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IOWA CROP & LIVESTOCK DATA 1954 - 1970

VOL. 12—IOWA AND WATERLOO EXTENSION AREA
IOWA STATE UNIVERSITY of Science and Technology
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IOWA CROP AND LIVESTOCK DATA, 1954-1970

VOL. XII: IOWA AND WATERLOO EXTENSION AREA

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* See the foreword for an explanation of the data presented in this report.

FOREWORD

This series of reports contains selected crop and livestock data for Iowa and the 12 extension program areas of the state. Included are data on production, inventories or marketings for the 1954-70 period; also trends in production, inventories or marketings; and area proportions of state totals and county proportions of area totals. These reports update and replace the previous edition, Iowa Crop and Livestock Data 1954-1967, which was distributed in 1968. The earlier reports should be discarded.

There are 13 separate reports in the series. Volumes I through XII are summaries of crop and livestock data for the 12 extension areas of the state for the 1954-70 period. Each area summary includes state data for the 1954-70 period, county and area totals for the particular area, trends for individual counties within an area, and county proportions of area totals. Volume XIII is a summary of state and extension area crop and livestock data for the 1954-70 period.

The data is based on county data from the Iowa Annual Farm Census, published by the Iowa Crop and Livestock Reporting Service. Most of the livestock data included in this series, however, reflect an adjustment of the annual census data. The exception is the pig crop data since 1959, which was taken directly from the annual publication, Hogs and Pigs, Iowa, published by the Iowa Crop and Livestock Reporting Service.

Annual Farm Census data are based on county assessor reports. This data has historically indicated lower levels of state production of most kinds of livestock than shown by other estimates of Iowa production and by actual marketing levels. Therefore, with the exception mentioned, the county and extension area livestock data in this report have been adjusted

to reflect the level of statewide production or marketings estimated by the Statistical Reporting Service, USDA. The amount of error in the SRS data is generally considered to be quite small. Thus, county livestock data in this report is not comparable to that published in the Annual Iowa Farm Census, although the relative position of each county is the same.

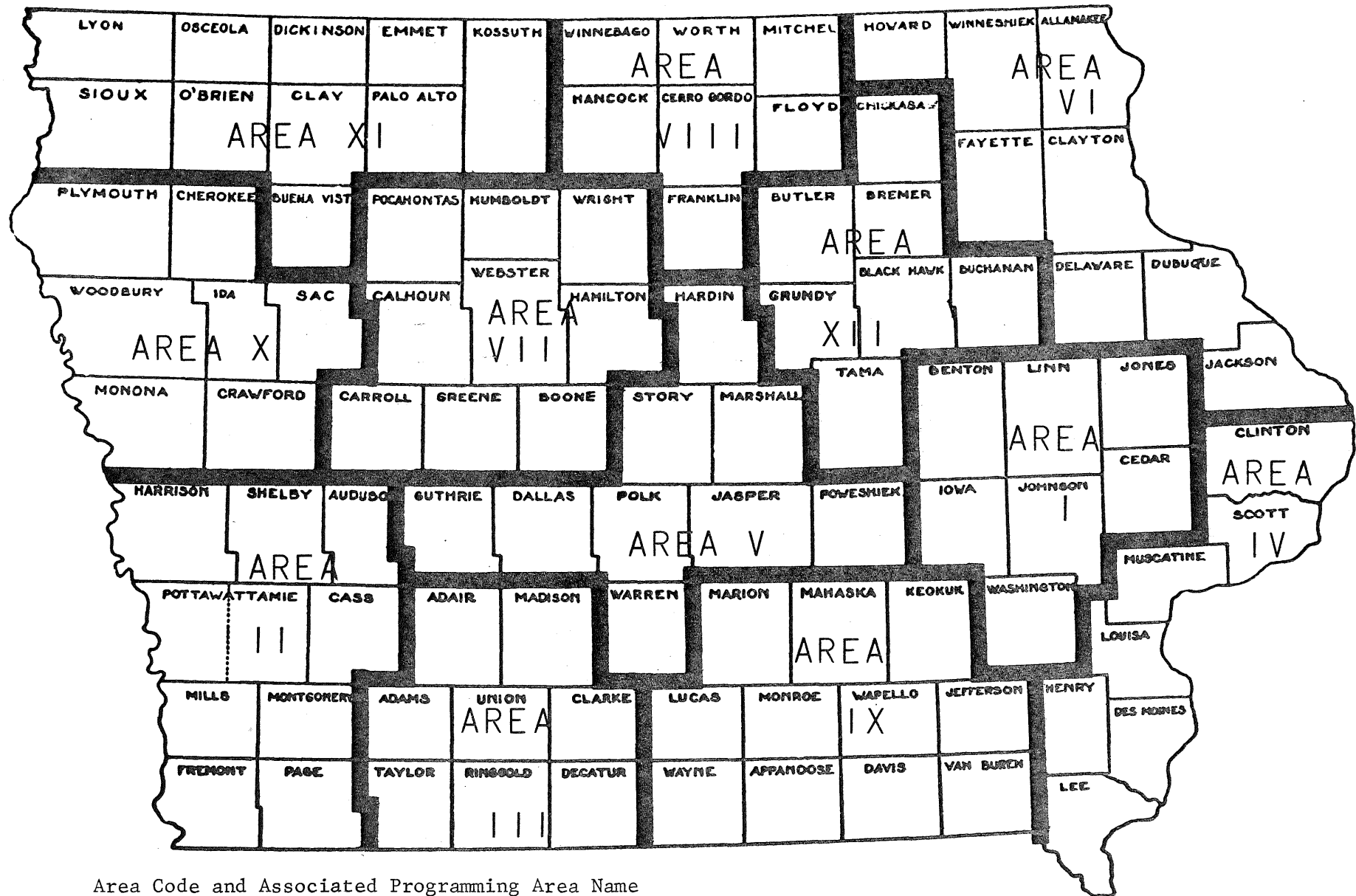
The method used to adjust the data was as follows: (1) the ratios of the state totals from the Annual Farm Census and from Statistical Reporting Service sources were computed for each year; (2) county data from the Annual Farm Census reports were adjusted by dividing by these same ratios. For example, the number of beef cows on Iowa farms on January 1, 1970 was estimated at 1,443,000 by the Statistical Reporting Service. Iowa Annual Farm Census data for the same date showed a total of 1,292,043 head. Therefore, the adjustment ratio was 1,292,043/1,443,000 or .8953. Individual county data on beef cows for 1970 as published in the Iowa Annual Farm Census were then adjusted upward by dividing by .8953.

The adjustment factors used for each type of livestock data for each year were as follows:

	Beef Cattle Marketed	Beef Cow Numbers	Pigs Born	Fed Lambs Marketed	Lambs Born	Milk Cow Numbers	Hens & Pullets
1954	1.109	.951	.908	.469	.708	.803	.850
1955	1.167	.881	.920	.447	.704	.800	.817
1956	1.106	.854	.893	.471	.730	.809	.870
1957	1.134	.846	.894	.501	.714	.790	.816
1958	1.163	.933	.900	.570	.661	.778	.861
1959	1.171	.882	--	.557	.680	.798	.778
1960	1.175	.849	--	.574	.688	.820	.817
1961	1.173	.892	--	.547	.675	.824	.807
1962	1.137	.904	--	.568	.661	.793	.730
1963	1.085	.923	--	.584	.702	.804	.770
1964	1.055	.908	--	.587	.731	.807	.778
1965	1.069	.839	--	.593	.699	.746	.671
1966	1.044	.848	--	.600	.693	.775	.738
1967	.968	.831	--	.697	.736	.757	.627
1968	.957	.847	--	.660	.772	.763	.582
1969	.902	.841	--	.700	.693	.751	.648
1970	.873	.895	--	.765	.667	.770	.677

This method of adjusting the livestock data assumes a uniform bias in Iowa Annual Farm Census data in all counties of the state. While we are aware the bias may not be uniform, we feel the adjusted county and area estimates are a more accurate indicator of actual livestock populations than the unadjusted livestock data published in the Iowa Annual Farm Census.

Multicounty Areas For Extension Programming And Staffing In Iowa



Area Code and Associated Programming Area Name

Area I = Cedar Rapids
 Area II = Council Bluffs
 Area III = Creston
 Area IV = Davenport

Area V = Des Moines
 Area VI = Dubuque
 Area VII = Fort Dodge
 Area VIII = Mason City

Area IX = Ottumwa
 Area X = Sioux City
 Area XI = Spencer
 Area XIII = Waterloo

STATE CROP INFORMATION: HARVESTED ACRES, YIELD & PRODUCTION

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
ACRES IN FARMS (THOUSANDS)	34733.2	34746.6	34699.6	34687.5	34631.4	34634.6	34617.1	34599.5	34545.6	34524.
NO. OF FARMS (THOUSANDS)	194.62	192.03	190.26	188.75	186.92	184.87	180.59	177.17	173.61	170.0
ACRES IN CORN (THOUSANDS)	10009.4	10225.4	9377.1	9837.1	9692.6	12016.0	12090.7	9939.5	9705.7	10580.
ACRES IN SOYBEANS (THOUSANDS)	2091.16	2228.61	2480.98	2812.92	3088.96	2327.73	2564.17	3364.12	3364.81	3544.8
ACRES IN HAY (THOUSANDS)	3823.49	3960.71	3586.32	3593.61	3851.10	3576.25	3498.34	3312.71	3506.96	3314.6
CORN (1000 BU)	540153.	495449.	500286.	610991.	640528.	771887.	764288.	749094.	748236.	858225
SOYBEANS (1000 BU)	54419.	44016.	49340.	75057.	77588.	60721.	65961.	95718.	92072.	107785
CORN (BU/ACRE)	53.96	48.45	53.35	62.11	66.08	64.24	63.21	75.37	77.08	81.1
SOYBEANS (BU/ACRE)	26.02	19.75	19.89	26.68	25.12	26.09	25.72	28.45	27.36	30.4

STATE LIVESTOCK INFORMATION:

FED CATTLE MKT'D (THOUSANDS)	1864.17	1975.83	2045.14	2146.91	2412.25	2569.28	2565.05	2586.17	2687.16	3032.2
BEEF COW NUMBERS (THOUSANDS)	992.05	1018.05	964.06	940.88	870.02	954.09	993.02	995.10	1028.07	1079.1
PIGS BORN (THOUSANDS)	19676.8	21317.1	19122.2	18807.5	20269.7	21072.8	18715.2	20205.6	20094.7	20804.
FED LAMBS MKT'D (THOUSANDS)	1245.14	1411.27	1430.28	1498.12	1415.05	1572.26	1579.04	1662.07	1501.99	1438.0
LAMBS BORN (THOUSANDS)	801.08	825.10	826.07	902.04	985.14	969.13	943.03	933.04	875.08	782.0
MILK COW NUMBERS (THOUSANDS)	1145.12	1122.07	1100.10	1089.00	1045.00	982.11	942.97	934.12	925.12	388.0
HENS AND PULLETS (THOUSANDS)	28436.6	28461.8	27346.7	28018.6	27130.9	27738.9	25511.6	24723.6	23740.4	20824.

STATE CROP INFORMATION: HARVESTED ACRES, YIELD & PRODUCTION

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
ACRES IN FARMS (THOUSANDS)	34476.6	34282.7	34192.5	34012.2	33869.7	33780.9	33689.9			
NO. OF FARMS (THOUSANDS)	165.89	153.67	149.28	145.51	140.85	136.60	135.26			
ACRES IN CORN (THOUSANDS)	9772.6	9871.5	10141.7	11079.9	9731.3	9558.1	10005.1			
ACRES IN SOYBEANS (THOUSANDS)	4204.00	4755.71	4923.57	5135.73	5484.10	5388.65	5618.50			
ACRES IN HAY (THOUSANDS)	3230.18	3005.77	2958.23	2794.91	2554.71	2496.44	2451.29			
CORN (1000 BU)	768988.	812816.	902179.	981344.	897967.	932900.	857958.			
SOYBEANS (1000 BU)	119722.	123905.	144413.	140728.	174111.	174258.	182631.			
CORN (BU/ACRE)	78.69	82.34	88.96	88.57	92.28	97.60	85.75			
SOYBEANS (BU/ACRE)	28.48	26.05	29.33	27.40	31.75	32.34	32.51			

STATE LIVESTOCK INFORMATION:

FED CATTLE MKT'D (THOUSANDS)	3173.81	3293.39	3581.29	4082.85	4351.82	4550.06	4581.59			
BEEF COW NUMBERS (THOUSANDS)	1172.00	1287.11	1300.11	1333.05	1345.78	1394.21	1443.62			
PIGS BORN (THOUSANDS)	20490.4	18782.8	20754.0	21621.0	22718.0	20141.0	22871.0			
FED LAMBS MKT'D (THOUSANDS)	1458.12	1235.04	1159.98	928.39	909.21	847.12	735.63			
LAMBS BORN (THOUSANDS)	750.09	750.04	693.07	671.65	598.63	585.87	555.13			
MILK COW NUMBERS (THOUSANDS)	860.97	827.07	744.13	591.98	643.88	604.95	567.85			
HENS AND PULLETS (THOUSANDS)	19959.0	19783.6	17126.4	16602.9	14621.9	12855.5	13235.7			

AREA XII--WATERLCC

FARM NUMBERS

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY (THOUSANDS)										
BLACK HAWK	2.22	2.18	2.16	2.13	2.11	2.07	2.03	1.98	1.95	1.93
BREMER	1.95	1.95	1.92	1.93	1.93	1.92	1.90	1.85	1.81	1.77
BUCHANAN	2.29	2.27	2.25	2.24	2.25	2.24	2.19	2.14	2.11	2.03
BUTLER	2.12	2.09	2.05	2.04	2.03	2.02	1.99	1.96	1.93	1.89
CHICKASAW	1.90	1.90	1.88	1.86	1.85	1.83	1.80	1.79	1.77	1.76
GRUNDY	1.72	1.75	1.73	1.72	1.71	1.70	1.66	1.65	1.62	1.61
TAMA	2.52	2.53	2.47	2.45	2.44	2.43	2.39	2.37	2.32	2.30
AREA TOTAL:	14.72	14.67	14.47	14.38	14.32	14.21	13.97	13.74	13.51	13.29
YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY (THOUSANDS)										
BLACK HAWK	1.92	1.78	1.70	1.65	1.62	1.59	1.58			
BREMER	1.76	1.68	1.63	1.57	1.53	1.50	1.49			
BUCHANAN	1.98	1.89	1.84	1.80	1.74	1.70	1.69			
BUTLER	1.82	1.82	1.78	1.73	1.67	1.65	1.64			
CHICKASAW	1.74	1.61	1.58	1.56	1.53	1.50	1.45			
GRUNDY	1.59	1.52	1.49	1.45	1.41	1.36	1.34			
TAMA	2.25	2.08	2.02	1.98	1.92	1.87	1.86			
AREA TOTAL:	13.07	12.38	12.04	11.75	11.42	11.17	11.06			

FARM NUMBERS PERCENTAGES FOR AREA XII--WATERLOO

AREA & COUNTY INFORMATION

CCUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
BLACK HAWK	15.08	14.89	14.96	14.80	14.73	14.59	14.56	14.42	14.46	14.50
BREMER	13.24	13.30	13.28	13.44	13.46	13.48	13.58	13.46	13.42	13.31
BUCHANAN	15.52	15.46	15.58	15.61	15.71	15.77	15.68	15.58	15.59	15.28
BUTLER	14.41	14.27	14.16	14.17	14.18	14.19	14.26	14.30	14.28	14.23
CHICKASAW	12.90	12.97	12.97	12.95	12.91	12.89	12.92	13.00	13.09	13.25
GRUNDY	11.70	11.90	11.99	11.99	11.97	11.98	11.92	12.02	11.96	12.12
TAMA	17.13	17.21	17.07	17.04	17.05	17.09	17.09	17.22	17.19	17.32

AREA PERCENT OF STATE:	7.57	7.64	7.60	7.62	7.66	7.69	7.74	7.76	7.78	7.82
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CCUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
BLACK HAWK	14.67	14.34	14.11	14.08	14.22	14.20	14.29			
BREMER	13.47	13.54	13.53	13.34	13.38	13.43	13.45			
BUCHANAN	15.18	15.26	15.25	15.32	15.23	15.21	15.28			
BUTLER	13.94	14.70	14.78	14.75	14.65	14.77	14.87			
CHICKASAW	13.34	13.02	13.13	13.30	13.40	13.45	13.09			
GRUNDY	12.19	12.29	12.38	12.38	12.33	12.20	12.17			
TAMA	17.21	16.84	16.82	16.82	16.79	16.73	16.86			

AREA PERCENT OF STATE:	7.88	8.06	8.06	8.08	8.11	8.18	8.17			
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AREA XII--WATERLCO

FARM NUMBERS (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
BLACK HAWK	107.09	105.35	104.34	102.65	101.69	100.00	98.07	95.52	94.21	92.91
BREMER	101.77	101.88	100.31	100.89	100.57	100.00	99.01	96.50	94.62	92.38
BUCHANAN	102.01	101.20	100.58	100.18	100.40	100.00	97.72	95.54	93.98	90.63
BUTLER	105.21	103.82	101.54	101.04	100.64	100.00	98.76	97.42	95.69	93.80
CHICKASAW	103.71	103.88	102.40	101.64	100.93	100.00	98.53	97.49	96.56	96.12
GRUNDY	101.17	102.52	101.88	101.23	100.65	100.00	97.77	97.01	94.89	94.60
TAMA	103.91	104.04	101.69	100.91	100.54	100.00	98.31	97.45	95.68	94.81
AREA INDEX	103.62	103.26	101.81	101.20	100.77	100.00	98.30	96.69	95.07	93.55
IOWA INDEX	105.28	103.87	102.92	102.10	101.11	100.00	97.69	95.84	93.91	91.97

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY INDEXES										
BLACK HAWK	92.43	85.63	81.92	79.80	78.30	76.52	76.18			
BREMER	91.86	87.53	85.02	81.84	79.75	78.34	77.61			
BUCHANAN	88.53	84.34	81.93	80.32	77.64	75.86	75.37			
BUTLER	90.33	90.28	88.20	85.92	82.94	81.85	81.51			
CHICKASAW	95.14	88.05	86.30	85.32	83.57	82.04	78.98			
GRUNDY	93.54	89.37	87.49	85.44	82.74	80.04	78.98			
TAMA	92.63	85.87	83.40	81.43	79.00	77.02	76.77			
AREA INDEX	91.96	87.14	84.72	82.69	80.38	78.64	77.80			
IOWA INDEX	89.74	83.12	80.75	78.71	76.19	73.89	73.17			

AREA XII--WATERLOG

CORN PRODUCTION

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY (1000 BU)										
BLACK HAWK	6400.3	5632.7	7462.6	8505.6	8690.1	9885.0	8423.4	8952.4	8912.1	10392.1
BREMER	5035.7	4222.2	5340.8	5081.5	6184.9	6595.9	5631.1	6037.4	5506.1	7087.0
BUCHANAN	6858.9	5495.2	7399.0	7681.8	7985.5	9025.5	7058.2	8210.2	7068.8	9871.2
BUTLER	7132.7	5888.3	7368.7	7959.3	8857.4	10245.6	8425.3	9000.9	9505.0	10626.7
CHICKASAW	5071.5	4108.3	5896.1	4995.1	6039.2	6191.2	5625.3	5686.0	5259.1	7141.7
GRUNDY	7376.6	6866.3	8276.6	9748.7	9500.7	11431.4	10089.4	10330.4	10418.8	11606.1
TAMA	8108.6	7772.0	9762.9	10678.6	10670.0	10958.4	11213.2	11003.1	11304.3	12783.7
AREA TOTAL:	45984.	39985.	51507.	54651.	57928.	64333.	56466.	59220.	57974.	69508.

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY (1000 BU)										
BLACK HAWK	8827.3	10060.9	10508.1	12439.7	10795.5	8867.3	10428.4			
BREMER	5420.6	6558.5	6687.6	8549.6	7817.6	6344.3	7612.6			
BUCHANAN	8676.6	9712.9	9972.3	12434.2	10996.9	9978.6	10440.2			
BUTLER	9173.6	9755.6	10847.0	12255.5	11476.5	9266.6	11399.5			
CHICKASAW	3762.2	5681.0	6397.3	7988.3	7597.2	6070.8	7380.1			
GRUNDY	11301.9	11847.2	13008.7	14970.3	13954.5	12049.5	13031.5			
TAMA	12139.7	12914.3	14082.9	15471.1	14258.9	12921.8	13545.3			
AREA TOTAL:	59302.	66530.	71504.	84109.	76897.	65499.	73838.			

CORN PRODUCTION PERCENTAGES FOR AREA XII--WATERLOO

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
BLACK HAWK	13.92	14.09	14.49	15.56	15.00	15.37	14.92	15.12	15.37	14.95
BREMER	10.95	10.56	10.37	9.30	10.68	10.25	9.97	10.19	9.50	10.20
BUCHANAN	14.92	13.74	14.37	14.06	13.79	14.03	12.50	13.86	12.19	14.20
BUTLER	15.51	14.73	14.31	14.56	15.29	15.93	14.92	15.20	16.40	15.29
CHICKASAW	11.03	10.27	11.45	9.14	10.43	9.62	9.96	9.60	9.07	10.27
GRUNDY	16.04	17.17	16.07	17.84	16.40	17.77	17.87	17.44	17.97	16.70
TAMA	17.63	19.44	18.95	19.54	18.42	17.03	19.86	18.58	19.50	18.39
AREA PERCENT OF STATE:	8.51	8.07	10.30	8.94	9.04	8.33	7.39	7.91	7.75	8.10

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
BLACK HAWK	14.89	15.12	14.70	14.79	14.04	13.54	14.12			
BREMER	9.14	9.86	9.35	10.16	10.17	9.69	10.31			
BUCHANAN	14.63	14.60	13.95	14.78	14.30	15.23	14.14			
BUTLER	15.47	14.66	15.17	14.57	14.92	14.15	15.44			
CHICKASAW	6.34	8.54	8.95	9.50	9.88	9.27	10.00			
GRUNDY	19.06	17.81	18.19	17.80	18.15	18.40	17.65			
TAMA	20.47	19.41	19.70	18.39	18.54	19.73	18.34			
AREA PERCENT OF STATE:	7.71	8.19	7.93	8.57	8.56	7.02	8.61			

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AREA XII--WATERLCO

CORN PRODUCTION (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
BLACK HAWK	64.75	56.98	75.49	86.04	87.91	100.00	85.21	90.57	90.16	105.13
BREMER	76.35	64.01	80.97	77.04	93.77	100.00	85.37	91.53	83.48	107.45
BUCHANAN	75.99	60.89	81.98	85.11	88.48	100.00	78.20	90.97	78.32	109.37
BUTLER	69.62	57.47	71.92	77.68	86.45	100.00	82.23	87.85	92.77	103.72
CHICKASAW	81.91	66.36	95.23	80.68	97.54	100.00	90.86	91.84	84.95	115.35
GRUNDY	64.53	60.07	72.40	85.28	83.11	100.00	88.26	90.37	91.14	101.53
TAMA	73.99	70.92	89.09	97.45	97.37	100.00	102.32	100.41	103.16	116.66
AREA INDEX	71.48	62.15	80.06	84.95	90.04	100.00	87.77	92.05	90.12	108.04
IOWA INDEX	69.98	64.19	64.81	79.16	82.98	100.00	99.02	97.05	96.94	111.19
YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY INDEXES										
BLACK HAWK	89.30	101.78	106.30	125.84	109.21	89.70	105.50			
BREMER	82.18	99.43	101.39	129.62	118.52	96.19	115.41			
BUCHANAN	96.13	107.62	110.49	137.77	121.84	110.56	115.67			
BUTLER	89.54	95.22	105.87	119.62	112.01	90.44	111.26			
CHICKASAW	60.77	91.76	103.33	129.03	122.71	98.06	119.20			
GRUNDY	98.87	103.64	113.80	130.96	122.07	105.41	114.00			
TAMA	110.78	117.85	128.51	141.18	130.12	117.92	123.61			
AREA INDEX	92.18	103.42	111.15	130.74	119.53	101.81	114.77			
IOWA INDEX	99.62	105.30	116.88	127.14	116.33	120.86	111.15			

AREA XII--WATERLCO

SOYBEAN PRODUCTION

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY (1000 BU)										
BLACK HAWK	373.16	265.35	385.96	536.10	585.32	408.01	507.03	754.45	784.09	909.54
BREMER	229.25	191.41	227.50	265.58	306.08	236.86	399.10	467.74	426.14	580.70
BUCHANAN	274.83	235.57	290.33	417.63	498.68	265.74	458.99	621.41	567.67	767.74
BUTLER	422.43	312.92	367.69	464.38	515.38	421.39	565.70	731.64	707.93	867.20
CHICKASAW	300.03	263.71	329.97	407.48	491.51	343.75	608.26	597.66	546.86	745.54
GRUNDY	679.23	545.05	703.94	791.64	718.69	684.59	825.39	1112.41	1049.71	1229.10
TAMA	477.38	411.63	534.21	622.88	599.88	495.91	535.67	859.19	850.66	1031.24
AREA TOTAL:	2756.	2226.	2840.	3506.	3716.	2856.	3900.	5145.	4933.	6131.

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY (1000 BU)										
BLACK HAWK	1049.60	1285.30	1445.41	1557.95	1821.64	1732.20	1988.79			
BREMER	586.51	828.70	886.88	958.11	1155.77	1138.20	1376.75			
BUCHANAN	884.35	1075.65	1185.47	1202.11	1372.58	1605.14	1773.25			
BUTLER	995.90	1128.78	1316.99	1380.85	1775.42	1626.24	1953.12			
CHICKASAW	711.17	854.14	952.48	909.39	1257.87	1110.24	1457.62			
GRUNDY	1455.90	1719.01	1969.72	2002.18	2508.57	2388.76	2720.19			
TAMA	1343.87	1496.03	1704.16	1819.11	2482.20	2204.36	2613.81			
AREA TOTAL:	7027.	8388.	9461.	9830.	12374.	11805.	13884.			

SOYBEAN PRODUCTION PERCENTAGES FOR AREA XII--WATERLOO

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
BLACK HAWK	13.54	11.92	13.59	15.29	15.75	14.28	13.00	14.67	15.89	14.83
BREMER	8.32	8.60	8.01	7.58	8.24	8.29	10.23	9.09	8.64	9.47
BUCHANAN	9.97	10.58	10.22	11.91	13.42	9.30	11.77	12.08	11.51	12.52
BUTLER	15.33	14.06	12.95	13.25	13.87	14.75	14.50	14.22	14.35	14.14
CHICKASAW	10.89	11.85	11.62	11.62	13.23	12.04	15.60	11.62	11.09	12.16
GRUNDY	24.64	24.49	24.79	22.58	19.34	23.97	21.16	21.62	21.28	20.05
TAMA	17.32	18.50	18.81	17.77	16.15	17.36	13.73	16.70	17.24	16.82

AREA PERCENT OF STATE: 5.06 5.06 5.76 4.67 4.79 4.70 5.91 5.37 5.36 5.69

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
BLACK HAWK	14.94	15.32	15.28	15.85	14.72	14.67	14.32			
BREMER	8.35	9.88	9.37	9.75	9.34	9.64	9.92			
BUCHANAN	12.58	12.82	12.53	12.23	11.09	13.60	12.77			
BUTLER	14.17	13.46	13.92	14.05	14.35	13.78	14.07			
CHICKASAW	10.12	10.18	10.07	9.25	10.17	9.40	10.50			
GRUNDY	20.72	20.49	20.82	20.37	20.27	20.23	19.59			
TAMA	19.12	17.84	18.01	18.51	20.06	18.67	18.83			

AREA PERCENT OF STATE: 5.87 6.77 6.55 6.98 7.11 6.77 7.60

AREA XII--WATERLCC SCYBEAN PRODUCTION (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
BLACK HAWK	91.46	65.04	94.59	131.39	143.46	100.00	124.27	184.91	192.17	222.92
BREMER	96.79	80.81	96.05	112.13	129.22	100.00	168.50	197.48	179.92	245.17
BUCHANAN	103.42	88.65	109.26	157.16	187.66	100.00	172.72	233.84	213.62	288.91
BUTLER	100.25	74.26	87.26	110.20	122.31	100.00	134.25	173.63	168.00	205.80
CHICKASAW	87.28	76.71	95.99	118.54	142.98	100.00	176.95	173.86	159.08	216.88
GRUNDY	99.22	79.62	102.83	115.64	104.98	100.00	120.57	162.49	153.33	179.54
TAMA	96.26	83.01	107.72	125.60	120.97	100.00	108.02	173.26	171.54	207.95
AREA INDEX	96.50	77.92	99.42	122.74	130.08	100.00	136.55	180.11	172.71	214.65
IOWA INDEX	89.62	72.49	81.26	123.61	127.78	100.00	108.63	157.64	151.63	177.51

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY INDEXES										
BLACK HAWK	257.25	315.02	354.26	381.84	446.47	424.55	487.43			
BREMER	247.62	349.87	374.44	404.51	487.97	480.54	581.26			
BUCHANAN	332.79	404.78	446.10	452.37	516.52	604.03	667.29			
BUTLER	236.34	267.87	312.54	327.69	421.33	385.93	463.50			
CHICKASAW	206.88	248.47	277.08	264.55	365.92	322.98	424.03			
GRUNDY	212.67	251.10	287.72	292.46	366.43	348.93	397.35			
TAMA	270.99	301.67	343.64	366.82	500.54	444.51	527.07			
AREA INDEX	246.03	293.66	331.24	344.15	433.23	413.31	486.08			
IOWA INDEX	197.17	204.06	237.83	231.76	286.74	286.98	300.77			

AREA XII--WATERLCO

FED CATTLE MKT'D

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
BLACK HAWK	18.28	20.04	22.14	25.46	28.67	30.91	30.32	26.55	25.75	26.56
BREMER	2.97	3.38	3.84	4.87	5.11	5.39	6.58	5.67	5.39	5.87
BUCHANAN	11.19	13.98	15.74	18.61	21.25	23.40	23.35	21.51	20.06	21.56
BUTLER	8.42	10.26	10.54	11.96	13.04	15.20	17.11	16.42	15.97	17.55
CHICKASAW	4.72	5.74	6.62	7.55	6.69	7.92	9.35	9.31	9.19	8.35
GRUNDY	23.60	25.82	31.30	30.97	31.76	34.85	33.43	33.02	33.85	37.47
TAMA	26.58	30.24	32.00	39.31	43.53	47.79	43.35	44.05	44.68	44.55
AREA TOTAL:	95.76	109.47	122.18	138.74	150.05	165.46	163.48	156.51	154.90	161.93
YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
BLACK HAWK	30.59	29.14	30.72	32.51	34.38	41.49	31.50			
BREMER	5.55	5.34	7.36	7.50	9.14	10.11	10.66			
BUCHANAN	24.51	24.38	26.26	31.38	30.01	32.33	27.51			
BUTLER	19.06	21.20	21.56	25.19	27.51	30.83	30.65			
CHICKASAW	11.76	11.03	11.76	17.09	21.71	20.94	22.07			
GRUNDY	38.59	41.04	44.45	53.75	56.00	56.80	54.34			
TAMA	51.52	53.89	55.14	61.94	60.63	71.87	61.13			
AREA TOTAL:	181.58	186.03	197.23	229.36	239.38	264.37	237.86			

FED CATTLE MKT'D PERCENTAGES FOR AREA XII--WATERLOO

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
BLACK HAWK	19.09	18.31	18.12	18.35	19.11	18.68	18.54	16.96	16.63	16.41
BREMER	3.10	3.09	3.14	3.51	3.41	3.26	4.03	3.62	3.48	3.63
BUCHANAN	11.68	12.77	12.88	13.41	14.16	14.14	14.28	13.74	12.95	13.32
BUTLER	8.80	9.37	8.63	8.62	8.69	9.19	10.46	10.49	10.31	10.84
CHICKASAW	4.93	5.25	5.42	5.45	4.46	4.78	5.72	5.95	5.94	5.16
GRUNDY	24.65	23.59	25.62	22.32	21.17	21.07	20.45	21.10	21.86	23.14
TAMA	27.75	27.63	26.19	28.33	29.01	28.88	26.51	28.14	28.84	27.51
AREA PERCENT OF STATE:	5.14	5.54	5.97	6.46	6.22	6.44	6.37	6.05	5.76	5.34

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
BLACK HAWK	16.85	15.66	15.57	14.17	14.36	15.69	13.24			
BREMER	3.06	2.87	3.73	3.27	3.82	3.82	4.48			
BUCHANAN	13.50	13.11	13.31	13.68	12.54	12.23	11.56			
BUTLER	10.50	11.40	10.93	10.98	11.49	11.66	12.89			
CHICKASAW	6.48	5.93	5.96	7.45	9.07	7.92	9.28			
GRUNDY	21.25	22.06	22.54	23.43	23.40	21.49	22.85			
TAMA	28.37	28.97	27.96	27.01	25.33	27.19	25.70			
AREA PERCENT OF STATE:	5.72	5.65	5.51	5.62	5.50	5.81	5.19			

AREA XII--WATERLOO

FED CATTLE MKT'D (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
BLACK HAWK	59.13	64.83	71.64	82.37	92.75	100.00	98.08	85.88	83.32	85.94
BREMER	55.04	62.73	71.15	90.42	94.87	100.00	122.08	105.24	100.07	108.99
BUCHANAN	47.82	59.74	67.26	79.54	90.81	100.00	99.81	91.92	85.72	92.17
BUTLER	55.43	67.51	69.38	78.70	85.80	100.00	112.57	108.01	105.05	115.46
CHICKASAW	59.69	72.56	83.59	95.43	84.45	100.00	118.15	117.54	116.14	105.54
GRUNDY	67.72	74.09	89.80	88.87	91.14	100.00	95.90	94.75	97.13	107.51
TAMA	55.61	63.28	66.96	82.25	91.08	100.00	90.70	92.16	93.48	93.22
AREA INDEX	57.88	66.16	73.84	83.85	90.69	100.00	98.81	94.60	93.62	97.87
IOWA INDEX	72.56	76.90	79.60	83.56	93.89	100.00	99.84	100.66	104.59	118.02
YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY INDEXES										
BLACK HAWK	98.97	94.27	99.37	105.17	111.22	134.21	101.90			
BREMER	102.94	99.01	136.49	139.18	169.55	187.60	197.70			
BUCHANAN	104.78	104.22	112.23	134.12	128.27	138.17	117.58			
BUTLER	125.43	139.50	141.83	165.72	180.99	202.83	201.69			
CHICKASAW	148.53	139.31	148.54	215.93	274.21	264.52	278.77			
GRUNDY	110.71	117.76	127.52	154.20	160.68	162.98	155.92			
TAMA	107.80	112.76	115.37	129.61	126.87	150.38	127.92			
AREA INDEX	109.75	112.43	119.20	138.62	144.68	159.78	143.76			
IOWA INDEX	123.53	128.18	139.39	158.91	169.38	177.10	178.32			

AREA XII--WATERLOO

BEEF COW NUMBERS

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
BLACK HAWK	4.46	4.49	4.63	4.30	3.87	4.64	4.80	5.11	5.09	5.23
BREMER	1.89	1.80	1.56	1.67	1.42	1.78	1.89	2.03	1.88	2.38
BUCHANAN	7.74	8.25	7.48	7.07	6.58	6.92	7.07	6.95	6.75	6.79
BUTLER	6.69	6.59	6.15	5.86	5.50	5.81	6.14	6.52	7.05	7.43
CHICKASAW	6.49	6.24	6.43	6.50	6.20	6.63	7.76	7.31	7.75	7.91
GRUNDY	10.44	10.34	9.48	8.69	8.21	4.55	8.83	8.69	8.26	8.65
TAMA	20.47	21.07	20.54	19.86	17.68	18.48	19.18	18.96	19.92	20.67
AREA TOTAL:	58.19	58.78	56.27	53.94	49.46	48.80	55.68	55.58	56.69	59.07
YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
BLACK HAWK	6.05	6.76	6.46	6.70	6.57	7.01	6.24			
BREMER	2.70	2.65	2.64	2.53	2.74	3.42	3.66			
BUCHANAN	7.35	8.68	7.71	8.13	8.55	8.64	8.71			
BUTLER	8.26	8.42	8.30	8.33	9.16	10.03	10.19			
CHICKASAW	8.50	8.92	9.46	9.69	10.17	10.29	12.44			
GRUNDY	9.60	10.30	8.95	9.16	8.76	8.07	8.38			
TAMA	23.01	24.50	23.14	23.08	23.19	23.67	22.75			
AREA TOTAL:	65.47	70.23	66.67	67.60	69.14	71.13	72.36			

BEEF CCW NUMBERS PERCENTAGES FOR AREA XII--WATERLOO

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
BLACK HAWK	7.67	7.63	8.22	7.97	7.82	9.51	8.63	9.19	8.98	8.86
BREMER	3.25	3.07	2.77	3.09	2.87	3.65	3.40	3.65	3.32	4.03
BUCHANAN	13.30	14.03	13.30	13.10	13.30	14.17	12.70	12.51	11.90	11.50
BUTLER	11.50	11.21	10.94	10.87	11.13	11.90	11.03	11.74	12.43	12.58
CHICKASAW	11.16	10.62	11.43	12.05	12.53	13.58	13.94	13.16	13.67	13.39
GRUNDY	17.95	17.58	16.84	16.11	16.60	9.32	15.86	15.63	14.58	14.64
TAMA	35.17	35.85	36.50	36.82	35.75	37.86	34.44	34.12	35.13	34.99
AREA PERCENT OF STATE:	5.87	5.77	5.84	5.73	5.69	5.11	5.61	5.58	5.51	5.47

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
BLACK HAWK	9.24	9.63	9.70	9.91	9.50	9.86	8.63			
BREMER	4.12	3.77	3.96	3.74	3.97	4.80	5.05			
BUCHANAN	11.22	12.36	11.57	12.02	12.37	12.14	12.04			
BUTLER	12.62	11.99	12.45	12.32	13.24	14.10	14.08			
CHICKASAW	12.99	12.69	14.19	14.33	14.72	14.47	17.19			
GRUNDY	14.67	14.67	13.42	13.55	12.67	11.35	11.59			
TAMA	35.15	34.89	34.71	34.14	33.54	33.28	31.43			
AREA PERCENT OF STATE:	5.59	5.46	5.13	5.07	5.14	5.10	5.01			

AREA XII--WATERLCO

BEEF COW NUMBERS (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
BLACK HAWK	96.19	96.68	99.71	92.63	83.41	100.00	103.54	110.09	109.67	112.74
BREMER	106.22	101.44	87.63	93.72	79.75	100.00	106.31	114.14	105.76	133.93
BUCHANAN	111.92	119.27	108.21	102.19	95.09	100.00	102.20	100.50	97.54	98.19
BUTLER	115.23	113.45	105.92	100.90	94.76	100.00	105.73	112.28	121.28	127.96
CHICKASAW	97.96	94.16	97.04	98.03	93.54	100.00	117.12	110.37	116.92	119.37
GRUNDY	229.63	227.26	208.37	191.00	180.56	100.00	194.19	190.99	181.71	190.20
TAMA	110.77	114.07	111.15	107.48	95.70	100.00	103.80	102.63	107.79	111.86
AREA INDEX	119.25	120.46	115.31	110.53	101.37	100.00	114.10	113.89	116.18	121.05
IOWA INDEX	103.98	106.70	101.04	98.62	91.19	100.00	104.08	104.30	107.75	113.10

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY INDEXES										
BLACK HAWK	130.31	145.78	139.32	144.44	141.52	151.12	134.51			
BREMER	151.50	148.98	148.26	141.96	154.09	192.08	205.49			
BUCHANAN	106.21	125.51	111.52	117.47	123.63	124.86	125.95			
BUTLER	142.17	144.93	142.88	143.35	157.61	172.68	175.34			
CHICKASAW	128.29	134.53	142.78	146.14	153.50	155.24	187.65			
GRUNDY	211.17	226.48	196.76	201.33	192.54	177.49	184.35			
TAMA	124.57	132.62	125.26	124.91	125.51	128.11	123.11			
AREA INDEX	134.17	143.93	136.63	138.53	141.68	145.76	148.29			
IOWA INDEX	122.84	134.90	136.27	139.72	141.05	146.13	151.31			

AREA XII--WATERLOO

PIGS BORN

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY (1000 HEAD)										
BLACK HAWK	228.47	245.66	218.15	223.96	232.75	244.10	216.00	221.30	205.60	199.00
BREMER	184.48	206.06	192.34	192.29	211.94	217.80	194.00	183.40	180.60	176.40
BUCHANAN	233.63	259.89	237.57	236.07	253.49	257.40	216.10	234.40	239.80	230.60
BUTLER	219.70	238.57	217.21	218.30	247.54	253.40	221.70	235.20	239.20	247.20
CHICKASAW	178.64	194.70	188.81	188.40	200.63	212.80	182.10	194.80	190.20	181.70
GRUNDY	219.31	233.73	221.28	222.86	236.26	236.70	210.10	212.10	218.30	225.00
TAMA	294.49	317.49	293.39	288.75	305.48	311.30	272.10	296.60	290.60	309.80
AREA TOTAL:	1558.72	1696.10	1568.74	1570.63	1688.08	1733.50	1512.10	1577.80	1564.30	1569.70

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY (1000 HEAD)										
BLACK HAWK	189.20	180.90	185.20	179.00	166.50	151.80	182.20			
BREMER	167.20	149.60	169.80	169.50	183.60	163.80	185.30			
BUCHANAN	230.90	228.80	248.20	261.80	269.60	241.50	271.50			
BUTLER	229.60	225.90	259.60	255.40	302.00	274.10	293.10			
CHICKASAW	169.90	137.40	157.80	178.40	190.40	169.70	199.70			
GRUNDY	217.60	200.10	217.80	244.00	244.20	218.00	240.30			
TAMA	303.60	271.80	286.00	291.20	319.00	275.60	318.50			
AREA TOTAL:	1508.00	1394.50	1524.40	1589.30	1675.30	1494.50	1690.60			

PIGS BORN PERCENTAGES FOR AREA XII--WATERLOO

AREA & COUNTY INFORMATION

CCUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
BLACK HAWK	14.66	14.48	13.91	14.26	13.79	14.08	14.28	14.03	13.14	12.68
BREMER	11.84	12.15	12.26	12.24	12.55	12.56	12.83	11.62	11.55	11.24
BUCHANAN	14.99	15.32	15.14	15.03	15.02	14.85	14.29	14.86	15.33	14.69
BUTLER	14.09	14.07	13.85	13.90	14.66	14.62	14.66	14.91	15.29	15.75
CHICKASAW	11.46	11.48	12.04	12.00	11.88	12.28	12.04	12.35	12.16	11.58
GRUNDY	14.07	13.78	14.11	14.19	14.00	13.65	13.89	13.44	13.96	14.33
TAMA	18.89	18.72	18.70	18.38	18.10	17.96	17.99	18.80	18.58	19.74
AREA PERCENT OF STATE:	7.92	7.96	8.20	8.35	8.33	8.23	8.08	7.81	7.78	7.54

CCUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
BLACK HAWK	12.55	12.97	12.15	11.26	9.94	10.16	10.78			
BREMER	11.09	10.73	11.14	10.67	10.96	10.96	10.96			
BUCHANAN	15.31	16.41	16.28	16.47	16.09	16.16	16.06			
BUTLER	15.23	16.20	17.03	16.70	18.03	18.34	17.34			
CHICKASAW	11.27	9.85	10.35	11.23	11.37	11.35	11.81			
GRUNDY	14.43	14.35	14.29	15.35	14.58	14.59	14.21			
TAMA	20.13	19.49	18.76	18.32	19.04	18.44	18.84			
AREA PERCENT OF STATE:	7.36	7.42	7.35	7.35	7.37	7.42	7.39			

AREA XII--WATERLOO

PIGS BORN (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
BLACK HAWK	93.60	100.64	89.37	91.75	95.35	100.00	88.49	90.66	84.23	81.52
BREMER	84.70	94.61	88.31	88.29	97.31	100.00	89.07	84.21	82.92	80.99
BUCHANAN	90.76	100.97	92.29	91.71	98.48	100.00	83.95	91.06	93.16	89.59
BUTLER	86.70	94.15	85.72	86.15	97.69	100.00	87.49	92.82	94.40	97.55
CHICKASAW	83.95	91.50	88.73	88.53	94.28	100.00	85.57	91.54	89.38	85.39
GRUNDY	92.65	98.74	93.48	94.15	99.82	100.00	88.76	89.61	92.23	95.06
TAMA	94.60	101.99	94.25	92.76	98.13	100.00	87.41	95.28	93.35	99.52
AREA INDEX	89.92	97.84	90.50	90.60	97.38	100.00	87.23	91.02	90.24	90.55
IOWA INDEX	93.38	101.16	90.74	89.25	96.19	100.00	88.81	95.88	95.36	98.73

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
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COUNTY INDEXES

BLACK HAWK	77.51	74.11	75.87	73.33	68.21	62.19	74.64
BREMER	76.77	68.69	77.96	77.82	84.30	75.21	85.08
BUCHANAN	89.70	88.89	96.43	101.71	104.74	93.82	105.48
BUTLER	90.61	89.15	102.45	104.74	119.18	108.17	115.67
CHICKASAW	79.84	64.57	74.15	83.83	89.47	79.75	93.84
GRUNDY	91.93	84.54	92.02	103.08	103.17	92.10	101.52
TAMA	97.53	87.31	91.87	93.54	102.47	88.53	102.31
AREA INDEX	86.99	80.44	87.94	91.68	96.64	86.21	97.53
IOWA INDEX	97.24	89.13	98.49	102.60	107.81	95.58	108.53

AREA XII--WATERLCO

FED LAMBS MKT'D

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
BLACK HAWK	13.75	16.89	22.01	26.01	19.39	13.21	22.58	28.01	24.58	28.69
BREMER	1.26	1.73	1.75	4.93	2.28	2.14	1.62	2.04	2.00	2.23
BUCHANAN	6.55	8.25	8.66	19.57	19.63	22.12	19.18	15.51	17.71	10.11
BUTLER	2.25	4.42	11.86	8.60	8.11	2.09	4.45	4.26	7.23	4.95
CHICKASAW	0.96	2.59	0.42	1.85	0.72	1.47	2.27	1.33	1.86	2.58
GRUNDY	18.10	23.09	17.03	16.11	20.30	17.15	24.55	19.40	22.67	37.29
TAMA	5.85	10.18	8.80	14.92	14.34	14.08	13.62	12.82	12.48	9.72
AREA TOTAL:	48.72	67.14	70.53	91.99	84.77	72.26	88.27	83.38	88.53	95.56

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
BLACK HAWK	15.85	15.28	8.20	7.16	4.90	5.05	3.60			
BREMER	4.21	3.15	2.75	1.78	2.08	1.24	1.84			
BUCHANAN	7.46	5.65	3.43	4.34	3.54	6.97	8.87			
BUTLER	6.27	3.76	2.70	3.02	3.22	3.27	1.69			
CHICKASAW	3.78	2.72	2.35	2.31	2.98	3.36	2.87			
GRUNDY	29.06	24.13	20.92	25.21	19.59	15.60	23.38			
TAMA	12.41	10.04	6.85	13.93	14.11	7.90	6.44			
AREA TOTAL:	79.05	64.72	47.21	57.75	50.42	43.39	48.69			

FED LAMBS MKT'D PERCENTAGES FOR AREA XII--WATERLOO

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
BLACK HAWK	28.23	25.16	31.20	28.28	22.87	18.28	25.58	33.59	27.77	30.02
BREMER	2.60	2.57	2.48	5.36	2.68	2.97	1.84	2.45	2.26	2.33
BUCHANAN	13.44	12.29	12.28	21.28	23.16	30.61	21.73	18.61	20.00	10.58
BUTLER	4.61	6.58	16.81	9.35	9.57	2.89	5.04	5.11	8.17	5.18
CHICKASAW	1.97	3.85	0.60	2.01	0.85	2.03	2.57	1.59	2.10	2.70
GRUNDY	37.15	34.39	24.15	17.51	23.94	23.73	27.82	23.27	25.61	39.02
TAMA	12.01	15.16	12.47	16.22	16.92	19.48	15.43	15.38	14.10	10.17
AREA PERCENT OF STATE:	3.91	4.76	4.93	6.14	5.99	4.60	5.59	5.02	5.89	6.65

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
BLACK HAWK	20.05	23.61	17.38	12.39	9.73	11.64	7.40			
BREMER	5.33	4.87	5.82	3.08	4.12	2.85	3.77			
BUCHANAN	9.44	8.73	7.26	7.51	7.03	16.07	18.22			
BUTLER	7.93	5.80	5.73	5.23	6.38	7.54	3.46			
CHICKASAW	4.79	4.20	4.98	4.00	5.91	7.74	5.89			
GRUNDY	36.76	37.28	44.32	43.65	38.86	35.96	48.02			
TAMA	15.70	15.51	14.52	24.13	27.98	18.20	13.24			
AREA PERCENT OF STATE:	5.42	5.24	4.07	6.22	5.55	5.12	6.62			

AREA XII--WATERLCO

FED LAMBS MKT'D (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
BLACK HAWK	104.08	127.83	166.57	196.87	146.74	100.00	170.88	211.96	186.03	217.12
BREMER	59.02	80.51	81.63	229.89	106.19	100.00	75.72	95.42	93.25	103.84
BUCHANAN	29.60	37.29	39.17	88.49	88.74	100.00	86.70	70.13	80.05	45.69
BUTLER	107.69	211.85	568.60	412.24	388.83	100.00	213.27	204.24	346.55	237.46
CHICKASAW	65.29	175.91	28.74	125.61	49.06	100.00	154.49	90.33	126.61	175.38
GRUNDY	105.54	134.66	99.33	93.93	118.35	100.00	143.17	113.14	132.20	217.42
TAMA	41.56	72.29	62.47	105.95	101.88	100.00	96.71	91.08	88.63	69.05
AREA INDEX	67.42	92.91	97.61	127.29	117.30	100.00	122.15	115.38	122.50	132.24
IOWA INDEX	79.19	89.76	90.97	95.28	90.00	100.00	100.43	105.71	95.53	91.46
YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY INDEXES										
BLACK HAWK	119.97	115.63	62.10	54.16	37.12	38.23	27.28			
BREMER	196.64	147.13	128.10	83.07	96.99	57.72	85.69			
BUCHANAN	33.72	25.53	15.50	19.61	16.01	31.52	40.10			
BUTLER	300.67	180.05	129.63	144.86	154.22	156.77	80.85			
CHICKASAW	257.34	184.68	159.88	157.12	202.73	228.46	195.17			
GRUNDY	169.45	140.69	122.00	146.99	114.25	90.97	136.32			
TAMA	88.11	71.30	48.67	98.95	100.18	56.09	45.77			
AREA INDEX	109.39	89.56	65.33	79.91	69.78	60.04	67.38			
IOWA INDEX	92.74	78.55	73.78	59.05	57.83	53.88	46.79			

AREA XII--WATERLCC

LAMBS BORN

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
BLACK HAWK	6.25	5.65	7.16	8.42	7.66	7.26	6.45	8.36	8.04	7.20
BREMER	2.98	2.73	2.63	3.24	3.40	3.52	3.40	3.15	3.10	3.21
BUCHANAN	5.44	5.53	5.71	6.35	5.94	5.72	6.24	5.67	5.65	5.21
BUTLER	3.11	2.71	2.87	3.29	3.60	3.31	2.65	2.61	2.80	2.52
CHICKASAW	3.90	4.16	3.68	3.92	4.59	4.01	4.40	3.71	3.43	3.48
GRUNDY	6.59	6.18	6.15	7.73	7.20	6.93	7.48	7.13	7.73	6.98
TAMA	8.63	8.27	9.39	11.95	14.19	14.83	13.17	12.95	12.94	11.44
AREA TOTAL:	36.91	35.22	37.59	44.90	46.58	45.58	43.81	43.57	43.70	40.04

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
BLACK HAWK	6.93	6.41	6.06	5.40	4.85	5.66	3.19			
BREMER	3.08	3.60	3.49	2.61	2.69	2.00	2.35			
BUCHANAN	4.61	4.24	3.20	3.84	5.12	2.88	3.43			
BUTLER	2.80	3.12	3.58	4.36	4.23	4.42	3.22			
CHICKASAW	4.12	3.42	2.68	2.72	2.06	2.24	1.66			
GRUNDY	6.53	6.69	4.84	6.68	5.75	5.16	5.36			
TAMA	11.09	11.89	8.41	9.24	8.39	9.23	9.20			
AREA TOTAL:	39.17	39.36	32.26	34.85	33.10	31.59	28.39			

LAMBS BORN PERCENTAGES FOR AREA XII--WATERLOO

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
BLACK HAWK	16.94	16.03	19.05	18.74	16.44	15.93	14.73	19.18	18.40	17.97
BREMER	8.09	7.74	6.99	7.21	7.29	7.71	7.77	7.22	7.09	8.02
BUCHANAN	14.74	15.69	15.19	14.15	12.76	12.55	14.25	13.02	12.94	13.01
BUTLER	8.42	7.68	7.64	7.32	7.73	7.26	6.06	6.00	6.42	6.30
CHICKASAW	10.56	11.81	9.80	8.73	9.86	8.79	10.03	8.51	7.85	8.69
GRUNDY	17.86	17.54	16.36	17.22	15.47	15.21	17.08	16.35	17.69	17.43
TAMA	23.39	23.50	24.97	26.63	30.46	32.54	30.07	29.72	29.62	28.56
AREA PERCENT OF STATE:	4.61	4.27	4.55	4.98	4.73	4.70	4.65	4.67	4.99	5.12

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
BLACK HAWK	17.68	16.28	18.77	15.48	14.65	17.93	11.22			
BREMER	7.87	9.15	10.83	7.49	8.14	6.32	8.27			
BUCHANAN	11.78	10.78	9.93	11.03	15.48	9.11	12.07			
BUTLER	7.14	7.92	11.10	12.51	12.77	14.01	11.33			
CHICKASAW	10.53	8.69	8.31	7.81	6.23	7.09	5.85			
GRUNDY	16.68	16.99	15.00	19.16	17.37	16.33	18.87			
TAMA	28.32	30.20	26.06	26.52	25.36	29.21	32.40			
AREA PERCENT OF STATE:	5.22	5.25	4.65	5.19	5.53	5.39	5.11			

AREA XII--WATERLCC

LAMBS BORN (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
BLACK HAWK	86.13	77.75	98.61	115.89	105.47	100.00	88.85	115.09	110.71	99.11
BREMER	84.90	77.58	74.79	92.06	96.65	100.00	96.85	89.50	88.19	91.37
BUCHANAN	95.09	96.62	99.83	111.07	103.92	100.00	109.16	99.19	98.82	91.05
BUTLER	93.94	81.76	86.77	99.36	108.74	100.00	80.22	78.94	84.72	76.28
CHICKASAW	97.26	103.82	91.97	97.80	114.64	100.00	109.71	92.55	85.64	86.88
GRUNDY	95.09	89.08	88.71	111.50	103.92	100.00	107.95	102.77	111.47	100.68
TAMA	58.20	55.79	63.28	80.59	95.65	100.00	88.82	87.29	87.25	77.10
AREA INDEX	80.98	77.26	82.48	98.50	102.21	100.00	96.12	95.59	95.87	87.84
IOWA INDEX	82.66	85.14	85.24	93.08	101.65	100.00	97.31	96.28	90.30	80.69
YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY INDEXES										
BLACK HAWK	95.39	88.24	83.41	74.30	66.79	78.00	43.87			
BREMER	87.75	102.49	99.37	74.21	76.61	56.81	66.79			
BUCHANAN	80.65	74.15	56.02	67.18	89.56	50.33	59.89			
BUTLER	84.57	94.17	108.17	131.75	127.76	133.69	97.22			
CHICKASAW	102.92	85.39	66.91	67.93	51.50	55.86	41.42			
GRUNDY	94.22	96.44	69.79	96.30	82.93	74.38	77.26			
TAMA	74.79	80.13	56.69	62.31	56.58	62.20	62.01			
AREA INDEX	85.95	86.36	70.78	76.45	72.62	69.30	62.29			
IOWA INDEX	77.40	77.39	71.51	69.30	61.77	60.45	57.28			

AREA XII--WATERLCC

MILK COW NUMBERS

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
BLACK HAWK	18.81	18.85	18.09	18.13	17.46	16.07	15.47	15.59	16.21	15.47
BREMER	27.55	27.24	26.97	27.39	26.68	25.74	24.70	24.59	25.71	25.38
BUCHANAN	18.64	18.85	19.30	19.38	19.05	18.18	17.82	18.00	18.18	17.22
BUTLER	20.53	20.56	20.40	20.37	19.85	18.62	17.95	17.92	18.73	18.38
CHICKASAW	19.34	19.98	19.26	19.24	18.22	17.72	16.53	16.59	17.16	17.11
GRUNDY	11.63	11.80	12.03	11.82	10.73	10.44	9.80	9.68	9.41	9.53
TAMA	10.95	10.31	10.54	10.43	9.65	8.48	7.87	7.85	8.14	7.88
AREA TOTAL:	127.44	127.60	126.59	126.76	121.64	115.25	110.15	110.22	113.54	110.96

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
BLACK HAWK	15.25	14.77	13.34	10.86	10.37	9.76	8.64			
BREMER	26.39	24.95	23.67	22.41	21.56	20.23	19.39			
BUCHANAN	16.71	16.05	14.61	12.99	12.11	11.69	10.71			
BUTLER	17.75	16.46	14.94	13.66	12.84	12.12	10.91			
CHICKASAW	17.22	16.58	14.28	14.30	13.69	13.37	12.54			
GRUNDY	9.42	8.85	8.05	7.24	6.67	6.00	5.33			
TAMA	7.56	7.35	6.32	6.04	5.46	4.97	4.77			
AREA TOTAL:	110.30	105.01	95.21	87.50	82.70	78.16	72.29			

MILK CCW NUMBERS PERCENTAGES FOR AREA XII--WATERLOO

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
BLACK HAWK	14.76	14.78	14.29	14.30	14.35	13.95	14.05	14.14	14.28	13.94
BREMER	21.62	21.35	21.30	21.60	21.93	22.33	22.43	22.31	22.65	22.87
BUCHANAN	14.62	14.77	15.25	15.29	15.66	15.77	16.18	16.33	16.01	15.52
BUTLER	16.11	16.11	16.12	16.07	16.32	16.16	16.30	16.26	16.49	16.56
CHICKASAW	15.18	15.66	15.21	15.18	14.98	15.38	15.00	15.05	15.12	15.42
GRUNDY	9.12	9.25	9.50	9.33	8.82	9.06	8.90	8.78	8.29	8.59
TAMA	8.60	8.08	8.33	8.23	7.93	7.36	7.14	7.12	7.17	7.10
AREA PERCENT OF STATE:	11.13	11.37	11.51	11.64	11.64	11.73	11.68	11.80	12.27	12.50

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
BLACK HAWK	13.82	14.07	14.01	12.41	12.53	12.49	11.95			
BREMER	23.93	23.76	24.86	25.61	26.07	25.89	26.83			
BUCHANAN	15.15	15.28	15.35	14.84	14.65	14.96	14.82			
BUTLER	16.09	15.67	15.69	15.62	15.53	15.51	15.09			
CHICKASAW	15.62	15.79	15.00	16.34	16.56	17.11	17.34			
GRUNDY	8.54	8.43	8.45	8.27	8.06	7.68	7.37			
TAMA	6.85	7.00	6.64	6.90	6.60	6.36	6.60			
AREA PERCENT OF STATE:	12.81	12.70	12.80	12.65	12.84	12.92	12.73			

AREA XII--WATERLOO

MILK COW NUMBERS (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
BLACK HAWK	117.01	117.31	112.54	112.81	108.60	100.00	96.26	96.97	100.84	96.23
BREMER	107.03	105.85	104.77	106.40	103.67	100.00	95.98	95.53	99.90	98.59
BUCHANAN	102.54	103.69	106.20	106.62	104.84	100.00	98.06	99.03	100.03	94.75
BUTLER	110.22	110.42	109.57	109.41	106.62	100.00	96.41	96.23	100.57	98.69
CHICKASAW	109.14	112.73	108.68	108.56	102.80	100.00	93.26	93.61	96.86	96.57
GRUNDY	111.36	113.01	115.19	113.26	102.81	100.00	93.91	92.74	90.11	91.27
TAMA	129.20	121.64	124.39	123.04	113.79	100.00	92.80	92.62	96.00	92.97
AREA INDEX	110.58	110.71	109.84	109.99	105.55	100.00	95.57	95.64	98.52	96.28
IOWA INDEX	116.60	114.25	112.01	110.88	106.40	100.00	96.01	95.11	94.20	90.42

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY INDEXES										
BLACK HAWK	94.86	91.91	83.02	67.56	64.49	60.72	53.74			
BREMER	102.54	96.95	91.97	87.08	83.75	78.61	75.35			
BUCHANAN	91.95	88.30	80.39	71.45	66.64	64.32	58.93			
BUTLER	95.32	88.38	80.22	73.38	68.96	65.10	58.57			
CHICKASAW	97.20	93.57	80.58	80.70	77.28	75.46	70.74			
GRUNDY	90.19	84.75	77.06	69.34	63.86	57.51	51.04			
TAMA	89.17	86.67	74.60	71.25	64.39	58.63	56.31			
AREA INDEX	95.71	91.12	82.62	75.93	71.76	67.82	62.72			
IOWA INDEX	87.67	84.21	75.77	70.46	65.56	61.60	57.82			

AREA XII--WATERLCO

HENS AND PULLETS

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
BLACK HAWK	296.18	309.66	318.47	331.15	318.13	318.13	314.81	311.59	298.57	268.14
BREMER	500.99	508.00	492.82	514.42	487.92	506.70	475.63	467.44	454.31	396.27
BUCHANAN	353.89	349.20	335.88	351.84	348.49	355.49	312.73	296.95	292.94	237.92
BUTLER	541.50	520.29	513.57	540.36	534.19	554.21	522.36	511.32	502.40	441.60
CHICKASAW	397.15	395.94	389.69	421.76	412.05	432.97	388.06	377.99	390.71	363.80
GRUNDY	341.00	356.23	356.52	361.46	343.85	364.20	335.75	337.17	327.47	291.79
TAMA	438.00	433.89	420.52	450.47	441.17	457.08	425.54	432.70	445.38	391.75
AREA TOTAL:	2868.71	2873.20	2827.46	2971.47	2885.80	2988.77	2774.89	2735.16	2711.80	2391.27

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
BLACK HAWK	254.59	260.79	247.60	255.18	224.90	186.12	211.62			
BREMER	402.53	339.14	350.28	342.50	283.78	265.40	255.64			
BUCHANAN	250.47	240.11	191.77	227.16	176.03	152.30	102.59			
BUTLER	415.23	384.07	327.70	263.65	279.04	203.00	175.89			
CHICKASAW	393.13	412.37	361.38	398.69	349.44	314.97	323.28			
GRUNDY	261.90	288.39	263.18	225.72	180.22	155.85	130.65			
TAMA	368.23	362.73	328.57	356.21	281.55	303.47	260.30			
AREA TOTAL:	2346.08	2287.61	2070.48	2069.11	1774.96	1581.10	1459.98			

HENS AND PULLETS PERCENTAGES FOR AREA XII--WATERLOO

AREA & COUNTY INFORMATION

CCUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
BLACK HAWK	10.32	10.78	11.26	11.14	11.02	10.64	11.35	11.39	11.01	11.21
BREMER	17.46	17.68	17.43	17.31	16.91	16.95	17.14	17.09	16.75	16.57
BUCHANAN	12.34	12.15	11.88	11.84	12.08	11.89	11.27	10.86	10.80	9.95
BUTLER	18.88	18.11	18.16	18.18	18.51	18.54	18.82	18.69	18.53	18.47
CHICKASAW	13.84	13.78	13.78	14.19	14.28	14.49	13.98	13.82	14.41	15.21
GRUNDY	11.89	12.40	12.61	12.16	11.92	12.19	12.10	12.33	12.08	12.20
TAMA	15.27	15.10	14.87	15.16	15.29	15.29	15.34	15.92	16.42	16.38
AREA PERCENT OF STATE:	10.09	10.09	10.34	10.61	10.64	10.77	10.88	11.06	11.42	11.48

CCUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
BLACK HAWK	10.85	11.40	11.96	12.33	12.67	11.77	14.50			
BREMER	17.16	14.83	16.92	16.55	15.99	16.79	17.51			
BUCHANAN	10.68	10.50	9.26	10.98	9.92	9.63	7.03			
BUTLER	17.70	16.79	15.83	12.74	15.72	12.84	12.05			
CHICKASAW	16.76	18.03	17.45	19.27	19.69	19.92	22.14			
GRUNDY	11.16	12.61	12.71	10.91	10.15	9.86	8.95			
TAMA	15.70	15.86	15.87	17.22	15.86	19.19	17.83			
AREA PERCENT OF STATE:	11.75	11.56	12.09	12.46	12.14	12.30	11.03			

AREA XII--WATERLCO

HENS AND PULLETS (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
BLACK HAWK	93.10	97.34	100.11	104.09	100.00	100.00	98.96	97.95	93.85	84.29
BREMER	98.87	100.26	97.26	101.52	96.29	100.00	93.87	92.25	89.66	78.21
BUCHANAN	99.55	98.23	94.48	98.98	98.03	100.00	87.97	83.53	82.41	66.93
BUTLER	97.71	93.88	92.67	97.50	96.39	100.00	94.25	92.26	90.65	79.68
CHICKASAW	91.73	91.45	90.00	97.41	95.17	100.00	89.63	87.30	90.24	84.03
GRUNDY	93.63	97.81	97.89	99.25	94.41	100.00	92.19	92.58	89.92	80.12
TAMA	95.83	94.93	92.00	98.55	96.52	100.00	93.10	94.67	97.44	85.71
AREA INDEX	95.98	96.13	94.60	99.42	96.55	100.00	92.84	91.51	90.73	80.01
IOWA INDEX	102.52	102.61	98.59	101.01	97.81	100.00	91.97	89.13	85.59	75.07
YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY INDEXES										
BLACK HAWK	80.03	81.98	77.83	80.21	70.69	58.51	66.52			
BREMER	79.44	66.93	69.13	67.60	56.01	52.38	50.45			
BUCHANAN	70.46	67.54	53.95	63.90	49.52	42.84	28.86			
BUTLER	74.92	69.30	59.13	47.57	50.35	36.63	31.74			
CHICKASAW	90.80	95.24	83.47	92.08	80.71	72.75	74.67			
GRUNDY	71.91	79.19	72.26	61.98	49.48	42.79	35.87			
TAMA	80.56	79.36	71.88	77.93	61.60	66.39	56.95			
AREA INDEX	78.50	76.54	69.28	69.23	59.39	52.90	48.85			
IOWA INDEX	71.95	71.32	61.74	59.85	52.71	46.34	47.72			

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