

5 Feb 1987

Dear Ross,

Enclosed are the rough tables for the CBC report.

Table 1 is essential done. Please check carefully for errors. The totals were inaccurate for many counts. I added them in a dbase file and added in the extras and subtracted those that you deleted. Then I checked all the data on those that disagreed with the compiler's count. They should be ok now, but I still could have made mistakes.

The main table is on 5 pages. The "0"s will be changed to "."s. The big question is: should we try to put the table on 2 pages turned sideways or 4 pages vertically. If we put it sideways it would save a lot of space. However, there would not be room to write out the full species names at the bottom--the abbreviations might be repeated at the bottom. What do you think?

The table of rarities contains those species seen on 3 or fewer counts and the sp.'s. The sp.'s are sort of messy--couldn't these be dropped in some cases?

Documentations that need to go to the records committee include:  
Thayer's Gull  
Great-blacked Backed Gull

Other's that might go to the records committee if not absolutely convincing include:  
Black Scoter (did I read this right?)  
Black-legged Kittiwake  
Burrowing Owl  
Sedge Wren  
Brewer's Blackbird

I thought 35 Brewer's Blackbirds was most unusual. Were they seen well in the right habitat. The only other record of Sedge Wren is also from a Cedar Rapids CBC (same observer?). Steve was calling Thayer's Gulls on minimal criteria this fall. Ray was talking about not being able to identify them and I think he was with Steve at Rathbun.

Please send the originals of documentations that need to be reveiwed.

Did you get any photos? Someone must have taken the Burrowing Owl.

I assume you will use the same format as last year. Are you going to be able to use an IBM PC compatible computer. It sure would help me.

I wanted to get this off to you for the weekend. We can talk on the phone later. The form really made the entry of data for the table much easier than last year.

Table - species in 3 or fewer counts + sp

Common Loon: Keokuk (1)  
Pied-billed Grebe: Rathbun (3)  
Horned Grebe: Davenport (3)  
Double-crested Cormorant: Davenport (1)  
Mute Swan: Davenport (1)  
Swan sp.: Dubuque (1)  
Northern Shoveler: DeSoto NWR (2), Shenandoah (1), Rathbun (2)  
Greater Scaup: Keokuk (2), Shenandoah (2), Tristate (2)  
Oldsquaw: Muscatine (1)  
Black Scoter: Tristate (1)  
Bufflehead: Davenport (1), Keokuk (5), Des Moines (1)  
Red-breasted Merganser: Rathbun (1)  
Duck sp.: Boone (24) ~~Davenport (2) Oakville (3)~~  
Turkey Vulture: Oakville (2)  
Buteo sp.: Omaha (4), Tristate (2), Cedar Rapids (1), Iowa City (1), Ames (1), Boone (7), Lucas (3)  
Golden Eagle: Yellow R.F. (2), Oakville (1), Jamaica (1)  
Merlin: Des Moines (1)  
Falcon sp.: DeSoto NWR (1)  
Ruffed Grouse: Yellow R.F. (2), Dubuque (2), Decorah (2)  
Thayer's Gull: Keokuk (1), Rathbun (3)  
Glaucous Gull: Rathbun (3)  
Great Black-backed Gull: Davenport (1)  
Black-legged Kittiwake: Rathbun (1)  
Gull sp.: Iowa City (5)  
Burrowing Owl: Rathbun (1)  
Northern Saw-whet Owl: Shenandoah (1), Eldora (1), Boone Co. (1)  
Owl sp.: DeSoto NWR (1), Iowa City (3), Ames (1), Boone Co. (1)  
Eastern Phoebe: Omaha (1)  
Sedge Wren: Cedar Rapids (1)  
Townsend's Solitaire: Cherokee (1)  
Bohemian Waxwing: Yellow R.F. (1), Mason City (15), Iowa City (2)  
Warbler sp.: Oakville (1)  
Rufous-sided Towhee: Tristate (1), Spirit Lake (1), Lost Nation (1)  
Western Meadowlark: Omaha (1)  
Brewer's Blackbird: Cedar Rapids (35)  
Blackbird sp.: Spirit Lake (13), Marshalltown (10)  
House Finch: Davenport (4), Muscatine (9)  
Eurasian Tree Sparrow: Keokuk (1 in Illinois)

Evening Grosbeak: yellow R.F. (1), Keokuk (12)

Please note any other birds that were not in Iowa.

Location	Gr Bl He	Wh Fr Go	Sn Go	Ca Go	Wo Du	Gr Wi Te	Am Bl Du	Mall	No Pi	Ga Wi	Am Wi	Can	Re	Ri Ne Du	Le Sc	Co Go	Ho Me	Co Me	Ru Du	Ba Ea	No Ha	Sh Sh Ha	Co Ha
** 1																							
1. Yellow R. F.	1	0	0	0	0	0	2	23	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0
2. Dubuque	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	26	0	8	0	16	0	0	0
3. Clinton	1	0	0	3	0	0	35	1951	0	5	0	0	0	0	5	35	0	22	0	39	1	0	2
4. Princeton	0	0	0	8	0	0	1	97	0	0	0	0	0	0	0	255	0	100	0	43	4	2	1
5. Davenport	1	0	0	47	2	1	27	3039	2	0	0	3	0	0	12	282	1	20	0	56	1	3	1
6. Muscatine	1	0	0	80	0	0	0	96	0	0	0	0	0	0	0	4	0	0	0	30	8	0	0
7. Oakville	7	0	60	4090	0	0	268	11593	152	0	0	0	0	0	43	15	0	2	0	66	5	1	2
8. Burlington	2	0	0	16	0	0	1	56	0	0	0	153	0	3	21	14	0	12	0	26	3	0	0
9. Keokuk	1	0	0	0	1	0	0	1524	0	7	0	172	1	138	1466	1517	2	92	12	76	1	2	1
** Subtotal **	14	0	60	4244	3	1	334	18399	154	12	0	328	1	141	1547	2148	3	256	12	365	23	8	7
** 2																							
10. Sioux City	0	0	0	3	0	0	0	2001	1	1	0	0	0	0	0	5	0	1	3	1	0	0	0
11. DeSoto NWR	1	3	51525	1200	2	1	6	23886	2	2	1	6	9	17	23	331	2	94	17	104	1	0	0
12. Omaha NE	2	1	7	2	0	0	0	29	0	0	0	0	0	0	0	13	0	19	0	10	1	1	0
13. Shenandoah	3	2	100000	8	0	0	2	12000	8	0	3	5	0	0	2	1	0	0	0	33	2	0	0
14. Tristate	0	0	9985	6	0	0	0	273	3	4	0	0	0	0	0	3	0	0	2	2	0	0	1
** Subtotal **	6	6	161517	1219	2	1	8	38189	14	7	4	11	9	17	25	353	2	114	22	150	4	1	1
** 3																							
15. Decorah	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0
16. Bremer Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
17. Mason City	2	0	0	0	0	0	1	648	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18. Spirit Lake	0	0	0	4425	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
19. Cherokee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
20. Westfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
** Subtotal **	3	0	0	4425	0	0	1	650	0	0	0	0	0	0	0	0	0	1	0	7	3	0	0
** 4																							
21. Lost Nation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0
22. North Linn	1	0	0	0	0	0	0	75	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0
23. Cedar Rapids	1	0	0	462	0	0	7	564	0	0	0	0	0	2	18	17	0	0	0	10	1	0	0
24. Iowa City	1	1	0	16	1	0	1	264	0	0	0	0	0	2	0	1	1	1	0	5	0	1	0
25. Amana	0	0	2	0	1	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
26. Cedar Falls	0	0	0	60	0	0	0	312	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
27. Marshalltown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
28. Eldora	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29. Ames	1	0	0	2	0	0	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30. Alleman	0	0	0	0	0	0	0	2500	0	0	0	0	0	0	0	0	0	20	0	0	1	0	0
31. Des Moines	2	0	0	3	1	0	1	716	1	14	3	1	0	0	1	23	0	74	0	18	2	0	0
32. Boone County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
33. Lehigh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34. Fort Dodge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
35. Jamaica	2	3	79	1529	0	1	12	8267	11	5	6	1	1	0	0	1	0	0	0	0	1	0	0
36. Sac County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
** Subtotal **	8	4	81	2072	3	1	21	12776	12	19	9	2	1	4	19	42	1	95	0	40	10	5	0
** 5																							
37. Ottumwa	0	0	0	300	0	0	0	515	0	0	0	0	0	0	1	0	0	0	0	4	0	0	0
38. Rathbun	1	0	2	2166	0	0	33	24359	23	3	1	0	0	1	5	276	5	2019	1	11	24	0	2
39. Red Rock	0	0	21	700	0	1	2	4517	0	2	0	0	0	3	0	62	0	1142	0	28	0	0	0
40. Lucas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
41. Lamoni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
** Subtotal **	1	0	23	3166	0	1	35	29391	23	5	1	0	0	4	6	338	5	3161	1	43	31	0	2
*** Total ***	32	10	161681	15126	8	4	399	99405	203	43	14	341	11	166	1597	2881	11	3627	35	605	71	14	10

Location	No Go	Ac Sp	Re Sh Ha	Re Ta Ha	Ro Le Ha	Am Ke	Gr Pa	Ri Ne Ph	Wi Tu	No Bo	Am Co	Co Sn	Ki	Ri Bi Gu	He Gu	Ro Do	Mo Do	Ea Sc Ow	Gr Ho Ow	Ba Ow	Lo Ea Ow	Sh Ea Ow	Be Ki
** 1																							
1. Yellow R. F.	0	0	0	34	17	8	0	0	7	0	0	1	1	0	0	261	3	8	5	3	1	0	7
2. Dubuque	0	1	0	19	6	6	0	0	3	0	6	0	0	6	0	188	12	0	2	2	0	0	8
3. Clinton	0	0	1	24	5	15	0	4	0	0	1	3	4	0	33	452	9	5	6	5	8	0	6
4. Princeton	0	0	0	14	1	18	0	0	0	0	0	1	5	3	64	270	41	1	4	3	0	0	1
5. Davenport	1	0	0	38	0	46	0	8	6	4	0	2	0	42	901	1651	354	13	15	14	0	0	10
6. Muscatine	0	0	0	30	5	8	0	3	33	0	0	3	0	13	16	360	40	9	9	6	0	0	6
7. Oakville	1	0	0	37	7	23	0	69	29	68	0	10	0	3	21	165	131	5	17	9	0	1	7
8. Burlington	1	0	0	32	6	15	0	11	2	8	0	4	6	755	178	241	34	4	5	3	0	0	8
9. Keokuk	0	1	1	30	3	12	0	1	22	34	0	3	1	2716	620	1297	3	2	2	2	4	1	5
** Subtotal **	3	2	2	258	50	151	0	96	102	114	7	27	17	3538	1833	4885	627	47	65	47	13	2	58
** 2																							
10. Sioux City	0	2	0	12	2	8	0	26	16	5	3	0	1	0	0	790	0	5	8	0	1	0	1
11. DeSoto NWR	0	2	0	64	2	30	0	68	0	33	44	0	0	0	0	370	3	5	6	0	3	0	2
12. Omaha NE	0	0	0	43	1	44	0	11	31	10	0	0	0	0	0	352	1	16	9	2	0	0	3
13. Shenandoah	0	0	0	6	0	26	0	31	0	2	21	0	0	0	0	74	6	2	13	2	1	1	2
14. Tristate	0	0	0	12	0	14	0	21	27	0	10	0	0	0	0	200	0	5	1	2	0	0	0
** Subtotal **	0	4	0	137	5	122	0	157	74	50	78	0	1	0	0	1786	10	33	37	6	5	1	8
** 3																							
15. Decorah	0	2	1	64	14	8	9	4	0	0	0	0	0	0	0	338	3	2	1	1	0	0	11
16. Bremer Co.	0	0	1	11	4	1	30	60	0	0	0	0	0	0	0	204	1	1	9	3	0	0	2
17. Mason City	0	0	0	3	1	3	1	83	0	0	0	0	0	0	0	245	2	1	8	1	0	0	1
18. Spirit Lake	0	0	0	1	0	0	0	17	15	0	1	0	0	0	0	158	0	0	8	2	0	0	0
19. Cherokee	0	0	0	13	5	4	17	32	0	0	0	0	0	0	0	177	0	1	6	0	0	0	1
20. Westfield	0	0	0	12	5	10	0	12	0	0	0	0	0	0	0	48	4	3	13	1	0	0	1
** Subtotal **	0	2	2	104	29	26	57	208	15	0	1	0	0	0	0	1170	10	8	45	8	0	0	16
** 4																							
21. Lost Nation	0	2	0	32	14	16	0	15	55	7	0	0	0	0	0	260	4	4	4	6	0	0	1
22. North Linn	0	2	0	16	4	2	0	23	8	1	0	0	0	0	0	132	0	3	20	7	0	2	4
23. Cedar Rapids	0	3	0	32	3	9	0	69	0	3	0	3	0	0	0	528	103	1	8	9	0	0	4
24. Iowa City	0	1	0	17	8	1	0	8	0	0	1	0	0	0	22	187	94	6	5	8	0	1	6
25. Amana	0	1	0	13	2	1	0	1	0	0	0	0	0	0	0	100	20	3	5	2	0	0	0
26. Cedar Falls	1	0	0	8	1	6	6	46	0	0	0	0	0	0	0	523	25	5	4	6	3	1	1
27. Marshalltown	0	1	0	25	3	7	0	32	0	1	0	0	0	0	0	224	12	0	5	0	0	0	0
28. Eldora	0	0	0	13	17	2	18	4	0	0	0	0	0	0	0	152	0	2	2	0	0	0	0
29. Ames	0	0	0	17	5	11	15	26	0	8	0	0	0	0	0	532	39	2	10	1	0	0	2
30. Alleman	0	0	0	3	1	3	0	0	0	0	0	0	0	0	12	23	0	0	1	2	0	0	0
31. Des Moines	0	1	0	38	6	20	0	5	0	0	0	0	0	28	0	460	202	4	10	2	0	0	8
32. Boone County	0	2	0	29	44	3	0	14	9	0	0	1	0	0	0	131	2	38	10	6	21	2	0
33. Lehigh	0	0	0	5	2	1	0	0	0	0	0	0	0	0	0	7	0	0	8	0	0	0	0
34. Fort Dodge	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	23	0	0	7	1	0	0	0
35. Jamaica	0	3	0	29	15	10	7	9	1	0	0	1	0	0	0	93	1	5	15	3	1	8	1
36. Sac County	0	0	0	6	3	1	0	17	0	0	0	0	0	0	0	40	0	0	5	0	0	0	0
** Subtotal **	1	16	0	283	129	93	46	271	73	20	1	5	0	28	34	3415	502	73	119	53	25	14	27
** 5																							
37. Ottumwa	0	0	0	15	2	16	0	0	0	0	1	0	0	16	88	286	0	2	1	0	0	0	0
38. Rathbun	1	1	0	72	12	78	2	21	29	45	1	0	3	6810	1831	96	24	18	16	5	2	8	2
39. Red Rock	0	0	0	34	1	5	1	8	0	9	1	0	0	70	4500	63	0	0	5	2	0	0	3
40. Lucas	0	1	0	18	4	10	0	26	20	25	0	0	0	0	0	15	0	0	1	1	0	0	0
41. Lamoni	0	1	0	17	3	11	0	1	0	34	0	0	0	0	0	12	25	2	8	0	0	0	1
** Subtotal **	1	3	0	156	22	120	3	56	49	113	3	0	3	6896	6419	472	49	22	31	8	2	8	6
*** Total ***	5	27	4	938	235	512	106	788	313	297	90	32	21	10462	8286	11728	1198	183	297	122	45	25	115

Location	Re He Wo	Re Be Wo	Ye Be Sa	Do Wo	Ha Wo	No Fl	Pi Wo	Ho La	Bl Ja	Am Cr	Bl Ca Ch	Tu Ti	Re Br Nu	Wh Br Nu	Br Cr	Ca Wr	Wi Wr	Go Cr Ki	Ea Bl	Am Ro	Br Th	Ce Wa	No Sh
** 1																							
1. Yellow R. F.	0	27	0	23	12	2	7	13	66	252	67	9	12	42	2	0	2	11	0	0	0	72	0
2. Dubuque	2	31	0	37	27	0	2	0	51	144	205	31	0	69	4	0	0	7	0	0	0	3	0
3. Clinton	0	49	1	85	23	12	1	7	197	275	296	16	4	110	26	0	2	14	2	0	0	61	0
4. Princeton	0	24	0	79	16	4	0	2	163	299	259	8	3	89	17	0	1	17	0	0	0	0	0
5. Davenport	4	64	0	196	28	14	5	5	205	1144	678	53	3	170	55	0	1	41	0	5	0	18	0
6. Muscatine	1	32	0	93	10	21	5	10	117	433	221	27	0	92	15	0	1	2	0	3	0	124	1
7. Oakville	4	49	0	130	14	24	8	31	119	5742	285	30	15	123	36	1	0	21	0	2	0	5	0
8. Burlington	1	34	1	65	9	8	1	13	178	531	201	25	5	31	10	2	2	1	14	0	0	0	0
9. Keokuk	14	46	1	83	23	9	5	0	193	25000	247	102	6	100	3	5	2	3	0	3	0	16	0
** Subtotal **	26	356	3	791	162	94	34	81	1289	33820	2459	301	48	826	168	8	11	117	16	13	0	299	1
** 2																							
10. Sioux City	0	16	0	17	17	78	0	0	64	83	408	0	0	40	11	0	0	1	0	4	0	2	0
11. DeSoto NWR	0	81	0	144	12	174	0	11	143	119	362	5	1	78	7	2	1	9	0	17	1	1	0
12. Omaha NE	0	56	3	169	12	34	0	9	123	216	622	24	0	167	20	0	2	18	10	3	0	2	1
13. Shenandoah	0	22	0	38	3	11	0	0	109	271	51	4	1	32	7	0	0	9	0	4	0	27	0
14. Tristate	0	17	0	12	5	9	0	0	95	70	137	4	2	15	5	0	0	2	5	5	0	35	1
** Subtotal **	0	192	3	380	49	306	0	20	534	759	1580	37	4	332	50	2	3	39	15	33	1	67	2
** 3																							
15. Decorah	0	33	0	27	15	1	4	2	182	357	75	3	3	85	5	0	0	0	0	0	0	0	0
16. Bremer Co.	2	13	0	47	30	4	1	2	140	178	122	0	3	37	2	0	0	3	0	1	0	0	2
17. Mason City	1	11	0	34	16	9	0	12	179	823	164	0	0	75	0	0	0	0	0	1	1	44	2
18. Spirit Lake	0	4	0	66	16	6	0	8	72	173	271	0	0	77	24	0	0	0	0	2	1	0	0
19. Cherokee	0	19	0	41	15	22	0	1	83	259	207	0	0	77	3	0	0	0	0	1	0	38	0
20. Westfield	0	5	0	34	16	7	0	0	13	21	100	0	0	21	1	0	0	0	0	0	0	1	0
** Subtotal **	3	85	0	249	108	49	5	25	669	1811	939	3	6	372	35	0	0	3	0	5	2	83	4
** 4																							
21. Lost Nation	8	48	0	98	14	7	0	1	126	650	177	22	7	183	7	0	0	3	0	0	0	18	0
22. North Linn	1	31	0	63	29	11	3	3	99	145	206	18	5	137	3	0	0	3	0	1	5	0	0
23. Cedar Rapids	1	57	3	133	20	8	2	21	168	724	578	68	0	205	2	1	1	0	0	5	0	4	0
24. Iowa City	1	23	0	72	15	2	0	0	75	420	259	38	8	90	4	1	1	4	0	10	0	65	0
25. Amana	0	20	0	27	2	2	3	0	38	75	60	2	1	18	6	0	0	0	0	0	1	0	0
26. Cedar Falls	2	28	0	61	27	5	2	3	168	241	135	2	5	74	2	0	1	0	0	2	0	16	2
27. Marshalltown	2	9	0	47	9	6	1	96	117	188	105	4	0	33	1	0	1	0	0	2	0	25	0
28. Eldora	0	11	0	28	6	13	0	41	100	82	66	1	2	32	0	0	0	0	0	3	0	0	1
29. Ames	2	17	1	76	8	14	0	86	145	2346	236	4	4	89	2	0	0	2	0	1	0	0	0
30. Alleman	0	5	0	17	5	1	0	3	25	52	24	2	0	10	0	0	0	0	0	0	0	0	0
31. Des Moines	0	36	2	109	22	1	1	3	81	2371	401	17	4	130	8	0	1	2	0	2	0	0	0
32. Boone County	1	53	0	128	0	31	17	2	83	204	460	50	5	200	1	0	1	0	2	1	0	51	0
33. Lehigh	0	5	0	17	9	2	0	0	0	31	63	0	0	20	0	0	0	0	0	0	0	0	0
34. Fort Dodge	0	15	0	34	22	1	0	0	46	126	136	0	1	64	1	0	0	0	0	0	0	0	0
35. Jamaica	2	12	0	33	5	24	0	76	84	129	153	0	0	33	0	0	0	0	0	1	0	0	0
36. Sac County	0	6	0	12	10	8	0	0	35	66	75	0	0	35	2	0	0	0	0	1	0	9	0
** Subtotal **	20	376	6	955	203	136	29	335	1390	7850	3134	228	42	1353	39	2	6	14	2	29	6	188	3
** 5																							
37. Ottumwa	1	2	0	16	1	1	0	0	72	88	54	6	1	10	0	0	0	2	0	1	0	0	0
38. Rathbun	4	17	0	52	10	25	0	13	144	314	197	20	3	58	0	0	0	8	2	4	0	0	0
39. Red Rock	1	20	1	72	9	5	0	1	57	6479	106	13	2	31	0	0	0	0	0	1	0	18	0
40. Lucas	2	10	0	42	5	8	0	100	55	119	107	10	0	47	6	0	0	0	0	0	0	2	0
41. Lamoni	0	11	0	14	1	5	0	0	67	16	112	2	0	24	2	0	0	0	0	0	0	50	0
** Subtotal **	8	60	1	196	26	44	0	114	395	7016	576	51	6	170	8	0	0	10	2	6	0	70	0
*** Total ***	57	1069	13	2571	548	629	68	575	4277	51256	8688	620	106	3053	300	12	20	183	35	86	9	707	10

Location	Lo Sh	Eu St	No Ca	Am Tr Sp	Fi Sp	Fo Sp	So Sp	Sw Sp	Wh Th Sp	Wh Cr Sp	Ha Sp	Da Ey Ju	La Lo	Sn Bu	Re Wi Bl	Me Sp	Ru Bl	Co Gr	Br He Co	Pu Fi	Co Re	Pi Si	
** 1																							
1. Yellow R. F.	0	5	221	107	12	0	0	0	0	0	0	73	0	0	50	0	1	0	0	9	0	2	
2. Dubuque	0	0	509	96	36	0	17	2	0	0	0	310	0	0	0	1	0	4	0	12	0	54	
3. Clinton	0	0	669	229	298	0	0	7	3	0	1	383	0	0	3	1	0	44	2	45	5	87	
4. Princeton	0	0	733	195	315	0	0	6	2	1	0	570	1	0	10	1	0	1	3	3	0	6	
5. Davenport	0	0	1665	473	729	1	0	52	11	5	2	1158	1	0	1471	1	2	626	9	7	4	217	
6. Muscatine	0	0	1342	331	797	0	0	20	3	1	0	816	0	0	100	0	0	20	1	12	1	35	
7. Oakville	0	0	760	342	535	5	0	32	5	0	4	872	1	0	94	3	0	0	0	25	0	76	
8. Burlington	0	0	1015	261	61	0	0	0	1	0	0	988	3	0	4	0	0	3	0	4	0	66	
9. Keokuk	0	0	1823	251	179	0	0	43	2	11	0	702	0	0	3	0	0	151	12	17	0	77	
** Subtotal **	0	5	8737	2285	2962	6	17	162	27	18	7	5872	6	0	1735	7	3	849	27	134	10	620	
** 2																							
10. Sioux City	0	0	541	36	369	0	0	5	0	0	0	277	0	0	0	0	36	25	0	2	0	1	
11. DeSoto NWR	0	0	1927	142	786	0	0	12	0	0	0	861	6	0	1231	1	0	5	2	0	0	10	
12. Omaha NE	0	0	21859	318	202	0	0	8	1	0	1	641	0	0	77698	8	62	62	0	3	0	79	
13. Shenandoah	2	0	747	56	127	0	0	3	3	0	0	225	0	0	20	54	0	33	0	0	0	31	
14. Tristate	1	0	441	99	144	0	0	4	0	0	0	530	0	0	0	0	0	0	0	0	0	68	
** Subtotal **	3	0	25515	651	1628	0	0	32	4	0	1	2534	6	0	78949	63	98	125	2	5	0	189	
** 3																							
15. Decorah	0	5	862	195	42	0	0	0	0	0	0	155	0	0	0	0	0	0	0	23	0	32	
16. Bremer Co.	0	0	556	163	52	0	0	2	0	1	0	124	56	0	5	1	0	12	0	0	0	6	
17. Mason City	0	0	414	39	11	0	0	0	0	0	0	196	0	8	0	0	0	9	0	6	3	0	
18. Spirit Lake	0	0	659	4	71	0	0	1	0	0	0	139	0	0	2	0	0	1	0	11	56	14	
19. Cherokee	0	0	901	22	204	0	0	0	0	0	0	316	0	0	133	0	7	0	0	2	0	9	
20. Westfield	0	1	225	11	339	0	0	4	1	0	0	44	0	0	0	0	0	0	0	0	1	0	
** Subtotal **	0	6	3617	434	719	0	0	7	1	1	0	974	56	8	140	1	7	22	0	42	60	61	
** 4																							
21. Lost Nation	0	0	807	258	123	0	0	12	1	0	2	486	1	0	17	0	0	0	1	9	0	0	
22. North Linn	0	0	387	261	23	0	0	4	2	3	0	446	0	0	0	0	0	5	0	27	30	2	
23. Cedar Rapids	0	1	1102	443	385	1	0	17	0	1	0	617	0	0	0	0	0	43	1	14	5	57	
24. Iowa City	0	0	1636	219	312	0	0	18	2	5	4	513	0	0	1	0	0	1	2	2	0	131	
25. Amana	0	0	85	47	115	0	0	2	0	0	0	95	0	0	0	0	0	0	1	0	0	0	
26. Cedar Falls	0	0	895	157	59	0	0	1	0	1	0	177	0	0	4	0	0	4	0	9	0	15	
27. Marshalltown	0	0	547	66	95	0	0	0	0	4	0	150	0	100	0	0	0	5	1	25	0	22	
28. Eldora	0	0	528	84	16	0	0	0	0	0	0	46	0	3	0	0	0	8	0	13	0	26	
29. Ames	1	0	2460	134	331	0	0	5	0	1	0	415	1	0	1	0	0	1	0	15	0	43	
30. Alleman	0	0	200	17	65	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	2	
31. Des Moines	0	0	1252	223	873	0	0	38	0	3	0	581	21	0	1	0	0	1	0	4	0	38	
32. Boone County	0	0	1054	271	125	0	0	33	3	2	3	452	0	0	2	0	3	0	0	65	0	44	
33. Lehigh	0	0	27	31	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	2	0	0	
34. Fort Dodge	0	0	129	65	17	0	2	0	0	0	0	108	0	0	0	0	0	3	0	1	0	18	
35. Jamaica	0	0	852	42	514	0	0	14	4	0	0	293	1265	2	11	0	8	5	0	3	0	4	
36. Sac County	0	0	224	22	265	0	0	0	0	0	0	79	8	0	1	0	0	4	0	0	0	2	
** Subtotal **	1	1	12185	2340	3318	1	2	144	12	20	9	4513	1296	105	38	0	12	81	6	189	35	404	
** 5																							
37. Ottumwa	0	0	130	53	148	0	0	1	0	0	0	152	0	0	0	0	0	1	0	25	0	10	
38. Rathbun	2	0	1412	199	1150	0	0	8	3	0	3	798	1	12	6	29	4	3	0	15	0	13	
39. Red Rock	0	1	466	98	661	0	0	12	0	1	12	415	0	0	5	3	0	0	0	20	28	2	
40. Lucas	0	0	172	40	312	0	0	5	1	0	5	240	0	0	3	0	0	0	0	2	0	7	
41. Lamoni	0	2	81	45	886	0	0	0	0	0	0	520	0	0	0	0	0	2	0	40	0	0	
** Subtotal **	2	3	2261	435	3157	0	0	26	4	1	20	6	2125	1	12	14	32	6	0	102	28	32	
*** Total ***	6	15	52315	6145	11784	7	19	371	48	40	37	91	16018	1365	125	80876	103	124	1083	35	472	133	1306

Location	Am Go	Ho Sp
** 1		
1. Yellow R. F.	41	681
2. Dubuque	72	866
3. Clinton	106	1533
4. Princeton	75	1153
5. Davenport	206	1555
6. Muscatine	90	2303
7. Oakville	160	1481
8. Burlington	148	1057
9. Keokuk	415	1392
** Subtotal **	1313	12021
** 2		
10. Sioux City	57	186
11. DeSoto NWR	164	2038
12. Omaha NE	147	2106
13. Shenandoah	106	1281
14. Tristate	55	766
** Subtotal **	529	6377
** 3		
15. Decorah	54	1454
16. Bremer Co.	55	786
17. Mason City	25	1477
18. Spirit Lake	50	1737
19. Cherokee	320	1219
20. Westfield	19	95
** Subtotal **	523	6768
** 4		
21. Lost Nation	121	980
22. North Linn	58	574
23. Cedar Rapids	122	1150
24. Iowa City	77	1252
25. Amana	8	330
26. Cedar Falls	31	1139
27. Marshalltown	53	483
28. Eldora	33	1059
29. Ames	54	2533
30. Alleman	6	300
31. Des Moines	133	682
32. Boone County	270	1614
33. Lehigh	38	133
34. Fort Dodge	78	386
35. Jamaica	64	1011
36. Sac County	26	623
** Subtotal **	1172	14249
** 5		
37. Ottumwa	34	262
38. Rathbun	164	2287
39. Red Rock	79	1440
40. Lucas	53	190
41. Lamon	100	294
** Subtotal **	430	4473
*** Total ***	3967	43888

1. Yellow R. F.	2217 +5	2222
2. Dubuque	2921 +3	2924
3. Clinton	7277 +0	7277
4. Princeton	4993 +0	4993
5. Davenport	17487 +13	17500
6. Muscatine	7840 +10	7850
7. Oakville	27941 +7	27948
8. Burlington	6363 +0	6363
9. Keokuk	40724 +10	40734
10. Sioux City	5178 +0	5178
11. DeSoto NWR	86233 +4	86237
12. Omaha NE	105295 +6	105301
13. Shenandoah	115547 +4	115551
14. Tristate	13116 +6	13122
15. Decorah	4078 +2	4080
16. Bremer Co.	2736 +0	2736
17. Mason City	4560 +5	4575
18. Spirit Lake	8096 +14	8110
19. Cherokee	4164 +1	4165
20. Westfield	1070 +0	1070
21. Lost Nation	4610 +1	4611
22. North Linn	2889 +0	2889
23. Cedar Rapids	7852 +2	7854
24. Iowa City	5923 +11	5934
25. Amana	1101 +0	1101
26. Cedar Falls	4278 +0	4278
27. Marshalltown	2509 +10	2519
28. Eldora	2416 +1	2417
29. Ames	9765 +2	9767
30. Alleman	3347 +0	3347
31. Des Moines	8685 +2	8687
32. Boone County	5554 +74	5588
33. Lehigh	416 +0	416
34. Fort Dodge	1289 +0	1289
35. Jamaica	14767 +1	14768
36. Sac County	1587 +0	1587
37. Ottumwa	2318 +0	2318
38. Rathbun	44989 +14	45003
39. Red Rock	21245 +0	21245
40. Lucas	1667 +3	1670
41. Lamoni	2393 +1	2393