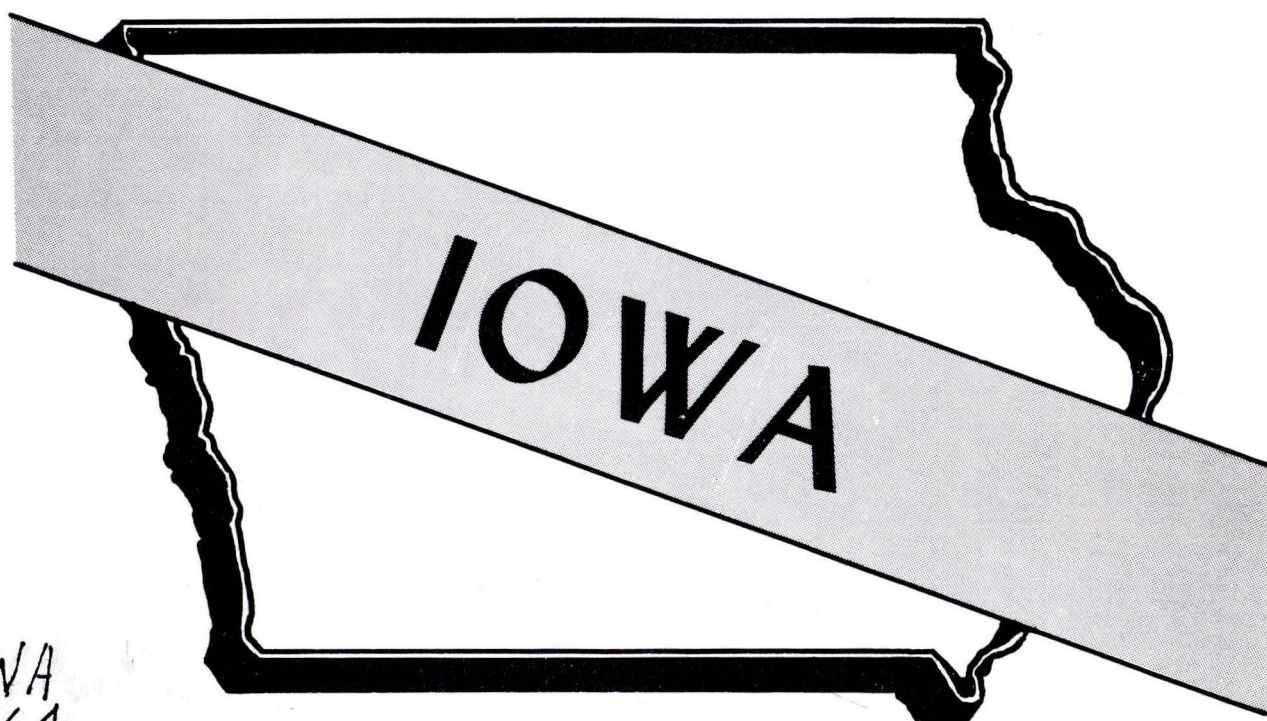


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PIG CROPS

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Iowa Crop And Livestock Reporting Service

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PIG CROPS IN IOWA

PREFACE

Cooperation between the State Department of Agriculture and the Statistical Reporting Service of the United States Department of Agriculture makes possible the collection, summarization and publication of data in this report.

County estimates of sows farrowing are based primarily on information collected in conjunction with the Annual State Farm Census. Data used to estimate the pig crop at the county level are based on periodic sample surveys of thousands of hog producers by mail and by interview.

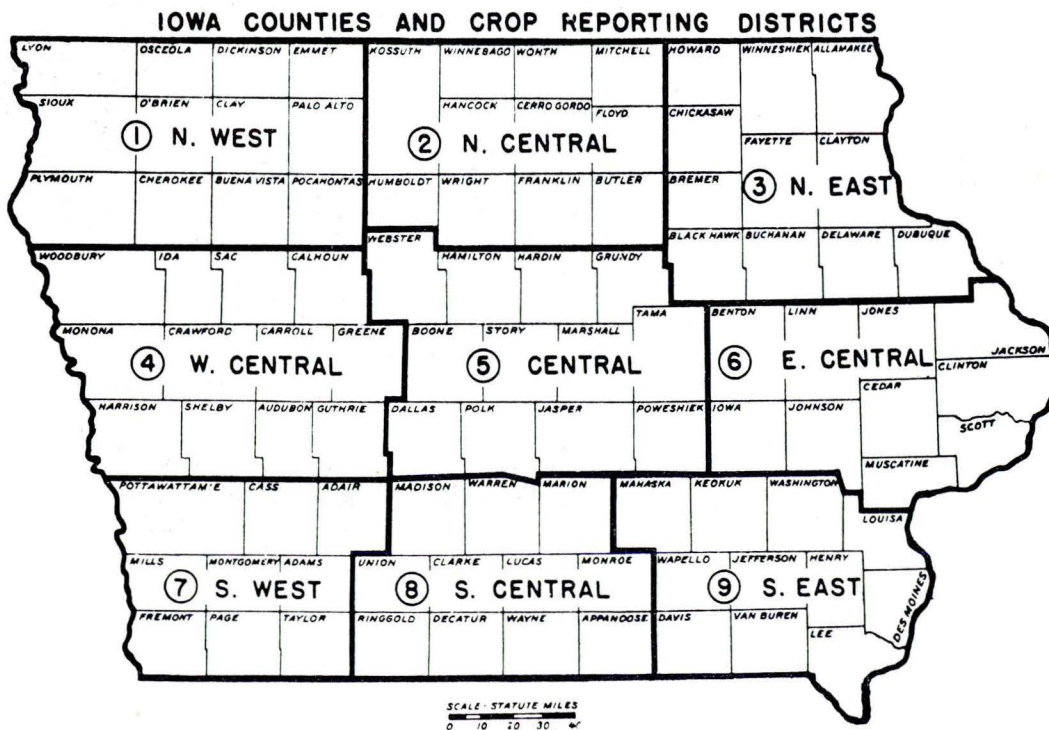
This publication is made possible by State funds. It provides background material for the evaluation of changes that may occur in the supply and the market potential of hogs in the various parts of the State.

This is the ninth in a series of publications entitled Pig Crops in Iowa which show geographically the pattern and distribution of sow farrowings and pig crops which indicate areas of production. The bulletin is issued annually with the initial publication containing data on 1959 sow farrowings and pig crops by counties.

Iowa is one of the leading livestock States in the Nation ranking "Number One" in hog production. Seven out of every ten farmers in the State produce hogs. The annual pig crop ranged between 18 and 21 million head for seventeen years and reached a record high of 21.6 million in 1967. Cash receipts from the annual sale of hogs normally account for a fourth to a third of the State's annual cash farm income from agriculture.

L. B. Liddy, Secretary
Iowa State Department of Agriculture

R. H. Sutherland
Agricultural Statistician



Data for earlier years may be obtained by writing to: U. S. D. A., Statistical Reporting Service, Federal Bldg., Room 855, 210 Walnut Street, Des Moines, Iowa, 50309.

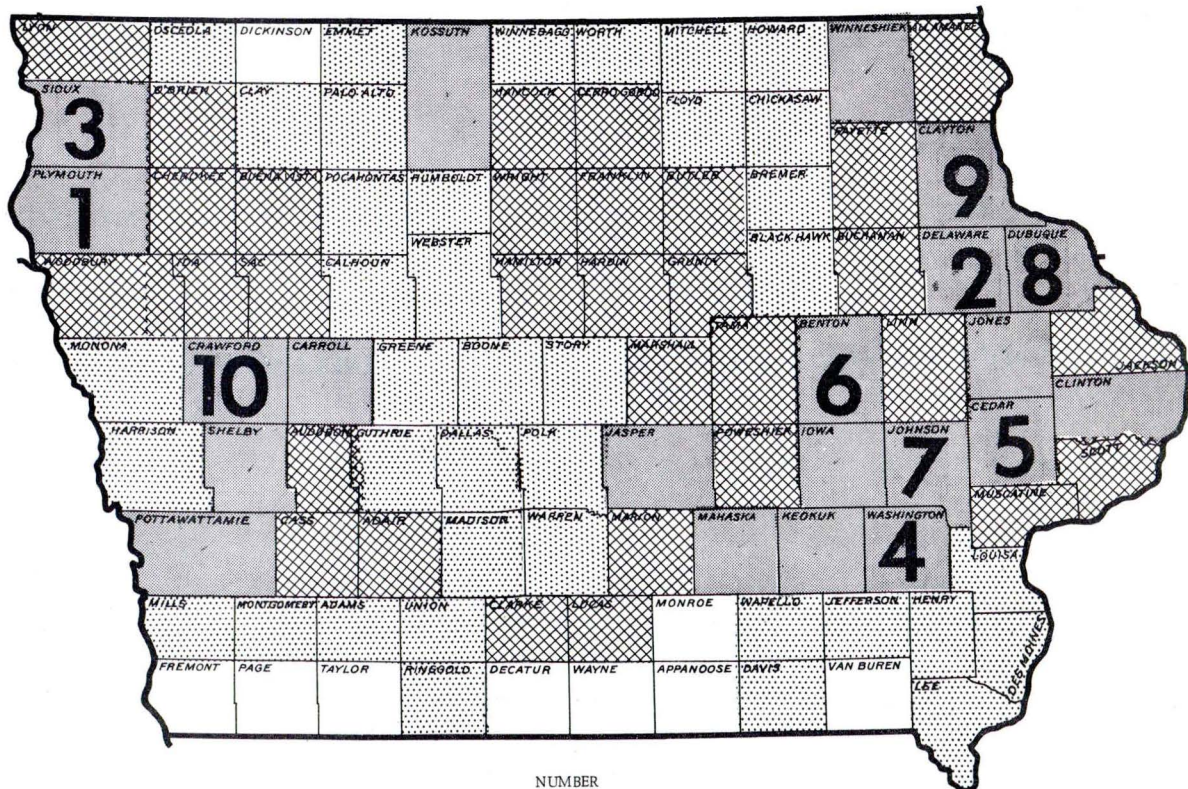
Prepared by Lloyd C. Stuber

Iowa produced close to one-fourth of the Nation's pig crop in 1967. The 1967 Iowa pig crop totaled 21,621,000 head, 83 percent more than the next largest pork producing State, and a record high since records were started in 1924. The pig crop was 2 percent larger than in 1966 and 7 percent larger than the 1962-66 average of 20,256,000 head. Hogs accounted for \$952,772,000 in 1967, 37 percent of cash receipts from livestock and livestock products and 27 percent of cash receipts from marketings of all agricultural commodities produced in Iowa.

Geographically, the east central district produced the most hogs, 14.7 percent of the State total, followed by the northeast district with 13.7 percent. Six counties each produced over 400,000 pigs which accounted for 12.3 percent of the total, and 15 counties 300,000 head and over. These twenty-one counties produced over one-third of the State total. The 10 leading counties in hog production in 1967, based on pig crop numbers, were, Plymouth, Delaware, Sioux, Washington, Cedar, Benton, Johnson, Dubuque, Clayton and Crawford. These ten counties produced 19 percent of the State's total pig crop.

The 1968 spring pig crop (December 1967 through May 1968) totaled 11,484,000 head, 3 percent less than were produced during the comparable period a year earlier. Expected farrowings, as reported on June 1, 1968 for the 1968 fall crop (June through November) are estimated at 1,372,000 sows, 3 percent more than farrowed during this period a year earlier. If fall farrowing intentions are carried out and the litter size is near average, the total 1968 pig crop will be 1 percent below 1967.

Rank of First Ten Counties Shown by Number Within County



NUMBER

Less than 100,000 100,000-199,999 200,000-299,999 300,000 and more

This publication is in part made possible under the auspices of the Iowa State Department of Agriculture and the Statistical Reporting Service, U. S. Department of Agriculture, with the aid of funds authorized by the Agricultural Marketing Act of 1946.

Table 1. -- Pig Crop: Number of sows farrowing, pigs per litter and pig crop -- by counties, Iowa, 1967

County and District	December-May			June-November			Annual		
	Sows Farrowed	Pigs per Litter	Pig Crop	Sows Farrowed	Pigs per Litter	Pig Crop	Sows Farrowed	Pigs per Litter	Pig Crop
	Number of Head			Number of Head			Number of Head		
Buena Vista	20,200	7.01	141,600	17,100	7.60	129,900	37,300	7.28	271,500
Cherokee	19,900	7.11	141,500	15,500	7.79	120,800	35,400	7.41	262,300
Clay	13,000	7.21	93,700	9,400	7.69	72,300	22,400	7.41	166,000
Dickinson	6,700	7.40	49,600	5,800	7.21	41,800	12,500	7.31	91,400
Emmet	7,700	7.51	57,800	5,400	7.80	42,100	13,100	7.63	99,900
Lyon	18,700	7.21	134,800	14,000	7.19	100,700	32,700	7.20	235,500
O'Brien	18,000	7.01	126,200	13,900	7.59	105,500	31,900	7.26	231,700
Osceola	10,000	7.21	72,100	7,800	7.21	56,200	17,800	7.21	128,300
Palto Alto	12,600	7.31	92,100	9,000	7.79	70,100	21,600	7.51	162,200
Plymouth	40,700	6.92	281,500	29,500	7.19	212,200	70,200	7.03	493,700
Pocahontas	14,700	7.50	110,300	10,800	7.29	78,700	25,500	7.41	189,000
Sioux	33,200	7.50	249,000	25,700	7.79	200,300	58,900	7.63	449,300
Northwest Dist.	215,400	7.20	1,550,200	163,900	7.51	1,230,600	379,300	7.33	2,780,800
Butler	20,400	7.40	151,000	15,900	7.19	114,400	36,300	7.31	265,400
Cerro Gordo	20,700	7.11	147,200	12,900	7.69	99,200	33,600	7.33	246,400
Floyd	10,900	7.31	79,700	9,300	7.69	71,500	20,200	7.49	151,200
Franklin	20,100	7.01	141,000	14,800	7.39	109,400	34,900	7.17	250,400
Hancock	19,200	7.50	144,000	11,900	7.09	84,400	31,100	7.34	228,400
Humboldt	10,200	7.40	75,500	6,400	7.70	49,300	16,600	7.52	124,800
Kossuth	28,800	7.40	213,200	18,300	7.40	135,400	47,100	7.40	348,600
Mitchell	13,700	7.40	101,400	9,800	7.59	74,400	23,500	7.48	175,800
Winnebago	12,700	7.01	89,000	10,100	7.09	71,600	22,800	7.04	160,600
Worth	10,700	7.21	77,100	8,300	7.10	58,900	19,000	7.16	136,000
Wright	17,100	7.50	128,300	10,900	7.59	82,700	28,000	7.54	211,000
North Cent. Dist.	184,500	7.30	1,347,400	128,600	7.40	951,200	313,100	7.34	2,298,600
Allamakee	16,100	7.40	119,200	12,700	7.19	91,300	28,800	7.31	210,500
Black Hawk	14,200	7.01	99,600	10,600	7.49	79,400	24,800	7.22	179,000
Bremer	12,800	7.02	89,800	10,500	7.59	79,700	23,300	7.27	169,500
Buchanan	19,000	7.41	140,700	16,600	7.30	121,100	35,600	7.35	261,800
Chickasaw	12,800	7.59	97,200	10,700	7.59	81,200	23,500	7.59	178,400
Clayton	28,500	7.01	199,900	21,700	7.00	151,800	50,200	7.01	351,700
Delaware	35,800	7.30	261,500	30,000	7.39	221,800	65,800	7.34	483,300
Dubuque	28,400	7.50	213,000	19,700	7.10	139,800	48,100	7.33	352,800
Fayette	20,900	7.60	158,800	17,200	7.59	130,600	38,100	7.60	289,400
Howard	10,200	7.60	77,500	9,600	7.59	72,900	19,800	7.60	150,400
Winneshek	25,500	7.21	183,800	20,100	7.09	142,600	45,600	7.16	326,400
Northeast Dist.	224,200	7.32	1,641,000	179,400	7.31	1,312,200	403,600	7.32	2,953,200
Audubon	16,600	7.40	122,900	12,700	7.09	90,100	29,300	7.27	213,000
Calhoun	11,300	6.91	78,100	10,100	7.09	71,600	21,400	7.00	149,700
Carroll	25,900	7.21	186,800	20,400	7.20	146,800	46,300	7.21	333,600
Crawford	27,400	7.11	194,900	20,200	7.70	155,500	47,600	7.36	350,400
Greene	11,200	7.30	81,800	8,800	7.59	66,800	20,000	7.43	148,600
Guthrie	14,000	7.50	105,000	11,100	7.69	85,400	25,100	7.59	190,400
Harrison	11,300	7.41	83,700	8,700	7.29	63,400	20,000	7.36	147,100
Ida	16,800	7.30	122,700	12,600	7.60	95,700	29,400	7.43	218,400
Monona	12,600	6.92	87,200	7,600	7.68	58,400	20,200	7.21	145,600
Sac	21,300	7.40	157,700	17,300	7.50	129,700	38,600	7.45	287,400
Shelby	23,700	7.40	175,400	16,600	7.69	127,700	40,300	7.52	303,100
Woodbury	22,400	6.92	154,900	16,000	7.09	113,500	38,400	6.99	268,400
West Cent. Dist.	214,500	7.23	1,551,100	162,100	7.43	1,204,600	376,600	7.32	2,755,700
Boone	11,900	7.21	85,800	8,800	7.49	65,900	20,700	7.33	151,700
Dallas	14,600	6.92	101,000	10,500	7.29	76,500	25,100	7.07	177,500
Grundy	18,000	7.41	133,300	14,200	7.80	110,700	32,200	7.58	244,000
Hamilton	16,200	7.21	116,800	11,500	7.79	89,600	27,700	7.45	206,400
Hardin	19,700	7.50	147,800	19,100	7.60	145,200	38,800	7.55	293,000
Jasper	22,000	7.21	158,600	19,400	7.29	141,500	41,400	7.25	300,100

Table 1. -- Pig Crop: Number of sows farrowing, pigs per litter and pig crop -- by counties, Iowa, 1967

County and District	December-May			June-November			Annual		
	Sows Farrowed	Pigs per Litter	Pig Crop	Sows Farrowed	Pigs per Litter	Pig Crop	Sows Farrowed	Pigs per Litter	Pig Crop
	Number of Head			Number of Head			Number of Head		
Marshall	16,000	7.01	112,200	12,000	7.59	91,100	28,000	7.26	203,300
Polk	7,800	6.92	54,000	4,800	7.29	35,000	12,600	7.06	89,000
Poweshiek	17,300	7.11	123,000	16,300	7.69	125,400	33,600	7.39	248,400
Story	12,400	7.50	93,000	10,500	7.79	81,800	22,900	7.63	174,800
Tama	22,300	6.91	154,200	17,800	7.70	137,000	40,100	7.26	291,200
Webster	<u>10,700</u>	<u>7.30</u>	<u>78,100</u>	<u>8,100</u>	<u>7.79</u>	<u>63,100</u>	<u>18,800</u>	<u>7.51</u>	<u>141,200</u>
Central Dist.	188,900	7.19	1,357,800	153,000	7.60	1,162,800	341,900	7.37	2,520,600
Benton	27,600	7.30	201,600	28,300	7.29	206,300	55,900	7.30	407,900
Cedar	30,600	6.92	211,800	27,900	7.09	197,900	58,500	7.00	409,700
Clinton	27,200	7.01	190,700	22,100	6.90	152,400	49,300	6.96	343,100
Iowa	25,300	6.91	174,900	21,900	6.89	151,000	47,200	6.90	325,900
Jackson	19,100	7.40	141,400	16,100	7.29	117,400	35,200	7.35	258,800
Johnson	27,200	7.11	193,500	26,300	6.99	183,900	53,500	7.05	377,400
Jones	26,100	6.82	178,000	23,400	7.20	168,400	49,500	7.00	346,400
Linn	19,500	7.21	140,600	15,500	7.09	109,900	35,000	7.16	250,500
Muscatine	14,000	7.40	103,600	14,200	6.89	97,900	28,200	7.15	201,500
Scott	<u>19,300</u>	<u>6.82</u>	<u>131,600</u>	<u>17,900</u>	<u>6.99</u>	<u>125,200</u>	<u>37,200</u>	<u>6.90</u>	<u>256,800</u>
East Cent. Dist.	235,900	7.07	1,667,700	213,600	7.07	1,510,300	449,500	7.07	3,178,000
Adair	18,100	7.01	126,900	14,400	7.19	103,600	32,500	7.09	230,500
Adams	10,900	7.50	81,700	10,000	6.89	68,900	20,900	7.21	150,600
Cass	16,600	7.50	124,500	12,600	7.19	90,600	29,200	7.37	215,100
Fremont	6,300	7.02	44,200	4,200	6.90	29,000	10,500	6.97	73,200
Mill	9,100	7.51	68,300	6,200	7.31	45,300	15,300	7.42	113,600
Montgomery	14,800	7.30	108,100	12,200	7.30	89,000	27,000	7.30	197,100
Page	17,700	7.21	127,600	13,800	7.09	97,900	31,500	7.16	225,500
Pottawattamie	25,300	7.51	189,900	16,600	7.20	119,500	41,900	7.38	309,400
Taylor	<u>12,600</u>	<u>7.40</u>	<u>93,300</u>	<u>11,500</u>	<u>7.30</u>	<u>83,900</u>	<u>24,100</u>	<u>7.35</u>	<u>177,200</u>
Southwest Dist.	131,400	7.34	964,500	101,500	7.17	727,700	232,900	7.27	1,692,200
Appanoose	5,200	7.40	38,500	4,100	7.20	29,500	9,300	7.31	68,000
Clarke	8,200	6.82	55,900	5,800	7.71	44,700	14,000	7.19	100,600
Decatur	6,200	6.92	42,900	5,900	7.41	43,700	12,100	7.16	86,600
Lucas	8,400	7.01	58,900	7,200	7.69	55,400	15,600	7.33	114,300
Madison	15,000	7.40	111,000	11,300	7.09	80,100	26,300	7.27	191,100
Marion	13,100	7.21	94,400	16,400	7.69	126,100	29,500	7.47	220,500
Monroe	6,600	7.41	48,900	5,300	7.09	37,600	11,900	7.27	86,500
Ringgold	9,200	7.01	64,500	7,800	7.59	59,200	17,000	7.28	123,700
Union	8,500	7.31	62,100	6,900	7.30	50,400	15,400	7.31	112,500
Warren	11,600	7.50	87,000	10,000	7.48	74,800	21,600	7.49	161,800
Wayne	<u>6,800</u>	<u>6.72</u>	<u>45,700</u>	<u>6,300</u>	<u>7.40</u>	<u>46,600</u>	<u>13,100</u>	<u>7.05</u>	<u>92,300</u>
South Cent. Dist.	98,800	7.18	709,800	87,000	7.45	648,100	185,800	7.31	1,357,900
Davis	7,400	7.39	54,700	6,200	7.40	45,900	13,600	7.40	100,600
Des Moines	7,500	7.51	56,300	7,700	7.19	55,400	15,200	7.35	111,700
Henry	13,600	7.01	95,400	12,500	7.19	89,900	26,100	7.10	185,300
Jefferson	9,400	6.91	65,000	9,400	6.89	64,800	18,800	6.90	129,800
Keokuk	22,100	7.21	159,300	21,900	6.89	151,000	44,000	7.05	310,300
Lee	9,900	7.49	74,200	9,600	7.39	70,900	19,500	7.44	145,100
Louisa	11,700	7.31	85,500	10,200	7.29	74,400	21,900	7.30	159,900
Mahaska	23,200	7.01	162,700	22,000	7.10	156,100	45,200	7.05	318,800
Van Buren	7,100	6.92	49,100	6,600	7.11	46,900	13,700	7.01	96,000
Wapello	7,100	7.51	53,300	7,500	7.00	52,500	14,600	7.25	105,800
Washington	<u>28,400</u>	<u>7.50</u>	<u>213,000</u>	<u>29,300</u>	<u>7.09</u>	<u>207,700</u>	<u>57,700</u>	<u>7.29</u>	<u>420,700</u>
Southeast Dist.	147,400	7.25	1,068,500	142,900	7.11	1,015,500	290,300	7.18	2,084,000
State	1,641,000	7.23	11,858,000	1,332,000	7.33	9,763,000	2,973,000	7.27	21,621,000

Table 2. -- Pig Crop - December-May: Number of sows farrowing, pigs per litter and pig crop -- Iowa, by Crop Reporting Districts, 1966, 1967 and 1968

District	Sows Farrowing			Pigs per Litter			Pig Crop		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
	Number of Head			Number of Head			Number of Head		
Northwest	205,200	215,400	212,100	7.38	7.20	7.44	1,515,100	1,550,200	1,578,800
North Central	176,700	184,500	170,500	7.37	7.30	7.38	1,301,600	1,347,400	1,258,900
Northeast	206,900	224,200	212,200	7.35	7.32	7.43	1,521,600	1,641,000	1,577,400
West Central	201,200	214,500	204,200	7.29	7.23	7.53	1,466,100	1,551,100	1,538,400
Central	183,900	188,900	175,200	7.43	7.19	7.48	1,366,200	1,357,800	1,311,100
East Central	222,400	235,900	219,000	7.33	7.07	7.30	1,630,300	1,667,700	1,599,500
Southwest	121,600	131,400	123,600	7.18	7.34	7.45	872,800	964,500	921,200
South Central	92,500	98,800	90,000	7.30	7.18	7.28	674,900	709,800	655,500
Southeast	140,600	147,400	137,200	7.41	7.25	7.60	1,042,400	1,068,500	1,043,200
State	1,551,000	1,641,000	1,544,000	7.34	7.23	7.44	11,391,000	11,858,000	11,484,000

Table 3. -- Pig Crop - June-November: Number of sows farrowing, pigs per litter and pig crop -- Iowa, by Crop Reporting Districts, 1966, 1967 and 1968.

District	Sows Farrowing			Pigs per Litter			Pig Crop		
	1966	1967	1968 ^{1/}	1966	1967	1968	1966	1967	1968 ^{2/}
	Number of Head			Number of Head			Number of Head		
Northwest	156,300	163,900	----	7.11	7.51	----	1,111,800	1,230,600	----
North Central	139,700	128,600	----	7.38	7.40	----	1,031,300	951,200	----
Northeast	182,200	179,400	----	7.26	7.31	----	1,322,200	1,312,200	----
West Central	161,100	162,100	----	7.24	7.43	----	1,165,700	1,204,600	----
Central	155,100	153,000	----	7.18	7.60	----	1,114,000	1,162,800	----
East Central	213,400	213,600	----	7.15	7.07	----	1,526,900	1,510,300	----
Southwest	102,800	101,500	----	7.19	7.17	----	739,200	727,700	----
South Central	90,100	87,000	----	7.22	7.45	----	650,900	648,100	----
Southeast	146,300	142,900	----	7.26	7.11	----	1,062,000	1,015,500	----
State	1,347,000	1,332,000	1,372,000	7.22	7.33	7.22	9,724,000	9,763,000	9,900,000

^{1/} As indicated by breeding intentions as of June 1, 1968.^{2/} Average number of pigs per litter with allowance for trend used to compute indicated number of fall pigs. Number rounded to nearest 100,000 head.

Table 4. -- Annual Pig Crop: Number of sows farrowing, pigs per litter and pig crop -- Iowa, by Crop Reporting Districts, 1966, 1967 and 1968.

District	Sows Farrowing			Pigs per Litter			Pig Crop		
	1966	1967	1968	1966	1967	1968	1966	1967	1968 ^{3/}
	Number of Head			Number of Head			Number of Head		
Northwest	361,500	379,300	----	7.27	7.33	----	2,626,900	2,780,800	----
North Central	316,400	313,100	----	7.37	7.34	----	2,332,900	2,298,600	----
Northeast	389,100	403,600	----	7.31	7.32	----	2,843,800	2,953,200	----
West Central	362,300	376,600	----	7.26	7.32	----	2,631,800	2,755,700	----
Central	339,000	341,900	----	7.32	7.37	----	2,480,200	2,520,600	----
East Central	435,800	449,500	----	7.24	7.07	----	3,157,200	3,178,000	----
Southwest	224,400	232,900	----	7.18	7.27	----	1,612,000	1,692,200	----
South Central	182,600	185,800	----	7.26	7.31	----	1,325,800	1,357,900	----
Southeast	286,900	290,300	----	7.33	7.18	----	2,104,400	2,084,000	----
State	2,898,000	2,973,000	2,916,000	7.29	7.27	7.33	21,115,000	21,621,000	21,384,000

^{3/} Sum of farrowings, December through May and intended farrowings, June through November and average pigs per litter with allowance for trend.

Table 5. -- Sows Farrowed by Months -- Iowa, 1951 to Date

Year	December-May							June-November							Total Year
	Prec. Dec.	Jan.	Feb.	Mar.	Apr.	May	Total	June	July	Aug.	Sept.	Oct.	Nov.	Total	
Thousand Head															
1951	15	31	159	630	921	453	2,209	197	81	217	343	147	25	1,010	3,219
1952	11	25	144	513	779	428	1,900	226	101	202	293	116	22	960	2,860
1953	14	39	166	498	673	358	1,748	188	96	231	245	92	22	874	2,622
1954	19	47	262	589	617	336	1,870	189	110	252	267	103	32	953	2,823
1955	30	100	280	550	671	370	2,001	182	145	254	291	127	40	1,039	3,040
1956	51	102	238	476	545	289	1,701	156	118	231	286	120	45	956	2,657
1957	47	95	214	451	506	269	1,582	170	119	210	276	137	54	966	2,548
1958	70	116	274	433	466	270	1,629	198	152	259	337	158	65	1,169	2,798
1959	107	155	275	469	495	275	1,776	235	162	249	327	151	68	1,192	2,968
1960	80	113	205	378	464	270	1,510	221	145	218	329	175	68	1,156	2,666
1961	94	130	219	381	494	283	1,601	238	154	216	323	182	89	1,202	2,803
1962	89	136	231	395	450	284	1,585	239	152	243	353	181	82	1,250	2,835
1963	98	144	223	364	505	305	1,639	242	183	228	338	181	85	1,257	2,896
1964	96	144	197	342	478	319	1,576	280	166	220	322	182	82	1,252	2,828
1965	111	133	184	349	424	286	1,487	247	143	183	305	158	82	1,118	2,605
1966	107	133	188	359	449	315	1,551	263	201	229	366	196	92	1,347	2,898
1967	115	139	208	377	472	330	1,641	259	173	233	354	213	100	1,332	2,973
1968 ^{1/}							1,544							1,372	2,916

^{1/} Monthly estimates discontinued.

Table 6. -- Pig Crops: December and May, June and November, Total and December-May as a Percent of Total, Iowa, 1946 to Date

Year	Pig Crop				Year	Pig Crop			
	Dec. - May	June - Nov.	Total	Dec. - May percent of total		Dec. - May	June - Nov.	Total	Dec. - May percent of total
Thousand Head					Thousand Head				
1946	11,515	4,059	15,574	74	1958	11,778	8,499	20,277	58
1947	11,904	4,044	15,948	75	1959	12,752	8,320	21,072	61
1948	11,089	5,023	16,112	69	1960	10,691	8,023	18,714	57
1949	13,146	5,538	18,684	70	1961	11,623	8,582	20,205	58
1950	13,742	6,564	20,306	68	1962	11,143	8,950	20,093	55
1951	14,557	6,747	21,304	68	1963	11,802	9,002	20,804	57
1952	12,939	6,499	19,438	67	1964	11,527	8,962	20,489	56
1953	12,219	5,847	18,066	68	1965	10,709	8,072	18,781	57
1954	13,146	6,519	19,665	67	1966	11,391	9,724	21,115	55
1955	14,147	7,179	21,326	66	1967	11,858	9,763	21,621	55
1956	12,281	6,835	19,116	64	1968	11,484	^{1/} 9,900	21,384	54
1957	11,738	7,081	18,819	62					

^{1/} Based on fall sow intentions reported as of June 1, 1968 and average number of pigs per litter with allowance for trend. Rounded to nearest 100,000 head.

Table 7. -- Ten leading states in pig crop numbers, 1966 and 1967 (Order of rank - 1967)

State	Sows farrowing		Pig crop		State	Sows farrowing		Pig crop	
	1966	1967	1966	1967		1966	1967	1966	1967
Thousand Head					Thousand Head				
1. IOWA	2,898	2,973	21,115	21,621	6. Nebraska	612	647	4,502	4,807
2. Illinois	1,580	1,614	11,354	11,826	7. Ohio	527	528	3,892	3,903
3. Missouri	915	982	6,588	7,242	8. Wisconsin	458	438	3,424	3,267
4. Indiana	909	892	6,741	6,696	9. S. Dakota	383	402	2,782	2,927
5. Minnesota	731	729	5,405	5,509	10. N. Carolina	296	345	2,205	2,622

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