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# Hogs and Pigs



Agricultural  
Statistics  
Board

National Agricultural  
Statistics Service

United States  
Department of  
Agriculture

Washington, D.C. 20250

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## INVENTORY UP 3 PERCENT

Inventory of all hogs and pigs on March 1, 1987, in the 10 States conducting quarterly hog surveys is estimated at 39.2 million head, according to the Agricultural Statistics Board. This is 3 percent above last March 1 but 1 percent below March 1, 1985.

- Breeding inventory, at 5.23 million head, is 6 percent more than last year and slightly above March 1, 1985.
- Market hog inventory, at 34.0 million head, is 2 percent above a year earlier but 1 percent below two years ago.

## PIG CROP

The December 1986-February 1987 pig crop was 15.2 million head, 6 percent above the corresponding period last year and 3 percent above two years ago. There were 1.96 million sows that farrowed during the quarter, an increase of 5 percent from last year and slightly above two years ago.

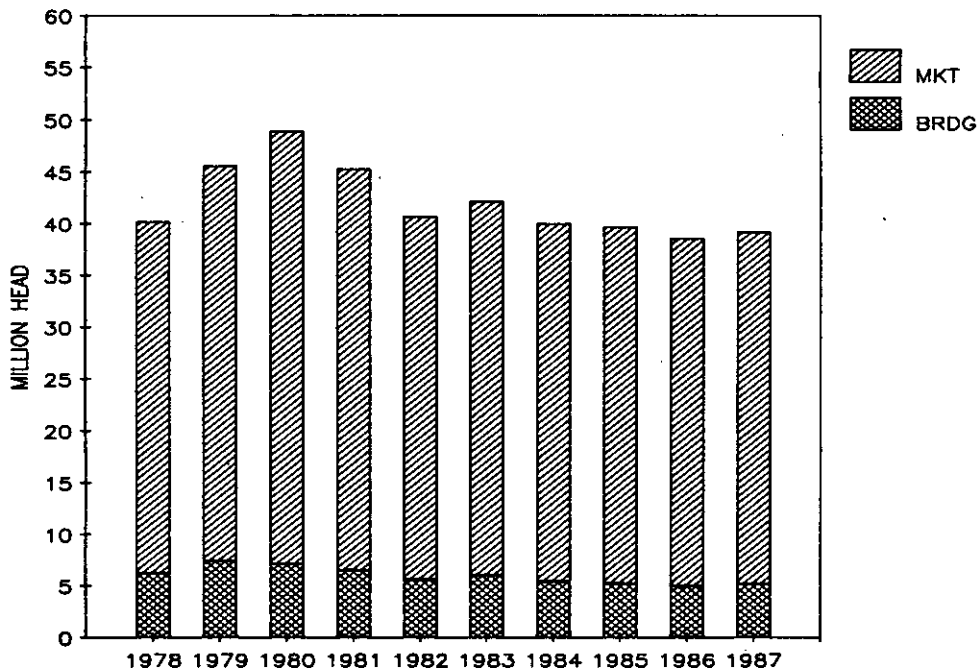
Sows farrowing averaged 7.74 pigs per litter compared with 7.65 last year and 7.51 two years ago. The litter rate is the highest of record for a December-February quarter.

## FARROWING INTENTIONS

Hog producers in the 10 quarterly States intend to have 2.31 million sows farrow during March-May of this year. If these intentions are realized, farrowings would total 7 percent more than the actual number for the comparable period of 1986 but 5 percent less than the 1985 quarter. Farrowing intentions for June-August are 2.20 million head, 8 percent above actual farrowings for the same period last year and slightly above two years ago.

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\* \* \* \* \*  
\* The next issue of this report will be published June 30, 1987 \*  
\* \* \* \* \*  
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## MARCH 1 HOGS AND PIGS INVENTORY 10 MAJOR PRODUCING STATES



**RELIABILITY AND ESTIMATING PROCEDURES:** Primary data used in setting these hog estimates were obtained from a sample of approximately 28,000 farmers across the 10 States using probability surveys. Information was collected by mail, telephone, and personal interviews. Since all operations raising hogs were not included in the sample, survey estimates are subject to sampling variability. This variability, as measured by the relative standard error, is about two percent at the 10 State level for hog inventory. This means that chances are approximately 95 out of 100 that survey estimates will be within four percent of the complete coverage value if the same procedures were used to survey all producers. Survey estimates are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording and processing the data. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

The sampling variability of survey estimates on intended farrowings is slightly larger than that for inventories. More important, actual farrowings may differ significantly from reported intentions due to unexpected economic and environmental conditions. For March-May second intentions these differences have exceeded four percent in two of the last ten years. For June-August first intentions as of March 1, these differences have exceeded five percent in four of the past ten years.

In setting the inventory estimates, the Agricultural Statistics Board constructed a balance sheet using estimates on births, deaths and check data on slaughter. This balance sheet provided an additional check on survey inventory estimates.

A P P R O V E D:

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HOGS AND PIGS: INVENTORY NUMBER, SOWS FARROWING AND PIG CROP  
1985-87, 10 STATES 1/

ITEM	1985	1986	1987	1987 AS % OF	
				1985	1986
		1000 HEAD		PERCENT	
MARCH 1 INVENTORY					
ALL HOGS AND PIGS	39680	38210	39235	99	103
KEPT FOR BREEDING	5220	4948	5230	100	106
MARKET	34460	33262	34005	99	102
MARKET HOGS AND PIGS					
BY WEIGHT GROUPS:					
UNDER 60 POUNDS	12701	12350	12931	102	105
60-119 POUNDS	8427	8046	8144	97	101
120-179 POUNDS	7580	7276	7302	96	100
180 POUNDS AND OVER	5752	5590	5628	98	101
SOWS FARROWING:					
DECEMBER 2/-FEBRUARY	1955	1863	1957	100	105
MARCH-MAY	2420	2161	2305	95	107
DECEMBER 2/-MAY	4375	4024	4262	97	106
JUNE-AUGUST	2191	2034	2200	100	108
SEPTEMBER-NOVEMBER	2265	2150			
JUNE-NOVEMBER	4456	4184			
PIG CROP:					
DECEMBER 2/-FEBRUARY	14690	14254	15156	103	106
MARCH-MAY	18762	16878			
DECEMBER 2/-MAY	33452	31132			
JUNE-AUGUST	16941	15853			
SEPTEMBER-NOVEMBER	17255	16729			
JUNE-NOVEMBER	34196	32582			
PIGS PER LITTER:		NUMBER			
DECEMBER 2/-FEBRUARY	7.51	7.65	7.74	103	101
MARCH-MAY	7.75	7.81			
DECEMBER 2/-MAY	7.65	7.74			
JUNE-AUGUST	7.73	7.79			
SEPTEMBER-NOVEMBER	7.62	7.78			
JUNE-NOVEMBER	7.67	7.79			

1/ GEORGIA, ILLINOIS, INDIANA, IOWA, KANSAS, MINNESOTA, MISSOURI NEBRASKA,  
NORTH CAROLINA, OHIO 2/ DECEMBER PRECEDING YEAR 3/ INTENTIONS.  
4/ INTENTIONS FOR MARCH-MAY.

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,  
MARCH 1, 1986-87, 10 STATES

STATE	BREEDING			MARKET			TOTAL		
	1987			1987			1987		
	1986	:AS % OF:	1986	:AS % OF:	1986	:AS % OF:	1986	:AS % OF:	1986
	NUMBER:	1986	NUMBER:	1986	NUMBER:	1986	NUMBER:	1986	
	1000 HEAD	PERCENT	1000 HEAD	PERCENT	1000 HEAD	PERCENT	1000 HEAD	PERCENT	
GA	145	155	107	910	970	107	1055	1125	107
ILL	635	665	105	4065	4335	107	4700	5000	106
IND	520	510	98	3430	3490	102	3950	4000	101
IOWA	1575	1730	110	11025	10870	99	12600	12600	100
KANS	178	165	93	1292	1225	95	1470	1390	95
MINN	490	530	108	3410	3570	105	3900	4100	105
MO	410	430	105	2390	2370	99	2800	2800	100
NEBR	480	500	104	3170	3400	107	3650	3900	107
N C	280	295	105	1945	2105	108	2225	2400	108
OHIO	235	250	106	1625	1670	103	1860	1920	103
TOTAL									
10 STS.	4948	5230	106	33262	34005	102	38210	39235	103

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,  
MARCH 1, 1986-87, 10 STATES

STATE	UNDER		60-119		120-179		180 LBS	
	60 LBS.		LBS.		LBS.		AND OVER	
	1986	1987	1986	1987	1986	1987	1986	1987
	1000 HEAD							
GA	365	400	249	260	187	200	109	110
ILL	1430	1620	990	1045	920	940	725	730
IND	1300	1260	860	875	725	765	545	590
IOWA	3925	3980	2570	2475	2530	2465	2000	1950
KANS	495	471	317	294	284	272	196	188
MINN	1315	1430	840	870	690	690	565	580
MO	920	960	580	580	530	470	360	360
NEBR	1230	1350	810	850	660	700	470	500
N C	770	835	470	510	385	420	320	340
OHIO	600	625	360	385	365	380	300	280
TOTAL								
10 STS.	12350	12931	8046	8144	7276	7302	5590	5628

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,  
DECEMBER 1, 1985-86, 10 STATES 1/

STATE	BREEDING			MARKET			TOTAL		
	1986			1986			1986		
	1985	:AS % OF:		1985	:AS % OF:		1985	:AS % OF:	
	NUMBER:	1985		NUMBER:	1985		NUMBER:	1985	
	1000 HEAD	PERCENT	1000 HEAD	PERCENT	1000 HEAD	PERCENT	1000 HEAD	PERCENT	
GA	165	155	94	985	945	96	1150	1100	96
ILL	685	670	98	4715	4430	94	5400	5100	94
IND	560	540	96	3590	3610	101	4150	4150	100
IOWA	1650	1585	96	11850	11015	93	13500	12600	93
KANS	188	180	96	1332	1270	95	1520	1450	95
MINN	525	535	102	3575	3725	104	4100	4260	104
MO	430	420	98	2620	2480	95	3050	2900	95
NEBR	470	490	104	3430	3460	101	3900	3950	101
N C	310	300	97	2040	2060	101	2350	2360	100
OHIO	275	280	102	1705	1720	101	1980	2000	101
TOTAL 10 STS.	5258	5155	98	35842	34715	97	41100	39870	97
U S	6783	6717	99	45530	44444	98	52313	51160	98

1/ INVENTORY REVISIONS FOR DECEMBER 1, 1986 WERE MADE ONLY IN THE 10 QUARTERLY ESTIMATING STATES. THESE REVISIONS ARE INCLUDED IN THE U S TOTALS.

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,  
DECEMBER 1, 1985-86, 10 STATES 1/

STATE	UNDER		60-119		120-179		180 LBS	
	60 LBS.		LBS.		LBS.		AND OVER	
	1985	1986	1985	1986	1985	1986	1985	1986
	1000 HEAD							
GA	420	410	265	250	190	175	110	110
ILL	1705	1595	1200	1100	997	920	813	815
IND	1285	1250	980	1010	770	775	555	575
IOWA	4340	4275	3200	2810	2460	2235	1850	1695
KANS	506	476	340	305	280	286	206	203
MINN	1380	1400	890	960	805	795	500	570
MO	1130	1015	660	600	470	475	360	390
NEBR	1370	1365	820	865	660	700	580	530
N C	800	810	475	490	415	410	350	350
OHIO	705	660	410	440	320	330	270	290
TOTAL 10 STS.	13641	13256	9240	8830	7367	7101	5594	5528
U S	17301	16966	11700	11243	9320	9076	7210	7158

1/ INVENTORY REVISIONS FOR DECEMBER 1, 1986 WERE MADE ONLY IN THE 10 QUARTERLY ESTIMATING STATES. THESE REVISIONS ARE INCLUDED IN THE U S TOTALS.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
SEPTEMBER-NOVEMBER 1985-86, 10 STATES

STATE	SOWS FARROWING			PIGS PER LITTER		PIG CROP 1/		
	1986			1985		1986		
	1985	:AS % OF:		1985	1986	1985	:AS % OF	
	NUMBER	1985	1985	1986		NUMBER	1985	
	1000 HEAD	PERCENT	NUMBER		1000 HEAD	PERCENT		
GA	63	60	95	7.30	7.65	460	459	100
ILL	325	290	89	7.40	7.50	2405	2175	90
IND	205	200	98	7.80	7.80	1599	1560	98
IOWA	730	700	96	7.45	7.75	5439	5425	100
KANS	82	75	91	7.60	7.75	623	581	93
MINN	220	220	100	7.90	8.05	1738	1771	102
MO	200	175	88	7.40	7.60	1480	1330	90
NEBR	215	210	98	7.90	7.90	1699	1659	98
N C	120	120	100	8.10	8.20	972	984	101
OHIO	105	100	95	8.00	7.85	840	785	93
TOTAL								
10 STS.:	2265	2150	95	7.62	7.78	17255	16729	97

1/ NUMBER OF PIGS BORN SEPTEMBER THROUGH NOVEMBER, THAT WERE ON HAND DECEMBER 1, OR HAD BEEN SOLD.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
DECEMBER 1/-FEBRUARY 1986-87, 10 STATES

STATE	SOWS FARROWING			PIGS PER LITTER		PIG CROP 2/		
	1987			1986		1987		
	1986	:AS % OF:		1986	1987	1986	:AS % OF	
	NUMBER	1986	1986	1987		NUMBER	1986	
	1000 HEAD	PERCENT	NUMBER		1000 HEAD	PERCENT		
GA	52	57	110	7.45	7.30	387	416	107
ILL	230	245	107	7.40	7.70	1702	1887	111
IND	200	205	103	7.70	7.65	1540	1568	102
IOWA	590	605	103	7.60	7.85	4484	4749	106
KANS	76	70	92	7.50	7.70	570	539	95
MINN	195	210	108	7.85	7.95	1531	1670	109
MO	140	150	107	7.50	7.50	1050	1125	107
NEBR	175	190	109	7.80	7.90	1365	1501	110
N C	115	125	109	7.95	7.85	914	981	107
OHIO	90	100	111	7.90	7.20	711	720	101
TOTAL								
10 STS.:	1863	1957	105	7.65	7.74	14254	15156	106

1/ DECEMBER PRECEDING YEAR.

2/ NUMBER OF PIGS BORN DECEMBER THROUGH FEBRUARY, THAT WERE ON HAND MARCH 1, OR HAD BEEN SOLD.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
MARCH-MAY 1985-87, 10 STATES

STATE	SOWS FARROWING			PIGS PER LITTER			PIG CROP 1/		
	1985	1986	1987 2/	1985	1986	1987	1985	1986	1987
	: AS % OF :			: AS % OF :			: AS % OF :		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GA	70	56	60	107	7.40	7.60	518	426	82
ILL	380	300	315	105	7.50	7.40	2850	2220	78
IND	225	230	225	98	7.80	7.70	1755	1771	101
IOWA	810	690	790	114	7.75	7.90	6278	5451	87
KANS	90	80	70	88	7.50	7.90	675	632	94
MINN	225	220	235	107	8.05	8.05	1811	1771	98
MO	200	180	180	100	7.70	7.75	1540	1395	91
NEBR	195	195	200	103	7.90	7.90	1541	1541	100
N C	125	120	130	108	7.95	8.00	994	960	97
OHIO	100	90	100	111	8.00	7.90	800	711	89
TOTAL									
10 STS.	2420	2161	2305	107	7.75	7.81	18762	16878	90

1/ NUMBER OF PIGS BORN MARCH THROUGH MAY, THAT WERE ON HAND JUNE 1, OR HAD BEEN SOLD. 2/ INTENTIONS.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
JUNE-AUGUST 1985-87, 10 STATES

STATE	SOWS FARROWING			PIGS PER LITTER			PIG CROP 1/		
	1985	1986	1987 2/	1985	1986	1987	1985	1986	1987
	: AS % OF :			: AS % OF :			: AS % OF :		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GA	66	52	60	115	7.30	7.40	482	385	80
ILL	310	285	315	111	7.50	7.60	2325	2166	93
IND	225	230	230	100	7.60	7.60	1710	1748	102
IOWA	700	640	695	109	7.80	7.85	5460	5024	92
KANS	77	72	70	97	7.65	7.55	589	544	92
MINN	230	210	230	110	8.00	8.05	1840	1691	92
MO	175	145	170	117	7.55	7.70	1321	1117	85
NEBR	175	185	200	108	7.70	7.90	1348	1462	108
N C	125	120	125	104	8.10	8.20	1013	984	97
OHIO	108	95	105	111	7.90	7.70	853	732	86
TOTAL									
10 STS.	2191	2034	2200	108	7.73	7.79	16941	15853	94

1/ NUMBER OF PIGS BORN JUNE THROUGH AUGUST, THAT WERE ON HAND SEPTEMBER 1, OR HAD BEEN SOLD. 2/ INTENTIONS.

