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IOWA CROP & LIVESTOCK DATA 1954 - 1970

VOL. 9— IOWA AND OTTUMWA EXTENSION AREA
IOWA STATE UNIVERSITY of Science and Technology
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IOWA CROP AND LIVESTOCK DATA, 1954-1970

VOL. IX: IOWA AND OTTUMWA 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.

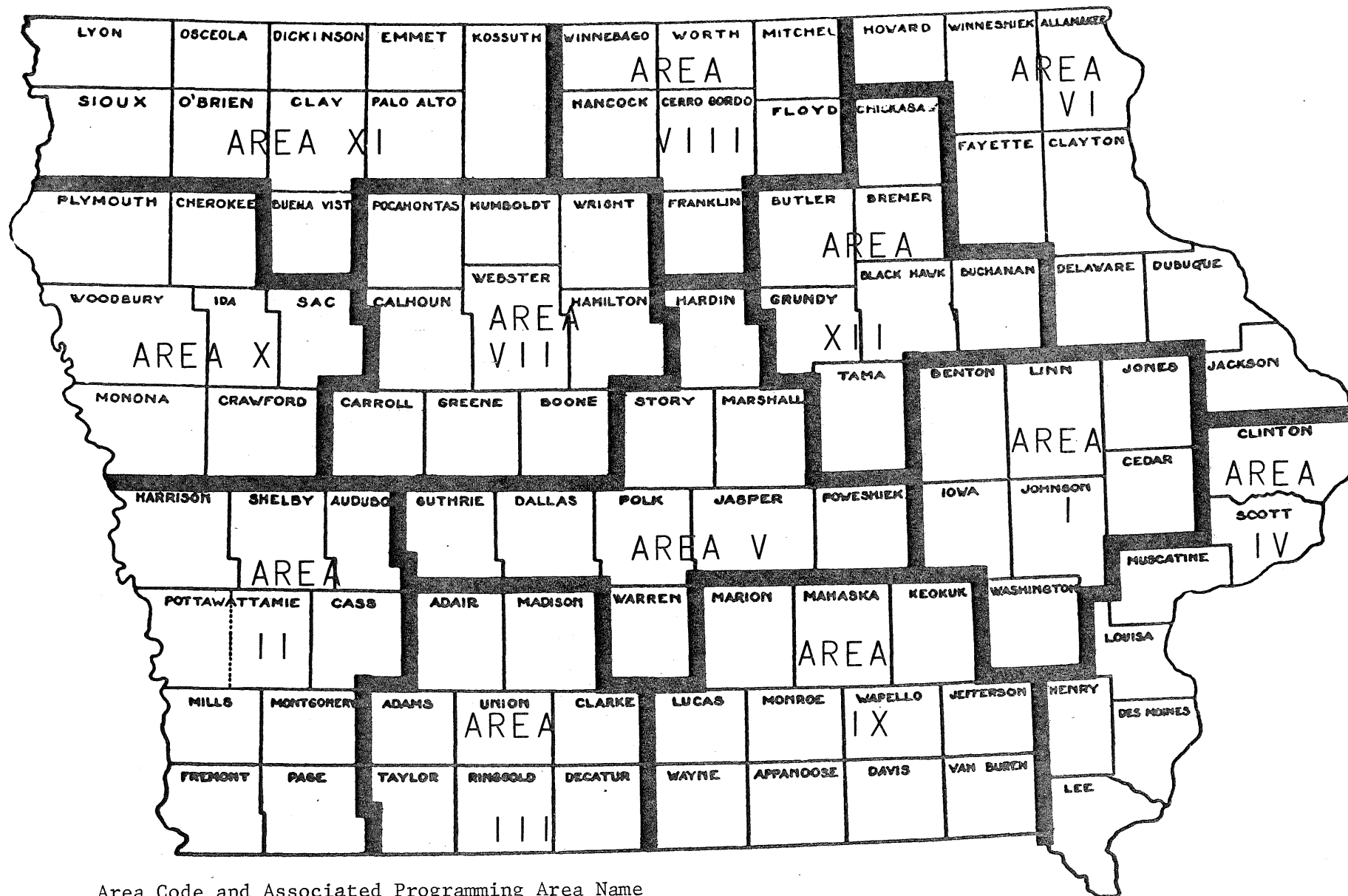
The method used to adjust the data was as follows: (1) the ratios of the state totals from the Annual Farm Census and from Statistical Reporting Service sources were computed for each year; (2) county data from the Annual Farm Census reports were adjusted by dividing by these same ratios. For example, 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 V = Des Moines | Area IX = Ottumwa |
| Area II = Council Bluffs | Area VI = Dubuque | Area X = Sioux City |
| Area III = Creston | Area VII = Fort Dodge | Area XI = Spencer |
| Area IV = Davenport | Area VIII = Mason City | 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	888.0
HENS AND PULLETS (THOUSANDS)	28436.6	28461.8	27346.7	23018.6	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	691.98	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 IX--OTTUMWA

FARM NUMBERS

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY (THOUSANDS)										
APPANCOSE	1.62	1.66	1.66	1.65	1.64	1.62	1.59	1.57	1.51	1.50
DAVIS	1.70	1.62	1.61	1.60	1.58	1.57	1.53	1.50	1.51	1.49
JEFFERSON	1.66	1.60	1.58	1.59	1.57	1.56	1.51	1.47	1.46	1.42
KECKUK	2.19	2.17	2.11	2.10	2.07	2.05	2.01	1.94	1.88	1.84
LUCAS	1.38	1.34	1.32	1.31	1.31	1.30	1.28	1.26	1.18	1.17
MAHASKA	2.46	2.39	2.37	2.34	2.31	2.28	2.23	2.18	2.15	2.12
MARION	2.14	2.10	2.08	2.06	2.03	1.99	1.93	1.88	1.86	1.74
MONROE	1.38	1.33	1.31	1.30	1.29	1.28	1.25	1.21	1.20	1.18
VAN BUREN	1.57	1.54	1.53	1.52	1.50	1.49	1.44	1.42	1.40	1.36
WAPELLO	1.88	1.87	1.86	1.85	1.83	1.82	1.79	1.76	1.76	1.73
WAYNE	1.69	1.59	1.51	1.49	1.48	1.46	1.41	1.39	1.34	1.28
AREA TOTAL:	19.68	19.22	18.93	18.80	18.62	18.41	17.97	17.58	17.25	16.84

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY (THOUSANDS)										
APPANCOSE	1.43	1.27	1.22	1.18	1.16	1.11	1.10			
DAVIS	1.45	1.27	1.22	1.21	1.18	1.17	1.12			
JEFFERSON	1.36	1.24	1.20	1.17	1.14	1.12	1.11			
KECKUK	1.78	1.62	1.58	1.53	1.46	1.41	1.39			
LUCAS	1.14	1.09	1.06	1.04	1.00	0.95	0.94			
MAHASKA	2.12	1.86	1.79	1.72	1.66	1.59	1.58			
MARION	1.68	1.57	1.53	1.50	1.45	1.38	1.40			
MONROE	1.16	1.08	1.02	1.01	0.99	0.98	0.93			
VAN BUREN	1.31	1.25	1.21	1.18	1.14	1.09	1.08			
WAPELLO	1.74	1.47	1.34	1.30	1.27	1.22	1.21			
WAYNE	1.26	1.22	1.18	1.16	1.10	1.05	1.04			
AREA TOTAL:	16.43	14.94	14.34	13.99	13.54	13.05	12.91			

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FARM NUMBERS PERCENTAGES FOR AREA IX--OTTUMWA

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APPANOOSE	8.22	8.64	8.75	8.76	8.80	8.80	8.84	8.91	8.76	8.91
DAVIS	8.66	8.43	8.49	8.49	8.49	8.50	8.49	8.55	8.73	8.87
JEFFERSON	8.43	8.34	8.37	8.46	8.46	8.47	8.43	8.36	8.46	8.41
KECKUK	11.12	11.27	11.13	11.15	11.15	11.16	11.16	11.03	10.90	10.93
LUCAS	7.03	6.97	6.97	6.98	7.03	7.07	7.12	7.15	6.85	6.94
MAHASKA	12.52	12.43	12.52	12.45	12.42	12.37	12.41	12.40	12.46	12.61
MARION	10.87	10.92	11.01	10.95	10.88	10.79	10.74	10.72	10.79	10.36
MCNROE	7.03	6.94	6.90	6.93	6.93	6.96	6.93	6.89	6.94	7.01
VAN BUREN	7.96	8.04	8.09	8.08	8.07	8.08	8.03	8.06	8.13	8.07
WAPELLO	9.54	9.73	9.81	9.82	9.83	9.87	9.99	9.99	10.22	10.30
WAYNE	8.61	8.30	7.98	7.94	7.94	7.92	7.85	7.93	7.75	7.60
AREA PERCENT OF STATE:	10.11	10.01	9.95	9.96	9.96	9.96	9.95	9.93	9.94	9.90

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APPANOOSE	8.72	8.49	8.51	8.45	8.60	8.50	8.49			
DAVIS	8.82	8.49	8.51	8.65	8.71	8.94	8.70			
JEFFERSON	8.27	8.29	8.34	8.35	8.42	8.56	8.57			
KEOKUK	10.83	10.85	11.02	10.92	10.77	10.77	10.80			
LUCAS	6.97	7.32	7.36	7.42	7.35	7.25	7.28			
MAHASKA	12.90	12.46	12.45	12.28	12.24	12.15	12.23			
MARION	10.20	10.50	10.65	10.72	10.68	10.57	10.84			
MONROE	7.08	7.24	7.12	7.20	7.33	7.53	7.24			
VAN BUREN	7.95	8.35	8.43	8.46	8.41	8.33	8.40			
WAPELLO	10.59	9.83	9.36	9.28	9.36	9.32	9.35			
WAYNE	7.67	8.17	8.25	8.27	8.14	8.07	8.09			
AREA PERCENT OF STATE:	9.91	9.72	9.61	9.62	9.62	9.56	9.55			

AREA IX--OTTUMWA

FARM NUMBERS (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
APPANOOSE	99.81	102.47	102.16	101.60	101.11	100.00	98.03	96.61	93.21	92.00
DAVIS	108.88	103.45	102.62	101.92	100.96	100.00	97.45	95.98	96.23	95.40
JEFFERSON	106.35	102.69	101.60	101.99	100.96	100.00	97.12	94.23	93.59	90.83
KECKUK	106.52	105.40	102.53	102.00	100.97	100.00	97.62	94.40	91.53	89.59
LUCAS	106.22	102.84	101.31	100.77	100.46	100.00	98.23	96.62	90.78	89.71
MAHASKA	108.21	104.92	104.08	102.81	101.54	100.00	97.89	95.78	94.38	93.24
MARION	107.70	105.59	104.88	103.62	101.96	100.00	97.08	94.87	93.71	87.77
MCONROE	108.04	104.14	102.03	101.72	100.70	100.00	97.27	94.61	93.44	92.12
VAN BUREN	105.24	103.83	102.89	102.15	100.94	100.00	96.91	95.30	94.29	91.33
WAPELLO	103.30	102.86	102.20	101.54	100.66	100.00	98.73	96.64	97.03	95.38
WAYNE	116.26	109.40	103.64	102.47	101.44	100.00	96.78	95.68	91.77	87.79
AREA INDEX	106.89	104.38	102.83	102.13	101.11	100.00	97.58	95.50	93.71	91.46
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										
APPANOOSE	88.40	78.28	75.26	72.98	71.87	68.48	67.61			
DAVIS	92.53	81.03	77.91	77.27	75.29	74.52	71.71			
JEFFERSON	87.12	79.42	76.67	74.94	73.08	71.67	70.96			
KECKUK	86.62	78.88	76.89	74.36	70.95	68.42	67.88			
LUCAS	87.94	84.02	81.11	79.72	76.50	72.73	72.20			
MAHASKA	93.10	81.73	78.44	75.45	72.77	69.65	69.35			
MARION	84.35	78.96	76.90	75.49	72.82	69.45	70.46			
MONROE	90.79	84.47	79.70	78.69	77.52	76.74	72.99			
VAN BUREN	87.84	83.87	81.25	79.57	76.55	73.05	72.92			
WAPELLO	95.71	80.75	73.87	71.40	69.69	66.89	66.39			
WAYNE	86.42	83.74	81.21	79.36	75.58	72.29	71.60			
AREA INDEX	89.24	81.14	77.90	76.00	73.55	70.90	70.12			
IOWA INDEX	89.74	83.12	80.75	78.71	76.19	73.89	73.17			

AREA IX--OTTUMWA

CORN PRODUCTION

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY (1000 BU)										
APPANCOSE	1179.9	1563.0	1716.7	1522.2	1871.2	2214.4	1986.7	2166.4	2022.7	2798.4
DAVIS	1862.3	1781.4	1615.6	1901.6	1974.9	2438.5	1741.0	2542.8	2326.8	2705.5
JEFFERSON	3025.0	3008.2	2817.3	3454.2	3420.4	4132.6	3037.2	3964.3	3611.3	5144.7
KECKUK	4709.8	5318.2	4330.4	6133.0	6185.4	6728.4	6087.7	6394.7	6587.5	8302.6
LUCAS	1450.5	1803.5	2004.8	1937.7	1810.9	1896.1	2084.5	1913.5	1832.1	2566.2
MAHASKA	4816.1	5645.3	4236.5	6889.2	7287.6	7556.1	6652.3	8018.5	8263.1	9213.9
MARION	3265.3	3611.0	2558.7	4558.6	4614.7	4985.4	5023.1	5606.0	5379.6	6855.7
MCNRCE	1076.4	1742.1	1820.8	1898.3	1622.3	1666.0	1570.6	1847.1	1559.1	2190.6
VAN BUREN	2099.2	1783.5	1753.8	1920.7	2252.0	2820.0	2014.1	2826.4	2724.8	3500.3
WAPELLO	2280.9	2898.8	2661.1	3039.9	3100.3	3614.1	2514.0	3375.8	3097.5	4093.7
WAYNE	1427.0	2134.6	2681.0	2612.4	2572.8	2742.5	3087.2	2741.2	2604.3	3690.6
AREA TOTAL:	27192.	31289.	28197.	35918.	36713.	40794.	35798.	41397.	40009.	51062.

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY (1000 BU)										
APPANCOSE	2466.5	2745.7	3184.5	2311.5	2605.5	2365.1	2066.2			
DAVIS	2578.3	2692.6	3288.4	2598.5	3263.4	3254.6	2660.8			
JEFFERSON	4441.3	5002.4	4418.9	6023.8	4764.0	4542.4	4479.8			
KECKUK	7313.8	8484.1	8471.3	9385.3	8121.8	7864.7	8219.6			
LUCAS	2228.3	2310.2	2747.5	2409.5	2698.6	2489.8	3099.9			
MAHASKA	8399.7	9099.8	9524.8	8999.3	8819.6	8343.2	9644.7			
MARION	6076.5	6593.0	6680.7	5670.0	5801.3	5226.0	6323.1			
MONRCE	1744.5	1907.5	2199.4	1417.0	1796.0	1421.3	2208.7			
VAN BUREN	3143.2	3871.3	3796.3	4155.0	3676.3	3448.5	3007.5			
WAPELLO	3835.7	4000.0	3914.6	4792.8	4055.1	3803.6	4177.8			
WAYNE	3106.5	3248.8	3884.5	3473.6	3797.9	3532.2	4002.5			
AREA TOTAL:	45334.	49955.	52111.	51236.	49399.	46292.	49891.			

CCRN PRODUCTION PERCENTAGES FOR AREA IX--OTTUMWA

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APPANOOSE	4.34	5.00	6.09	4.24	5.10	5.43	5.55	5.23	5.06	5.48
DAVIS	6.85	5.69	5.73	5.29	5.38	5.98	4.86	6.14	5.82	5.30
JEFFERSON	11.12	9.61	9.99	9.62	9.32	10.13	8.48	9.58	9.03	10.08
KECKUK	17.32	17.00	15.36	17.08	16.85	16.49	17.01	15.45	16.47	16.26
LUCAS	5.33	5.76	7.11	5.53	4.93	4.65	5.82	4.62	4.58	5.03
MAHASKA	17.71	18.04	15.02	19.18	19.85	18.52	18.58	19.37	20.65	18.04
MARION	12.01	11.54	9.07	12.69	12.57	12.22	14.03	13.54	13.45	13.43
MCNROE	3.96	5.57	6.46	5.29	4.42	4.08	4.39	4.46	3.90	4.29
VAN BUREN	7.72	5.70	6.22	5.35	6.13	6.91	5.63	6.83	6.81	6.86
WAPELLO	8.39	9.26	9.44	8.46	8.44	8.86	7.02	8.15	7.74	8.02
WAYNE	5.25	6.82	9.51	7.27	7.01	6.72	8.62	6.62	6.51	7.23
AREA PERCENT OF STATE:	5.03	6.32	5.64	5.88	5.73	5.28	4.68	5.53	5.35	5.95

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APPANOOSE	5.44	5.50	6.11	4.51	5.27	5.11	4.14			
DAVIS	5.69	5.39	6.31	5.07	6.61	7.03	5.33			
JEFFERSON	9.80	10.01	8.48	11.76	9.64	9.81	8.98			
KECKUK	16.13	16.98	16.26	18.32	16.44	16.99	16.48			
LUCAS	4.92	4.62	5.27	4.70	5.46	5.38	6.21			
MAHASKA	18.53	18.22	18.28	17.56	17.85	18.02	19.33			
MARION	13.40	13.20	12.82	11.07	11.74	11.29	12.67			
MCNROE	3.85	3.82	4.22	2.77	3.64	3.07	4.43			
VAN BUREN	6.93	7.75	7.29	8.11	7.44	7.45	6.03			
WAPELLO	8.46	8.01	7.51	9.35	8.21	8.22	8.37			
WAYNE	6.85	6.50	7.45	6.78	7.69	7.63	8.02			
AREA PERCENT OF STATE:	5.90	6.15	5.78	5.22	5.50	4.96	5.82			

AREA IX--OTTUMWA

CORN PRODUCTION (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
APPANOOSE	53.28	70.58	77.52	68.74	84.50	100.00	89.72	97.83	91.34	126.37
DAVIS	76.37	73.05	66.26	77.98	80.99	100.00	71.40	104.28	95.42	110.95
JEFFERSON	73.20	72.79	68.17	83.58	82.77	100.00	73.49	95.93	87.38	124.49
KEOKUK	70.00	79.04	64.36	91.15	91.93	100.00	90.48	95.04	97.91	123.40
LUCAS	76.50	95.12	105.73	104.83	95.51	100.00	109.94	100.92	96.63	135.34
MAHASKA	63.74	74.71	56.07	91.17	96.45	100.00	88.04	106.12	109.36	121.94
MARION	65.50	72.43	51.32	91.44	92.56	100.00	100.76	112.45	107.91	137.51
MONROE	64.61	104.57	109.29	113.94	97.38	100.00	94.27	110.87	93.59	131.49
VAN BUREN	74.44	63.24	62.19	68.11	79.86	100.00	71.42	100.23	96.63	124.13
WAPELLO	63.11	80.21	73.63	84.11	85.78	100.00	69.56	93.41	85.71	113.27
WAYNE	52.03	77.83	97.76	95.26	93.81	100.00	112.57	99.95	94.96	134.57
AREA INDEX	66.66	76.70	69.12	88.05	89.99	100.00	87.75	101.48	98.07	125.17
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										
APPANOOSE	111.38	123.99	143.81	104.38	117.66	106.80	93.31			
DAVIS	105.74	110.42	134.86	106.56	133.83	133.47	109.12			
JEFFERSON	107.47	121.05	106.93	145.76	115.28	109.92	108.40			
KEOKUK	108.70	126.09	125.90	139.49	120.71	116.89	122.16			
LUCAS	117.52	121.84	144.90	127.08	142.33	131.32	163.49			
MAHASKA	111.16	120.43	126.05	119.10	116.72	110.42	127.64			
MARION	121.89	132.24	134.00	113.73	116.36	104.83	126.83			
MONROE	104.71	114.50	132.02	85.05	107.80	85.31	132.58			
VAN BUREN	111.46	137.28	134.62	147.34	130.37	122.29	106.65			
WAPELLO	106.13	110.68	108.31	132.61	112.20	105.24	115.60			
WAYNE	113.27	118.46	141.64	126.66	138.48	128.79	145.94			
AREA INDEX	111.13	122.46	127.74	125.60	121.09	113.48	122.30			
IOWA INDEX	99.62	105.30	116.88	127.14	116.33	120.86	111.15			

AREA IX—CTTUMWA

SOYBEAN PRODUCTION

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY (1000 BU)										
APPANCOSE	360.92	361.67	448.32	625.02	664.57	515.40	488.12	657.84	692.11	740.83
DAVIS	465.17	406.01	430.31	620.31	620.70	492.47	371.19	547.50	548.27	600.68
JEFFERSON	484.06	458.16	568.32	821.74	768.43	644.12	583.23	785.97	837.10	931.45
KEOKUK	555.93	513.21	582.23	986.83	942.33	704.75	639.48	991.33	1003.43	1086.98
LUCAS	211.58	225.06	284.46	422.31	462.49	300.99	317.86	389.90	423.26	484.92
MAHASKA	550.78	474.70	545.48	924.38	868.06	657.66	743.92	944.87	1078.02	1180.29
MARION	365.04	304.65	346.25	634.80	664.08	441.69	557.00	730.83	703.40	847.54
MONROE	155.16	201.44	253.70	345.09	365.53	277.12	253.70	338.33	387.10	442.06
VAN BUREN	515.84	418.82	520.65	774.29	770.26	688.50	540.22	719.71	752.67	922.14
WAPELLO	526.56	517.51	642.16	888.48	847.24	700.01	533.72	746.92	830.92	939.15
WAYNE	326.41	303.78	406.29	596.33	602.81	483.44	507.80	693.11	664.13	752.88
AREA TOTAL:	4517.	4185.	5028.	7640.	7576.	5906.	5536.	7546.	7920.	8829.

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY (1000 BU)										
APPANCOSE	729.67	807.21	897.17	607.20	876.29	886.68	894.39			
DAVIS	569.60	577.06	665.61	480.85	669.07	787.52	732.50			
JEFFERSON	956.87	1023.85	1038.63	1062.60	1403.10	1350.95	1412.92			
KECKUK	1084.75	1087.43	1130.78	1004.27	1596.56	1396.75	1532.70			
LUCAS	545.90	568.92	640.28	490.32	853.35	602.65	759.64			
MAHASKA	1209.93	1330.04	1381.68	1345.59	2021.06	1887.46	2227.48			
MARION	876.11	980.03	1041.69	1051.87	1446.63	1061.36	1382.01			
MONROE	437.83	477.09	471.83	338.83	591.45	386.53	568.39			
VAN BUREN	772.35	904.11	873.63	750.31	956.82	947.23	990.52			
WAPELLO	891.24	964.30	947.94	946.97	1147.25	1189.59	1272.51			
WAYNE	784.11	840.01	900.96	700.20	970.37	891.65	1023.04			
AREA TOTAL:	8858.	9560.	9990.	8779.	12532.	11388.	12796.			

SOYBEAN PRODUCTION PERCENTAGES FOR AREA IX--OTTUMWA

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APPANOOSE	7.99	8.64	8.92	8.18	8.77	8.73	8.82	8.72	8.74	8.39
DAVIS	10.30	9.70	8.56	8.12	8.19	8.34	6.70	7.26	6.92	6.80
JEFFERSON	10.72	10.95	11.30	10.76	10.14	10.91	10.53	10.42	10.57	10.55
KECKUK	12.31	12.26	11.58	12.92	12.44	11.93	11.55	13.14	12.67	12.31
LUCAS	4.68	5.38	5.66	5.53	6.10	5.10	5.74	5.17	5.34	5.49
MAHASKA	12.19	11.34	10.85	12.10	11.46	11.14	13.44	12.52	13.61	13.37
MARION	8.08	7.28	6.89	8.31	8.77	7.48	10.06	9.68	8.88	9.60
MONROE	3.43	4.81	5.05	4.52	4.82	4.69	4.58	4.48	4.89	5.01
VAN BUREN	11.42	10.01	10.35	10.14	10.17	11.66	9.76	9.54	9.50	9.31
WAPELLO	11.66	12.37	12.77	11.63	11.18	11.85	9.64	9.90	10.49	10.64
WAYNE	7.23	7.26	8.08	7.81	7.96	8.19	9.17	9.18	8.39	8.53
AREA PERCENT OF STATE:	8.30	9.51	10.19	10.18	9.77	9.73	8.39	7.88	8.60	8.19

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APPANOOSE	8.24	8.44	8.98	6.92	6.99	7.79	6.99			
DAVIS	6.43	6.04	6.66	5.48	5.34	6.92	5.72			
JEFFERSON	10.80	10.71	10.40	12.10	11.20	11.86	11.04			
KECKUK	12.25	11.37	11.32	11.44	12.74	12.26	11.98			
LUCAS	6.16	5.95	6.41	5.59	6.81	5.29	5.94			
MAHASKA	13.66	13.91	13.83	15.33	16.13	16.57	17.41			
MARION	9.89	10.25	10.43	11.98	11.54	9.32	10.80			
MONROE	4.94	4.99	4.72	3.86	4.72	3.39	4.44			
VAN BUREN	8.72	9.46	8.74	8.55	7.64	8.32	7.74			
WAPELLO	10.06	10.09	9.49	10.79	9.15	10.45	9.94			
WAYNE	8.85	8.79	9.02	7.98	7.74	7.83	7.99			
AREA PERCENT OF STATE:	7.40	7.72	6.92	6.24	7.20	6.54	7.01			

AREA IX--OTTUMWA

SCYBEAN PRODUCTION (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
APPANOOSE	70.03	70.17	86.98	121.27	128.94	100.00	94.71	127.64	134.29	143.74
DAVIS	94.46	82.44	87.38	125.96	126.04	100.00	75.37	111.17	111.33	121.97
JEFFERSON	75.15	71.13	88.23	127.58	119.30	100.00	90.55	122.02	129.96	144.61
KEOKUK	78.88	72.82	82.61	140.03	133.71	100.00	90.74	140.66	142.38	154.24
LUCAS	70.30	74.77	94.51	140.31	153.66	100.00	105.60	129.54	140.62	161.11
MAHASKA	83.75	72.18	82.94	140.56	131.99	100.00	113.12	143.67	163.92	179.47
MARION	82.64	68.97	78.39	143.72	150.35	100.00	126.10	165.46	159.25	191.88
MCMROE	55.99	72.69	91.55	124.53	131.90	100.00	91.55	122.09	139.69	159.52
VAN BUREN	74.92	60.83	75.62	112.46	111.88	100.00	78.46	104.53	109.32	119.41
WAPELLC	75.22	73.93	91.74	126.92	121.03	100.00	76.24	106.70	118.70	134.16
WAYNE	67.52	62.84	84.04	123.35	124.69	100.00	105.04	143.37	137.38	155.73
AREA INDEX	76.49	70.86	85.13	129.35	128.28	100.00	93.74	127.77	134.10	149.49
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										
APPANOOSE	141.57	156.62	174.07	117.81	170.02	172.04	173.53			
DAVIS	115.66	117.18	135.16	97.64	135.86	159.91	148.74			
JEFFERSON	148.55	158.95	161.25	164.97	217.83	209.74	219.36			
KEOKUK	153.92	154.30	160.45	142.50	226.54	198.19	217.48			
LUCAS	181.37	189.01	212.72	162.90	283.51	200.22	252.38			
MAHASKA	183.98	202.24	210.09	204.60	307.31	287.00	338.70			
MARION	198.35	221.88	235.84	238.14	327.52	240.29	312.89			
MCMROE	158.00	172.16	170.26	122.27	213.43	139.48	205.11			
VAN BUREN	112.18	131.32	126.89	108.98	138.97	137.58	143.87			
WAPELLC	127.32	137.75	135.42	135.28	163.89	169.94	181.78			
WAYNE	162.19	173.76	186.36	144.84	200.72	184.44	211.62			
AREA INDEX	149.98	161.87	169.15	148.64	212.18	192.82	216.66			
IOWA INDEX	197.17	204.06	237.83	231.76	286.74	286.98	300.77			

AREA IX--CTTUMWA

FED CATTLE MKT'D

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
APPANOOSE	1.32	1.91	2.09	2.63	1.77	2.12	1.74	2.36	1.00	2.08
DAVIS	1.85	2.06	2.28	2.17	2.25	2.52	1.63	2.08	1.52	2.23
JEFFERSON	7.71	7.99	9.02	7.03	8.70	7.94	6.92	6.43	5.94	6.73
KECKUK	10.12	9.86	11.21	11.38	12.64	12.38	11.47	11.82	12.17	12.95
LUCAS	2.36	2.40	3.32	3.58	3.29	2.59	2.51	3.26	2.28	2.39
MAHASKA	15.63	15.87	19.88	19.88	21.39	23.41	25.13	23.52	25.93	31.21
MARICN	14.32	15.82	16.01	16.00	18.02	18.07	16.99	16.14	20.67	21.08
MGNROE	2.18	1.79	2.20	2.08	1.86	2.01	1.71	1.66	0.90	1.14
VAN BUREN	1.56	1.28	1.84	1.77	1.30	1.32	1.18	1.42	1.19	1.32
WAPELLO	4.26	4.30	4.65	4.83	4.34	4.33	4.41	4.56	4.19	4.07
WAYNE	3.52	2.96	3.39	3.16	3.31	3.53	3.47	3.33	3.73	4.32
AREA TOTAL:	64.83	66.23	75.89	74.49	78.87	80.23	77.15	76.58	79.51	89.52
YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
APPANOOSE	2.02	2.20	2.71	3.32	4.43	3.85	7.07			
DAVIS	3.66	3.68	4.34	4.54	6.29	7.27	7.51			
JEFFERSON	8.09	6.95	9.40	9.86	12.83	12.62	11.69			
KECKUK	14.97	15.23	15.74	18.06	17.20	18.77	18.46			
LUCAS	3.57	3.30	3.80	6.76	6.75	13.10	11.35			
MAHASKA	35.95	41.63	41.69	50.54	49.70	50.64	48.63			
MARICN	22.60	24.53	19.24	23.38	24.39	28.94	25.18			
MONROE	1.44	1.42	1.51	4.31	3.05	4.12	3.95			
VAN BUREN	1.29	2.22	1.90	3.92	5.02	4.22	5.37			
WAPELLO	5.62	5.90	8.76	8.74	9.09	7.67	9.70			
WAYNE	4.51	5.61	5.33	7.43	9.65	11.67	14.41			
AREA TOTAL:	103.71	112.67	114.44	140.86	148.41	162.87	163.32			

FED CATTLE MKT'D PERCENTAGES FOR AREA IX--OTTUMWA

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APPANOOSE	2.04	2.89	2.75	3.53	2.25	2.64	2.25	3.08	1.25	2.32
DAVIS	2.85	3.12	3.00	2.91	2.85	3.14	2.11	2.71	1.91	2.50
JEFFERSON	11.90	12.06	11.89	9.44	11.03	9.89	8.97	8.39	7.47	7.52
KEOKUK	15.61	14.88	14.77	15.27	16.03	15.44	14.87	15.44	15.30	14.46
LUCAS	3.64	3.62	4.38	4.81	4.17	3.23	3.26	4.26	2.86	2.67
MAHASKA	24.11	23.96	26.20	26.68	27.12	29.18	32.57	30.71	32.62	34.87
MARION	22.08	23.88	21.09	21.48	22.85	22.52	22.02	21.08	26.00	23.55
MONROE	3.36	2.70	2.90	2.79	2.36	2.51	2.22	2.17	1.13	1.27
VAN BUREN	2.40	1.93	2.42	2.37	1.65	1.65	1.52	1.85	1.50	1.47
WAPELLO	6.57	6.49	6.13	6.49	5.51	5.40	5.71	5.95	5.26	4.54
WAYNE	5.43	4.48	4.46	4.24	4.20	4.40	4.49	4.35	4.69	4.83
AREA PERCENT OF STATE:	3.48	3.35	3.71	3.47	3.27	3.12	3.01	2.96	2.96	2.95

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APPANOOSE	1.94	1.95	2.37	2.35	2.98	2.36	4.33			
DAVIS	3.53	3.26	3.80	3.22	4.24	4.47	4.60			
JEFFERSON	7.80	6.16	8.22	7.00	8.65	7.75	7.16			
KECKUK	14.44	13.52	13.75	12.82	11.59	11.52	11.30			
LUCAS	3.45	2.93	3.32	4.80	4.55	8.04	6.95			
MAHASKA	34.67	36.95	36.43	35.88	33.49	31.09	29.78			
MARION	21.79	21.77	16.81	16.60	16.43	17.77	15.42			
MONROE	1.39	1.26	1.32	3.06	2.05	2.53	2.42			
VAN BUREN	1.24	1.97	1.66	2.78	3.38	2.59	3.29			
WAPELLO	5.42	5.24	7.66	6.20	6.13	4.71	5.94			
WAYNE	4.34	4.98	4.66	5.28	6.50	7.17	8.82			
AREA PERCENT OF STATE:	3.27	3.42	3.20	3.45	3.41	3.58	3.56			

AREA IX--CTTUMWA

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

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
APPANOOSE	62.48	90.19	98.58	123.99	83.60	100.00	81.95	111.30	47.03	98.10
DAVIS	73.42	81.88	90.38	85.98	89.16	100.00	64.57	82.44	60.34	88.65
JEFFERSON	97.21	100.68	113.70	88.60	109.67	100.00	87.18	81.01	74.85	84.79
KECKUK	81.72	79.59	90.49	91.86	102.06	100.00	92.65	95.45	98.25	104.55
LUCAS	91.13	92.59	128.45	138.40	127.07	100.00	97.16	126.15	87.93	92.54
MAHASKA	66.75	67.76	84.93	84.90	91.34	100.00	107.34	100.45	110.77	133.32
MARION	79.22	87.52	88.58	88.54	99.72	100.00	94.02	89.33	114.39	116.65
MCNROE	108.42	88.80	109.52	103.53	92.65	100.00	85.06	82.66	44.87	56.60
VAN BUREN	117.86	96.84	139.10	133.46	98.15	100.00	88.92	106.98	89.96	99.50
WAPELLO	98.37	99.29	107.40	111.59	100.31	100.00	101.74	105.26	96.65	93.90
WAYNE	99.65	83.90	95.82	89.29	93.66	100.00	98.12	94.30	105.43	122.27
AREA INDEX	80.81	82.55	94.59	92.85	98.31	100.00	96.16	95.45	99.10	111.58
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										
APPANOOSE	95.16	103.93	127.90	156.47	208.87	181.73	333.80			
DAVIS	145.11	145.96	172.41	180.25	249.78	288.68	298.18			
JEFFERSON	101.92	87.52	118.48	124.29	161.73	159.05	147.28			
KEOKUK	120.91	122.97	127.09	145.82	138.89	151.56	149.07			
LUCAS	138.10	127.73	146.89	261.43	261.00	506.18	438.62			
MAHASKA	153.56	177.80	178.08	215.86	212.28	216.30	207.70			
MARION	125.05	135.73	106.47	129.37	134.97	160.12	139.35			
MCNROE	71.83	70.61	75.06	214.20	151.46	204.74	196.28			
VAN BUREN	97.31	167.67	143.95	296.14	379.72	319.07	406.13			
WAPELLO	129.69	136.35	202.39	201.79	209.93	177.13	224.02			
WAYNE	127.52	158.75	150.90	210.34	273.08	330.27	407.66			
AREA INDEX	129.27	140.43	142.64	175.57	184.98	203.01	203.57			
IOWA INDEX	123.53	128.18	139.39	158.91	169.38	177.10	178.32			

AREA IX—CTTUMWA

BEEF COW NUMBERS

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
APPANOOSE	12.62	13.90	13.33	14.08	13.54	15.27	15.75	16.14	15.93	17.12
DAVIS	9.66	10.53	8.81	9.46	9.71	11.02	11.64	11.90	12.81	13.62
JEFFERSON	9.00	9.41	8.71	9.05	8.44	9.13	9.85	9.44	9.91	10.01
KECKUK	12.63	13.57	13.02	13.35	12.27	14.08	14.52	13.96	14.80	15.02
LUCAS	10.34	10.87	11.47	12.05	11.77	14.95	13.66	13.19	13.52	14.41
MAHASKA	9.70	10.43	9.64	9.82	8.81	9.42	10.61	10.39	10.71	11.67
MARION	11.23	11.56	10.35	10.34	10.22	10.92	11.53	11.08	11.93	13.23
MENROE	9.52	10.49	11.18	11.22	11.06	12.60	12.98	12.60	13.02	13.74
VAN BUREN	10.27	10.63	10.71	10.70	10.13	11.84	12.77	12.34	12.84	13.53
WAPELLO	7.23	8.13	7.90	7.87	7.71	8.66	9.20	8.87	9.39	9.82
WAYNE	15.26	15.74	15.76	15.66	15.27	17.52	17.22	17.98	18.14	18.11

AREA TOTAL: 117.46 125.28 120.88 123.59 118.92 135.40 139.74 137.88 143.00 150.28

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
APPANOOSE	18.07	20.84	21.19	22.14	22.97	24.01	24.19			
DAVIS	15.44	18.31	20.48	21.84	21.95	24.04	22.86			
JEFFERSON	10.86	11.90	12.20	13.12	13.11	13.62	13.90			
KECKUK	16.33	18.21	18.74	18.61	18.49	19.78	19.74			
LUCAS	16.04	18.79	23.45	22.62	23.11	24.60	25.96			
MAHASKA	12.58	13.82	13.61	14.68	14.69	15.30	14.86			
MARION	14.38	15.18	14.92	15.88	16.11	16.27	16.26			
MENROE	15.17	17.71	18.42	19.32	20.09	22.48	22.12			
VAN BUREN	14.03	16.84	17.25	18.98	19.02	18.73	19.70			
WAPELLO	10.32	12.36	13.21	13.14	13.75	13.00	13.35			
WAYNE	20.02	22.70	24.73	26.04	26.32	28.77	29.68			

AREA TOTAL: 163.24 186.66 198.17 206.36 209.62 220.59 222.61

BEEF CCW NUMBERS PERCENTAGES FOR AREA IX--OTTUMWA

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APPANCOSE	10.74	11.10	11.03	11.39	11.38	11.28	11.27	11.70	11.14	11.39
DAVIS	8.22	8.41	7.29	7.66	8.16	8.14	8.33	8.63	8.96	9.06
JEFFERSON	7.66	7.51	7.21	7.32	7.09	6.74	7.05	6.84	6.93	6.66
KECKUK	10.76	10.83	10.77	10.80	10.32	10.40	10.39	10.13	10.35	10.00
LUCAS	8.80	8.68	9.49	9.75	9.90	11.04	9.77	9.56	9.45	9.59
MAHASKA	8.26	8.33	7.98	7.95	7.41	6.95	7.59	7.54	7.49	7.77
MARION	9.56	9.23	8.56	8.37	8.59	8.06	8.25	8.04	8.35	8.80
MONROE	8.10	8.37	9.24	9.08	9.30	9.31	9.29	9.14	9.11	9.14
VAN BUREN	8.74	8.48	8.86	8.66	8.52	8.74	9.14	8.95	8.98	9.01
WAPELLO	6.15	6.49	6.54	6.37	6.48	6.40	6.58	6.43	6.56	6.53
WAYNE	12.99	12.57	13.04	12.67	12.84	12.94	12.33	13.04	12.69	12.05
AREA PERCENT OF STATE:	11.84	12.31	12.54	13.14	13.67	14.19	14.07	13.86	13.91	13.93

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APPANCOSE	11.07	11.17	10.69	10.73	10.96	10.88	10.86			
DAVIS	9.46	9.81	10.33	10.58	10.47	10.90	10.27			
JEFFERSON	6.65	6.38	6.16	6.36	6.25	6.18	6.24			
KECKUK	10.00	9.76	9.45	9.02	8.82	8.97	8.87			
LUCAS	9.83	10.07	11.83	10.96	11.03	11.15	11.66			
MAHASKA	7.70	7.40	6.87	7.11	7.01	6.94	6.68			
MARION	8.81	8.13	7.53	7.69	7.69	7.37	7.31			
MONROE	9.29	9.49	9.29	9.36	9.58	10.19	9.94			
VAN BUREN	8.59	9.02	8.70	9.20	9.08	8.49	8.85			
WAPELLO	6.32	6.62	6.66	6.37	6.56	5.89	5.99			
WAYNE	12.27	12.16	12.48	12.62	12.56	13.04	13.33			
AREA PERCENT OF STATE:	13.93	14.50	15.24	15.48	15.58	15.82	15.42			

AREA IX--OTTUMWA

BEEF COW NUMBERS (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
APPANOOSE	82.65	91.05	87.32	92.22	88.65	100.00	103.18	105.69	104.31	112.11
CAVIS	87.60	95.56	79.89	85.83	88.06	100.00	105.58	107.96	116.20	123.54
JEFFERSON	98.58	103.06	95.45	99.09	92.41	100.00	107.93	103.38	108.59	109.61
KECKUK	89.76	96.43	92.48	94.82	87.18	100.00	103.13	99.19	105.12	106.72
LUCAS	69.17	72.75	76.72	80.60	78.77	100.00	91.36	88.24	90.46	96.44
MAHASKA	103.06	110.82	102.39	104.31	93.58	100.00	112.71	110.36	113.72	123.95
MARION	102.87	105.93	94.79	94.73	93.59	100.00	105.66	101.50	109.33	121.17
MCCRGE	75.54	83.25	88.68	89.05	87.77	100.00	103.04	99.96	103.33	109.03
VAN BUREN	86.73	89.79	90.50	90.36	85.61	100.00	107.87	104.28	108.48	114.32
WAPELLO	83.43	93.85	91.26	90.88	88.95	100.00	106.21	102.38	108.36	113.33
WAYNE	87.12	89.87	89.95	89.38	87.15	100.00	98.32	102.61	103.54	103.37
AREA INDEX	86.75	92.53	89.28	91.28	87.83	100.00	103.21	101.84	105.61	110.99
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
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COUNTY INDEXES

APPANOOSE	118.35	136.49	138.75	144.99	150.43	157.25	158.40			
DAVIS	140.02	166.07	185.75	198.08	199.08	218.04	207.33			
JEFFERSON	118.95	130.37	133.65	143.77	143.59	149.24	152.24			
KECKUK	116.02	129.37	133.11	132.23	131.40	140.51	140.27			
LUCAS	107.35	125.70	156.87	151.35	154.64	164.58	173.67			
MAHASKA	133.56	146.74	144.53	155.87	156.03	162.47	157.87			
MARION	131.72	139.10	136.65	145.44	147.60	149.03	149.00			
MCCROE	120.36	140.56	146.16	153.33	159.44	178.42	175.53			
VAN BUREN	118.51	142.22	145.69	160.30	160.71	158.18	166.39			
WAPELLO	119.17	142.72	152.45	151.66	158.70	150.07	154.07			
WAYNE	114.29	129.60	141.14	148.62	150.26	164.20	169.43			
AREA INDEX	120.56	137.86	146.36	152.41	154.82	162.92	164.42			
IOWA INDEX	122.84	134.90	136.27	139.72	141.05	146.13	151.31			

AREA IX--OTTUMWA

PIGS BORN

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY (1000 HEAD)										
APPANOOSE	59.77	69.53	60.86	59.87	68.92	76.00	66.90	70.50	78.20	80.90
DAVIS	73.35	85.38	76.10	72.29	81.65	89.80	71.10	75.30	81.70	87.80
JEFFERSON	112.75	128.18	118.67	118.87	133.24	140.70	130.90	133.50	141.90	143.10
KEOKUK	227.29	264.70	258.70	251.91	269.22	285.70	256.10	273.50	277.30	292.20
LUCAS	66.01	73.39	73.56	75.80	87.76	92.40	77.00	82.70	83.10	84.20
MAHASKA	270.93	296.76	276.22	266.27	295.78	309.10	282.50	310.80	291.90	305.60
MARION	201.09	219.64	194.84	189.66	215.09	225.80	187.60	208.70	214.00	227.30
MONROE	73.79	84.70	79.72	81.77	87.44	90.30	76.50	81.60	83.80	87.80
VAN BUREN	72.02	88.01	79.69	77.02	84.64	87.20	78.30	87.10	84.00	91.10
WAPELLO	91.28	116.23	100.69	97.26	103.87	112.40	86.50	93.60	91.90	89.60
WAYNE	81.29	94.13	87.55	83.64	90.41	91.60	70.70	86.00	86.10	91.10
AREA TOTAL:	1329.56	1520.66	1406.60	1374.37	1518.02	1601.00	1384.10	1503.30	1513.90	1586.70

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY (1000 HEAD)										
APPANOOSE	72.40	56.70	66.00	68.00	64.50	58.70	75.20			
DAVIS	87.20	77.20	95.00	100.60	101.20	91.50	111.50			
JEFFERSON	139.00	131.50	134.20	129.80	141.60	133.90	157.10			
KEOKUK	294.50	287.90	307.30	310.30	353.10	331.30	373.60			
LUCAS	85.50	89.10	99.30	114.30	119.00	104.70	115.10			
MAHASKA	300.00	292.60	303.80	318.80	361.20	337.50	361.70			
MARION	218.10	204.40	217.50	220.50	251.20	221.50	266.60			
MONROE	80.40	72.70	87.00	86.50	83.70	69.00	92.20			
VAN BUREN	96.10	90.60	89.80	96.00	102.50	97.70	114.20			
WAPELLO	77.20	78.20	92.20	105.80	107.70	87.80	98.60			
WAYNE	79.10	77.60	88.60	92.30	107.30	91.80	105.90			
AREA TOTAL:	1529.50	1458.50	1580.70	1642.90	1793.00	1625.40	1871.70			

PIGS BORN PERCENTAGES FOR AREA IX--OTTUMWA

AREA & COUNTY INFORMATION

CCUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APPANOOSE	4.50	4.57	4.33	4.36	4.54	4.75	4.83	4.69	5.17	5.10
DAVIS	5.52	5.61	5.41	5.26	5.38	5.61	5.14	5.01	5.40	5.53
JEFFERSON	8.48	8.43	8.44	8.65	8.78	8.79	9.46	8.88	9.37	9.33
KEOKUK	17.09	17.41	18.39	18.33	17.73	17.85	18.50	18.19	18.32	18.42
LUCAS	4.96	4.83	5.23	5.52	5.78	5.77	5.56	5.50	5.49	5.31
MAHASKA	20.38	19.52	19.64	19.37	19.48	19.31	20.41	20.67	19.28	19.32
MARION	15.12	14.44	13.85	13.80	14.17	14.10	13.55	13.88	14.14	14.33
MONROE	5.55	5.57	5.67	5.95	5.76	5.64	5.53	5.43	5.54	5.53
VAN BUREN	5.42	5.79	5.67	5.60	5.58	5.45	5.66	5.79	5.55	5.74
WAPELLO	6.87	7.64	7.16	7.08	6.84	7.02	6.25	6.23	6.07	5.65
WAYNE	6.11	6.19	6.22	6.09	5.96	5.72	5.11	5.72	5.69	5.74
AREA PERCENT OF STATE:	6.76	7.13	7.36	7.31	7.49	7.60	7.40	7.44	7.53	7.63

CCUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APPANOOSE	4.73	3.89	4.18	4.14	3.60	3.61	4.02			
DAVIS	5.70	5.29	6.01	6.12	5.64	5.63	5.96			
JEFFERSON	9.09	9.02	8.49	7.90	7.90	8.24	8.39			
KEOKUK	19.25	19.74	19.44	18.89	19.69	20.38	19.96			
LUCAS	5.59	6.11	6.28	6.96	6.64	6.44	6.15			
MAHASKA	19.61	20.06	19.22	19.40	20.15	20.76	19.32			
MARION	14.26	14.01	13.76	13.42	14.01	13.63	14.24			
MONROE	5.26	4.98	5.50	5.27	4.67	4.25	4.93			
VAN BUREN	6.28	6.21	5.68	5.84	5.72	6.01	6.10			
WAPELLO	5.05	5.36	5.83	6.44	6.01	5.40	5.27			
WAYNE	5.17	5.32	5.61	5.62	5.98	5.65	5.66			
AREA PERCENT OF STATE:	7.46	7.77	7.62	7.60	7.89	8.07	8.18			

AREA IX--OTTUMWA

PIGS BORN (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
APPANOOSE	78.64	91.49	80.08	78.78	90.68	100.00	88.03	92.76	102.89	106.45
DAVIS	81.69	95.08	84.74	80.50	90.93	100.00	79.18	83.85	90.98	97.77
JEFFERSON	80.13	91.10	84.34	84.48	94.70	100.00	93.03	94.88	100.85	105.26
KEOKUK	79.55	92.65	90.55	88.17	94.23	100.00	89.64	95.73	97.06	102.28
LUCAS	71.43	79.43	79.61	82.04	94.98	100.00	83.33	89.50	89.94	91.13
MAHASKA	87.65	96.01	89.36	86.14	95.69	100.00	91.39	100.55	94.44	99.19
MARION	89.06	97.27	86.29	84.00	95.26	100.00	83.08	92.43	94.77	100.66
MONROE	81.72	93.79	88.29	90.55	96.83	100.00	84.72	90.37	92.80	97.23
VAN BUREN	82.60	100.93	91.39	88.33	97.07	100.00	89.79	99.89	96.33	104.47
WAPELLO	81.21	103.41	89.58	86.53	92.41	100.00	76.96	83.27	81.76	79.72
WAYNE	88.74	102.76	95.58	91.31	98.70	100.00	77.18	93.89	94.00	99.45

AREA INDEX	83.05	94.98	87.86	85.84	94.82	100.00	86.45	93.90	94.56	99.11
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IOWA INDEX	93.38	101.16	90.74	89.25	96.19	100.00	88.81	95.88	95.36	98.73
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YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
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COUNTY INDEXES

APPANOOSE	95.26	74.61	86.84	89.47	84.87	77.24	98.95
DAVIS	97.10	85.97	105.79	112.03	112.69	101.89	124.16
JEFFERSON	98.79	93.46	95.38	92.25	100.64	95.17	111.66
KEOKUK	103.08	100.77	107.56	108.61	123.59	115.96	130.77
LUCAS	92.53	96.43	107.47	123.70	128.79	113.31	124.57
MAHASKA	97.06	94.66	98.29	103.14	116.86	109.19	117.02
MARION	96.59	90.52	96.32	97.65	111.25	98.10	118.07
MONROE	89.04	80.51	96.35	95.79	92.69	76.41	102.10
VAN BUREN	110.21	103.90	102.98	110.09	117.55	112.04	130.96
WAPELLO	68.68	69.57	82.03	94.13	95.82	78.11	87.72
WAYNE	86.35	84.72	96.72	100.76	117.14	100.22	115.61

AREA INDEX	95.53	91.10	98.73	102.62	111.99	101.52	116.91
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IOWA INDEX	97.24	89.13	98.49	102.60	107.81	95.58	108.53
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AREA IX--OTTUMWA

FED LAMBS MKT'D

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
APPANOOSE	9.13	10.55	8.16	12.89	11.55	12.16	8.65	10.91	6.52	6.56
DAVIS	32.24	41.12	25.94	33.82	22.40	25.68	27.67	35.33	24.62	26.90
JEFFERSON	14.11	15.97	15.93	16.47	12.73	14.05	12.82	14.10	11.04	16.99
KECKUK	9.72	9.16	13.92	16.94	15.62	15.50	14.80	21.85	24.18	21.29
LUCAS	6.98	19.01	12.11	16.45	13.15	18.35	19.65	21.57	14.82	12.46
MAHASKA	41.34	49.08	58.66	51.61	64.37	57.17	45.34	44.55	36.51	29.26
MARION	52.42	52.40	44.23	49.76	60.46	58.57	58.71	64.39	54.29	50.00
MONROE	4.73	8.09	5.76	6.96	7.17	10.87	9.96	9.19	10.29	9.06
VAN BUREN	14.41	8.64	8.48	7.74	8.78	6.96	7.97	11.38	10.37	7.98
WAPELLO	10.67	11.81	10.03	17.85	17.57	14.31	12.54	14.47	12.34	11.39
WAYNE	5.41	6.43	6.98	4.15	0.81	2.61	3.93	2.69	1.31	3.87
AREA TOTAL:	201.16	232.26	210.18	234.64	234.61	236.26	222.04	250.44	206.28	195.77

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
APPANOOSE	8.68	11.20	10.30	9.31	13.12	8.36	5.27			
DAVIS	34.65	36.71	26.07	20.31	36.88	30.95	30.73			
JEFFERSON	24.01	20.02	13.85	14.63	14.95	11.11	14.42			
KECKUK	26.65	21.35	25.48	12.71	18.41	19.66	16.44			
LUCAS	9.48	15.63	15.50	16.89	19.00	14.91	9.18			
MAHASKA	26.59	15.97	12.73	13.06	9.49	14.51	4.92			
MARION	65.80	32.33	43.28	24.60	29.30	23.93	13.42			
MONROE	8.56	8.78	8.66	9.32	7.72	8.54	6.45			
VAN BUREN	8.52	10.85	9.01	13.33	13.06	7.48	6.13			
WAPELLO	13.53	9.25	11.52	12.45	13.17	10.32	6.97			
WAYNE	3.68	6.35	6.26	6.05	7.00	3.38	2.11			
AREA TOTAL:	230.17	188.44	182.65	152.67	182.10	153.16	116.04			

FED LAMBS MKT'D PERCENTAGES FOR AREA IX--OTTUMWA

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APPANOOSE	4.54	4.54	3.88	5.49	4.92	5.15	3.90	4.36	3.16	3.35
DAVIS	16.03	17.70	12.34	14.41	9.55	10.87	12.46	14.11	11.93	13.74
JEFFERSON	7.01	6.88	7.58	7.02	5.42	5.95	5.77	5.63	5.35	8.68
KECKUK	4.83	3.94	6.62	7.22	6.66	6.56	6.67	8.72	11.72	10.88
LUCAS	3.47	8.19	5.76	7.01	5.60	7.77	8.85	8.61	7.18	6.36
MAHASKA	20.55	21.13	27.91	22.00	27.44	24.20	20.42	17.79	17.70	14.95
MARION	26.06	22.56	21.04	21.21	25.77	24.79	26.44	25.71	26.32	25.54
MENROE	2.35	3.48	2.74	2.97	3.06	4.60	4.49	3.67	4.99	4.63
VAN BUREN	7.16	3.72	4.03	3.30	3.74	2.95	3.59	4.55	5.03	4.08
WAPELLO	5.31	5.08	4.77	7.61	7.49	6.06	5.65	5.78	5.98	5.82
WAYNE	2.69	2.77	3.32	1.77	0.35	1.11	1.77	1.07	0.63	1.98
AREA PERCENT OF STATE:	16.16	16.46	14.70	15.66	16.58	15.03	14.06	15.07	13.73	13.61

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APPANOOSE	3.77	5.94	5.64	6.10	7.20	5.46	4.54			
DAVIS	15.06	19.48	14.27	13.31	20.25	20.21	26.48			
JEFFERSON	10.43	10.62	7.58	9.58	8.21	7.26	12.43			
KECKUK	11.58	11.33	13.95	8.33	10.11	12.84	14.17			
LUCAS	4.12	8.29	8.48	11.06	10.43	9.74	7.91			
MAHASKA	11.55	8.47	6.97	8.55	5.21	9.48	4.24			
MARION	28.59	17.16	23.69	16.11	16.09	15.63	11.56			
MENROE	3.72	4.66	4.74	6.11	4.24	5.58	5.56			
VAN BUREN	3.70	5.76	4.93	8.73	7.17	4.88	5.28			
WAPELLO	5.88	4.91	6.31	8.16	7.23	6.74	6.01			
WAYNE	1.60	3.37	3.43	3.96	3.84	2.20	1.82			
AREA PERCENT OF STATE:	15.79	15.26	15.75	16.44	20.03	18.08	15.77			

AREA IX--OTTUMWA

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

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
APPANOOSE	75.02	86.76	67.07	105.95	94.94	100.00	71.14	89.68	53.59	53.94
DAVIS	125.51	160.08	100.99	131.66	87.21	100.00	107.74	137.57	95.84	104.75
JEFFERSON	100.46	113.71	113.44	117.23	90.60	100.00	91.24	100.40	78.62	120.97
KECKUK	62.73	59.06	89.76	109.29	100.73	100.00	95.48	140.92	155.97	137.36
LUCAS	38.04	103.60	65.98	89.64	71.64	100.00	107.08	117.53	80.75	67.86
MAHASKA	72.31	85.85	102.61	90.27	112.58	100.00	79.30	77.91	63.86	51.18
MARION	89.49	89.46	75.50	84.95	103.23	100.00	100.23	109.93	92.68	85.36
MENROE	43.50	74.42	52.96	64.03	65.96	100.00	91.62	84.52	94.60	83.33
VAN BUREN	206.89	124.07	121.69	111.16	126.00	100.00	114.40	163.44	148.89	114.58
WAPELLO	74.57	82.50	70.04	124.71	122.77	100.00	87.60	101.12	86.24	79.58
WAYNE	206.90	245.96	266.94	158.73	31.15	100.00	150.46	102.88	50.06	148.18
AREA INDEX	85.14	98.31	88.96	99.31	99.30	100.00	93.98	106.00	87.31	82.86
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										
APPANOOSE	71.38	92.07	84.63	76.50	107.85	68.71	43.31			
CAVIS	134.92	142.93	101.50	79.09	143.57	120.50	119.64			
JEFFERSON	170.93	142.53	98.61	104.15	106.46	79.13	102.67			
KEOKUK	171.95	137.72	164.40	82.02	118.76	126.83	106.08			
LUCAS	51.66	85.16	84.44	92.01	103.53	81.24	50.03			
MAHASKA	46.51	27.93	22.26	22.84	16.60	25.39	8.61			
MARION	112.34	55.20	73.88	42.00	50.02	40.36	22.91			
MENROE	78.76	80.72	79.68	85.73	70.97	78.59	59.30			
VAN BUREN	122.27	155.81	129.37	191.37	187.55	107.40	38.03			
WAPELLO	94.56	64.60	80.46	87.01	92.00	72.10	48.69			
WAYNE	140.65	243.12	239.56	231.55	267.89	129.22	80.63			
AREA INDEX	97.42	79.76	77.31	64.62	77.07	64.83	49.11			
IOWA INDEX	92.74	78.55	73.78	59.05	57.83	53.88	46.79			

AREA IX--OTTUMWA

LAMBS BORN

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY (1000 HEAD)										
APPANOOSE	21.01	22.28	20.94	21.46	24.14	23.03	21.88	21.91	19.01	18.93
DAVIS	48.99	48.45	47.54	50.31	55.14	54.77	51.84	54.95	54.23	51.52
JEFFERSON	12.68	12.66	13.49	13.30	15.70	14.54	12.79	12.38	13.32	11.45
KECKUK	16.31	16.96	16.80	18.18	21.61	17.81	18.14	16.46	15.21	13.67
LUCAS	15.12	14.62	15.81	14.46	15.63	19.49	18.12	16.87	17.10	16.68
MAHASKA	15.02	15.98	14.20	15.09	18.55	17.01	16.88	16.45	13.96	11.30
MARION	15.87	20.68	22.69	19.54	21.84	18.94	19.72	16.60	17.64	12.09
MENROE	14.04	14.49	13.98	14.65	15.69	14.75	13.98	12.84	12.83	11.15
VAN BUREN	30.74	31.85	32.05	33.11	35.71	34.56	34.54	31.90	31.28	27.86
WAPELLO	12.12	13.30	12.76	14.66	16.73	15.17	14.93	13.37	13.60	11.14
WAYNE	11.59	11.89	11.58	13.05	14.75	13.76	13.44	12.02	11.93	10.04
AREA TOTAL:	213.48	223.16	221.83	227.81	255.48	243.83	236.25	225.75	220.11	195.83

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY (1000 HEAD)										
APPANOOSE	19.27	21.20	20.60	17.81	18.99	19.70	15.96			
DAVIS	46.89	46.77	50.03	44.76	38.85	40.66	40.09			
JEFFERSON	11.04	11.15	11.36	10.84	8.37	8.78	8.74			
KECKUK	13.64	13.76	10.56	12.42	10.59	13.08	9.90			
LUCAS	13.70	16.87	18.12	13.64	13.36	11.26	10.96			
MAHASKA	10.85	9.89	7.53	6.83	5.58	5.98	6.44			
MARION	12.80	11.06	9.87	8.39	8.94	7.53	7.31			
MENROE	11.70	11.94	11.65	10.60	9.30	9.40	8.35			
VAN BUREN	27.07	26.77	25.61	23.97	24.84	17.57	16.06			
WAPELLO	9.42	9.07	10.27	7.66	7.02	7.60	7.07			
WAYNE	9.86	11.00	9.72	9.48	7.50	6.99	6.79			
AREA TOTAL:	186.25	189.48	185.32	166.39	153.35	148.54	137.69			

LAMBS BORN PERCENTAGES FOR AREA IX--OTTUMWA

AREA & COUNTY INFORMATION

CCOUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APPANOOSE	9.84	9.98	9.44	9.42	9.45	9.45	9.26	9.71	8.64	9.66
DAVIS	22.95	21.71	21.43	22.08	21.58	22.46	21.94	24.34	24.64	26.31
JEFFERSON	5.94	5.67	6.08	5.84	6.14	5.96	5.41	5.48	6.05	5.84
KECKUK	7.64	7.60	7.57	7.98	8.46	7.30	7.68	7.29	6.91	6.98
LUCAS	7.08	6.55	7.13	6.35	6.12	7.99	7.67	7.47	7.77	8.52
MAHASKA	7.03	7.16	6.40	6.63	7.26	6.98	7.14	7.29	6.34	5.77
MARION	7.43	9.27	10.23	8.58	8.55	7.77	8.35	7.36	8.01	6.18
MORRIS	6.58	6.49	6.30	6.43	6.14	6.05	5.92	5.69	5.83	5.70
VAN BUREN	14.40	14.27	14.45	14.53	13.98	14.17	14.62	14.13	14.21	14.22
WAPELLO	5.68	5.96	5.75	6.44	6.55	6.22	6.32	5.92	6.18	5.69
WAYNE	5.43	5.33	5.22	5.73	5.77	5.64	5.69	5.32	5.42	5.13
AREA PERCENT OF STATE:	26.65	27.05	26.85	25.26	25.93	25.16	25.05	24.20	25.15	25.04

CCOUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APPANOOSE	10.35	11.19	11.11	10.70	12.38	13.27	11.59			
DAVIS	25.18	24.68	27.00	26.90	25.34	27.37	29.12			
JEFFERSON	5.93	5.88	6.13	6.52	5.46	5.91	6.35			
KECKUK	7.32	7.26	5.70	7.46	6.90	8.81	7.19			
LUCAS	7.35	8.90	9.78	8.20	8.71	7.58	7.96			
MAHASKA	5.83	5.22	4.06	4.10	3.64	4.02	4.68			
MARION	6.87	5.84	5.33	5.04	5.83	5.07	5.31			
MORRIS	6.28	6.30	6.29	6.37	6.07	6.33	6.06			
VAN BUREN	14.54	14.13	13.82	14.41	16.20	11.83	11.67			
WAPELLO	5.06	4.79	5.54	4.61	4.58	5.11	5.14			
WAYNE	5.29	5.80	5.24	5.69	4.89	4.71	4.93			
AREA PERCENT OF STATE:	24.83	25.26	26.74	24.77	25.62	25.35	24.80			

AREA IX--OTTUMWA

LAMBS BORN (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
APPANOOSE	91.21	96.74	90.92	93.19	104.83	100.00	95.00	95.14	82.55	82.17
CAVIS	89.45	88.47	86.82	91.86	100.68	100.00	94.66	100.34	99.01	94.07
JEFFERSON	87.23	87.08	92.75	91.45	107.95	100.00	87.95	85.11	91.61	78.71
KEOKUK	91.60	95.21	94.30	102.07	121.32	100.00	101.85	92.44	85.38	76.77
LUCAS	77.56	75.02	81.10	74.19	80.20	100.00	92.93	86.56	87.72	85.57
MAHASKA	88.25	93.92	83.45	88.71	109.01	100.00	99.21	96.66	82.08	66.43
MARION	83.82	109.22	119.81	103.20	115.35	100.00	104.13	87.69	93.16	63.87
MONROE	95.20	98.27	94.79	99.35	106.37	100.00	94.79	87.08	87.00	75.64
VAN BUREN	88.93	92.16	92.74	95.80	103.33	100.00	99.94	92.29	90.52	80.60
WAPELLO	79.88	87.65	84.12	96.64	110.23	100.00	98.38	88.12	89.61	73.45
WAYNE	84.22	86.41	84.17	94.84	107.22	100.00	97.72	87.37	86.72	72.96
AREA INDEX	87.55	91.53	90.98	93.43	104.78	100.00	96.89	92.59	90.27	80.32
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										
APPANOOSE	83.67	92.05	89.43	77.33	82.45	85.55	69.31			
DAVIS	85.63	85.39	91.36	81.73	70.95	74.24	73.21			
JEFFERSON	75.94	76.65	78.11	74.58	57.58	60.42	60.10			
KECKUK	76.56	77.27	59.31	69.71	59.45	73.46	55.58			
LUCAS	70.27	86.56	92.94	69.98	68.53	57.74	56.24			
MAHASKA	63.76	58.13	44.27	40.12	32.82	35.12	37.86			
MARION	67.60	58.41	52.13	44.29	47.21	39.77	38.58			
MONROE	79.36	80.97	79.00	71.87	63.08	63.73	56.61			
VAN BUREN	78.34	77.46	74.09	69.37	71.88	50.83	46.48			
WAPELLO	62.10	59.79	67.69	50.51	46.27	50.06	46.63			
WAYNE	71.64	79.95	70.64	68.88	54.55	50.81	49.39			
AREA INDEX	76.38	77.71	76.00	68.24	62.89	60.92	56.47			
IOWA INDEX	77.40	77.39	71.51	69.30	61.77	60.45	57.28			

AREA IX--OTTUMWA

MILK COW NUMBERS

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
APPANCOSE	8.28	7.78	6.79	6.90	6.49	6.12	5.72	5.56	4.94	4.67
DAVIS	9.09	8.63	8.12	8.22	8.14	8.17	7.74	7.78	7.43	6.83
JEFFERSON	7.02	6.57	6.09	5.57	5.14	4.64	4.26	4.22	3.83	3.40
KECKUK	9.27	9.37	8.73	8.24	7.91	7.38	7.00	6.26	5.85	5.28
LUCAS	5.95	5.79	5.33	5.02	4.73	4.42	4.10	3.93	3.35	3.13
MAHASKA	11.56	11.33	10.76	10.12	9.69	8.90	7.90	8.18	7.70	7.75
MARION	10.65	10.51	10.02	9.89	9.62	9.15	8.36	7.86	8.47	7.96
MONROE	5.62	5.27	5.10	4.94	4.72	4.13	3.85	3.48	3.40	3.16
VAN BUREN	6.94	6.44	6.26	5.70	5.50	5.05	4.60	4.38	4.45	3.70
WAPELLO	7.40	7.13	6.44	6.24	5.78	5.27	4.30	4.16	3.89	3.35
WAYNE	9.13	8.83	8.06	7.90	7.82	7.02	6.56	6.26	6.02	6.02
AREA TOTAL:	90.92	87.63	81.70	78.73	75.53	70.25	64.40	62.07	59.32	55.25

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
APPANCOSE	4.24	4.14	3.65	2.91	2.09	2.22	2.04			
DAVIS	6.17	5.71	4.95	4.62	4.20	3.89	3.97			
JEFFERSON	2.92	2.43	2.22	2.02	1.87	1.67	1.28			
KECKUK	5.03	4.64	4.24	3.62	3.11	2.67	2.66			
LUCAS	2.80	2.52	2.47	1.92	1.27	1.22	1.19			
MAHASKA	7.55	7.58	6.72	5.91	5.33	4.65	3.97			
MARION	7.33	6.72	5.68	5.19	5.14	4.91	4.67			
MONROE	3.05	3.07	2.63	2.25	1.80	1.96	1.66			
VAN BUREN	3.79	3.00	2.66	1.99	1.71	1.33	1.35			
WAPELLO	3.12	2.72	2.41	1.79	1.69	1.42	1.38			
WAYNE	5.48	5.24	4.25	3.52	2.81	2.41	2.54			
AREA TOTAL:	51.47	47.76	41.89	35.73	31.02	28.35	26.71			

MILK CCW NUMBERS PERCENTAGES FOR AREA IX--OTTUMWA

AREA & COUNTY INFORMATION

COUNTY PERCENT OF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APPANGOSE	9.11	8.88	8.31	8.76	8.60	8.72	8.88	8.96	8.33	8.45
DAVIS	10.00	9.85	9.94	10.44	10.78	11.63	12.01	12.54	12.53	12.35
JEFFERSON	7.72	7.50	7.45	7.08	6.81	6.61	6.62	6.79	6.46	6.15
KECKUK	10.19	10.69	10.69	10.46	10.48	10.50	10.87	10.08	9.86	9.56
LUCAS	6.55	6.61	6.52	6.37	6.26	6.29	6.37	6.34	5.65	5.67
MAHASKA	12.72	12.92	13.17	12.85	12.83	12.67	12.27	13.18	12.98	14.02
MARION	11.72	11.99	12.26	12.56	12.73	13.03	12.98	12.67	14.27	14.41
MENROE	6.18	6.01	6.24	6.28	6.24	5.88	5.98	5.61	5.72	5.72
VAN BUREN	7.64	7.34	7.66	7.24	7.28	7.19	7.15	7.05	7.50	6.69
WAPELLO	8.14	8.14	7.88	7.92	7.65	7.50	6.68	6.70	6.56	6.07
WAYNE	10.04	10.07	9.87	10.03	10.35	9.99	10.19	10.09	10.15	10.89
AREA PERCENT OF STATE:	7.94	7.81	7.43	7.23	7.23	7.15	6.93	6.64	6.41	6.22

COUNTY PERCENT OF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APPANGOSE	8.23	8.66	8.72	8.16	6.75	7.84	7.65			
DAVIS	11.98	11.95	11.83	12.92	13.54	13.73	14.85			
JEFFERSON	5.67	5.09	5.30	5.66	6.02	5.88	4.78			
KECKUK	9.78	9.72	10.13	10.12	10.03	9.42	9.97			
LUCAS	5.44	5.27	5.90	5.37	4.10	4.32	4.45			
MAHASKA	14.67	15.87	16.03	16.54	17.17	16.40	14.87			
MARION	14.24	14.08	13.56	14.53	16.57	17.30	17.48			
MONROE	5.93	6.43	6.28	6.29	5.80	6.93	6.23			
VAN BUREN	7.36	6.27	6.36	5.56	5.52	4.70	5.05			
WAPELLO	6.06	5.69	5.76	5.00	5.45	4.99	5.18			
WAYNE	10.64	10.97	10.14	9.85	9.05	8.51	9.49			
AREA PERCENT OF STATE:	5.98	5.77	5.63	5.16	4.82	4.69	4.70			

AREA IX—OTTUMWA

MILK COW NUMBERS (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
APPANOOSE	135.23	127.00	110.84	112.59	106.02	100.00	93.32	90.82	80.65	76.22
DAVIS	111.26	105.71	99.39	100.66	99.68	100.00	94.71	95.26	91.00	83.57
JEFFERSON	151.32	141.55	131.23	120.04	110.77	100.00	91.84	90.86	82.57	73.27
KEOKUK	125.65	127.01	118.44	111.71	107.30	100.00	94.95	84.87	79.29	71.59
LUCAS	134.62	131.01	120.53	113.51	106.93	100.00	92.81	88.99	75.84	70.88
MAHASKA	129.94	127.25	120.91	113.71	108.91	100.00	88.81	91.90	86.51	87.04
MARION	116.36	114.77	109.45	108.04	105.04	100.00	91.31	85.87	92.48	86.98
MONROE	135.95	127.54	123.44	119.69	114.17	100.00	93.23	84.27	82.20	76.53
VAN BUREN	137.44	127.44	123.89	112.83	108.81	100.00	91.11	86.63	88.06	73.21
WAPELLO	140.55	135.34	122.17	118.41	109.65	100.00	81.62	78.90	73.83	63.68
WAYNE	130.04	125.76	114.90	112.51	111.42	100.00	93.47	89.19	85.77	85.75
AREA INDEX	129.41	124.74	116.29	112.07	107.52	100.00	91.66	88.35	84.44	78.64
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										
APPANOOSE	69.16	67.55	59.62	47.59	34.20	36.29	33.36			
DAVIS	75.51	69.89	60.65	56.51	51.43	47.65	48.56			
JEFFERSON	62.86	52.37	47.88	43.59	40.24	35.89	27.51			
KECKUK	68.26	62.95	57.51	49.03	42.19	36.22	36.12			
LUCAS	63.39	56.95	55.90	43.41	28.76	27.68	26.91			
MAHASKA	84.83	85.16	75.45	66.39	59.83	52.23	44.62			
MARION	80.09	73.46	62.03	56.71	56.15	53.59	51.02			
MONROE	73.87	74.30	63.73	54.38	43.53	47.54	40.30			
VAN BUREN	74.97	59.31	52.71	39.35	33.92	26.36	26.72			
WAPELLC	59.25	51.58	45.81	33.92	32.12	26.87	26.26			
WAYNE	78.01	74.65	60.50	50.12	39.98	34.37	36.13			
AREA INDEX	73.27	67.99	59.63	50.86	44.15	40.36	38.03			
IOWA INDEX	87.67	84.21	75.77	70.46	65.56	61.60	57.82			

AREA IX--CTTUMWA

HENS AND PULLETS

(COUNTY & AREA TOTALS)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY(1000 HEAD)										
APPANOOSE	121.61	128.12	112.91	119.55	112.48	99.29	80.23	84.34	68.38	59.76
DAVIS	139.53	143.39	126.50	133.83	135.73	135.12	119.32	112.63	99.49	82.45
JEFFERSON	147.48	145.49	136.83	136.46	135.18	135.38	119.24	106.84	109.66	87.87
KECKUK	217.02	211.28	201.67	199.49	200.11	193.96	164.60	158.50	151.63	121.19
LUCAS	136.47	141.46	128.91	125.39	117.72	115.99	106.71	101.45	85.98	73.30
MAHASKA	305.35	298.66	276.04	256.45	242.91	254.02	221.51	215.68	209.08	179.45
MARION	253.50	250.86	231.94	239.52	234.44	221.66	204.96	200.45	180.04	150.40
MONROE	96.37	95.46	91.66	87.31	83.16	74.40	70.23	69.75	76.30	60.71
VAN BUREN	148.57	147.53	144.46	128.55	119.35	126.64	93.00	82.95	73.30	54.30
WAPELLO	111.14	105.84	97.18	86.51	82.93	71.50	71.55	74.62	65.54	62.50
WAYNE	163.34	170.04	155.94	157.98	154.06	160.41	138.51	133.52	108.99	83.63
AREA TOTAL:	1840.38	1838.13	1704.04	1671.04	1618.06	1588.37	1389.83	1340.73	1228.39	1015.57

YEAR	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
COUNTY(1000 HEAD)										
APPANOOSE	54.93	32.91	26.72	23.74	12.85	19.61	14.87			
DAVIS	64.42	64.08	61.16	47.87	32.72	30.73	18.50			
JEFFERSON	76.06	63.03	57.17	49.03	40.41	35.71	26.05			
KECKUK	121.93	104.99	77.85	71.30	59.46	51.35	40.91			
LUCAS	79.39	66.71	61.36	50.47	51.49	38.29	44.38			
MAHASKA	172.26	171.72	156.59	174.09	173.99	152.71	167.54			
MARION	144.07	143.70	118.46	115.05	115.63	81.56	98.89			
MONROE	54.12	47.23	47.66	45.36	44.63	34.49	16.54			
VAN BUREN	46.40	43.22	36.45	35.59	25.95	16.76	19.80			
WAPELLO	55.72	58.44	54.33	43.32	26.18	17.27	26.91			
WAYNE	75.89	80.00	74.32	60.67	51.97	33.54	26.43			
AREA TOTAL:	945.19	876.03	772.07	716.48	635.28	512.03	500.83			

HENS AND PULLETS PERCENTAGES FOR AREA IX--OTTUMWA

AREA & COUNTY INFORMATION

CCUNTY PERCENT CF AREA	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APPANOOSE	6.61	6.97	6.63	7.15	6.95	6.25	5.77	6.29	5.57	5.88
DAVIS	7.58	7.80	7.42	8.01	8.39	8.51	8.59	8.40	8.10	8.12
JEFFERSON	8.01	7.92	8.03	8.17	8.35	8.52	8.58	7.97	8.93	8.65
KECKUK	11.79	11.49	11.83	11.94	12.37	12.21	11.84	11.82	12.34	11.93
LUCAS	7.42	7.70	7.57	7.50	7.28	7.30	7.68	7.57	7.00	7.22
MAHASKA	16.59	16.25	16.20	15.35	15.01	15.99	15.94	16.09	17.02	17.67
MARION	13.77	13.65	13.61	14.33	14.49	13.96	14.75	14.95	14.66	14.81
MENROE	5.24	5.19	5.38	5.22	5.14	4.68	5.05	5.20	6.21	5.98
VAN BUREN	8.07	8.03	8.48	7.69	7.38	7.97	6.69	6.19	5.97	5.35
WAPELLO	6.04	5.76	5.70	5.18	5.13	4.50	5.15	5.57	5.34	6.15
WAYNE	8.88	9.25	9.15	9.45	9.52	10.10	9.97	9.96	8.87	8.23
AREA PERCENT OF STATE:	6.47	6.46	6.23	5.96	5.96	5.73	5.45	5.42	5.17	4.88

CCUNTY PERCENT CF AREA	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APPANOOSE	5.81	3.76	3.46	3.31	2.02	3.83	2.97			
DAVIS	6.82	7.32	7.92	6.68	5.15	6.00	3.69			
JEFFERSON	8.05	7.19	7.40	6.84	6.36	6.97	5.20			
KECKUK	12.90	11.98	10.08	9.95	9.36	10.03	8.17			
LUCAS	8.40	7.62	7.95	7.04	8.11	7.48	8.86			
MAHASKA	18.23	19.60	20.28	24.30	27.39	29.83	33.45			
MARION	15.24	16.40	15.34	16.06	18.20	15.93	19.74			
MENROE	5.73	5.39	6.17	6.33	7.03	6.74	3.30			
VAN BUREN	4.91	4.93	4.72	4.97	4.09	3.27	3.95			
WAPELLO	5.89	6.67	7.04	6.05	4.12	3.37	5.37			
WAYNE	8.03	9.13	9.63	8.47	8.18	6.55	5.28			
AREA PERCENT OF STATE:	4.74	4.43	4.51	4.32	4.34	3.98	3.78			

AREA IX--OTTUMWA

HENS AND PULLETS (INDEX FIGURES BASED ON 1959)

YEAR	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
COUNTY INDEXES										
APPANGOSE	122.47	129.04	113.71	120.39	113.28	100.00	80.80	84.94	68.87	60.19
DAVIS	103.26	106.12	93.62	99.05	100.45	100.00	88.31	83.35	73.63	61.02
JEFFERSON	108.94	107.47	101.07	100.80	99.86	100.00	88.08	78.92	81.01	64.91
KECKUK	111.89	108.93	103.98	102.85	103.17	100.00	84.86	81.72	78.18	62.48
LUCAS	117.66	121.96	111.14	108.11	101.49	100.00	92.00	87.46	74.13	63.20
MAHASKA	120.21	117.57	108.67	100.96	95.63	100.00	87.20	84.91	82.31	70.64
MARION	114.36	113.17	104.64	108.05	105.77	100.00	92.46	90.43	81.22	67.85
MCCRONE	129.53	128.31	123.20	117.35	111.77	100.00	94.39	93.75	102.55	81.60
VAN BUREN	117.32	116.49	114.07	101.51	94.24	100.00	73.43	65.50	57.88	42.88
WAPELLO	155.44	148.03	135.92	121.00	115.99	100.00	100.07	104.37	91.67	87.42
WAYNE	101.83	106.01	97.22	98.49	96.04	100.00	86.35	83.24	67.94	52.14
AREA INDEX	115.87	115.72	107.28	105.20	101.87	100.00	87.50	84.41	77.34	63.94
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										
APPANGOSE	55.32	33.14	26.91	23.91	12.95	19.75	14.97			
DAVIS	47.68	47.43	45.26	35.43	24.22	22.74	13.69			
JEFFERSON	56.18	46.55	42.23	36.22	29.85	26.37	19.24			
KECKUK	62.87	54.13	40.14	36.76	30.65	26.47	21.09			
LUCAS	68.44	57.52	52.90	43.51	44.39	33.02	38.26			
MAHASKA	67.81	67.60	61.64	68.53	68.49	60.12	65.95			
MARION	65.00	64.83	53.44	51.90	52.16	36.79	44.61			
MCCRONE	72.74	63.49	64.06	60.97	59.99	46.36	22.23			
VAN BUREN	36.64	34.13	28.78	28.11	20.49	13.24	15.63			
WAPELLO	77.93	81.73	75.98	60.59	36.61	24.16	37.64			
WAYNE	47.31	49.87	46.33	37.82	32.40	20.91	16.48			
AREA INDEX	59.51	55.15	48.61	45.11	40.00	32.24	31.53			
IOWA INDEX	71.95	71.32	61.74	59.85	52.71	46.34	47.72			

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