

HOGS AND PIGS



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INVENTORY 3 PERCENT HIGHER

Inventory of hogs and pigs on September 1, 1977 in the 14 States conducting quarterly hog surveys is estimated at 50.1 million head, 3 percent above a year earlier, according to the Crop Reporting Board.

- Number kept for breeding, at 7.3 million, is up 8 percent from a year ago and 22 percent above 1975.
- Number for market, at 42.8 million, is 2 percent above 1976 and 20 percent larger than 1975's market hog inventory.

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

PIG CROP (JUNE-AUGUST)

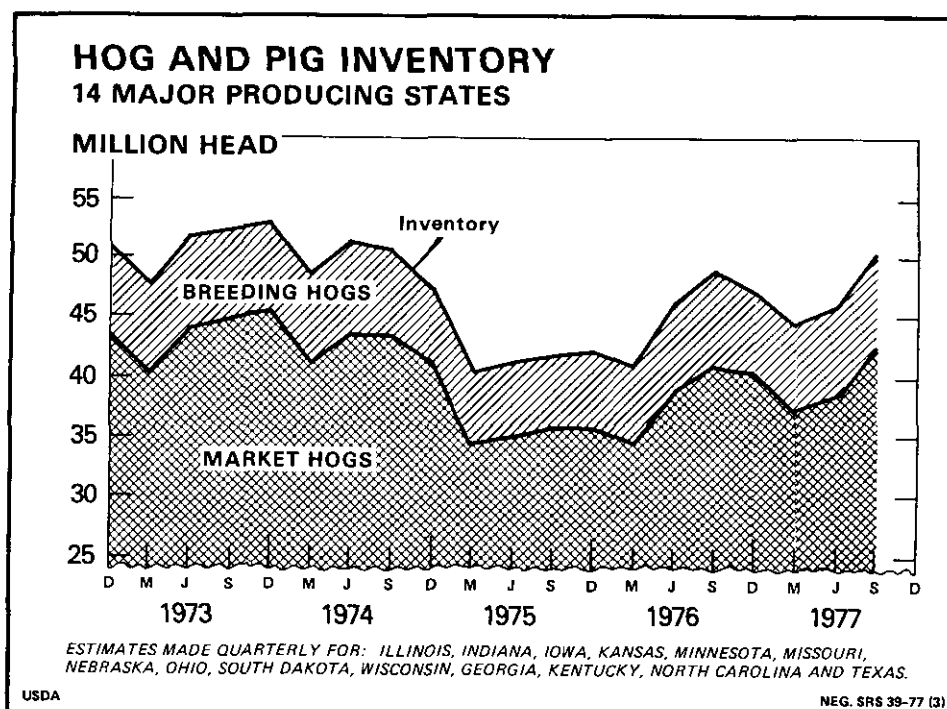
The June-August 1977 pig crop in the 14 States totaled 20.0 million head, 9 percent above the previous year and 33 percent larger than the same period two years ago. There were 2.8 million sows farrowed in these States during this period, 10 percent more than the corresponding period in 1976, and 32 percent above the June-August 1975 period.

Litter size averaged 7.23 pigs for the three months, compared with 7.30 a year earlier and 7.19 for the same period two years ago.

FARROWING INTENTIONS

Producers in the 14 States intend to farrow 2.8 million sows during the September-November 1977 period, 10 percent more than a year ago and 32 percent above the 1975 period.

Farrowing intentions for the December 1977-February 1978 quarter are placed at 2.6 million sows, 11 percent more than a year earlier and 26 percent more than farrowed during the period two years ago.



HOG AND PIG INVENTORY
14 MAJOR PRODUCING STATES

DATE OF SURVEY	MARKET	TOTAL ^{1/}	DATE OF SURVEY	MARKET	TOTAL ^{1/}
MILLIONS			MILLIONS		
DEC 1972	43.2	50.6	JUN 1975	34.8	41.0
MAR 1973	40.0	47.6	SEP 1975	35.5	41.5
JUN 1973	43.9	51.6	DEC 1975	35.5	41.9
SEP 1973	44.6	52.2	MAR 1976	34.2	40.9
DEC 1973	45.4	52.8	JUN 1976	39.0	46.1
MAR 1974	40.9	48.5	SEP 1976	42.0	48.8
JUN 1974	43.5	51.1	DEC 1976	40.2	47.0
SEP 1974	43.4	50.2	MAR 1977	37.0	44.0
DEC 1974	40.9	47.2	JUN 1977	38.9	46.1
MAR 1975	34.2	40.3	SEP 1977	42.8	50.1

^{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 A MULTIPLE FRAME PROBABILITY SURVEY. 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 TWO PERCENT AT THE 14 QUARTERLY STATE LEVEL FOR HOG INVENTORY. THIS MEANS THAT CHANCES ARE APPROXIMATELY 95 OUT OF 100 THAT A SURVEY ESTIMATE 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, RECORDING AND PROCESSING THE DATA AND MISTAKES IN REPORTING. THESE ERRORS CANNOT BE MEASURED DIRECTLY, BUT THEY ARE MINIMIZED THROUGH RIGID QUALITY CONTROLS ON THE DATA COLLECTION PROCESS AND A CAREFUL REVIEW OF ALL REPORTED DATA FOR CONSISTENCY AND REASONABLENESS.

IN SETTING THE INVENTORY ESTIMATES, THE CROP REPORTING BOARD CONSTRUCTED A 14 STATE QUARTERLY 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,
1975-1978, 14 STATES 1/

ITEM	1975				1976				1977				1978				1977 AS % OF 1978 AS PERCENT	
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978	PERCENT	

	1000 HEAD												PERCENT					
INVENTORY NUMBER- SEPTEMBER 1:																		
ALL HOGS AND PIGS	41535	48785	50120										121	103				
KEPT FOR BREEDING	6011	6813	7324										122	108				
MARKET	35524	41972	42796										120	102				
MARKET HOGS AND PIGS BY WEIGHT GROUPS:																		
UNDER 60 POUNDS	14397	17084	17957										125	105				
60-119 POUNDS	8990	10643	10740										119	101				
120-179 POUNDS	7182	8481	8169										114	96				
180-219 POUNDS	4157	4857	5063										122	104				
220 POUNDS AND OVER	798	907	867										109	96				
SOWS FARROWING:																		
DECEMBER 2/-FEBRUARY	1778	2049	2319	3/ 2579									130	113	111			
MARCH-MAY	2428	2910	2883										119	99				
DECEMBER 2/-MAY	4206	4959	5202										124	105				
JUNE-AUGUST	2088	2523	2766										132	110				
SEPTEMBER-NOVEMBER	2103	2520	2771	3/ 2771									132	110				
JUNE-NOVEMBER	4191	5043	5537	4/ 5537									132	110				
PIG CROP:																		
DECEMBER 2/-FEBRUARY	12540	14566	15723										125	108				
MARCH-MAY	17469	21478	21357										122	99				
DECEMBER 2/-MAY	30009	36044	37080										124	103				
JUNE-AUGUST	15020	18416	20006										133	109				
SEPTEMBER-NOVEMBER	15182	17939																
JUNE-NOVEMBER	30202	36355																
PIGS PER LITTER:																		
DECEMBER 2/-FEBRUARY	7.05	7.11	6.78										96	95				
MARCH-MAY	7.19	7.38	7.41										103	100				
DECEMBER 2/-MAY	7.13	7.27	7.13										100	98				
JUNE-AUGUST	7.19	7.30	7.23										101	99				
SEPTEMBER-NOVEMBER	7.22	7.12																
JUNE-NOVEMBER	7.21	7.21																

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

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,
SEPTEMBER 1, 1976-77, 14 STATES

STATE	BREEDING			MARKET			TOTAL		
	1977			1977			1977		
	1976	:AS % OF:		1976	:AS % OF:		1976	:AS % OF:	
	NUMBER:	1976		NUMBER:	1976		NUMBER:	1976	
	1000 HEAD	PERCENT		1000 HEAD	PERCENT		1000 HEAD	PERCENT	
GA	257	257	100	1303	1303	100	1560	1560	100
ILL	871	885	102	5679	5215	92	6550	6100	93
IND	653	595	91	3697	3505	95	4350	4100	94
IOWA	1924	2219	115	13076	13631	104	15000	15850	106
KANS	242	288	119	1618	1962	121	1860	2250	121
KY	185	200	108	890	960	108	1075	1160	108
MINN	500	575	115	3000	3225	108	3500	3800	109
MO	528	635	120	2922	3435	118	3450	4070	118
NEBR	450	465	103	2810	2765	98	3260	3230	99
N C	320	338	106	1730	1912	111	2050	2250	110
OHIO	273	237	87	1607	1343	84	1880	1580	84
S DAK	239	237	99	1541	1533	99	1780	1770	99
TEX	137	135	99	873	815	93	1010	950	94
WIS	234	258	110	1226	1192	97	1460	1450	99
TOTAL									
14 STS.:	6813	7324	108	41972	42796	102	48785	50120	103

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,
SEPTEMBER 1, 1976-77, 14 STATES

STATE	UNDER	60-119	120-179	180-219	220 LBS.					
	60 LBS.	LBS.	LBS.	LBS.	AND OVER					
	1976	1977	1976	1977	1976					
	1976	1977	1976	1977	1976					
	1000 HEAD									
GA	623	606	332	352	222	228	104	98	22	19
ILL	2187	2034	1391	1408	1238	1069	738	600	125	104
IND	1535	1492	854	845	802	694	447	421	59	53
IOWA	4734	5384	3687	3476	2811	2835	1543	1663	301	273
KANS	631	814	404	432	332	353	219	324	32	39
KY	445	480	212	240	139	134	73	82	21	24
MINN	1440	1506	678	755	522	532	300	367	60	65
MO	1289	1494	713	869	561	574	301	419	58	79
NEBR	1100	1037	688	722	573	569	379	376	70	61
N C	804	889	407	468	301	325	168	182	50	48
OHIO	709	595	343	308	317	246	212	181	26	13
S DAK	593	628	455	414	292	291	170	169	31	31
TEX	364	350	222	204	177	147	85	90	25	24
WIS	630	648	257	247	194	172	118	91	27	34
TOTAL										
14 STS.:	17084	17957	10643	10740	8481	8169	4857	5063	907	867

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,
JUNE 1, 1976-77, 14 STATES

STATE	BREEDING			MARKET			TOTAL		
	1976	1977	AS % OF	1976	1977	AS % OF	1976	1977	AS % OF
	NUMBER	NUMBER	1976	NUMBER	NUMBER	1976	NUMBER	NUMBER	1976
	1000 HEAD	PERCENT		1000 HEAD	PERCENT		1000 HEAD	PERCENT	
GA	256	257	100	1209	1213	100	1465	1470	100
ILL	882	845	96	5418	4905	91	6300	5750	91
IND	602	586	97	3548	2964	84	4150	3550	86
IOWA	2086	2146	103	11914	12354	104	14000	14500	104
KANS	241	285	118	1424	1615	113	1665	1900	114
KY	184	185	101	866	885	102	1050	1070	102
MINN	558	595	107	2722	2805	103	3280	3400	104
MO	558	623	112	2842	3177	112	3400	3800	112
NEBR	471	495	105	2779	2805	101	3250	3300	102
N C	316	296	94	1659	1554	94	1975	1850	94
OHIO	265	262	99	1455	1278	88	1720	1540	90
S DAK	240	248	103	1370	1452	106	1610	1700	106
TEX	147	156	106	753	754	100	900	910	101
WIS	243	256	105	1077	1144	106	1320	1400	106
TOTAL									
14 STS.	7049	7235	103	39036	38905	100	46085	46140	100

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,
JUNE 1, 1976-77, 14 STATES

STATE	UNDER 60 LBS.		60-119 LBS.		120-179 LBS.		180-219 LBS.		220 LBS. AND OVER	
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977
	1000 HEAD									
GA	562	568	339	340	212	206	78	85	18	14
ILL	2357	2158	1436	1202	921	834	569	564	135	147
IND	1519	1248	951	765	663	593	355	311	60	47
IOWA	5898	5992	2740	2767	1847	2051	1251	1297	238	247
KANS	619	703	377	428	242	283	157	169	29	32
KY	445	460	191	195	126	124	82	84	22	22
MINN	1320	1388	694	632	408	457	245	278	55	50
MO	1506	1665	608	702	415	467	242	267	71	76
NEBR	1376	1360	681	673	417	449	250	264	55	59
N C	750	684	441	395	289	292	141	149	38	34
OHIO	727	593	364	300	220	247	124	128	20	10
S DAK	809	777	253	322	164	199	110	119	34	35
TEX	314	312	207	198	130	134	83	84	19	26
WIS	580	644	230	246	145	144	88	81	34	29
TOTAL										
14 STS.	18722	18552	9512	9165	6199	6480	3775	3880	828	828

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,
MARCH-MAY 1976-77, 14 STATES

STATE	SOWS FARROWING			PIGS		PIG CROP 1/		
	1976	1977		PER LITTER		1976	1977	
		NUMBER	AS % OF 1976	1976	1977		NUMBER	AS % OF 1976
	1000 HEAD	PERCENT	NUMBER	NUMBER	1000 HEAD	PERCENT		
GA	80	78	98	6.94	7.05	555	550	99
ILL	420	384	91	7.15	7.10	3003	2726	91
IND	230	201	87	7.40	7.25	1702	1457	86
IOWA	880	910	103	7.35	7.45	6468	6780	105
KANS	102	115	113	7.25	7.60	740	874	118
KY	62	67	108	7.25	7.10	450	476	106
MINN	195	220	113	7.70	7.75	1502	1705	114
MO	235	252	107	7.50	7.55	1763	1903	108
NEBR	205	195	95	7.55	7.53	1548	1468	95
N C	116	103	89	7.50	7.35	870	757	87
OHIO	110	90	82	7.60	7.20	836	648	78
S DAK	130	118	91	7.30	7.55	949	891	94
TEX	45	48	107	7.60	6.90	342	331	97
WIS	100	102	102	7.50	7.75	750	791	105
TOTAL								
14 STS.	2910	2883	99	7.38	7.41	21478	21357	99

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 1976-77, 14 STATES

STATE	SOWS FARROWING			PIGS		PIG CROP 1/		
	1976	1977		PER LITTER		1976	1977	
		NUMBER	AS % OF 1976	1976	1977		NUMBER	AS % OF 1976
	1000 HEAD	PERCENT	NUMBER	NUMBER	1000 HEAD	PERCENT		
GA	80	86	108	7.20	7.20	576	619	107
ILL	355	360	101	7.05	6.90	2503	2484	99
IND	230	220	96	7.50	7.10	1725	1562	91
IOWA	690	780	113	7.35	7.25	5072	5655	111
KANS	88	115	131	7.25	7.25	638	834	131
KY	64	75	117	7.10	7.30	454	548	121
MINN	195	238	122	7.45	7.40	1453	1761	121
MO	210	250	119	7.05	7.20	1481	1800	122
NEBR	155	160	103	7.25	7.20	1124	1152	102
N C	116	128	110	7.50	7.50	870	960	110
OHIO	110	100	91	7.30	7.35	803	735	92
S DAK	84	92	110	7.30	7.40	613	681	111
TEX	50	54	108	7.30	7.10	365	383	105
WIS	96	108	113	7.70	7.70	739	832	113
TOTAL								
14 STS.	2523	2766	110	7.30	7.23	18416	20006	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 1975-77, 14 STATES

STATE	SOWS FARROWING				PIGS PER LITTER		PIG CROP 1/			
	1975		1976		1975		1976		1976	
	1000 HEAD	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	1000 HEAD	PERCENT	NUMBER	PERCENT
GA	63	76	75	99	6.90	6.63	435	504	116	
ILL	315	360	370	103	6.85	7.00	2158	2520	117	
IND	185	195	195	100	7.20	7.30	1332	1424	107	
IOWA	540	715	840	117	7.25	7.00	3915	5005	128	
KANS	90	99	122	123	7.40	7.15	666	708	106	
KY	50	57	65	114	7.25	7.25	363	413	114	
MINN	165	220	245	111	7.40	7.25	1221	1595	131	
MO	190	225	270	120	7.25	7.25	1378	1631	118	
NEBR	145	180	185	103	7.35	7.18	1066	1292	121	
N C	83	82	90	110	7.30	7.10	606	582	96	
OHIO	85	94	86	91	7.30	7.24	621	681	110	
S DAK	80	95	100	105	7.20	7.20	576	684	119	
TEX	35	37	40	108	7.30	7.10	256	262	102	
WIS	77	85	88	104	7.65	7.50	589	638	108	
TOTAL										
14 STS.	2103	2520	2771	110	7.22	7.12	15182	17939	118	

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 1976-78, 14 STATES

STATE	SOWS FARROWING				PIGS PER LITTER		PIG CROP 2/			
	1976		1977		1976		1977		1976	
	1000 HEAD	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	1000 HEAD	PERCENT	NUMBER	PERCENT
GA	77	87	90	103	6.76	6.75	521	587	113	
ILL	275	291	310	107	7.00	6.50	1925	1892	98	
IND	195	199	205	103	6.80	6.30	1326	1254	95	
IOWA	520	630	760	121	7.25	7.00	3770	4410	117	
KANS	94	107	121	113	7.05	7.30	663	781	118	
KY	54	60	64	107	7.00	5.70	378	342	90	
MINN	164	200	230	115	7.30	7.00	1197	1400	117	
MO	160	205	235	115	7.15	6.54	1144	1340	117	
NEBR	127	145	155	107	7.20	7.20	914	1044	114	
N C	116	110	115	105	7.10	6.80	824	748	91	
OHIO	90	98	91	93	7.10	6.40	639	627	98	
S DAK	64	72	75	104	7.00	7.22	448	518	116	
TEX	48	50	49	98	6.80	6.30	326	315	97	
WIS	65	65	79	122	7.55	7.15	491	465	95	
TOTAL										
14 STS.	2049	2319	2579	111	7.11	6.78	14566	15723	108	

1/ DECEMBER PRECEDING YEAR.

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

3/ INTENTIONS.

HOGS AND PIGS: INVENTORY NUMBER, SOWS FARROWING AND PIG CROP,
1975-1978, 10 STATES 1/

ITEM	1975	1976	1977	1978	1977 AS % OF		1978 AS
					1975	1976	PERCENT OF 1977
	1000 HEAD			PERCENT			
INVENTORY NUMBER- SEPTEMBER 1:							
ALL HOGS AND PIGS	36725	43090	44200		120	103	
KEPT FOR BREEDING	5242	5914	6394		122	108	
MARKET	31483	37176	37806		120	102	
MARKET HOGS AND PIGS							
BY WEIGHT GROUPS:							
UNDER 60 POUNDS	12594	14848	15632		124	105	
60-119 POUNDS	7937	9470	9476		119	100	
120-179 POUNDS	6476	7642	7335		113	96	
180-219 POUNDS	3778	4427	4611		122	104	
220 POUNDS AND OVER	698	789	752		108	95	
SOWS FARROWING:							
DECEMBER 2/-FEBRUARY	1514	1754	2012	3/ 2271	133	115	113
MARCH-MAY	2184	2607	2587		118	99	
DECEMBER 2/-MAY	3698	4361	4599		124	105	
JUNE-AUGUST	1838	2213	2423		132	109	
SEPTEMBER-NOVEMBER	1872	2268	3/ 2501		134	110	
JUNE-NOVEMBER	3710	4481	4/ 4924		133	110	
PIG CROP:							
DECEMBER 2/-FEBRUARY	10687	12517	13731		128	110	
MARCH-MAY	15697	19261	19243		123	100	
DECEMBER 2/-MAY	26384	31778	32974		125	104	
JUNE-AUGUST	13257	16151	17496		132	108	
SEPTEMBER-NOVEMBER	13522	16178					
JUNE-NOVEMBER	26779	32329					
PIGS PER LITTER:				NUMBER			
DECEMBER 2/-FEBRUARY	7.06	7.14	6.82		97	96	
MARCH-MAY	7.19	7.39	7.44		103	101	
DECEMBER 2/-MAY	7.13	7.29	7.17		101	98	
JUNE-AUGUST	7.21	7.30	7.22		100	99	
SEPTEMBER-NOVEMBER	7.22	7.13					
JUNE-NOVEMBER	7.22	7.21					

- 1/ ILLINOIS, INDIANA, IOWA, KANSAS, MINNESOTA, MISSOURI, NEBRASKA, OHIO, SOUTH DAKOTA, WISCONSIN
2/ DECEMBER PRECEDING YEAR.
3/ INTENTIONS.
4/ INTENTIONS FOR SEPTEMBER-NOVEMBER.