

# Hogs and Pigs



United States  
Department of  
Agriculture

Washington, D.C.

Released June 30, 1992, by the Agricultural Statistics Board. Estimates refer to June 1 and March-May 1992.

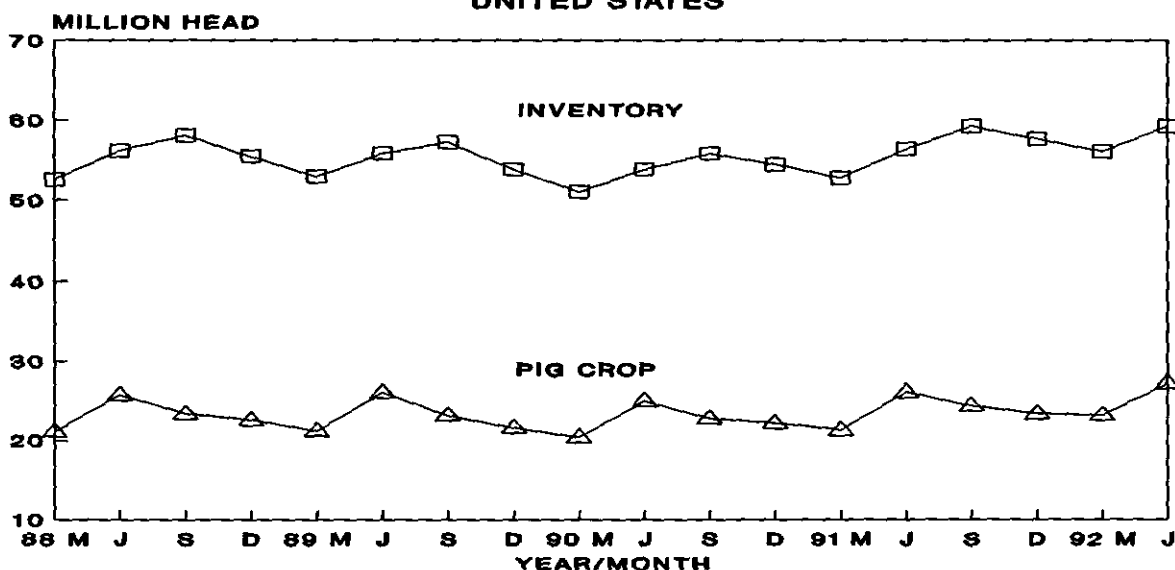
## U.S. Hog Inventory Up 5 Percent

U.S. inventory of all hogs and pigs on June 1, 1992, was 59.3 million head. This was 5 percent above last year and 10 percent above June 1, 1990.

Breeding inventory, at 7.60 million head, was 1 percent above last year and 7 percent above two years ago. Market hog inventory, at 51.7 million head, was 6 percent above a year ago and 10 percent above June 1, 1990.

The December 1991-May 1992 U.S. pig crop was 50.4 million head, 6 percent more than last year and 11 percent above the same period two years ago. Sows farrowing during the six month period totaled 6.26 million, up 4 percent from last year and 9 percent above the same period in 1990. Pigs saved per litter was 8.05, a new record high for the period, compared with 7.92 last year and 7.89 two years ago. The March-May U.S. pig crop was 27.2 million head, 4 percent above a year earlier.

## JUNE 1 INVENTORY & PIG CROP UNITED STATES



An 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 6.18 million sows farrow during the June-November period, a 2 percent increase from the actual sows farrowed during the same period in 1991 and 8 percent above two years ago. Farrowings for June-August are expected to be up 1 percent from last year and September-November farrowings are expected to be 3 percent above a year earlier.

### 16 State Inventory Increases 6 Percent

Inventory on hand June 1 in the 16 quarterly States totaled 54.1 million head, up 6 percent from last year and 10 percent above June 1, 1990. The 16 states accounted for about 91 percent of the total U.S. hog and pig inventory.

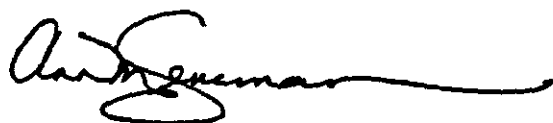
The December-May pig crop in the 16 States was 45.9 million head, 6 percent above last year and up 11 percent from 1990. The March-May pig crop totaled 24.8 million head, 4 percent higher than the past year and up 9 percent from two years ago.

Farrowing intentions in the 16 quarterly States for June-November are 5.64 million head, up 2 percent from the same period last year and 9 percent above two years ago. June-August intended farrowings, at 2.86 million head are up 1 percent from the comparable quarter in 1991. September-November intended farrowings, at 2.79 million head, are 3 percent above last year.

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\* This report contains revised estimates for the March 1, 1992, \*  
\* inventory and December-February 1992 pig crop. \*  
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This report was approved on June 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			
Kept for Breeding	6,815	7,260			
Market	49,125	51,990			
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	18,936	20,125			
60-119 Pounds	12,218	12,980			
120-179 Pounds	10,132	10,620			
180 Pounds and Over	7,839	8,265			
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,  
1990-92, United States

Item	1990	1991	1992	1992 as % of	
				1990	1991
	----- 1,000 Head -----			-- Percent --	
Sows Farrowing:					
Dec <u>1</u> /-Feb	2,602	2,711	2,892	111	107
Mar-May	3,143	3,285	3,364	107	102
Dec <u>1</u> /-May	5,745	5,996	6,256	109	104
Jun-Aug	2,879	3,097	<u>2</u> /3,136	109	101
Sept-Nov	2,838	2,969	<u>2</u> /3,045	107	103
Jun-Nov	5,717	6,066	<u>2</u> /6,181	108	102
Pig Crop:					
Dec <u>1</u> /-Feb	20,362	21,325	23,202	114	109
Mar-May	24,959	26,142	27,159	109	104
Dec <u>1</u> /-May	45,321	47,467	50,361	111	106
Jun-Aug	22,745	24,432			
Sept-Nov	22,194	23,427			
Jun-Nov	44,939	47,859			
Pigs per Litter:					
	----- Number -----				
Dec <u>1</u> /-Feb	7.83	7.87	8.02	102	102
Mar-May	7.94	7.96	8.07	102	101
Dec <u>1</u> /-May	7.89	7.92	8.05	102	102
Jun-Aug	7.90	7.89			
Sept-Nov	7.82	7.89			
Jun-Nov	7.86	7.89			

1/ December preceding year.

2/ Intentions.

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			
Kept for Breeding	5,300	5,675			
Market	38,820	41,225			
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	14,880	15,905			
60-119 Pounds	9,580	10,250			
120-179 Pounds	8,190	8,555			
180 Pounds and Over	6,170	6,515			
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,  
1990-92, 10 States 1/

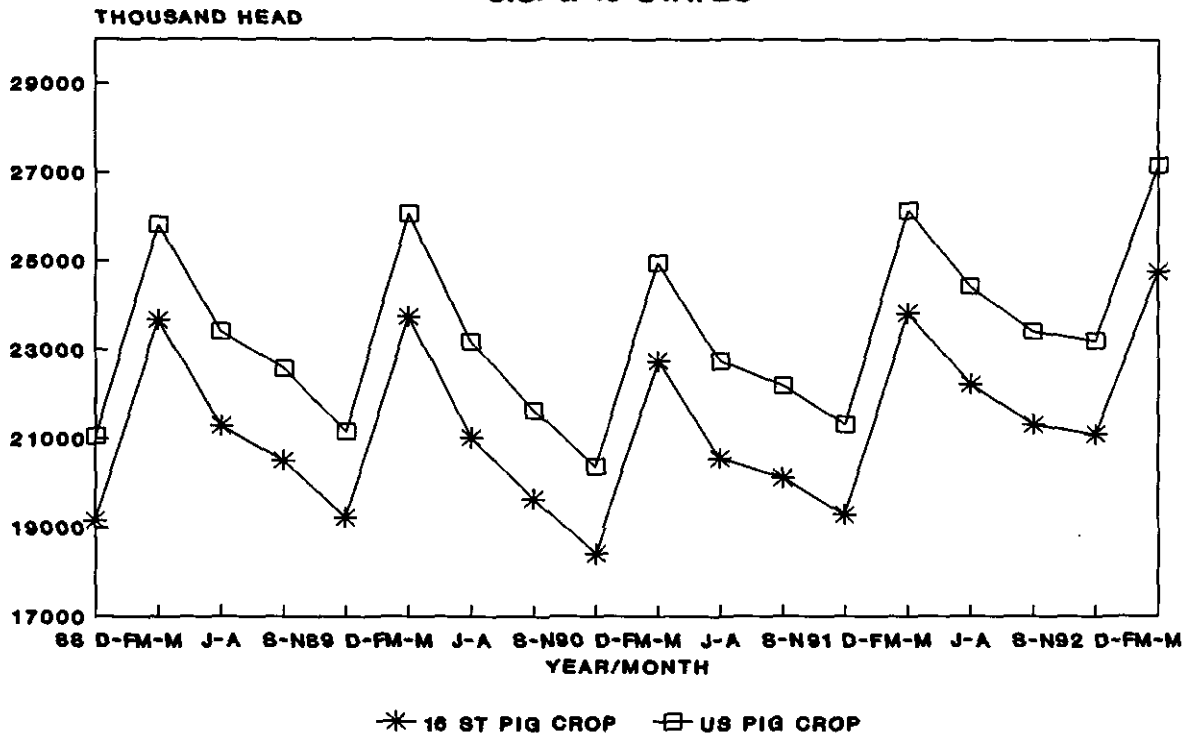
Item	1990	1991	1992	1992 as % of	
				1990	1991
	----- 1,000 Head -----			-- Percent --	
Sows Farrowing:					
Dec <u>2/</u> -Feb	2,028	2,129	2,289	113	108
Mar-May	2,458	2,586	2,655	108	103
Dec <u>2/</u> -May	4,486	4,715	4,944	110	105
Jun-Aug	2,236	2,441	<u>3/2</u> ,482	111	102
Sept-Nov	2,238	2,348	<u>3/2</u> ,414	108	103
Jun-Nov	4,474	4,789	<u>3/4</u> ,896	109	102
Pig Crop:					
Dec <u>2/</u> -Feb	15,870	16,770	18,475	116	110
Mar-May	19,576	20,632	21,504	110	104
Dec <u>2/</u> -May	35,446	37,402	39,979	113	107
Jun-Aug	17,684	19,278			
Sept-Nov	17,459	18,551			
Jun-Nov	35,143	37,829			
Pigs per Litter:					
Dec <u>2/</u> -Feb	7.83	7.88	8.07	103	102
Mar-May	7.96	7.98	8.10	102	102
Dec <u>2/</u> -May	7.90	7.93	8.09	102	102
Jun-Aug	7.91	7.90			
Sept-Nov	7.80	7.90			
Jun-Nov	7.85	7.90			

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

2/ Dec preceding year.

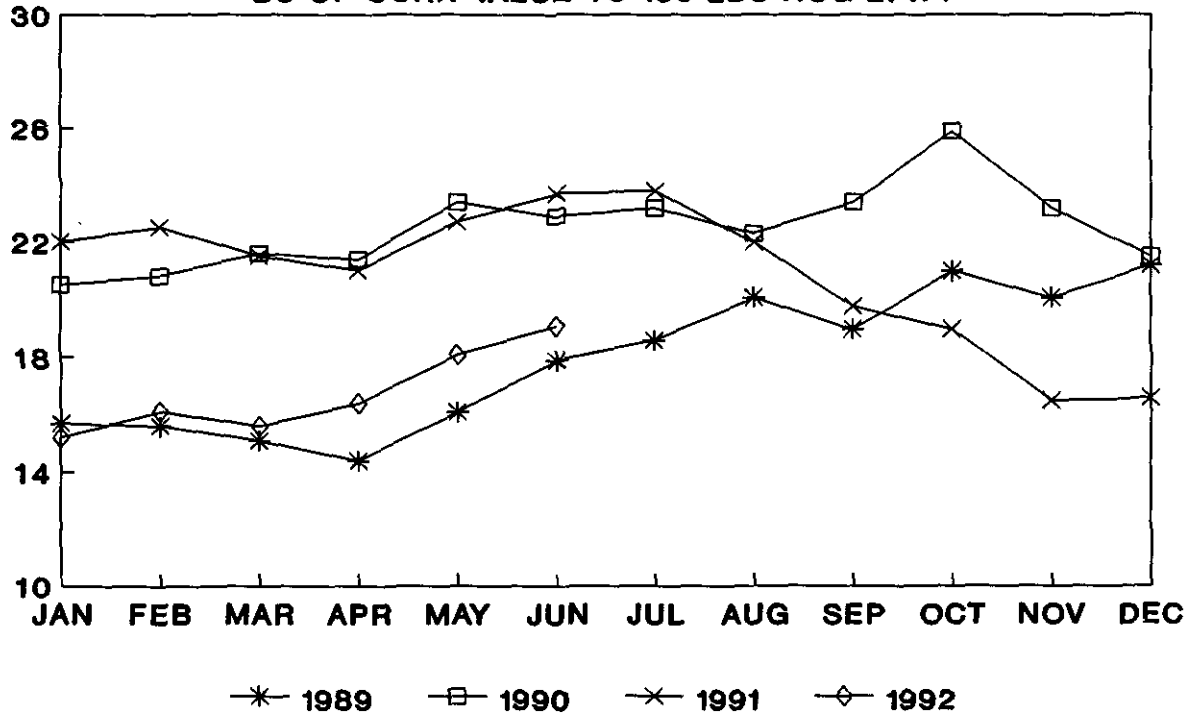
3/ Intentions.

## PIG CROP U.S. & 16 STATES



## US HOG-CORN PRICE RATIO

BU OF CORN=VALUE TO 100 LBS HOG LVWT



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

State	Breeding			Market			Total			
	1992			1992			1992			
	1991	as % of	1991	1991	as % of	1991	1991	as % of	1991	
	Number:	1991	Number:	1991	Number:	1991	Number:	1991	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	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 Sts <sup>1/</sup>	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	

<sup>1/</sup> 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 Sts <u>1/</u>	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		
	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		
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 Sts <u>1/</u>	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 Sts <u>1/</u>	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, 1990-91

State	Breeding			Market			Total		
	1990	1991	as % of 1990	1990	1991	as % of 1990	1990	1991	as % of 1990
	Number	Number	1990	Number	Number	1990	Number	Number	1990
	- 1,000 Head - Percent			- 1,000 Head -- Percent			- 1,000 Head - Percent		
GA	160	155	97	990	965	97	1,150	1,120	97
IL	700	770	110	5,000	5,430	109	5,700	6,200	109
IN	550	570	104	3,950	4,130	105	4,500	4,700	104
IA	1,660	1,820	110	13,040	13,980	107	14,700	15,800	107
KS	180	175	97	1,370	1,295	95	1,550	1,470	95
MN	580	620	107	4,220	4,430	105	4,800	5,050	105
MO	400	375	94	2,350	2,375	101	2,750	2,750	100
NE	490	530	108	3,710	3,920	106	4,200	4,450	106
NC	320	410	128	2,380	2,990	126	2,700	3,400	126
OH	260	250	96	1,810	1,710	94	2,070	1,960	95
10 Sts	5,300	5,675	107	38,820	41,225	106	44,120	46,900	106
KY	135	140	104	765	760	99	900	900	100
MI	165	175	106	1,165	1,175	101	1,330	1,350	102
PA	105	110	105	845	830	98	950	940	99
SD	240	255	106	1,520	1,665	110	1,760	1,920	109
TN	105	95	90	545	575	106	650	670	103
WI	165	170	103	965	1,000	104	1,130	1,170	104
16 Sts	6,215	6,620	107	44,625	47,230	106	50,840	53,850	106
Oth Sts <u>1/</u>	600	640	107	4,500	4,760	106	5,100	5,400	106
US	6,815	7,260	107	49,125	51,990	106	55,940	59,250	106

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

Market Hogs and Pigs: Inventory Number, by Weight Groups,  
September 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	420	390	260	250	185	195	125	130
IL	1,810	2,070	1,260	1,320	1,070	1,110	860	930
IN	1,480	1,515	980	1,040	880	925	610	650
IA	4,700	5,000	3,350	3,700	2,900	3,030	2,090	2,250
KS	510	475	325	315	300	285	235	220
MN	1,730	1,870	1,020	1,080	820	820	650	660
MO	990	985	540	545	430	460	390	385
NE	1,540	1,660	840	890	750	770	580	600
NC	980	1,255	560	670	465	580	375	485
OH	720	685	445	440	390	380	255	205
10 Sts	14,880	15,905	9,580	10,250	8,190	8,555	6,170	6,515
KY	310	320	205	200	145	140	105	100
MI	400	410	360	360	230	230	175	175
PA	305	305	210	210	180	175	150	140
SD	620	675	385	415	305	340	210	235
TN	240	225	125	145	100	120	80	85
WI	381	395	253	260	182	190	149	155
16 Sts	17,136	18,235	11,118	11,840	9,332	9,750	7,039	7,405
Oth Sts <u>1/</u>	1,800	1,890	1,100	1,140	800	870	800	860
US	18,936	20,125	12,218	12,980	10,132	10,620	7,839	8,265

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		
	1990	1991	as % of 1990	1990	1991	as % of 1990	1990	1991	as % of 1990
	Number	Number	Percent	Number	Number	Percent	Number	Number	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 Sts <u>1/</u>	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 Sts <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 1/ - February 1991-92

State	Sows Farrowing			Pigs Per Litter		Pig Crop <u>2</u> /		
	1992		: as % of:	1991	1992	1992		: as % of
	1991	: Number				1991	1991	
	- 1,000 Head -	Percent		-- Number ---		- 1,000 Head --	Percent	
GA	60	58	97	8.00	7.45	480	432	90
IL	270	280	104	7.60	7.90	2,052	2,212	108
IN	230	230	100	7.85	8.10	1,806	1,863	103
IA	650	730	112	7.75	8.10	5,038	5,913	117
KS	74	76	103	7.90	8.00	585	608	104
MN	230	250	109	8.10	8.20	1,863	2,050	110
MO	140	145	104	7.70	7.80	1,078	1,131	105
NE	220	220	100	8.00	8.10	1,760	1,782	101
NC	165	210	127	8.25	8.40	1,361	1,764	130
OH	90	90	100	8.30	8.00	747	720	96
10 Sts	2,129	2,289	108	7.88	8.07	16,770	18,475	110
KY	46	50	109	7.70	7.64	354	382	108
MI	45	47	104	7.90	8.00	356	376	106
PA	38	40	105	8.20	8.40	312	336	108
SD	91	95	104	8.10	7.90	737	751	102
TN	33	36	109	7.60	7.80	251	281	112
WI	63	65	103	7.95	7.70	501	501	100
16 Sts	2,445	2,622	107	7.89	8.05	19,281	21,102	109
Oth								
Sts <u>3</u> /	266	270	102	7.68	7.78	2,044	2,100	103
US	2,711	2,892	107	7.87	8.02	21,325	23,202	109

1/ December preceding year.

2/ Number of pigs born Dec-Feb, were on hand Mar 1, or had been sold.

3/ Individual state estimates not available for 34 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		1991	1992	1991	1992		
		Number	as % of 1991				Number	as % of 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 Sts <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 Mar-May, were on hand Jun 1, or had been sold.

2/ Individual State estimates not available for 34 States.

Farrowings: Number of Sows, Pigs per Litter and Pig Crop,  
June - August 1990-92

State	Sows Farrowing				Pigs		Pig Crop <u>1/</u>		
	1990	1991	1992 <u>2/</u>		Per Litter		1990	1991	
			Number:	as % of 1991	1990	1991		Number:	as % of 1990
	1,000 Head		Percent		1,000 Head		Percent		
GA	58	57	56	98	7.90	7.65	458	436	95
IL	300	330	310	94	7.70	7.80	2,310	2,574	111
IN	230	245	245	100	8.05	7.85	1,852	1,923	104
IA	710	800	820	103	7.90	7.70	5,609	6,160	110
KS	77	74	76	103	7.95	7.85	612	581	95
MN	250	270	265	98	8.00	8.20	2,000	2,214	111
MO	150	155	150	97	7.50	7.45	1,125	1,155	103
NE	205	220	225	102	8.00	8.10	1,640	1,782	109
NC	150	190	230	121	8.20	8.70	1,230	1,653	134
OH	106	100	105	105	8.00	8.00	848	800	94
10 Sts	2,236	2,441	2,482	102	7.91	7.90	17,684	19,278	109
KY	50	50	51	102	7.60	7.85	380	393	103
MI	74	72	75	104	7.65	7.80	566	562	99
PA	42	39	41	105	7.80	8.20	328	320	98
SD	98	108	97	90	7.95	7.95	779	859	110
TN	40	40	40	100	7.80	7.20	312	288	92
WI	65	67	70	104	7.80	7.80	507	523	103
16 Sts	2,605	2,817	2,856	101	7.89	7.89	20,556	22,223	108
Oth									
Sts <u>3/</u>	274	280	280	100	7.99	7.89	2,189	2,209	101
US	2,879	3,097	3,136	101	7.90	7.89	22,745	24,432	107

1/ Number of pigs born Jun-Aug, were on hand Sept 1, or had been sold.

2/ Intentions.

3/ Individual State estimates not available for 34 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		Per Litter		1991		
	1990	1991	:as % of:		1990	1991	1990	:as % of	
		Number:	1991	1990	1991		Number:	1990	
	----- 1,000 Head ----- Percent				----- 1,000 Head ----- Percent				
GA	55	60	58	97	7.70	7.65	424	459	108
IL	310	320	310	97	7.55	7.70	2,341	2,464	105
IN	220	230	235	102	8.00	7.90	1,760	1,817	103
IA	700	740	760	103	7.70	7.65	5,390	5,661	105
KS	74	73	76	104	7.90	7.81	585	570	97
MN	225	245	245	100	8.20	8.25	1,845	2,021	110
MO	175	155	160	103	7.20	7.80	1,260	1,209	96
NE	220	230	230	100	7.90	8.00	1,738	1,840	106
NC	160	205	240	117	8.40	8.60	1,344	1,763	131
OH	99	90	100	111	7.80	8.30	772	747	97
10 Sts	2,238	2,348	2,414	103	7.80	7.90	17,459	18,551	106
KY	47	51	52	102	7.90	7.61	371	388	105
MI	52	58	62	107	8.10	7.70	421	447	106
PA	40	39	40	103	8.10	8.30	324	324	100
SD	100	110	112	102	7.85	7.95	785	875	111
TN	34	38	40	105	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	2,785	103	7.81	7.89	20,113	21,331	106
Oth									
Sts <u>3/</u>	264	265	260	98	7.88	7.91	2,081	2,096	101
US	2,838	2,969	3,045	103	7.82	7.89	22,194	23,427	106

1/ Number of pigs born Sept-Nov, were on hand Dec 1, or had been sold.

2/ Intentions.

3/ Individual State estimates not available for 34 States.

## Reliability of June 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 94,412 operators during the first half of June by mail, telephone, and face-to-face personal interviews. Regardless of when operators responded, they were asked to report inventories as of June 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 June, estimates for the previous March and December 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 59.3 million head by more than 0.9 percent, or about 533,000 head. Chances are 9 out of 10 that the difference will not exceed 1.6 percent, or about 948,000 head (the 90 percent confidence level).

Reliability of June 1 Hog Estimates 1/

Item	Root Mean Square Error	90% Confidence Level	Difference Between First and Final Estimates <u>2/</u>	1,000 Head			Number of Quarters	
				Average	Smallest	Largest	First Above Final	First Below Final
	- Percent -						- Number -	
All Hogs & Pigs	0.9	1.6	948	-45	20	-1130	9	7
Pig Crop	1.3	2.3	625	64	17	-562	6	10
Expected Farrowings								
Next Quarter	3.2	5.6	176	-0	-8	164	10	6
Following Quarter	4.0	7.1	216	12	-2	214	9	7

1/ Based on quarterly data from June 1988 through March 1992.

2/ Records for the past 12 quarters.

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Index

	Page
Hogs and Pigs Inventory Number, by Quarters, U.S.....	3
Farrowings, Number of Sows, Pig Crop, and Pigs Per Litter, U.S.....	4
Hogs and Pigs Inventory Number, by Quarters, 10 States .....	5
Farrowings, Number of Sows, Pig Crop, and Pigs Per Litter, 10 States ....	6
Inventory, Total and Breeding, Market Hogs, and Market Hogs, by Weight Groups, Quarterly States, March 1 .....	8
Inventory, Total and Breeding, Market Hogs, and Market Hogs, by Weight Groups, Quarterly States, June 1 .....	10
Inventory, Total and Breeding, Market Hogs, and Market Hogs, by Weight Groups, Quarterly States, September 1 .....	12
Inventory, Total and Breeding, Market Hogs, and Market Hogs, by Weight Groups, Quarterly States, December 1 .....	14
Farrowings, Number of Sows, Pigs Per Litter, and Pig Crop, December-February, Quarterly States .....	16
Farrowings, Number of Sows, Pigs Per Litter, and Pig Crop, March-May, Quarterly States .....	17
Farrowings, Number of Sows, Pigs Per Litter, and Pig Crop, June-August, Quarterly States .....	18
Farrowings, Number of Sows, Pigs Per Litter, and Pig Crop, September-November, Quarterly States .....	19
Survey and Estimation Procedures, Revision Policy and Reliability .....	20
Release and Subscription Information .....	23

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

