

# Hogs and Pigs



National  
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Statistics  
Service

United States  
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Agriculture

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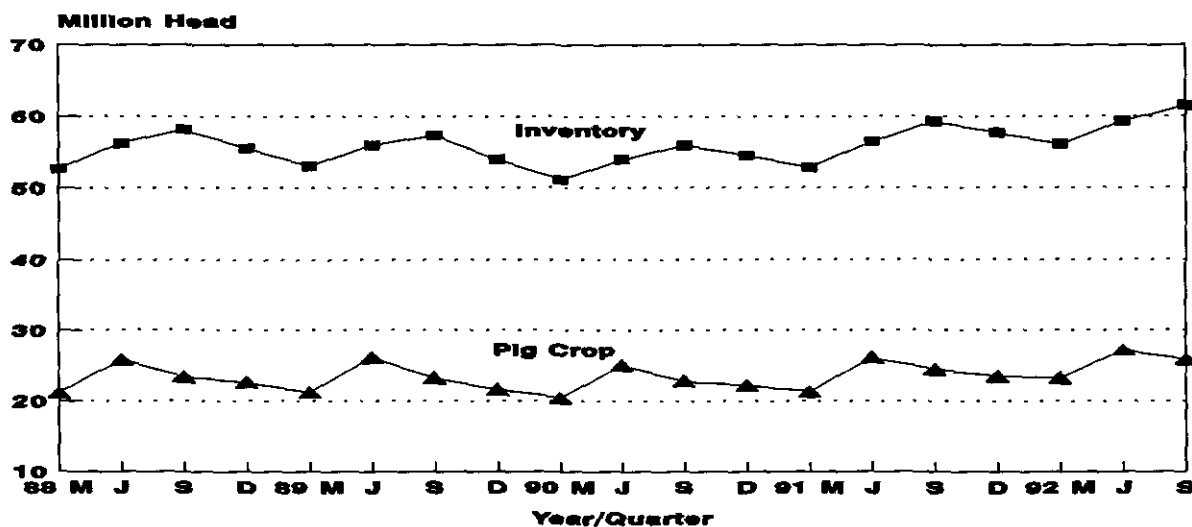
## U.S. Hog Inventory Up 4 Percent

U.S. inventory of all hogs and pigs on September 1, 1992, was 61.5 million head. This was 4 percent above last year and 10 percent above September 1, 1990.

Breeding inventory, at 7.41 million head, was up 2 percent from a year ago and 9 percent above September 1, 1990. Market hog inventory, at 54.1 million head, increased 4 percent from a year ago and was up 10 percent from September 1, 1990.

The June-August 1992 U.S. pig crop was 25.8 million head, 5 percent more than last year and up 13 percent from the same period in 1990. Sows farrowing during this period totaled 3.17 million head, up 2 percent from last year and 10 percent above 1990. Pigs saved per litter were a record high 8.13 compared to 7.89 during the same period in 1991.

## September 1 Inventory & Pig Crop United States



Index is located at the end of the report. For information call Hubert Hamer (202) 720-3106. Office hours are 8:00 a.m. to 4:30 p.m. ET.

U.S. hog producers intend to have 3.07 million sows farrow during the September-November quarter, 3 percent more than the actual farrowings during the same period last year and 8 percent more than in 1990. Farrowings intended for December 1992-February 1993, at 2.98 million sows, are 3 percent above 1992 and up 10 percent from 1991.

### 16 State Inventory Increases 4 Percent

The 16 quarterly States, with an inventory of 56.1 million head on September 1, 1992, were up 4 percent from last year and 10 percent above September 1, 1990. These 16 States accounted for approximately 91 percent of the total U.S. hog and pig inventory.

In the 16 quarterly States, the June-August pig crop was 23.5 million head, up 6 percent from last year and up 14 percent from two years ago. There were 2.89 million sows that farrowed during June-August, up 2 percent from a year earlier. Sows farrowing during June-August 1992 in the 16 States averaged 8.14 pigs per litter, compared to 7.89 during the comparable period a year ago.

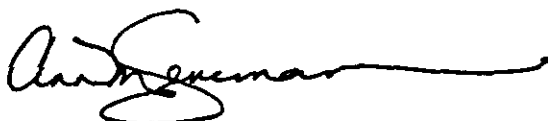
Intentions in the 16 quarterly States for September-November sows farrowing are 2.80 million head, up 4 percent from the corresponding period last year and 9 percent above two years ago. December 1992-February 1993 intended farrowings, at 2.71 million head are up 3 percent from a year earlier and 11 percent more than in 1991.

\*\*\*\*\* Notice \*\*\*\*\*

NASS will replace the 10 State summary tables on Pages 5-6 with comparable 16 State tables effective in the December 1992 report. The December 1992 inventory report will be published on December 30, 1992, instead of the January 1993 release.

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This report was approved on September 30, 1992, by the Acting Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.



Acting Secretary of  
Agriculture  
Ann Veneman



Agricultural Statistics Board  
Chairperson  
Rich Allen

Hogs and Pigs: Inventory Number, March 1, June 1, September 1,  
December 1, 1990-92 United States

Item	1990	1991	1992	1992 as % of	
				1990	1991
	----- 1,000 Head -----			-- Percent --	
March 1 Inventory					
All Hogs and Pigs	51,150	52,760	56,130	110	106
Kept For Breeding	6,806	6,992	7,145	105	102
Market	44,344	45,768	48,985	110	107
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	16,895	17,663	19,015	113	108
60-119 Pounds	10,602	11,036	11,865	112	108
120-179 Pounds	9,209	9,315	9,775	106	105
180 Pounds and Over	7,638	7,754	8,330	109	107
June 1 Inventory					
All Hogs and Pigs	53,850	56,390	59,265	110	105
Kept For Breeding	7,075	7,500	7,603	107	101
Market	46,775	48,890	51,662	110	106
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	19,806	20,750	21,547	109	104
60-119 Pounds	11,718	12,375	12,996	111	105
120-179 Pounds	8,535	8,821	9,607	113	109
180 Pounds and Over	6,716	6,944	7,512	112	108
September 1 Inventory					
All Hogs and Pigs	55,940	59,250	61,540	110	104
Kept For Breeding	6,815	7,260	7,410	109	102
Market	49,125	51,990	54,130	110	104
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	18,936	20,125	20,857	110	104
60-119 Pounds	12,218	12,980	13,614	111	105
120-179 Pounds	10,132	10,620	10,890	107	103
180 Pounds and Over	7,839	8,265	8,769	112	106
December 1 Inventory					
All Hogs and Pigs	54,477	57,684			
Kept For Breeding	6,870	7,254			
Market	47,607	50,430			
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	17,866	18,678			
60-119 Pounds	12,206	12,969			
120-179 Pounds	9,641	10,382			
180 Pounds and Over	7,894	8,402			

Farrowings: Number of Sows, Pig Crop, and Pigs per Litter,  
1990-93, United States

Item	1990	1991	1992	1993	1992 as % of:		
					1990	1991	1993
	----- 1,000 Head -----				---- Percent ----		
Sows Farrowing:							
Dec-Feb <u>1</u> /	2,602	2,711	2,892	<u>2</u> /2,981	111	107	103
Mar-May	3,143	3,285	3,364		107	102	
Dec-May <u>1</u> /	5,745	5,996	6,256		109	104	
Jun-Aug	2,879	3,097	3,166		110	102	
Sep-Nov	2,838	2,969	<u>2</u> /3,068		108	103	
Jun-Nov	5,717	6,066	<u>3</u> /6,234		109	103	
Pig Crop:							
Dec-Feb <u>1</u> /	20,362	21,325	23,202		114	109	
Mar-May	24,959	26,142	27,159		109	104	
Dec-May <u>1</u> /	45,321	47,467	50,361		111	106	
June-Aug	22,745	24,432	25,753		113	105	
Sep-Nov	22,194	23,427					
Jun-Nov	44,939	47,859					
Pigs per Litter:			Number				
Dec-Feb <u>1</u> /	7.83	7.87	8.02		102	102	
March-May	7.94	7.96	8.07		102	101	
Dec-May <u>1</u> /	7.89	7.92	8.05		102	102	
Jun-Aug	7.90	7.89	8.13		103	103	
Sep-Nov	7.82	7.89					
Jun-Nov	7.86	7.89					

1/ December preceding year.

2/ Intentions.

3/ Actual farrowings for June-August plus intentions for September-November.

Hogs and Pigs: Inventory Number, March 1, June 1, September 1,  
December 1, 1990-92 10 States 1/

Item	1990	1991	1992	1992 as % of	
				1990	1991
	----- 1,000 Head -----			-- Percent --	
March 1 Inventory					
All Hogs and Pigs	40,190	41,990	44,770	111	107
Kept For Breeding	5,245	5,450	5,550	106	102
Market	34,945	36,540	39,220	112	107
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	13,289	14,040	15,205	114	108
60-119 Pounds	8,335	8,770	9,460	113	108
120-179 Pounds	7,338	7,555	7,890	108	104
180 Pounds and Over	5,983	6,175	6,665	111	108
June 1 Inventory					
All Hogs and Pigs	42,630	44,520	47,225	111	106
Kept For Breeding	5,405	5,720	5,840	108	102
Market	37,225	38,800	41,385	111	107
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	15,680	16,390	17,135	109	105
60-119 Pounds	9,325	9,815	10,420	112	106
120-179 Pounds	6,845	7,070	7,790	114	110
180 Pounds and Over	5,375	5,525	6,040	112	109
September 1 Inventory					
All Hogs and Pigs	44,120	46,900	49,145	111	105
Kept For Breeding	5,300	5,675	5,835	110	103
Market	38,820	41,225	43,310	112	105
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	14,880	15,905	16,620	112	104
60-119 Pounds	9,580	10,250	10,855	113	106
120-179 Pounds	8,190	8,555	8,820	108	103
180 Pounds and Over	6,170	6,515	7,015	114	108
December 1 Inventory					
All Hogs and Pigs	42,900	45,735			
Kept For Breeding	5,257	5,610			
Market	37,643	40,125			
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	14,105	14,855			
60-119 Pounds	9,693	10,325			
120-179 Pounds	7,600	8,255			
180 Pounds and Over	6,245	6,690			

1/ GA, IL, IN, IA, KS, MN, MO, NE, NC, AND OH.

Farrowings: Number of Sows, Pig Crop, and Pigs per Litter,  
1990-93, 10 States 1/

Item	1990	1991	1992	1993	1992 as % of:		
					1990	1991	1993
					----- 1,000 Head -----		
					----- Percent -----		
Sows Farrowing:							
Dec-Feb <u>2/</u>	2,028	2,129	2,289	<u>3/</u> 2,381	113	108	104
Mar-May	2,458	2,586	2,655		108	103	
Dec-May <u>2/</u>	4,486	4,715	4,944		110	105	
Jun-Aug	2,236	2,441	2,513		112	103	
Sep-Nov	2,238	2,348	<u>3/</u> 2,445		109	104	
Jun-Nov	4,474	4,789	<u>4/</u> 4,958		111	104	
Pig Crop:							
Dec-Feb <u>2/</u>	15,870	16,770	18,475		116	110	
Mar-May	19,576	20,632	21,504		110	104	
Dec-May <u>2/</u>	35,446	37,402	39,979		113	107	
June-Aug	17,684	19,278	20,493		116	106	
Sep-Nov	17,459	18,551					
Jun-Nov	35,143	37,829					
Pigs per Litter:			Number				
Dec-Feb <u>2/</u>	7.83	7.88	8.07		103	102	
March-May	7.96	7.98	8.10		102	102	
Dec-May <u>2/</u>	7.90	7.93	8.09		102	102	
Jun-Aug	7.91	7.90	8.15		103	103	
Sep-Nov	7.80	7.90					
Jun-Nov	7.85	7.90					

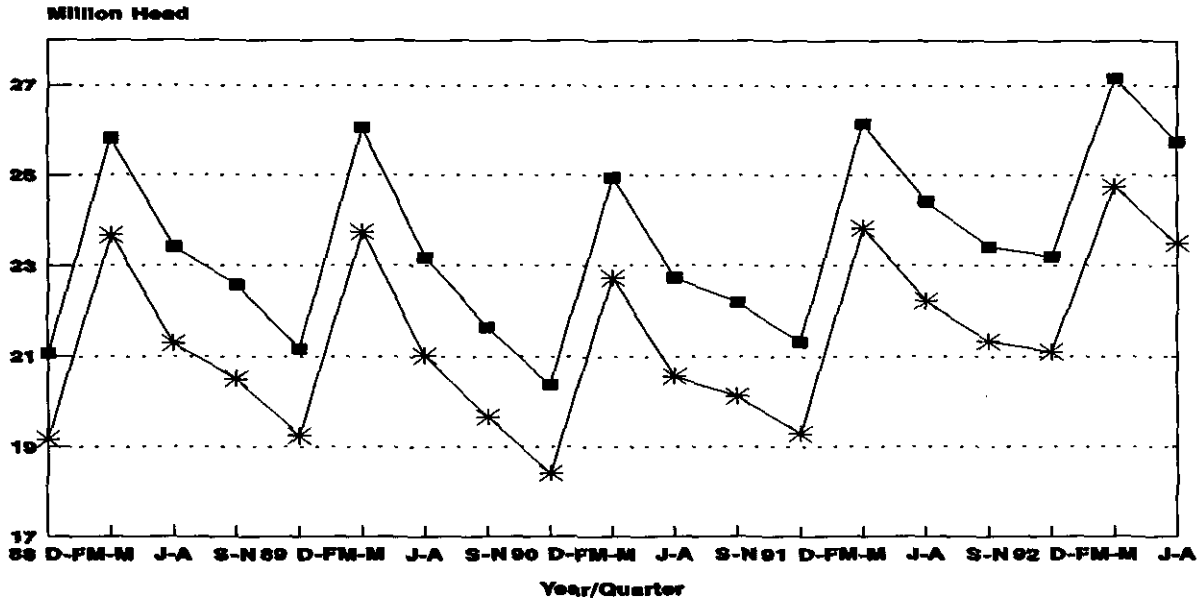
1/ GA, IL, IN, IA, KS, MN, MO, NE, NC, and OH.

2/ December preceding year.

3/ Intentions.

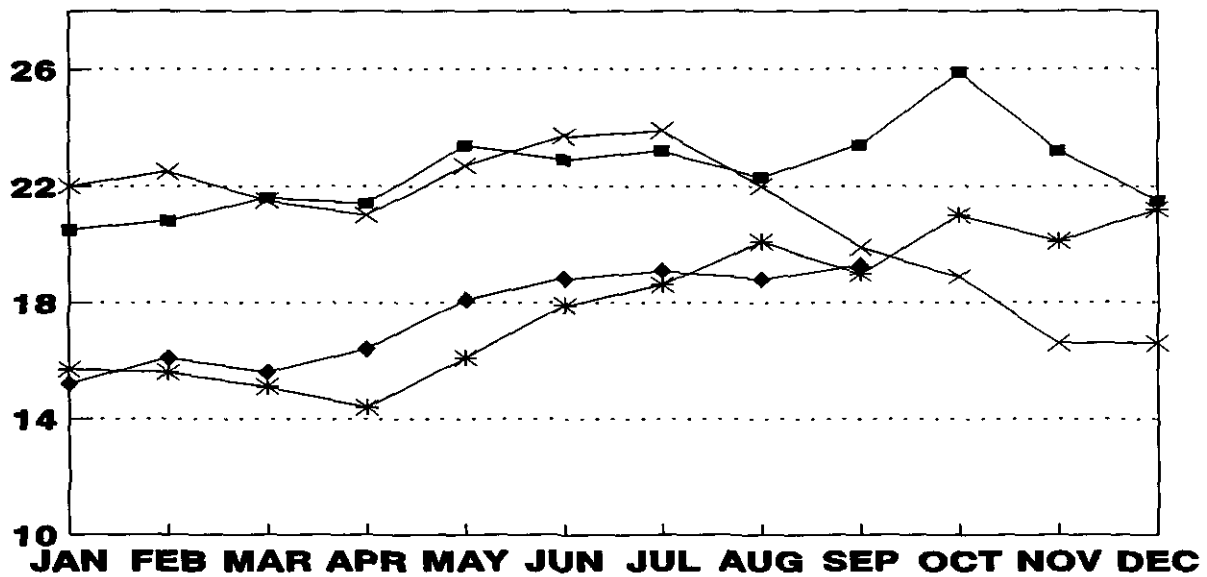
4/ Actual farrowings for June-August plus intentions for September-November.

## Pig Crop U.S. & 16 States



\* 16 St Pig Crop    ■ US Pig Crop

## US Hog-Corn Price Ratio Bu of Corn=Value to 100 Lbs Hog LWWT



\* 1989    ■ 1990    × 1991    ◆ 1992

Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
March 1, 1991-92

State	Breeding			Market			Total		
	1992			1992			1992		
	1991	:as % of:		1991	:as % of:		1991	:as % of	
	Number:	1991		Number:	1991		Number:	1991	
	1,000 Head	Percent	--	1,000 Head	Percent	--	1,000 Head	Percent	
GA	160	155	97	990	975	98	1,150	1,130	98
IL	740	730	99	4,760	4,970	104	5,500	5,700	104
IN	555	550	99	3,695	3,800	103	4,250	4,350	102
IA	1,700	1,750	103	11,800	12,950	110	13,500	14,700	109
KS	180	185	103	1,320	1,265	96	1,500	1,450	97
MN	560	565	101	3,790	4,135	109	4,350	4,700	108
MO	410	375	91	2,290	2,275	99	2,700	2,650	98
NE	540	540	100	3,710	3,760	101	4,250	4,300	101
NC	350	450	129	2,550	3,450	135	2,900	3,900	134
OH	255	250	98	1,635	1,640	100	1,890	1,890	100
10 Sts:	5,450	5,550	102	36,540	39,220	107	41,990	44,770	107
KY	120	130	108	700	760	109	820	890	109
MI	180	180	100	920	920	100	1,100	1,100	100
PA	97	105	108	783	825	105	880	930	106
SD	245	245	100	1,465	1,585	108	1,710	1,830	107
TN	80	100	125	440	560	127	520	660	127
WI	170	165	97	970	985	102	1,140	1,150	101
16 Sts:	6,342	6,475	102	41,818	44,855	107	48,160	51,330	107
Oth 1/:	650	670	103	3,950	4,130	105	4,600	4,800	104
US	6,992	7,145	102	45,768	48,985	107	52,760	56,130	106

1/ Individual State estimates not available for the 34 other States.



Market Hogs and Pigs: Inventory Number, by Weight Groups,  
March 1, 1991-92

State	Under 60 lbs		60-119 lbs		120-179 lbs		180 lbs and Over	
	1991	1992	1991	1992	1991	1992	1991	1992
	1,000 Head							
GA	420	395	260	265	200	205	110	110
IL	1,790	1,860	1,170	1,210	990	1,050	810	850
IN	1,450	1,460	910	950	730	760	605	630
IA	4,270	4,840	2,830	3,100	2,600	2,680	2,100	2,330
KS	490	510	320	305	285	245	225	205
MN	1,520	1,650	880	1,010	750	780	640	695
MO	875	915	550	540	460	450	405	370
NE	1,530	1,550	880	890	700	720	600	600
NC	1,045	1,390	600	800	495	660	410	600
OH	650	635	370	390	345	340	270	275
10 Sts:	14,040	15,205	8,770	9,460	7,555	7,890	6,175	6,665
KY	285	310	175	190	135	150	105	110
MI	300	305	220	220	210	210	190	185
PA	283	305	206	200	165	170	129	150
SD	620	630	350	380	275	320	220	255
TN	195	230	100	140	75	105	70	85
WI	380	380	215	235	200	200	175	170
16 Sts:	16,103	17,365	10,036	10,825	8,615	9,045	7,064	7,620
Oth 1/:	1,560	1,650	1,000	1,040	700	730	690	710
US	17,663	19,015	11,036	11,865	9,315	9,775	7,754	8,330

1/ Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
June 1, 1991-92

State	Breeding			Market			Total		
	1991	1992	as % of 1991	1991	1992	as % of 1991	1991	1992	as % of 1991
	Number	Number	Number	Number	Number	Number	Number	Number	Number
	- 1,000 Head - Percent		- 1,000 Head - Percent		- 1,000 Head - Percent				
GA	160	155	97	990	975	98	1,150	1,130	98
IL	760	720	95	4,840	4,980	103	5,600	5,700	102
IN	565	575	102	3,935	4,025	102	4,500	4,600	102
IA	1,820	1,900	104	12,780	13,900	109	14,600	15,800	108
KS	180	185	103	1,340	1,335	100	1,520	1,520	100
MN	620	600	97	4,080	4,350	107	4,700	4,950	105
MO	410	395	96	2,490	2,505	101	2,900	2,900	100
NE	570	570	100	3,830	3,930	103	4,400	4,500	102
NC	375	465	124	2,775	3,735	135	3,150	4,200	133
OH	260	275	106	1,740	1,650	95	2,000	1,925	96
10 Sts:	5,720	5,840	102	38,800	41,385	107	44,520	47,225	106
KY	125	125	100	705	745	106	830	870	105
MI	170	180	106	1,130	1,120	99	1,300	1,300	100
PA	100	103	103	790	827	105	890	930	104
SD	260	255	98	1,610	1,645	102	1,870	1,900	102
TN	105	100	95	545	540	99	650	640	98
WI	170	180	106	960	1,020	106	1,130	1,200	106
16 Sts:	6,650	6,783	102	44,540	47,282	106	51,190	54,065	106
Oth 1/:	850	820	96	4,350	4,380	101	5,200	5,200	100
US	7,500	7,603	101	48,890	51,662	106	56,390	59,265	105

1/ Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, by Weight Groups,  
June 1, 1991-92

State	Under 60 lbs		60-119 lbs		120-179 lbs		180 lbs and Over	
	1991	1992	1991	1992	1991	1992	1991	1992
	1,000 Head							
GA	430	420	270	265	190	190	100	100
IL	1,950	1,970	1,260	1,270	920	970	710	770
IN	1,530	1,590	1,055	1,060	760	770	590	605
IA	5,500	5,800	3,260	3,500	2,250	2,600	1,770	2,000
KS	510	510	325	330	290	285	215	210
MN	1,690	1,780	1,050	1,120	760	830	580	620
MO	1,170	1,170	580	590	390	420	350	325
NE	1,670	1,710	960	980	690	700	510	540
NC	1,140	1,425	625	895	520	745	490	670
OH	800	760	430	410	300	280	210	200
10 Sts:	16,390	17,135	9,815	10,420	7,070	7,790	5,525	6,040
KY	290	310	185	190	130	140	100	105
MI	555	550	240	230	175	175	160	165
PA	285	297	200	206	171	182	134	142
SD	730	730	420	410	255	280	205	225
TN	235	225	140	140	95	100	75	75
WI	395	420	245	260	175	180	145	160
16 Sts:	18,880	19,667	11,245	11,856	8,071	8,847	6,344	6,912
Oth 1/:	1,870	1,880	1,130	1,140	750	760	600	600
US	20,750	21,547	12,375	12,996	8,821	9,607	6,944	7,512

1/ Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
September 1, 1991-92

State	Breeding			Market			Total		
	1992			1992			1992		
	1991	: as % of:	1991	1991	: as % of:	1991	: as % of:	1991	
	Number:	1991	Number:	1991	Number:	1991	Number:	1991	
	1,000 Head	Percent	1,000 Head	Percent	1,000 Head	Percent	1,000 Head	Percent	
GA	155	155	100	965	975	101	1,120	1,130	101
IL	770	730	95	5,430	5,470	101	6,200	6,200	100
IN	570	580	102	4,130	4,220	102	4,700	4,800	102
IA	1,820	1,950	107	13,980	14,950	107	15,800	16,900	107
KS	175	180	103	1,295	1,410	109	1,470	1,590	108
MN	620	570	92	4,430	4,330	98	5,050	4,900	97
MO	375	385	103	2,375	2,515	106	2,750	2,900	105
NE	530	550	104	3,920	4,050	103	4,450	4,600	103
NC	410	500	122	2,990	3,800	127	3,400	4,300	126
OH	250	235	94	1,710	1,590	93	1,960	1,825	93
10 Sts:	5,675	5,835	103	41,225	43,310	105	46,900	49,145	105
KY	140	130	93	760	800	105	900	930	103
MI	175	175	100	1,175	1,175	100	1,350	1,350	100
PA	110	110	100	830	870	105	940	980	104
SD	255	235	92	1,665	1,570	94	1,920	1,805	94
TN	95	95	100	575	565	98	670	660	99
WI	170	180	106	1,000	1,040	104	1,170	1,220	104
16 Sts:	6,620	6,760	102	47,230	49,330	104	53,850	56,090	104
Oth 1/:	640	650	102	4,760	4,800	101	5,400	5,450	101
US	7,260	7,410	102	51,990	54,130	104	59,250	61,540	104

1/ Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, by Weight Groups,  
September 1, 1991-92

State	Under 60 lbs		60-119 lbs		120-179 lbs		180 lbs and Over	
	1991	1992	1991	1992	1991	1992	1991	1992
	1,000 Head							
GA	390	400	250	250	195	195	130	130
IL	2,070	2,010	1,320	1,330	1,110	1,150	930	980
IN	1,515	1,580	1,040	1,055	925	915	650	670
IA	5,000	5,450	3,700	4,050	3,030	3,050	2,250	2,400
KS	475	515	315	340	285	310	220	245
MN	1,870	1,690	1,080	1,110	820	840	660	690
MO	985	1,065	545	560	460	470	385	420
NE	1,660	1,740	890	910	770	780	600	620
NC	1,255	1,530	670	860	580	760	485	650
OH	685	640	440	390	380	350	205	210
10 Sts:	15,905	16,620	10,250	10,855	8,555	8,820	6,515	7,015
KY	320	330	200	215	140	150	100	105
MI	410	410	360	360	230	220	175	185
PA	305	322	210	214	175	185	140	149
SD	675	595	415	410	340	345	235	220
TN	225	235	145	135	120	115	85	80
WI	395	425	260	265	190	190	155	160
16 Sts:	18,235	18,937	11,840	12,454	9,750	10,025	7,405	7,914
Oth 1/:	1,890	1,920	1,140	1,160	870	865	860	855
US	20,125	20,857	12,980	13,614	10,620	10,890	8,265	8,769

1/ Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
December 1, 1990-91

State	Breeding			Market			Total		
	1991			1991			1991		
	1990	:as % of:		1990	:as % of:		1990	:as % of:	
	Number:	1990		Number:	1990		Number:	1990	
	1,000 Head	Percent	-	1,000 Head	Percent	-	1,000 Head	Percent	
GA	160	160	100	940	970	103	1,100	1,130	103
IL	710	740	104	4,990	5,160	103	5,700	5,900	104
IN	540	555	103	3,860	4,045	105	4,400	4,600	105
IA	1,600	1,800	113	12,200	13,200	108	13,800	15,000	109
KS	170	170	100	1,330	1,260	95	1,500	1,430	95
MN	560	590	105	3,940	4,310	109	4,500	4,900	109
MO	405	380	94	2,395	2,320	97	2,800	2,700	96
NE	530	550	104	3,770	3,950	105	4,300	4,500	105
NC	330	440	133	2,470	3,210	130	2,800	3,650	130
OH	252	225	89	1,748	1,700	97	2,000	1,925	96
10 Sts:	5,257	5,610	107	37,643	40,125	107	42,900	45,735	107
KY	130	135	104	790	815	103	920	950	103
MI	170	175	103	1,080	1,125	104	1,250	1,300	104
PA	100	100	100	820	820	100	920	920	100
SD	245	260	106	1,525	1,690	111	1,770	1,950	110
TN	90	90	100	530	580	109	620	670	108
WI	175	170	97	1,025	1,010	99	1,200	1,180	98
16 Sts:	6,167	6,540	106	43,413	46,165	106	49,580	52,705	106
Oth 1/:	703	714	102	4,194	4,265	102	4,897	4,979	102
US	6,870	7,254	106	47,607	50,430	106	54,477	57,684	106

1/ Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, by Weight Groups,  
December 1, 1990-91

State	Under 60 lbs		60-119 lbs		120-179 lbs		180 lbs and Over	
	1990	1991	1990	1991	1990	1991	1990	1991
	1,000 Head							
GA	385	415	255	260	185	180	115	115
IL	1,840	1,900	1,180	1,240	1,070	1,100	900	920
IN	1,340	1,380	1,055	1,110	820	860	645	695
IA	4,400	4,570	3,270	3,550	2,450	2,840	2,080	2,240
KS	500	450	350	335	265	260	215	215
MN	1,480	1,630	1,020	1,100	810	860	630	720
MO	985	935	600	565	455	440	355	380
NE	1,460	1,560	960	1,000	740	770	610	620
NC	1,055	1,375	565	730	455	600	395	505
OH	660	640	438	435	350	345	300	280
10 Sts:	14,105	14,855	9,693	10,325	7,600	8,255	6,245	6,690
KY	306	320	198	210	156	155	130	130
MI	330	350	250	260	255	275	245	240
PA	287	280	215	216	177	180	141	144
SD	610	670	380	435	300	325	235	260
TN	210	225	130	150	110	115	80	90
WI	375	355	265	260	210	215	175	180
16 Sts:	16,223	17,055	11,131	11,856	8,808	9,520	7,251	7,734
Oth <u>1</u> /:	1,643	1,623	1,075	1,113	833	862	643	668
US	17,866	18,678	12,206	12,969	9,641	10,382	7,894	8,402

1/ Individual State estimates not available for the 34 other States.

Farrowings: Number of Sows, Pigs per Litter and Pig Crop,  
December - February 1991-93 <sup>1/</sup>

State	Sows Farrowing				Pigs		Pig Crop <sup>2/</sup>			
	1991	1992	1993 <sup>3/</sup>	: as % of: Number: 1992	: per Litter		1991	: as % of Number: 1991		
	---- 1,000 Head ----		Percent		----- 1,000 Head -----		Percent			
GA	60	58	57	98	8.00	7.45	480	432	90	
IL	270	280	270	96	7.60	7.90	2,052	2,212	108	
IN	230	230	235	102	7.85	8.10	1,806	1,863	103	
IA	650	730	790	108	7.75	8.10	5,038	5,913	117	
KS	74	76	74	97	7.90	8.00	585	608	104	
MN	230	250	240	96	8.10	8.20	1,863	2,050	110	
MO	140	145	145	100	7.70	7.80	1,078	1,131	105	
NE	220	220	230	105	8.00	8.10	1,760	1,782	101	
NC	165	210	250	119	8.25	8.40	1,361	1,764	130	
OH	90	90	90	100	8.30	8.00	747	720	96	
10 Sts	2,129	2,289	2,381	104	7.88	8.07	16,770	18,475	110	
KY	46	50	48	96	7.70	7.64	354	382	108	
MI	45	47	50	106	7.90	8.00	356	376	106	
PA	38	40	40	100	8.20	8.40	312	336	108	
SD	91	95	84	88	8.10	7.90	737	751	102	
TN	33	36	35	97	7.60	7.80	251	281	112	
WI	63	65	68	105	7.95	7.70	501	501	100	
16 Sts	2,445	2,622	2,706	103	7.89	8.05	19,281	21,102	109	
Oth <sup>4/</sup>	266	270	275	102	7.68	7.78	2,044	2,100	103	
US	2,711	2,892	2,981	103	7.87	8.02	21,325	23,202	109	

<sup>1/</sup> December preceding year.

<sup>2/</sup> Number of pigs born Dec-Feb, were on hand March 1, or had been sold.

<sup>3/</sup> Intentions.

<sup>4/</sup> Individual State estimates not available for the 34 other States.



Farrowings: Number of Sows, Pigs per Litter and Pig Crop,  
March - May 1991-92

State	Sows Farrowing			Pigs per Litter		Pig Crop <u>1/</u>		
	1991	1992	: as % of:	1991	1992	1991	1992	: as % of
	: Number	: Number	: 1991	: 1991	: 1992	: Number	: Number	: 1991
	- 1,000 Head -	Percent		-- Number --		- 1,000 Head --	Percent	
GA	64	61	95	7.75	7.85	496	479	97
IL	340	340	100	7.60	7.75	2,584	2,635	102
IN	255	260	102	8.10	8.15	2,066	2,119	103
IA	850	890	105	7.95	8.10	6,758	7,209	107
KS	77	79	103	7.90	8.10	608	640	105
MN	270	275	102	8.25	8.30	2,228	2,283	102
MO	185	175	95	7.60	7.85	1,406	1,374	98
NE	250	250	100	7.95	8.10	1,988	2,025	102
NC	180	215	119	8.70	8.55	1,566	1,838	117
OH	115	110	96	8.10	8.20	932	902	97
10 Sts	2,586	2,655	103	7.98	8.10	20,632	21,504	104
KY	47	49	104	7.75	7.90	364	387	106
MI	83	89	107	7.90	8.10	656	721	110
PA	40	41	103	8.40	8.30	336	340	101
SD	126	120	95	8.00	8.00	1,008	960	95
TN	40	37	93	7.50	7.60	300	281	94
WI	68	73	107	7.85	7.75	534	566	106
16 Sts	2,990	3,064	102	7.97	8.08	23,830	24,759	104
Oth <u>2/</u>	295	300	102	7.84	8.00	2,312	2,400	104
US	3,285	3,364	102	7.96	8.07	26,142	27,159	104

1/ Number of pigs born March-May, were on hand June 1, or had been sold.

2/ Individual State estimates not available for the 34 other States

Farrowings: Number of Sows, Pigs per Litter and Pig Crop,  
June - August 1991-92

State	Sows Farrowing			Pigs per Litter		Pig Crop <u>1/</u>		
	1992			1991		1992		
	1991	Number	as % of 1991	Number	1992	1991	Number	as % of 1991
	- 1,000 Head -	Percent		-- Number --		- 1,000 Head --	Percent	
GA	57	58	102	7.65	7.75	436	450	103
IL	330	325	98	7.80	7.85	2,574	2,551	99
IN	245	250	102	7.85	8.15	1,923	2,038	106
IA	800	840	105	7.70	8.20	6,160	6,888	112
KS	74	77	104	7.85	8.25	581	635	109
MN	270	255	94	8.20	8.40	2,214	2,142	97
MO	155	165	106	7.45	7.70	1,155	1,271	110
NE	220	230	105	8.10	8.10	1,782	1,863	105
NC	190	220	116	8.70	8.60	1,653	1,892	114
OH	100	93	93	8.00	8.20	800	763	95
10 Sts	2,441	2,513	103	7.90	8.15	19,278	20,493	106
KY	50	51	102	7.85	8.10	393	413	105
MI	72	74	103	7.80	7.90	562	585	104
PA	39	42	108	8.20	8.50	320	357	112
SD	108	96	89	7.95	8.05	859	773	90
TN	40	40	100	7.20	7.60	288	304	106
WI	67	70	104	7.80	8.20	523	574	110
16 Sts	2,817	2,886	102	7.89	8.14	22,223	23,499	106
Oth <u>2/</u>	280	280	100	7.89	8.05	2,209	2,254	102
US	3,097	3,166	102	7.89	8.13	24,432	25,753	105

1/ Number of pigs born June-August, were on hand September 1 or hand been sold.

2/ Individual State estimates not available for the 34 other States.

Farrowings: Number of Sows, Pigs per Litter and Pig Crop,  
September - November 1990-92

State	Sows Farrowing				Pigs		Pig Crop <u>1/</u>		
	1990	1991	1992 <u>2/</u>	as % of: Number: 1991	Per Litter		1990	1991	as % of Number: 1990
	----- 1,000 Head -----				Percent		----- 1,000 Head -----		
GA	55	60	59	98	7.70	7.65	424	459	108
IL	310	320	310	97	7.55	7.70	2,341	2,464	105
IN	220	230	230	100	8.00	7.90	1,760	1,817	103
IA	700	740	800	108	7.70	7.65	5,390	5,661	105
KS	74	73	76	104	7.90	7.81	585	570	97
MN	225	245	235	96	8.20	8.25	1,845	2,021	110
MO	175	155	165	106	7.20	7.80	1,260	1,209	96
NE	220	230	235	102	7.90	8.00	1,738	1,840	106
NC	160	205	245	120	8.40	8.60	1,344	1,763	131
OH	99	90	90	100	7.80	8.30	772	747	97
10 Sts	2,238	2,348	2,445	104	7.80	7.90	17,459	18,551	106
KY	47	51	51	100	7.90	7.61	371	388	105
MI	52	58	60	103	8.10	7.70	421	447	106
PA	40	39	41	105	8.10	8.30	324	324	100
SD	100	110	105	95	7.85	7.95	785	875	111
TN	34	38	36	95	7.70	7.70	262	293	112
WI	63	60	65	108	7.80	7.55	491	453	92
16 Sts	2,574	2,704	2,803	104	7.81	7.89	20,113	21,331	106
Oth <u>3/</u>	264	265	265	100	7.88	7.91	2,081	2,096	101
US	2,838	2,969	3,068	103	7.82	7.89	22,194	23,427	106

1/ Number of pigs born September-November, were on December 1, or had been sold.

2/ Intentions.

3/ Individual State estimates not available for the 34 other States.

## Reliability of September 1 Hogs and Pigs Estimates

**Survey Procedures:** A random sample of U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 76,000 operators during the first half of September by mail, telephone, and face-to-face personal interviews. Regardless of when operators responded, they were asked to report inventories as of September 1.

**Estimation Procedures:** These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

**Revision Policy:** Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous quarter are subject to revision when current estimates are made. In September, estimates for the previous June are reviewed and in December, estimates for all quarters of the previous two years are reviewed. The reviews are primarily based on hog check-off receipts and hog slaughter. Estimates will also be reviewed after data from the Department of Commerce's five-year Census of Agriculture are available. No revisions will be made after that date.

**Reliability:** Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the table below. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 16 quarters is 0.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 61.5 million head by more than 0.9 percent, or about 554,000 head. Chances are 9 out of 10 that the difference will not exceed 1.6 percent, or about 985,000 head (the 90 percent confidence level).

Reliability of September 1 Hog Estimates 1/

	Root Mean Square Error	90% Confidence Level	(000) Head	Average	Smallest	Largest	First Above Final	First Below Final
	Percent	Percent	1,000 Head				Number	Number
All Hogs & Pigs	0.9	1.6	985	-41	0	-1,130	8	7
Pig Crop	1.3	2.3	592	61	0	-562	6	9
Expected Farrowings								
Next Quarter	2.9	5.0	153	-8	-8	132	10	6
Following Quarter	4.0	7.0	209	11	-2	214	9	7

1/ Based on quarterly records for the past 16 quarters.

2/ Records for the past 16 quarters.

3/ There was no change from first to final estimates of All Hogs & Pigs and Pig Crop in 1 of the 16 quarters represented.

The next "Hogs and Pigs" report will be released at 3:00 p.m. ET. on December 30, 1992

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