

HOGS AND PIGS



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- * Inventories
- * Pig Crop
- * Intentions

MARCH 1 INVENTORY

Inventory of hogs and pigs on March 1, 1979 in the 14 States conducting quarterly hog surveys was estimated at 50.5 million head, up 13 percent from a year earlier, according to the Crop Reporting Board. This is the largest March 1 inventory since 1971.

- Number kept for breeding at 8.34 million was up 20 percent from 1978, and 19 percent above 1977.
- Number for market at 42.2 million was 12 percent above 1978 and 14 percent more than 1977. Survey results indicate producers incurred death losses during the December-February quarter about 25 percent greater than last year. This was due to disease and severe winter weather, especially in the Western Corn Belt States.

The 14 Quarterly States account for about 85 percent of the U.S. hog and pig inventory.

PIG CROP (DECEMBER 1978-FEBRUARY 1979)

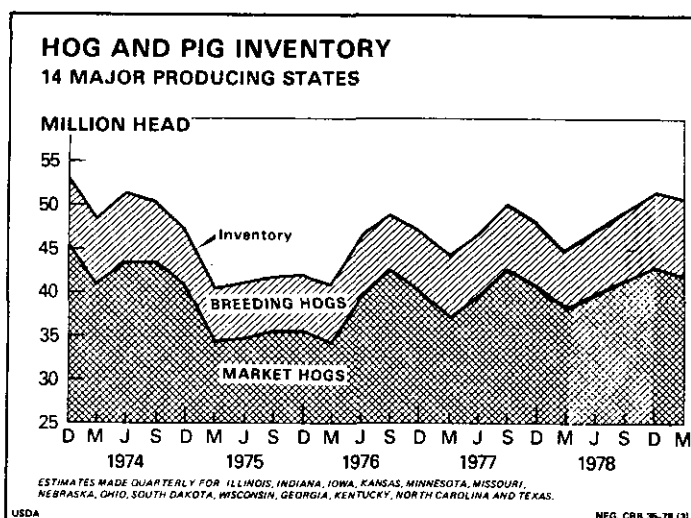
The December 1978-February 1979 pig crop in the 14 States totaled 18.3 million, 17 percent more than both 1977 and 1978. There were 2.66 million sows farrowed in these States, up 16 percent from the previous year, and 15 percent more than two years ago.

Litter size averaged 6.87 pigs for the December 1978-February 1979 period compared with 6.84 a year earlier and 6.76 two years ago.

FARROWING INTENTIONS

Producers in the 14 Quarterly States intend to have 3.55 million sows farrow in the March-May 1979 period, 24 percent more than last year and 23 percent above 1977.

Farrowing intentions reported for the June-August 1979 period are 3.16 million sows, 19 percent above 1978 and 22 percent more than 1977.



HOG AND PIG INVENTORY
14 MAJOR PRODUCING STATES

DATE OF SURVEY	MARKET	TOTAL ^{1/}	DATE OF SURVEY	MARKET	TOTAL ^{1/}
MILLION HEAD			MILLION HEAD		
DEC 1973	45.4	52.8	SEP 1976	42.1	48.9
MAR 1974	40.9	48.5	DEC 1976	40.3	47.1
JUN 1974	43.5	51.1	MAR 1977	37.1	44.1
SEP 1974	43.4	50.2	JUN 1977	39.3	46.6
DEC 1974	40.9	47.2	SEP 1977	42.0	49.2
MAR 1975	34.3	40.3	DEC 1977	41.0	48.3
JUN 1975	34.8	41.0	MAR 1978	37.8	44.7
SEP 1975	35.5	41.5	JUN 1978	39.8	47.2
DEC 1975	35.5	41.9	SEP 1978	41.8	48.3
MAR 1976	34.1	40.8	DEC 1978	43.0	51.1
JUN 1976	39.2	46.2	MAR 1979	42.2	50.5

^{1/} BREEDING TOTAL IS DIFFERENCE BETWEEN MARKET HOGS AND TOTAL HOGS.

RELIABILITY AND ESTIMATING PROCEDURES: Primary data used in setting these hog estimates were obtained from probability surveys. Information was collected by mail, telephone and personal interviews. Since all operations with 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 2 percent at the 14 Quarterly State level for hog inventory. This means that chances are approximately 95 out of 100 that survey estimates will be within 4 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. These differences have exceeded 4 percent for about one-third of the quarterly pig crops during the last five years.

In setting the inventory estimates, the Crop Reporting Board constructed a U.S. balance sheet using estimates on births, deaths, and check data on slaughter, imports and exports. This balance sheet provided an additional check on survey inventory estimates.

HOGS AND PIGS: INVENTORY NUMBER, SOWS FARROWING AND PIG CROP,
1977-1979, 14 STATES 1/

ITEM	1977	1978	1979	1979 AS % OF	
				1977	1978
		1000 HEAD		PERCENT	
INVENTORY NUMBER-MARCH 1					
ALL HOGS AND PIGS	44020	44680	50511	115	113
KEPT FOR BREEDING	7003	6946	8344	119	120
MARKET	37017	37734	42167	114	112
MARKET HOGS AND PIGS					
BY WEIGHT GROUPS:					
UNDER 60 POUNDS	14199	14590	16665	117	114
60-119 POUNDS	8585	8987	10014	117	111
120-179 POUNDS	8387	8309	9146	109	110
180 POUNDS AND OVER	5846	5848	6342	108	108
SOWS FARROWING:					
DECEMBER 2/-FEBRUARY	2304	2285	2659	115	116
MARCH-MAY	2893	2870	3/ 3548	123	124
DECEMBER 2/-MAY	5197	5155	4/ 6207	119	120
JUNE-AUGUST	2600	2658	3/ 3163	122	119
SEPTEMBER-NOVEMBER	2565	2796			
JUNE-NOVEMBER	5165	5454			
PIG CROP:					
DECEMBER 2/-FEBRUARY	15586	15626	18260	117	117
MARCH-MAY	21386	20716			
DECEMBER 2/-MAY	36972	36342			
JUNE-AUGUST	18768	19195			
SEPTEMBER-NOVEMBER	18421	20027			
JUNE-NOVEMBER	37189	39222			
PIGS PER LITTER:		NUMBER			
DECEMBER 2/-FEBRUARY	6.76	6.84	6.87	102	100
MARCH-MAY	7.39	7.22			
DECEMBER 2/-MAY	7.11	7.05			
JUNE-AUGUST	7.22	7.22			
SEPTEMBER-NOVEMBER	7.18	7.16			
JUNE-NOVEMBER	7.20	7.19			

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

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,
MARCH 1, 1978-79, 14 STATES

STATE	BREEDING			MARKET			TOTAL		
	1978	1979	AS % OF	1978	1979	AS % OF	1978	1979	AS % OF
	NUMBER	NUMBER	1978	NUMBER	NUMBER	1978	NUMBER	NUMBER	1978
	1000 HEAD	PERCENT		1000 HEAD	PERCENT		1000 HEAD	PERCENT	
GA	250	312	125	1300	1498	115	1550	1810	117
ILL	868	1007	116	4732	5493	116	5600	6500	116
IND	559	699	125	3241	3901	120	3800	4600	121
IOWA	2054	2392	116	11546	12308	107	13600	14700	108
KANS	266	311	117	1634	1684	103	1900	1995	105
KY	179	208	116	841	952	113	1020	1160	114
MINN	581	729	125	3119	3321	106	3700	4050	109
MO	626	760	121	2874	3140	109	3500	3900	111
NEBR	435	585	134	2515	3115	124	2950	3700	125
N C	310	355	115	1690	1865	110	2000	2220	111
OHIO	237	297	125	1363	1633	120	1600	1930	121
S OAK	220	262	119	1200	1314	110	1420	1576	111
TEX	120	132	110	680	668	98	800	800	100
WIS	241	295	122	999	1275	128	1240	1570	127
TOTAL									
14 STS.	6946	8344	120	37734	42167	112	44680	50511	113

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,
MARCH 1, 1978-79, 14 STATES

STATE	UNDER 60 LBS.		60-119 LBS.		120-179 LBS.		180 LBS AND OVER	
	1978	1979	1978	1979	1978	1979	1978	1979
	1000 HEAD							
GA	546	685	390	401	238	255	126	157
ILL	1821	2087	1136	1401	1065	1181	710	824
IND	1332	1638	684	800	722	878	503	585
IOWA	4157	4431	2702	2831	2771	2954	1916	2092
KANS	598	631	405	421	389	391	242	241
KY	339	390	213	248	156	181	133	133
MINN	1323	1451	692	747	639	664	465	459
MO	1116	1319	704	769	592	628	462	424
NEBR	980	1246	640	779	535	654	360	436
N C	693	811	414	438	338	355	245	261
OHIO	491	617	327	384	293	351	252	281
S OAK	497	532	287	329	259	289	157	164
TEX	285	277	160	166	130	125	105	100
WIS	412	550	233	300	182	240	172	185
TOTAL								
14 STS.	14590	16665	8987	10014	8309	9146	5848	6342

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,
DECEMBER 1, 1977-78, 14 STATES

STATE	BREEDING			MARKET			TOTAL		
	1977	1978	AS % OF	1977	1978	AS % OF	1977	1978	AS % OF
	NUMBER	NUMBER	1977	NUMBER	NUMBER	1977	NUMBER	NUMBER	1977
	1000 HEAD	PERCENT		1000 HEAD	PERCENT		1000 HEAD	PERCENT	
GA	275	302	110	1445	1498	104	1720	1800	105
ILL	884	982	111	5216	5568	107	6100	6550	107
IND	610	660	108	3490	3740	107	4100	4400	107
IOWA	2161	2280	106	12339	12820	104	14500	15100	104
KANS	280	294	105	1720	1666	97	2000	1960	98
KY	184	201	109	956	949	99	1140	1150	101
MINN	608	697	115	3392	3403	100	4000	4100	103
MO	660	746	113	3040	3354	110	3700	4100	111
NEBR	463	569	123	2687	3081	115	3150	3650	116
N C	340	364	107	1960	1986	101	2300	2350	102
OHIO	243	290	119	1507	1610	107	1750	1900	109
S DAK	237	264	111	1343	1356	101	1580	1620	103
TEX	128	135	105	762	665	87	890	800	90
WIS	251	305	122	1127	1345	119	1378	1650	120
TOTAL									
14 STS.	7324	8089	110	40984	43041	105	48308	51130	106

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,
DECEMBER 1, 1977-78, 14 STATES

STATE	UNDER	60-119	120-179	180 LBS						
	60 LBS.	LBS.	LBS.	AND OVER						
	1977	1978	1977	1978	1977	1978	1977	1978		
	1000 HEAD									
GA	604	629	360	385	295	311	186	173		
ILL	2035	2185	1278	1420	1043	1100	860	863		
IND	1305	1421	998	1066	719	748	468	505		
IOWA	4936	5115	3369	3500	2245	2424	1789	1781		
KANS	670	683	422	417	344	308	284	258		
KY	411	427	210	206	172	161	163	155		
MINN	1462	1515	875	840	617	637	438	411		
MO	1353	1643	668	771	578	520	441	420		
NEBR	1107	1295	658	785	529	554	393	447		
N C	784	854	535	469	361	375	280	288		
OHIO	577	706	398	428	353	286	179	190		
S DAK	604	633	322	330	242	230	175	163		
TEX	282	250	219	175	145	145	116	95		
WIS	572	632	247	313	169	240	139	160		
TOTAL										
14 STS.	16702	17988	10559	11105	7812	8039	5911	5909		

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,
SEPTEMBER-NOVEMBER 1977-78, 14 STATES

STATE	SOWS FARROWING			PIGS		PIG CROP 1/		
	1977	1978	AS % OF 1977	PER LITTER	1977	1978	AS % OF 1977	
		NUMBER						PERCENT
GA	80	82	103	6.85	7.06	548	579	106
ILL	340	360	106	7.10	7.05	2414	2538	105
IND	190	210	111	7.10	7.05	1349	1481	110
IOWA	720	770	107	7.20	7.15	5184	5506	106
KANS	107	110	103	7.20	7.15	770	787	102
KY	63	63	100	6.90	7.20	435	454	104
MINN	240	245	102	7.20	7.30	1728	1789	104
MO	225	270	120	7.20	7.15	1620	1931	119
NEBR	185	210	114	7.20	7.30	1332	1533	115
N C	100	117	117	7.10	7.00	710	819	115
OHIO	90	110	122	7.40	7.30	666	803	121
S DAK	95	104	109	7.20	7.00	684	728	106
TEX	40	40	100	7.30	6.90	292	276	95
WIS	90	105	117	7.65	7.65	689	803	117
TOTAL 14 STS.	2565	2796	109	7.18	7.16	18421	20027	109

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 1978-79, 14 STATES

STATE	SOWS FARROWING			PIGS		PIG CROP 2/		
	1978	1979	AS % OF 1978	PER LITTER	1978	1979	AS % OF 1978	
		NUMBER						PERCENT
GA	85	110	129	6.52	6.70	554	737	133
ILL	300	340	113	6.60	6.60	1980	2244	113
IND	200	240	120	6.70	6.85	1340	1644	123
IOWA	600	680	113	6.95	6.90	4170	4692	113
KANS	100	105	105	6.65	6.80	665	714	107
KY	61	70	115	5.60	6.10	342	427	125
MINN	215	250	116	7.30	7.15	1570	1788	114
MO	190	225	118	6.67	6.80	1267	1530	121
NEBR	145	195	134	7.20	7.00	1044	1365	131
N C	115	130	113	7.00	7.00	805	910	113
OHIO	80	95	119	6.34	7.00	507	665	131
S DAK	72	77	107	7.00	7.20	504	554	110
TEX	47	47	100	6.38	6.50	300	306	102
WIS	75	95	127	7.70	7.20	578	684	118
TOTAL 14 STS.	2285	2659	116	6.84	6.87	15626	18260	117

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 1977-79, 14 STATES

STATE	SOWS FARROWING				PIGS PER LITTER		PIG CROP 1/		
	1977	1978	1979 2/	AS % OF	1977	1978	1977	1978	AS % OF
	NUMBER	NUMBER	NUMBER	1978	NUMBER	NUMBER	NUMBER	NUMBER	1977
	1000 HEAD		PERCENT		NUMBER		1000 HEAD		PERCENT
GA	78	82	100	122	7.05	7.00	550	574	104
ILL	384	405	475	117	7.10	7.00	2726	2835	104
IND	201	210	260	124	7.25	7.10	1457	1491	102
IOWA	910	840	980	117	7.40	7.20	6734	6048	90
KANS	115	105	125	119	7.60	7.16	874	752	86
KY	67	65	80	123	7.10	6.80	476	442	93
MINN	220	225	305	136	7.75	7.50	1705	1688	99
MO	252	240	335	140	7.55	7.50	1903	1800	95
NEBR	200	210	290	138	7.53	7.24	1506	1520	101
N C	108	115	140	122	7.35	7.20	794	828	104
OHIO	90	98	130	133	7.20	7.20	648	706	109
S DAK	118	122	145	119	7.55	7.30	891	891	100
TEX	48	45	48	107	6.90	7.00	331	315	95
WIS	102	108	135	125	7.75	7.65	791	826	104
TOTAL									
14 STS.	2893	2870	3548	124	7.39	7.22	21386	20716	97

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 1977-79, 14 STATES

STATE	SOWS FARROWING				PIGS PER LITTER		PIG CROP 1/		
	1977	1978	1979 2/	AS % OF	1977	1978	1977	1978	AS % OF
	NUMBER	NUMBER	NUMBER	1978	NUMBER	NUMBER	NUMBER	NUMBER	1977
	1000 HEAD		PERCENT		NUMBER		1000 HEAD		PERCENT
GA	82	90	116	129	7.20	6.90	590	621	105
ILL	350	355	400	113	6.85	6.95	2398	2467	103
IND	215	230	275	120	7.10	7.15	1527	1645	108
IOWA	710	710	850	120	7.20	7.25	5112	5148	101
KANS	100	103	122	118	7.15	7.05	715	726	102
KY	70	75	80	107	7.30	7.20	511	540	106
MINN	225	215	290	135	7.40	7.45	1665	1602	96
MO	230	235	280	119	7.25	7.25	1668	1704	102
NEBR	155	185	230	124	7.25	7.20	1124	1332	119
N C	123	120	135	113	7.50	7.40	923	888	96
OHIO	98	94	110	117	7.45	7.25	730	682	93
S DAK	88	86	100	116	7.40	7.30	651	628	96
TEX	52	50	50	100	7.10	7.30	369	365	99
WIS	102	110	125	114	7.70	7.70	785	847	108
TOTAL									
14 STS.	2600	2658	3163	119	7.22	7.22	18768	19195	102

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

2/ INTENTIONS.

HOGS AND PIGS: INVENTORY NUMBER, SOWS FARROWING AND PIG CROP,
1977-1979, 10 STATES 1/

ITEM	1977	1978	1979	1979 AS % OF	
				1977	1978
	1000 HEAD			PERCENT	
INVENTORY NUMBER-MARCH 1					
ALL HOGS AND PIGS	38800	39310	44521	115	113
KEPT FOR BREEDING	6157	6087	7337	119	121
MARKET	32643	33223	37184	114	112
MARKET HOGS AND PIGS					
BY WEIGHT GROUPS:					
UNDER 60 POUNDS	12359	12727	14502	117	114
60-119 POUNDS	7439	7810	8761	118	112
120-179 POUNDS	7557	7447	8230	109	111
180 POUNDS AND OVER	5288	5239	5691	108	109
SOWS FARROWING:					
DECEMBER 2/-FEBRUARY	1997	1977	2302	115	116
MARCH-MAY	2592	2563	3/ 3180	123	124
DECEMBER 2/-MAY	4589	4540	4/ 5482	119	121
JUNE-AUGUST	2273	2323	3/ 2782	122	120
SEPTEMBER-NOVEMBER	2282	2494			
JUNE-NOVEMBER	4555	4817			
PIG CROP:					
DECEMBER 2/-FEBRUARY	13594	13625	15880	117	117
MARCH-MAY	19235	18557			
DECEMBER 2/-MAY	32829	32182			
JUNE-AUGUST	16375	16781			
SEPTEMBER-NOVEMBER	16436	17899			
JUNE-NOVEMBER	32811	34680			
PIGS PER LITTER:		NUMBER			
DECEMBER 2/-FEBRUARY	6.81	6.89	6.90	101	100
MARCH-MAY	7.42	7.24			
DECEMBER 2/-MAY	7.15	7.09			
JUNE-AUGUST	7.20	7.22			
SEPTEMBER-NOVEMBER	7.20	7.18			
JUNE-NOVEMBER	7.20	7.20			

1/ ILLINOIS, INDIANA, IOWA, KANSAS, MINNESOTA, MISSOURI, NEBRASKA,
OHIO, SOUTH DAKOTA, WISCONSIN

2/ DECEMBER PRECEDING YEAR.

3/ INTENTIONS.

4/ INTENTIONS FOR MARCH-MAY.