gadwall														
Blue-winged Teal														
Northern Shoveler	31		5			30	1		3			4		
Northern Pintail	3		8			10	138	2			3			
Green-winged Teal	5	4			15	25	27	12						1
Canvasback		3										30		8
Redhead	6	5				2	7		3		2	1		12
Ring-necked Duck	9	6	35		15	68	13		16			25		80
Greater Scaup														
Lesser Scaup	23	19	1		8	6	7		4			8		
Black Scoter	1													
Surf Scoter														
White-winged Scoter														
Long-tailed Duck	2				2									
Bufflehead	7	16			10	18	4		8			2		
Common Goldeneye	348	47	5	16	178	65	175		11		1	9		3
Hooded Merganser	11	42	26		11	13						2		
Common Merganser	22	136		6	126		74		4		3			
Red-breasted Merganser		1		3	3		CW							
Ruddy Duck		8	4			3								
duck sp.				500	71				6					10
Scaled Quail														12
Northern Bobwhite		62		12		22	91	74	7	28		30	25	
Ring-necked Pheasant							14		2	23	8	22		
Greater Prairie-Chicken				3					CW					
Wild Turkey	1	32	4	86	26		178	20	CW		142			
Common Loon		1												
Pied-billed Grebe	1	1	1		1	4			3			3	12	4
Eared Grebe			1											
Horned Grebe														
Western Grebe	2													
Double-crested Cormorant	16				24	3								
American White Pelican	15				6	1								
Great Blue Heron	8	11	7		3	5	14		4	3	3	5	4	3
Snowy Egret														
Black-crowned Night-Heron														
White-faced Ibis							1							
Bald Eagle (undifferentiated)					10									
Bald Eagle (adults)	14	5	3	6	6	4	14	2	5	2		7	2	
Bald Eagle (immatures)	5	2	4	4	16	4	13			1		2	2	
Northern Harrier	13	32	4	9	11	8	91	21	9	16	8	33	5	17
Sharp-shinned Hawk	CW		2		1	1	2	4	5		2	3		4
Cooper's Hawk	2	1	6		2	1	3	4	2		2	1		
Northern Goshawk														
Accipiter sp.			1											
Red-shouldered Hawk		4	6		5	6		1		3		2	4	
Red-tailed Hawk	66	158	168	23	85	41	103	41	53	34	12	155	42	22
Red-tailed Hawk (Harlan's)	2		3		1		2		1	2		4		
Ferruginous Hawk							1				2			3
Rough-legged Hawk	1	3		3	1	1	1	2	2		5			1
Buteo sp.				5					5					1
Golden Eagle														
Virginia Rail							4					1		
American Coot	29	62	31		1	29	1		25			154		25
Killdeer						3						1	9	
Greater Yellowlegs												2		
Dunlin							CW							
Wilson's Snipe								2				7		
Bonaparte's Gull	19				2	4	1							
Franklin's Gull														
Ring-billed Gull	412	132	678	6	1438	34	130		19			32		
Herring Gull	4	6	2	8	61		6					2		
Thayer's Gull														
Lesser Black-backed Gull														
gull sp.				13								1		
Rock Pigeon	68	119	132	9	18	3	9	35	1250	13	175	17	4	46
Eurasian Collared-Dove	23	8	6			1	9	34	106	22	1767	11		416
Inca Dove														
White-winged Dove	2												2	
Mourning Dove	4	67	151	1	118	89	66	43	111	38	4	18	61	44
Greater Roadrunner								5		1				
Barn Owl			3									1		2
Eastern Screech-Owl			4				6	4				2		
Great Horned Owl	CW	1	4	1	1	5	24	5	1	2	9	4	1	6
Barred Owl		2	3		1	1	2	2	2	3		8	1	
Long-eared Owl					1									
Short-eared Owl		3					5				1	3		
Belted Kingfisher	3	2	11			2	3	2	3	2	1	2	1	2
Red-headed Woodpecker			10		2	3								13
Red-bellied Woodpecker	34	41	70	9	135	26	26	59	41	26		46	65	
Yellow-bellied Sapsucker	1	4	8	1	7	5	5	4	3	4	2	6	4	
Ladder-backed Woodpecker										1				
Downy Woodpecker	22	37	69	15	62	27	19	35	24	16	12	24	19	11
Hairy Woodpecker	2	3	12	1	9	1	7	19	3	6	3	5	3	4
Northern Flicker (unidentified)	14	45	62	18	81	15	108	75	9	6	32	29	25	18

2014-2015 KOS CBC Table Species	Marian	Melvorn Reservoir	Olathe	Olsburg	Oskaloosa Perry Lake	Parsons	Quivira NWR	Red Hills	Salina	Sawyer	Scott Lake	Slate Creek Oxford	SE KS Minde	Syracuse
N. Flicker (yellow-shafted)	8		16	6	40		12	16	23	5	1	20		11
N. Flicker (red-shafted)	3			3			30	23	4	2	12	5		5
Pileated Woodpecker			3		3	4						3	2	
American Kestrel	12	3	25	1	1	8	45	10	15	6	10	23	13	12
Merlin		1	2	2	1		2	2		1				3
Peregrine Falcon												1		
Prairie Falcon	CW	1					2	1		1	1	2		
<i>Falco</i> sp.									2					
Eastern Phoebe														
Loggerhead Shrike	1	1					7	1			1	2	2	4
Northern Shrike	CW							2		1	1			1
Blue Jay	13	17	126	4	92	31	1	3	9		1	29	117	3
Western Scrub-Jay														
Black-billed Magpie														
American Crow	258	262	102	3600	330	53	15	104	30	53		64	206	320
Chihuahuan Raven														
Common Raven														1
raven sp.														2
Horned Lark	623	45	2		2	70	115	65	1400	600	216	140	180	241
Carolina Chickadee						32		50		7		66	36	
Black-capped Chickadee	66	46	144	24	147	1	1		65	2		1		
Mountain Chickadee														
Tufted Titmouse	22	16	79	6	79	24		5	4	8		31	18	
Red-breasted Nuthatch					1			2	2	2	5	1		3
White-breasted Nuthatch	11	9	30	5	41	7	14	5	29	31	7	5	4	3
Brown Creeper	10	11	10		9			1	6	1	8	5		
House Wren														
Winter Wren	1	3	6		2	2		1		4				
Pacific Wren											1			
Sedge Wren							CW							
Marsh Wren							3					2		3
Carolina Wren	10	7	30		6	12	4	12	18	10		17	12	
Bewick's Wren								10				1		
Golden-crowned Kinglet	2	7	7		2	1	5	9	1	1	3	4	2	
Ruby-crowned Kinglet	2	2	3	1	1		1	3	6	2	7	14		
Eastern Bluebird	54	142	100	46	388	31	74	215	44	64	33	80	36	7
Mountain Bluebird							18	566		5	7			
Townsend's Solitaire			1								9			
Hermit Thrush	3		1			1	2	1		1				
American Robin	333	2712	1863	21	2464	82	190	1855	460	373	314	67	90	67
Gray Catbird														
Northern Mockingbird	3	5	19		20	9	7	2	1	1		7	17	
Brown Thrasher			1											
Curve-billed Thrasher														1
European Starling	898	1912	1111	1	831	46	425	517	9300	602	644	1663	140	790
American Pipit	1													
Sprague's Pipit														
Cedar Waxwing	44	17	125	20	1098	50	8	253	20	120	9	CW	124	35
Lapland Longspur	50						10	31		1022	147			250
Chestnut-collared Longspur														
Smith's Longspur						1								
McCown's Longspur														
longspur sp.														
Orange-crowned Warbler			1											
Yellow-rumped Warbler (Myrtle)	34	6	77		55	28	21	35	5	72	14	16	5	12
Yellow-rumped Warbler (Audubon's)														
Spotted Towhee		3					1	7			11	3		5
Eastern Towhee								1						
Rufous-crowned Sparrow								1						
American Tree Sparrow	266	974	51	15	204	31	14061	489	226	103	2	182	2	20
Chipping Sparrow									1					
Field Sparrow					11	1	9	4	25	26	1	1	9	
Vesper Sparrow									1					
Savannah Sparrow							4	21	12	3		61		
Le Conte's Sparrow						1		2				2		
Fox Sparrow	3	1	3	1	1	4	5	8		1		5		
Song Sparrow	12	8	64	2	13	8	38	121	30	22	9	153	12	28
Lincoln's Sparrow		1	6			2		1				2		
Swamp Sparrow		1	8			2		3				13		
White-throated Sparrow		9	61		6	12		9	1	2			20	
Harris's Sparrow	181	376	4	21	118	57	325	200	130	94	9	628	39	4
White-crowned Sparrow	9	17	13		8	117	55	56			7	123	170	215
Dark-eyed Junco (undifferentiated)	192		396		563	170	425		4	43	143	12	120	160
Junco (Slate-colored)	113	296		73	545		115	610	278	216	5	153		5
Junco (Oregon)	1				1		12	2		4	7	2		21
Junco (Pink-sided)							8	2		1	4			
Junco (Gray-headed)														
Junco (White-winged)														
Northern Cardinal	83	102	130	16	174	81	42	113	57	55	11	103	170	3
Red-winged Blackbird	483	6455	641	293	6528	375	2500	760	1050	1921	2083	3503523	550	1388
Eastern Meadowlark	1	1	2		14	10	8	15	34			3		
Western Meadowlark							81	1	100	4	28	1		80
meadowlark sp.	266	162	65	6	48	211	336	220	172	609	18	629	356	
Yellow-headed Blackbird														
Rusty Blackbird		1			506	50			28			17	29	
Brewer's Blackbird		112				60	2408	1230		14		60		17
Common Grackle		17			17				52	22		56	18	
Great-tailed Grackle											160			
Brown-headed Cowbird	2	40			36	200	33	12	16	10		150	12	
blackbird sp.			80		53				148			100	1700	
Pine Grosbeak														
Evening Grosbeak											1			
Purple Finch			17		22		1	1	2				4	
House Finch	119	62	80	16	74	8	66	83	90	31	67	CW		16
Red Crossbill														
Pine Siskin	8	5	1				9				10	2		28
American Goldfinch	97	121	127	96	196	57	141	55	83	18	19	47	129	6
House Sparrow	93	208	52	8	148	5	37	132	250	112	448	92	133	161
TOTAL SPECIES	81	85	83	49	80	85	89	81	77	69	65	93	57	64
TOTAL INDIVIDUALS	12647	21268	9873	6460	22040	11139	75572	10672	17109	18573	8013	3514092	5047	22286

2014-2015 KOS CBC Table Species	Topeka	Udall/ Winfield	Ulysses	Waconda Lake	Wakefield	Webster Reservoir	Wichita	Wilson Lake	Yoder	TOTALS
Greater White-fronted Goose		11		10		250	524	150		3476
Snow Goose (white form)	5440	5	60	123000	890	12500	16	67		392528
Snow Goose (blue form)		1		3000	116	2500	1			26829
Ross's x Snow Goose (blue form)										1
Ross's Goose		2		12150	3	500	8	3		13798
Cackling Goose	98	1398		3	5	1750	9069	206	7	17794
Canada Goose	6160	1567	1	80	349	7000	38439	975	145	141538
Trumpeter Swan										28
Tundra Swan										4
Wood Duck	1					3	69			107
Gadwall		34		6		3	165	6		1258
American Wigeon		209	3			18	32	24		606
American Black Duck					1					4
Mallard	579	3413	225	450	3400	6000	1309	1175	1	132102
Mallard x Gadwall										1
Blue-winged Teal										5
Northern Shoveler	16	4	14	18	2		442	10		799
Northern Pintail		17	4	1	1	2	5	1		681
Green-winged Teal		10				15	14	2		421
Canvasback		28			3		182	1		318
Redhead	35	33		5		CW	25	4		305
Ring-necked Duck	35	21					152			923
Greater Scaup							2			13
Lesser Scaup		50		7	12		346	13		814
Black Scoter										1
Surf Scoter				1						1
White-winged Scoter								3		3
Long-tailed Duck								CW		4
Bufflehead	59	17		64	5		188	46		544
Common Goldeneye	179	263		470	4115	6	342	1840		10890
Hooded Merganser	20	91		3	1	1	220	52		1239
Common Merganser	92			128	48	1	7	57		3293
Red-breasted Merganser										13
Ruddy Duck	4			2			16			59
duck sp.							102			28307
Scaled Quail										13
Northern Bobwhite	12	5				CW		56	10	725
Ring-necked Pheasant		3	6	9		11	3	CW	3	262
Greater Prairie-Chicken				1		58		1		302
Wild Turkey	48	3			CW	9	69	153		2512
Common Loon								CW		7
Pied-billed Grebe	2	4		1			10			112
Eared Grebe				1						3
Horned Grebe								7		8
Western Grebe		1		1				1		6
Double-crested Cormorant	CW	1		3			358	2		677
American White Pelican										191
Great Blue Heron	2	13		1			40	2	4	265
Snowy Egret							CW			CW
Black-crowned Night-Heron										2
White-faced Ibis										1
Bald Eagle (undifferentiated)										10
Bald Eagle (adults)	4	11		1	5	3	11	6	1	377
Bald Eagle (immatures)	3	1		6		2	5	5		231
Northern Harrier		61	19	23	8	18		24	28	990
Sharp-shinned Hawk	1	1	2	2	2	1	3	6	3	98
Cooper's Hawk	3	1	1	4	1	1	13	4	2	107
Northern Goshawk										2
Accipiter sp.										5
Red-shouldered Hawk	2	2								78
Red-tailed Hawk	61	105	36	47	14	35	62	55	67	3327
Red-tailed Hawk (Harlan's)		2	2		1		2	1	1	54
Ferruginous Hawk			2			1				22
Rough-legged Hawk	10		7	2	1		1	2	1	130
Buteo sp.									1	30
Golden Eagle						1				5
Virginia Rail								1		6
American Coot	386	1	6	122	2	2	83	2008		3362
Killdeer		2					1			24
Greater Yellowlegs										12
Dunlin										CW
Wilson's Snipe							3			12
Bonaparte's Gull				31				54		480
Franklin's Gull							1			2
Ring-billed Gull	188	65	6	26	137		415	455	24	10576
Herring Gull				5	5		5	25	108	350
Thayer's Gull										6
Lesser Black-backed Gull										CW
gull sp.	1									15
Rock Pigeon	996	678	410	42	15	44	1376	41	38	10938
Eurasian Collared-Dove	23	63	904	152	2	49	59	15	37	10616
Inca Dove										1
White-winged Dove			1							176
Mourning Dove	247	128	3	8	34	11	74	10	44	2460
Greater Roadrunner										7
Barn Owl			4	2				1		37
Eastern Screech-Owl		1		4		7		1		56
Great Horned Owl	2	2	17	6		2	4	2	2	187
Barred Owl	2	7			4		6			103
Long-eared Owl										4
Short-eared Owl										15
Belted Kingfisher	2	4			1		11	3		114
Red-headed Woodpecker	1	10								178
Red-bellied Woodpecker	102	109		42	28	14	38	12	23	2091
Yellow-bellied Sapsucker	6	9			1	6	4		3	209
Ladder-backed Woodpecker										2
Downy Woodpecker	83	58	7	16	13	18	66	13	26	1512
Hairy Woodpecker	9	12	3	4	1	5	12	3	14	324
Northern Flicker (unidentified)	80	22	19	23	21	45	41	37	42	1508

2014-2015 KOS CBC Table Species	Topeka	Udall/ Winfield	Ulysses	Waconda Lake	Wakefield	Webster Reservoir	Wichita	Wilson Lake	Yoder	TOTALS
N. Flicker (yellow-shafted)		76	1		18	6	34	4	4	1040
N. Flicker (red-shafted)		5	6			2	3	1	1	195
Pileated Woodpecker	1	5								89
American Kestrel	23	30	10	11	4	12	11	28	16	728
Merlin			2	2		1		9		60
Peregrine Falcon	CW									6
Prairie Falcon	2		6	2	2	1		4	1	51
Falco sp.										4
Eastern Phoebe										2
Loggerhead Shrike		8		1				1	1	83
Northern Shrike				2				1	2	17
Blue Jay	194	142	10	5	26	5	117	1	2	2346
Western Scrub-Jay			1							2
Black-billed Magpie			2			2				26
American Crow	190	862	17	3	81	3	1935	28	340	16004
Chihuahuan Raven										2
Common Raven										5
raven sp.										2
Horned Lark	92	91	7962	365	18	720	470	21	3515	26869
Carolina Chickadee		115								470
Black-capped Chickadee	230	3		10	10	16	114	6	41	2522
Mountain Chickadee										1
Tufted Titmouse	131	66			1		33		11	1412
Red-breasted Nuthatch	1	5	9			6	2	2		67
White-breasted Nuthatch	37	22		30	2	16	8	4	9	917
Brown Creeper	15	11	1	1	2	4	12			264
House Wren										1
Winter Wren	3	3			2		3			70
Pacific Wren										1
Sedge Wren										CW
Marsh Wren			8					CW		24
Carolina Wren	36	44		4	13	1	50		5	663
Bewick's Wren		2								17
Golden-crowned Kinglet	1	12		8	7	2	29	CW	1	227
Ruby-crowned Kinglet	5	31			1		25	1	1	172
Eastern Bluebird	223	170		11	76	70	30	100	73	4622
Mountain Bluebird								435		1143
Townsend's Solitaire		1								14
Hermit Thrush	3	2								65
American Robin	2480	1067	179	23	49	700	556	32	304	35977
Gray Catbird									1	1
Northern Mockingbird	11	38							4	248
Brown Thrasher		1								2
Curve-billed Thrasher			1							4
European Starling	9579	5561	736	450	515	4500	5601	5424	1139	160351
American Pipit										7
Sprague's Pipit										1
Cedar Waxwing	237	239	10		25	110	35	22		4759
Lapland Longspur			2672	67	2	3	25	5	817	20852
Chestnut-collared Longspur			1							5
Smith's Longspur										84
McCown's Longspur										7
longspur sp.							1500			1500
Orange-crowned Warbler		1					1			3
Yellow-rumped Warbler (Myrtle)	29	47	4	1	8	8	59	5	10	1547
Yellow-rumped Warbler (Audubon's)										12
Spotted Towhee	1	1	2		1	13	9	2	1	121
Eastern Towhee	1					1				8
Rufous-crowned Sparrow										1
American Tree Sparrow	66	336	71	438	172	1247	8	915	286	27194
Chipping Sparrow										1
Field Sparrow		3					1		72	206
Vesper Sparrow										1
Savannah Sparrow		3		1					9	118
Le Conte's Sparrow										8
Fox Sparrow	4	6				23	13	CW	4	140
Song Sparrow	37	35	32	8	6	17	46	12	62	1391
Lincoln's Sparrow		2					1			33
Swamp Sparrow	1									57
White-throated Sparrow	112	6					26		1	519
Harris's Sparrow	102	854	3	236	160	172	248	187	312	7264
White-crowned Sparrow	29	65	477	71	11	63	25	56	42	3849
Dark-eyed Junco (undifferentiated)	708	82	607	315	32	850	261	140	332	8812
Junco (Slate-colored)		679	125	230	139	250	193	160	54	12375
Junco (Oregon)		4	55	25		12		25		276
Junco (Pink-sided)		1				6		2		30
Junco (Gray-headed)						1				1
Junco (White-winged)										1
Northern Cardinal	161	358		35	37	45	143	26	227	4130
Red-winged Blackbird	671	2221	2045	64000	1792	8500	2200	2517730	100048	7769877
Eastern Meadowlark					68			1	95	746
Western Meadowlark			476	158	4	324		101	11	3430
meadowlark sp.	497	611	81	215	21	356	52	114	1363	10231
Yellow-headed Blackbird										1
Rusty Blackbird	48	88							35	1467
Brewer's Blackbird		257				13	3	32	14	5269
Common Grackle	6	15	2	12		40		332		4107
Great-tailed Grackle			450				61	803		7868
Brown-headed Cowbird	51	128	20	1500	6	2	8	1230	13	335690
blackbird sp.							50			5955
Pine Grosbeak										1
Evening Grosbeak										2
Purple Finch						1				154
House Finch	255	83	73	13	13	28	122	32	18	2976
Red Crossbill										27
Pine Siskin		69				7	2		12	309
American Goldfinch	118	489	13	46	75	58	98	54	128	4106
House Sparrow	450	474	920	295	22	215	288	80	152	13335
TOTAL SPECIES	78	96	56	76	66	73	89	84	64	170
TOTAL INDIVIDUALS	31835	24089	18852	208577	12668	49324	68965	2535809	110224	9352292