

# HOGS AND PIGS



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## INVENTORY UP 10 PERCENT

Inventory of all hogs and pigs on September 1, 1983, in the 10 States conducting quarterly hog surveys is estimated at 45.9 million head, 10 percent above last September 1 but 3 percent less than September 1, 1981 according to the Crop Reporting Board.

- Breeding inventory, at 5.83 million head, was 5 percent more than a year ago, but 8 percent below two years earlier.
- Market hog inventory, at 40.1 million head, was 11 percent above last year, but 2 percent less than in 1981.

## PIG CROP

The June-August 1983 pig crop was 17.7 million head, 9 percent above last year but 3 percent below two years ago. There were 2.40 million sows that farrowed during June-August, an increase of 9 percent from a year ago, but 2 percent below the same period two years ago.

Sows farrowing averaged 7.36 pigs per litter compared with 7.39 last year and 7.37 two years ago.

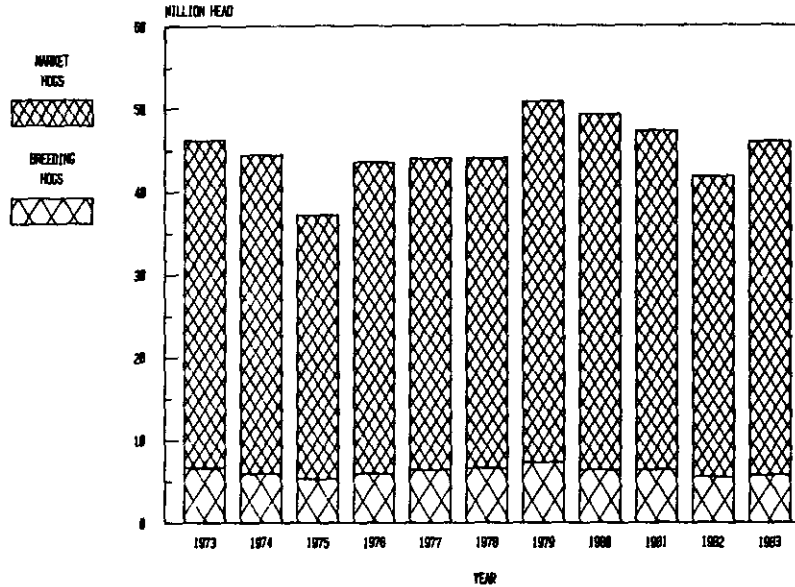
## FARROWING INTENTIONS

Hog producers in the 10 Quarterly States intend to farrow 2.46 million sows during September-November of this year. This is 4 percent more than during the comparable period in 1982, and 2 percent more than two years ago.

Farrowing intentions for December 1983-February 1984 quarter are 2.07 million head, 1 percent below the same period a year earlier but 5 percent above two years earlier.

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SEPTEMBER 1 HOGS AND PIGS INVENTORY  
10 MAJOR PRODUCING STATES



SEPTEMBER 1 HOG AND PIG INVENTORY  
TO MAJOR PRODUCING STATES

YEAR	BREEDING HOGS	MARKET HOGS	TOTAL 1/	YEAR	BREEDING HOGS	MARKET HOGS	TOTAL 1/
1973	6.6	39.5	46.1	1978	6.6	37.5	44.1
1974	6.0	38.5	44.5	1979	7.3	43.6	50.9
1975	5.3	31.8	37.1	1980	6.5	42.7	49.2
1976	6.0	37.5	43.6	1981	6.4	40.8	47.2
1977	6.4	37.5	43.9	1982	5.6	36.1	41.7
				1983	5.8	40.1	45.9

1/ 1976 DOES NOT ADD DUE TO ROUNDING.

**RELIABILITY AND ESTIMATING PROCEDURES:** Primary data used in setting these hog estimates were obtained from a sample of 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 and one-half 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 five 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 second intentions these differences have exceeded four percent for about one-third of the quarterly pig crops during the last nine years. For first intentions these differences have exceeded seven percent for about one-third of the quarterly pig crops during the past nine years.

In setting the inventory estimates, the Crop Reporting 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.

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HOGS AND PIGS: INVENTORY NUMBER, SOWS FARROWING AND PIG CROP  
1981-84, 10 STATES 1/

ITEM	1981	1982	1983	1984	1983 AS % OF		1984 AS
					1981	1982	PERCENT OF 1983
	1000 HEAD			PERCENT			
INVENTORY -SEPTEMBER 1							
ALL HOGS AND PIGS	47170	41670	45880		97		110
KEPT FOR BREEDING	6357	5553	5829		92		105
MARKET	40813	36117	40051		98		111
MARKET HOGS AND PIGS							
BY WEIGHT GROUPS:							
UNDER 60 POUNDS	16473	14562	15804		96		109
60-119 POUNDS	10268	9000	10169		99		113
120-179 POUNDS	8183	7277	8303		101		114
180 POUNDS AND OVER	5889	5278	5775		98		109
SOWS FARROWING:							
DECEMBER 2/-FEBRUARY	2192	1977	2090	3/ 2069	95		106 99
MARCH-MAY	2750	2391	2768		101		116
DECEMBER 2/-MAY	4942	4368	4858		98		111
JUNE-AUGUST	2461	2199	2400		98		109
SEPTEMBER-NOVEMBER	2418	2363	2464	3/	102		104
JUNE-NOVEMBER	4879	4562	4864	4/	100		107
PIG CROP:							
DECEMBER 2/-FEBRUARY	15863	14059	15543		98		111
MARCH-MAY	20741	17943	21063		102		117
DECEMBER 2/-MAY	36604	32002	36606		100		114
JUNE-AUGUST	18134	16254	17675		97		109
SEPTEMBER-NOVEMBER	17853	17548					
JUNE-NOVEMBER	35987	33802					
PIGS PER LITTER:							
	NUMBER						
DECEMBER 2/-FEBRUARY	7.24	7.11	7.44		103		105
MARCH-MAY	7.54	7.50	7.61		101		101
DECEMBER 2/-MAY	7.41	7.33	7.54		102		103
JUNE-AUGUST	7.37	7.39	7.36		100		100
SEPTEMBER-NOVEMBER	7.38	7.43					
JUNE-NOVEMBER	7.38	7.41					

1/ GEORGIA, ILLINOIS, INDIANA, IOWA, KANSAS, MINNESOTA, MISSOURI  
NEBRASKA, NORTH CAROLINA, OHIO.

2/ DECEMBER PRECEDING YEAR.

3/ INTENTIONS.

4/ ACTUAL FARROWINGS FOR JUNE-AUGUST PLUS INTENTIONS FOR SEPTEMBER-NOVEMBER.

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,  
SEPTEMBER 1, 1982-83, 10 STATES

STATE	BREEDING			MARKET			TOTAL		
	1982	1983	AS % OF NUMBER: 1982	1982	1983	AS % OF NUMBER: 1982	1982	1983	AS % OF NUMBER: 1982
	1000 HEAD	PERCENT		1000 HEAD	PERCENT		1000 HEAD	PERCENT	
GA	210	190	90	1170	1110	95	1380	1300	94
ILL	764	732	96	4936	5368	109	5700	6100	107
IND	557	610	110	3693	4190	113	4250	4800	113
IOWA	1825	1966	108	12775	13634	107	14600	15600	107
KANS	214	218	102	1426	1482	104	1640	1700	104
MINN	573	533	93	3377	3797	112	3950	4330	110
MO	450	525	117	2550	3175	125	3000	3700	123
NEBR	450	475	106	3000	3425	114	3450	3900	113
N C	270	310	115	1730	1990	115	2000	2300	115
OHIO	240	270	113	1460	1880	129	1700	2150	126
TOTAL									
10 STS.	5553	5829	105	36117	40051	111	41670	45880	110

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,  
SEPTEMBER 1, 1982-83, 10 STATES

STATE	UNDER 60 LBS.		60-119 LBS.		120-179 LBS.		180 LBS AND OVER	
	1982	1983	1982	1983	1982	1983	1982	1983
	1000 HEAD							
GA	538	494	289	294	205	200	138	122
ILL	1900	2013	1185	1331	1037	1127	814	897
IND	1460	1630	883	1065	830	910	520	585
IOWA	4919	5338	3334	3633	2644	2863	1878	1800
KANS	540	565	373	387	287	295	226	235
MINN	1520	1458	888	923	550	801	419	615
MO	1160	1381	573	756	459	587	358	451
NEBR	1200	1320	705	855	630	750	465	500
N C	725	835	420	475	345	400	240	280
OHIO	600	770	350	450	290	370	220	290
TOTAL								
10 STS.	14562	15804	9000	10169	7277	8303	5278	5775

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,  
JUNE 1, 1982-83 , 10 STATES

STATE	BREEDING			MARKET			TOTAL		
	1982	1983	AS % OF NUMBER: 1982	1982	1983	AS % OF NUMBER: 1982	1982	1983	AS % OF NUMBER: 1982
	1000 HEAD	PERCENT		1000 HEAD	PERCENT		1000 HEAD	PERCENT	
GA	215	211	98	1175	1189	101	1390	1400	101
ILL	780	810	104	4870	5190	107	5650	6000	106
IND	545	620	114	3555	3980	112	4100	4600	112
IOWA	1882	2070	110	12318	13130	107	14200	15200	107
KANS	209	230	110	1491	1470	99	1700	1700	100
MINN	578	598	103	3202	3872	121	3780	4470	118
MO	510	575	113	2690	3175	118	3200	3750	117
NEBR	475	535	113	3075	3465	113	3550	4000	113
N C	265	305	115	1655	1925	116	1920	2230	116
OHIO	230	270	117	1470	1630	111	1700	1900	112
TOTAL									
10 STS.	5689	6224	109	35501	39026	110	41190	45250	110

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,  
JUNE 1, 1982-83 , 10 STATES

STATE	UNDER 60 LBS.		60-119 LBS.		120-179 LBS.		180 LBS AND OVER	
	1982	1983	1982	1983	1982	1983	1982	1983
	1000 HEAD							
GA	502	530	315	324	218	224	140	111
ILL	1948	2257	1193	1225	925	929	804	779
IND	1308	1568	980	1075	747	764	520	573
IOWA	5374	6053	2913	3072	2231	2219	1800	1786
KANS	650	654	383	382	257	240	201	194
MINN	1304	1607	794	952	592	736	512	577
MO	1260	1581	646	695	460	502	324	397
NEBR	1270	1540	765	810	570	630	470	485
N C	695	835	410	450	325	350	225	290
OHIO	630	710	380	430	250	270	210	220
TOTAL								
10 STS.	14941	17335	8779	9415	6575	6864	5206	5412

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
MARCH-MAY 1982-83 , 10 STATES

STATE	SOWS FARROWING			PIGS PER LITTER		PIG CROP 1/		
	1982	1983	:AS % OF: NUMBER : 1982	1982	1983	1982	1983	:AS % OF NUMBER : 1982
	1000 HEAD	PERCENT		NUMBER		1000 HEAD	PERCENT	
GA	76	81	107	7.25	7.20	551	583	106
ILL	355	400	113	7.32	7.55	2599	3020	116
IND	205	240	117	7.40	7.70	1517	1848	122
IOWA	830	960	116	7.55	7.55	6267	7248	116
KANS	97	100	103	7.80	7.55	757	755	100
MINN	230	275	120	7.55	7.75	1737	2131	123
MO	200	245	123	7.45	7.70	1490	1887	127
NEBR	200	235	118	7.45	7.60	1490	1786	120
N C	105	125	119	7.80	7.85	819	981	120
OHIO	93	107	115	7.70	7.70	716	824	115
TOTAL								
10 STS.:	2391	2768	116	7.50	7.61	17943	21063	117

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

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
JUNE-AUGUST 1982-83 , 10 STATES

STATE	SOWS FARROWING			PIGS PER LITTER		PIG CROP 1/		
	1982	1983	:AS % OF: NUMBER : 1982	1982	1983	1982	1983	:AS % OF NUMBER : 1982
	1000 HEAD	PERCENT		NUMBER		1000 HEAD	PERCENT	
GA	77	72	94	7.10	7.10	547	511	93
ILL	330	340	103	7.10	7.05	2343	2397	102
IND	220	255	116	7.60	7.40	1672	1887	113
IOWA	680	760	112	7.30	7.30	4964	5548	112
KANS	80	84	105	7.40	7.50	592	630	106
MINN	250	230	92	7.60	7.70	1900	1771	93
MO	185	225	122	7.30	7.10	1350	1598	118
NEBR	175	190	109	7.50	7.60	1312	1444	110
N C	110	125	114	7.70	7.70	847	963	114
OHIO	92	119	129	7.90	7.78	727	926	127
TOTAL								
10 STS.:	2199	2400	109	7.39	7.36	16254	17675	109

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

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
SEPTEMBER-NOVEMBER 1981-83 , 10 STATES

STATE	SOWS FARROWING			:AS % OF: NUMBER	PIGS PER LITTER		PIG CROP 1/ 1982		
	1981	1982	1983 2/		1981	1982	1981	1982	AS % OF NUMBER
							1000 HEAD	PERCENT	
GA	69	72	70	97	7.10	7.10	490	511	104
ILL	350	330	330	100	7.20	7.25	2520	2393	95
IND	190	210	230	110	7.50	7.50	1425	1575	111
IOWA	840	790	840	106	7.45	7.35	6258	5807	93
KANS	94	94	94	100	7.60	7.60	714	714	100
MINN	230	225	220	98	7.50	7.50	1725	1688	98
MO	210	225	235	104	7.05	7.40	1481	1665	112
NEBR	230	205	210	102	7.40	7.60	1702	1558	92
N C	100	112	120	107	7.50	7.70	750	862	115
OHIO	105	100	115	115	7.50	7.75	788	775	98
TOTAL									
10 STS.	2418	2363	2464	104	7.38	7.43	17853	17548	98

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

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
DECEMBER 1/-FEBRUARY 1982-84 , 10 STATES

STATE	SOWS FARROWING			:AS % OF: NUMBER	PIGS PER LITTER		PIG CROP 2/ 1983		
	1982	1983	1984 3/		1982	1983	1982	1983	AS % OF NUMBER
							1000 HEAD	PERCENT	
GA	69	68	64	94	6.90	6.90	476	469	99
ILL	280	270	260	96	6.50	7.30	1820	1971	108
IND	205	240	235	98	7.20	7.50	1476	1800	122
IOWA	600	625	625	100	7.15	7.30	4290	4563	106
KANS	80	91	80	88	7.50	7.40	600	673	112
MINN	210	225	205	91	7.30	7.80	1533	1755	114
MO	160	180	200	111	6.80	7.20	1088	1296	119
NEBR	170	175	175	100	7.40	7.60	1258	1330	106
N C	105	118	120	102	7.55	7.85	793	926	117
OHIO	98	98	105	107	7.40	7.75	725	760	105
TOTAL									
10 STS.	1977	2090	2069	99	7.11	7.44	14059	15543	111

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

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