

# Hogs and Pigs



USDA  
Washington, D.C.

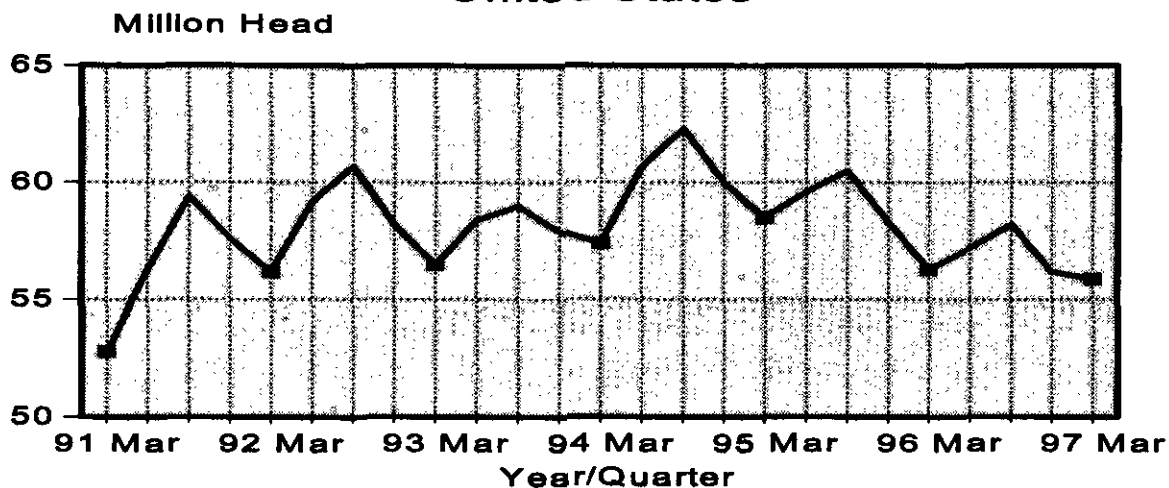
Released March 27, 1997, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Hogs and Pigs" call Mike Pallesen at (202) 720-3106, office hours 7:30 a.m. to 4:00 p.m. ET.

## U.S. Hog Inventory Down 1 Percent

**U.S. inventory** of all hogs and pigs on March 1, 1997, was 55.9 million head. This was 1 percent below March 1996 and slightly below the December 1, 1996, inventory.

**Breeding inventory**, at 6.80 million head is up 1 percent from March 1, 1996 and up 2 percent from December 1, 1996. **Market hog inventory**, at 49.1 million head was 1 percent below both last year and last quarter.

## Quarterly Hogs and Pigs Inventory United States



**The December 1996-February 1997 U.S. pig crop** at 23.1 million head was slightly more than 1996 but 3 percent less than 1995. Sows farrowing during this period totaled 2.68 million head, 2 percent below last year. Litter rate increases continue at a record level, with an average of 8.62 pigs saved per litter for the December-February period. Last year the litter rate averaged 8.40 pigs per litter. Pigs saved per litter by size of operation ranged from 7.20 for operations with 1-99 hogs to 8.90 for operations with more than 2,000 hogs and pigs.

**U.S. hog producers** intend to have 2.96 million sows farrow during the March-May 1997 quarter, slightly below the actual farrowings during the same period last year, and 7 percent lower than 1995. Intended farrowings for June-August 1997, at 2.82 million sows are 2 percent above 1996 but 5 percent below the 1995 period.

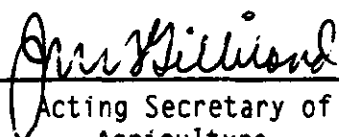
The total number of hogs under contract, owned by operations with over 5,000 head total inventory, but raised by contractees, accounted for 24 percent of the total U.S. hog inventory. This compares to 21 percent in December 1996.

#### Revisions

**All inventory and pig crop estimates** for 1996 were reviewed using final pig crop, official slaughter, import, and export data in U. S. level balance sheets. Based on the findings of this review, slight revisions were made to the inventories for December 1996.


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This report was approved on March 27, 1997, by the Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.



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Acting Secretary of  
Agriculture  
James S. Gilliland



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Agricultural Statistics Board  
Chairperson  
Rich Allen

Hogs and Pigs: Inventory Number by Class, Weight Group,  
and Quarter, United States, 1995-97

Item	1995	1996	1997	:1997 as % of	
				: 1995	: 1996
				----- 1,000 Head -----	
				Percent	
March 1 Inventory					
All Hogs and Pigs	58,465	56,340	55,900	96	99
Kept for Breeding	6,998	6,765	6,800	97	101
Market	51,467	49,575	49,100	95	99
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	19,251	18,790	18,660	97	99
60-119 Pounds	12,498	11,980	11,730	94	98
120-179 Pounds	10,594	10,095	10,070	95	100
180 Pounds and Over	9,124	8,710	8,640	95	99
June 1 Inventory					
All Hogs and Pigs	59,560	57,200			
Kept for Breeding	7,180	6,870			
Market	52,380	50,330			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	21,270	20,265			
60-119 Pounds	13,060	12,700			
120-179 Pounds	9,865	9,800			
180 Pounds and Over	8,185	7,565			
September 1 Inventory					
All Hogs and Pigs	60,540	58,200			
Kept for Breeding	6,898	6,770			
Market	53,642	51,430			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	20,235	19,330			
60-119 Pounds	13,532	12,800			
120-179 Pounds	10,985	10,600			
180 Pounds and Over	8,890	8,700			
December 1 Inventory					
All Hogs and Pigs	58,264	56,171			
Kept for Breeding	6,839	6,655			
Market	51,425	49,516			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	18,881	18,414			
60-119 Pounds	12,808	12,239			
120-179 Pounds	10,702	10,315			
180 Pounds and Over	9,034	8,548			

Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
United States, 1995-97

Item	1995	1996	1997	1997 as % of	
				1995	1996
	----- 1,000 Head -----			Percent	
Sows Farrowing					
Dec-Feb 1/	2,886	2,745	2,677	93	98
Mar-May 2/	3,170	2,964	2,962	93	100
Dec-May 1/ 3/	6,056	5,709	5,639	93	99
Jun-Aug 2/	2,976	2,761	2,816	95	102
Sep-Nov	2,815	2,717			
Jun-Nov	5,791	5,478			
Pig Crop					
Dec-Feb 1/	23,851	23,054	23,069	97	100
Mar-May	26,373	25,092			
Dec-May 1/	50,224	48,146			
Jun-Aug	24,813	23,667			
Sep-Nov	23,479	23,159			
Jun-Nov	48,292	46,826			
	----- Number -----				
Pigs per Litter					
Dec-Feb 1/	8.27	8.40	8.62	104	103
Mar-May	8.32	8.47			
Dec-May 1/	8.29	8.43			
Jun-Aug	8.34	8.57			
Sep-Nov	8.34	8.52			
Jun-Nov	8.34	8.55			

1/ December preceding year.

2/ Intentions for 1997.

3/ Actual farrowings for December-February 1997 plus intentions for March-May 1997.

Pigs per Litter: By Size of Operation, United States, 1996-97

Pig Crop	Pigs per Litter on Operations Having				
	1-99 Head	100-499 Hd	500-999 Hd	1,000-1,999 Hd	2,000+ Head
	----- Number -----				
1996					
Dec-Feb 1/	6.90	7.80	7.90	8.40	8.80
Mar-May	7.70	8.10	8.10	8.50	8.70
Jun-Aug	7.50	7.80	8.20	8.50	8.80
Sep-Nov	7.30	7.90	8.30	8.30	8.80
1997					
Dec-Feb 1/	7.20	7.70	8.10	8.40	8.90

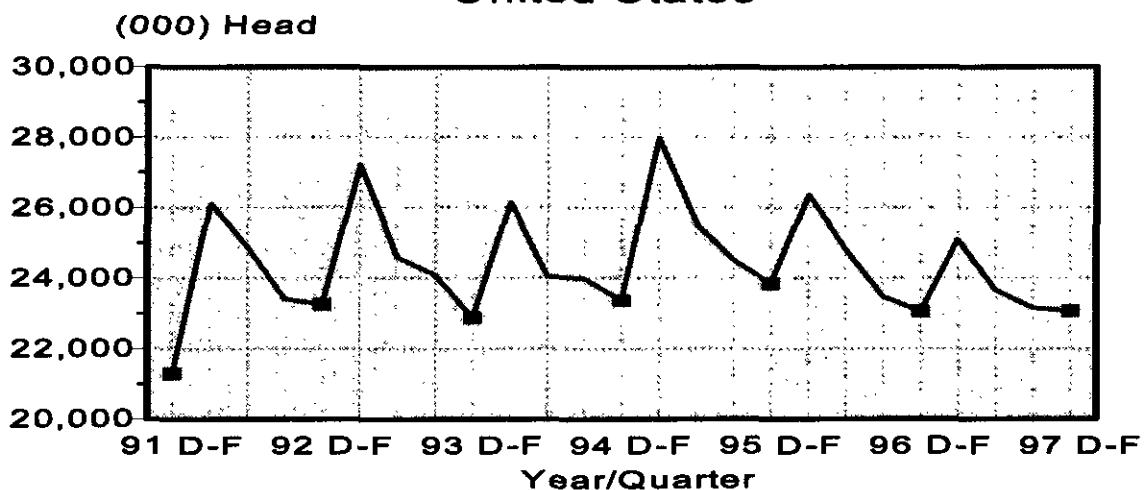
1/ December preceding year.

Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
 United States, December-November 1996-97 1/

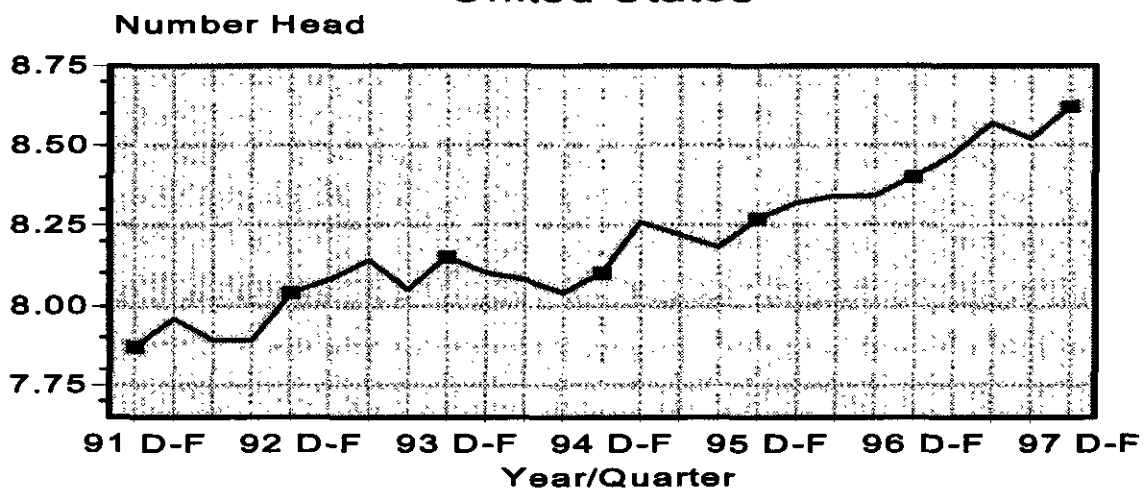
Month	Sows Farrowing		Pigs per Litter		Pig Crop	
	1996	1997	1996	1997	1996	1997
	--- 1,000 Head ---		---- Number ----		--- 1,000 Head ---	
Dec 1/	925	880	8.29	8.59	7,671	7,560
Jan	861	896	8.40	8.62	7,231	7,725
Feb	959	901	8.50	8.64	8,152	7,784
Mar	972		8.49		8,251	
Apr	970		8.43		8,181	
May	1,022		8.47		8,660	
Jun	923		8.46		7,805	
Jul	908		8.65		7,850	
Aug	930		8.62		8,012	
Sep	890		8.45		7,520	
Oct	920		8.50		7,818	
Nov	907		8.62		7,821	
Total	11,187	2,677	8.50	8.62	94,972	23,069

1/ December preceding year.

## Pig Crop United States



## Litter Rate United States



Hogs and Pigs: Inventory Number by Class, Weight Group,  
and Quarter, 17 States, 1995-97 1/

Item	1995	1996	1997	:1997 as % of	
				: 1995	: 1996
	1,000 Head			Percent	
March 1 Inventory					
All Hogs and Pigs	54,070	51,940	51,730	96	100
Kept for Breeding	6,360	6,165	6,240	98	101
Market	47,710	45,775	45,490	95	99
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	17,750	17,340	17,260	97	100
60-119 Pounds	11,580	10,980	10,860	94	99
120-179 Pounds	9,900	9,345	9,350	94	100
180 Pounds and Over	8,480	8,110	8,020	95	99
June 1 Inventory					
All Hogs and Pigs	55,045	52,750			
Kept for Breeding	6,515	6,220			
Market	48,530	46,530			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	19,600	18,645			
60-119 Pounds	12,010	11,660			
120-179 Pounds	9,185	9,110			
180 Pounds and Over	7,735	7,115			
September 1 Inventory					
All Hogs and Pigs	55,920	53,700			
Kept for Breeding	6,390	6,120			
Market	49,530	47,580			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	18,475	17,720			
60-119 Pounds	12,470	11,900			
120-179 Pounds	10,265	9,850			
180 Pounds and Over	8,320	8,110			
December 1 Inventory					
All Hogs and Pigs	53,920	52,070			
Kept for Breeding	6,225	6,050			
Market	47,695	46,020			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	17,505	17,160			
60-119 Pounds	11,910	11,405			
120-179 Pounds	9,930	9,580			
180 Pounds and Over	8,350	7,875			

1/ AR, GA, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, OH, OK, PA, SD, and WI.

Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
17 States, 1995-97 1/

Item	1995	1996	1997	1997 as % of	
				1995	1996
	----- 1,000 Head -----			Percent	
Sows Farrowing					
Dec-Feb 2/	2,645	2,525	2,467	93	98
Mar-May 3/	2,912	2,714	2,722	93	100
Dec-May 2/ 4/	5,557	5,239	5,189	93	99
Jun-Aug 3/	2,730	2,525	2,586	95	102
Sep-Nov	2,585	2,492			
Jun-Nov	5,315	5,017			
Pig Crop					
Dec-Feb 2/	21,927	21,272	21,305	97	100
Mar-May	24,304	23,042			
Dec-May 2/	46,231	44,314			
Jun-Aug	22,818	21,653			
Sep-Nov	21,600	21,279			
Jun-Nov	44,418	42,932			
Pigs per Litter					
	----- Number -----				
Dec-Feb 2/	8.29	8.42	8.64	104	103
Mar-May	8.35	8.49			
Dec-May 2/	8.32	8.46			
Jun-Aug	8.36	8.58			
Sep-Nov	8.36	8.54			
Jun-Nov	8.36	8.56			

1/ AR, GA, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, OH, OK, PA, SD, and WI.

2/ December preceding year.

3/ Intentions for 1997.

4/ Actual farrowings for December-February 1997 plus intentions for March-May 1997.

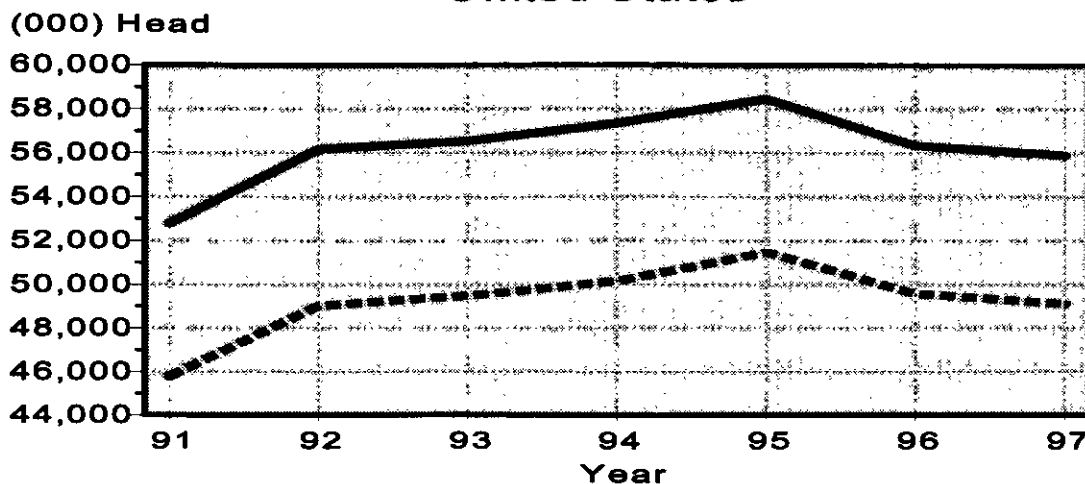


Hogs and Pigs: Inventory Numbers, Breeding, Market, and Total  
by State and United States, March 1, 1996-97

State	Breeding			Market			Total		
	1997			1997			1997		
	1996	as % of	1996	1996	as % of	1996	1996	as % of	1996
	Number	1996		Number	1996		Number	1996	
	1,000 Head	Percent		1,000 Head	Percent		1,000 Head	Percent	
AR	115	110	96	675	750	111	790	860	109
GA	130	105	81	770	695	90	900	800	89
IL	580	550	95	4,170	3,850	92	4,750	4,400	93
IN	470	450	96	3,430	3,150	92	3,900	3,600	92
IA	1,270	1,300	102	11,230	10,800	96	12,500	12,100	97
KS	160	180	113	1,040	1,180	113	1,200	1,360	113
KY	95	80	84	635	520	82	730	600	82
MI	150	130	87	850	820	96	1,000	950	95
MN	550	600	109	4,250	4,400	104	4,800	5,000	104
MO	480	460	96	2,870	2,840	99	3,350	3,300	99
NE	440	450	102	3,260	3,100	95	3,700	3,550	96
NC	935	1,050	112	7,465	8,450	113	8,400	9,500	113
OH	230	200	87	1,420	1,250	88	1,650	1,450	88
OK	160	180	113	890	1,190	134	1,050	1,370	130
PA	110	120	109	930	850	91	1,040	970	93
SD	170	160	94	1,150	970	84	1,320	1,130	86
WI	120	115	96	740	675	91	860	790	92
Oth									
Sts 1/	600	560	93	3,800	3,610	95	4,400	4,170	95
US	6,765	6,800	101	49,575	49,100	99	56,340	55,900	99

1/ Individual State estimates not available for the 33 States.

### March 1 Hog Inventory & Market Hogs United States



Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, March 1, 1996-97

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 Head							
AR	310	260	145	175	135	170	85	145
GA	305	275	200	180	170	150	95	90
IL	1,520	1,400	980	900	900	870	770	680
IN	1,250	1,170	880	790	680	640	620	550
IA	3,800	3,700	2,830	2,800	2,450	2,300	2,150	2,000
KS	405	490	240	235	210	210	185	245
KY	245	205	160	130	125	105	105	80
MI	275	270	210	205	190	190	175	155
MN	1,660	1,640	1,020	1,070	870	920	700	770
MO	1,210	1,260	650	630	570	550	440	400
NE	1,280	1,250	800	760	630	590	550	500
NC	3,050	3,400	1,680	1,920	1,400	1,680	1,335	1,450
OH	590	560	340	260	300	290	190	140
OK	380	410	155	200	135	190	220	390
PA	345	330	225	220	195	170	165	130
SD	430	375	275	220	240	200	205	175
WI	285	265	190	165	145	125	120	120
Oth								
Sts 1/	1,450	1,400	1,000	870	750	720	600	620
US	18,790	18,660	11,980	11,730	10,095	10,070	8,710	8,640

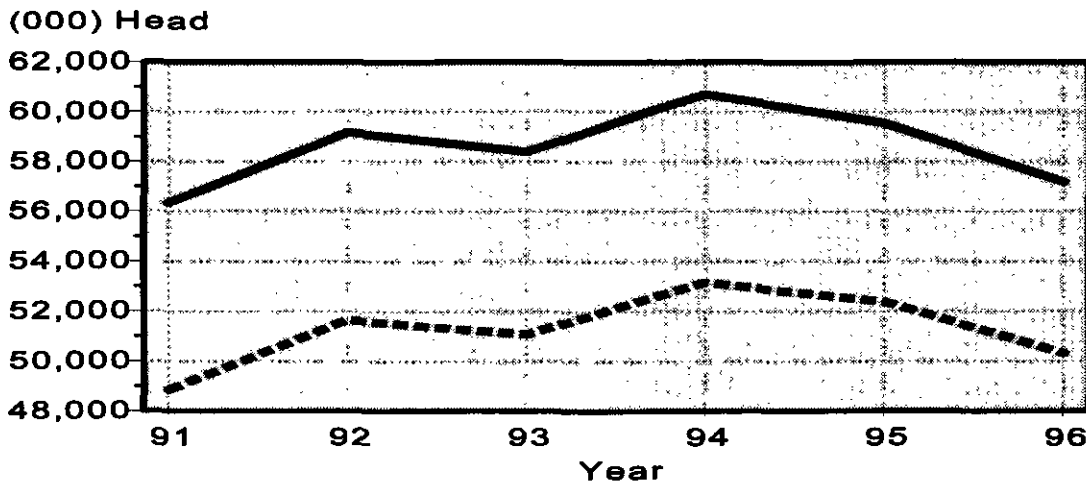
1/ Individual State estimates not available for the 33 States.

Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, June 1, 1995-96

State	Breeding			Market			Total		
	1996			1996			1996		
	1995	as % of	1995	1995	as % of	1995	1995	as % of	1995
	Number	1995		Number	1995		Number	1995	
	1,000 Head	Percent	1,000 Head	Percent	1,000 Head	Percent	1,000 Head	Percent	
AR	120	110	92	680	660	97	800	770	96
GA	125	110	88	805	760	94	930	870	94
IL	680	580	85	4,720	4,120	87	5,400	4,700	87
IN	530	460	87	3,820	3,390	89	4,350	3,850	89
IA	1,450	1,300	90	12,550	11,500	92	14,000	12,800	91
KS	145	180	124	1,085	1,140	105	1,230	1,320	107
KY	105	85	81	665	565	85	770	650	84
MI	150	140	93	1,050	960	91	1,200	1,100	92
MN	580	550	95	4,320	4,200	97	4,900	4,750	97
MO	475	570	120	3,025	2,980	99	3,500	3,550	101
NE	510	450	88	3,740	3,350	90	4,250	3,800	89
NC	840	950	113	6,760	7,950	118	7,600	8,900	117
OH	240	210	88	1,485	1,290	87	1,725	1,500	87
OK	140	160	114	650	990	152	790	1,150	146
PA	110	110	100	950	910	96	1,060	1,020	96
SD	180	140	78	1,390	1,060	76	1,570	1,200	76
WI	135	115	85	835	705	84	970	820	85
Oth									
Sts 1/	665	650	98	3,850	3,800	99	4,515	4,450	99
US	7,180	6,870	96	52,380	50,330	96	59,560	57,200	96

1/ Individual State estimates not available for the 33 States.

June 1 Hog Inventory & Market Hogs  
United States



Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, June 1, 1995-96

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1995	1996	1995	1996	1995	1996	1995	1996
1,000 Head								
AR	340	300	130	150	130	110	80	100
GA	325	310	210	200	170	160	100	90
IL	1,870	1,600	1,190	1,070	940	860	720	590
IN	1,435	1,270	950	870	745	670	690	580
IA	5,000	4,450	3,300	3,080	2,350	2,290	1,900	1,680
KS	390	450	285	290	230	230	180	170
KY	265	230	170	145	125	110	105	80
MI	515	475	205	195	170	165	160	125
MN	1,680	1,640	1,060	1,040	860	840	720	680
MO	1,350	1,370	725	690	530	530	420	390
NE	1,580	1,420	900	840	650	600	610	490
NC	2,600	3,070	1,630	1,920	1,360	1,630	1,170	1,330
OH	700	600	340	310	240	240	205	140
OK	270	420	145	190	105	150	130	230
PA	330	330	240	230	195	190	185	160
SD	630	430	315	260	220	200	225	170
WI	320	280	215	180	165	135	135	110
Oth								
Sts 1/	1,670	1,620	1,050	1,040	680	690	450	450
US	21,270	20,265	13,060	12,700	9,865	9,800	8,185	7,565

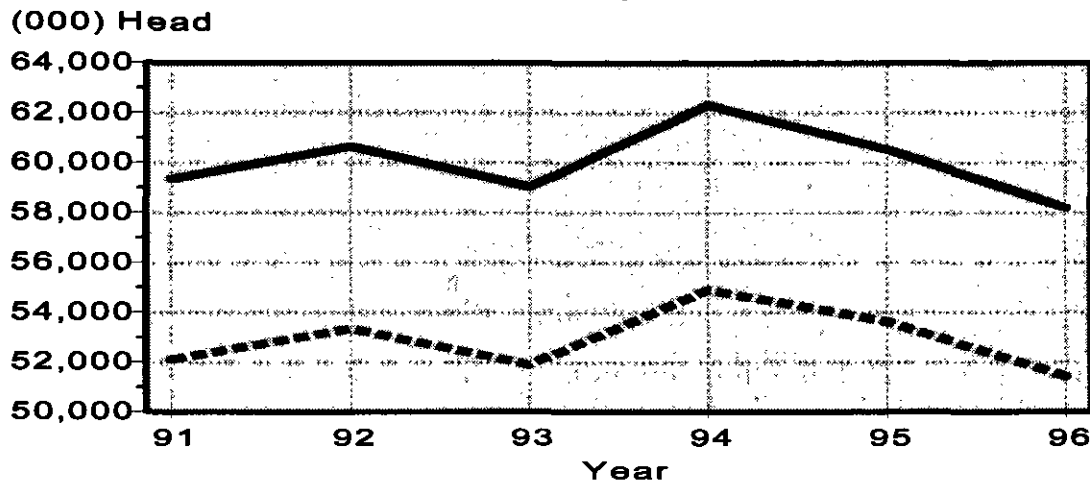
1/ Individual State estimates not available for the 33 States.

Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, September 1, 1995-96

State	Breeding			Market			Total		
	1996			1996			1996		
	1995	as % of 1995	1995	1995	as % of 1995	1995	as % of 1995	1995	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
AR	120	110	92	670	725	108	790	835	106
GA	135	115	85	815	755	93	950	870	92
IL	630	560	89	4,670	4,140	89	5,300	4,700	89
IN	510	450	88	3,840	3,350	87	4,350	3,800	87
IA	1,400	1,250	89	12,900	11,750	91	14,300	13,000	91
KS	145	185	128	1,135	1,365	120	1,280	1,550	121
KY	110	85	77	690	550	80	800	635	79
MI	135	125	93	1,095	1,005	92	1,230	1,130	92
MN	550	560	102	4,400	4,340	99	4,950	4,900	99
MO	450	520	116	3,050	3,030	99	3,500	3,550	101
NE	500	450	90	3,650	3,250	89	4,150	3,700	89
NC	880	980	111	7,220	8,320	115	8,100	9,300	115
OH	250	220	88	1,590	1,330	84	1,840	1,550	84
OK	145	160	110	705	1,070	152	850	1,230	145
PA	110	105	95	940	895	95	1,050	1,000	95
SD	190	130	68	1,360	1,010	74	1,550	1,140	74
WI	130	115	88	800	695	87	930	810	87
Oth									
Sts 1/	508	650	128	4,112	3,850	94	4,620	4,500	97
US	6,898	6,770	98	53,642	51,430	96	60,540	58,200	96

1/ Individual State estimates not available for the 33 States.

September 1 Hog Inventory & Market Hogs  
United States



Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, September 1, 1995-96

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1995	1996	1995	1996	1995	1996	1995	1996
	1,000 Head							
AR	255	270	150	175	170	145	95	135
GA	335	300	205	185	155	150	120	120
IL	1,520	1,450	1,210	1,020	1,060	890	880	780
IN	1,305	1,190	1,005	870	850	730	680	560
IA	4,450	3,750	3,600	3,350	2,700	2,550	2,150	2,100
KS	400	575	280	285	250	275	205	230
KY	270	225	170	145	135	100	115	80
MI	355	325	320	290	225	210	195	180
MN	1,720	1,700	1,070	1,060	860	840	750	740
MO	1,360	1,330	660	660	570	600	460	440
NE	1,540	1,350	860	790	740	660	510	450
NC	2,850	3,280	1,650	1,910	1,440	1,730	1,280	1,400
OH	660	560	380	320	340	250	210	200
OK	325	440	110	190	105	185	165	255
PA	325	325	245	220	200	190	170	160
SD	495	375	350	260	310	210	205	165
WI	310	275	205	170	155	135	130	115
Oth								
Sts 1/	1,760	1,610	1,062	900	720	750	570	590
US	20,235	19,330	13,532	12,800	10,985	10,600	8,890	8,700

1/ Individual State estimates not available for the 33 States.

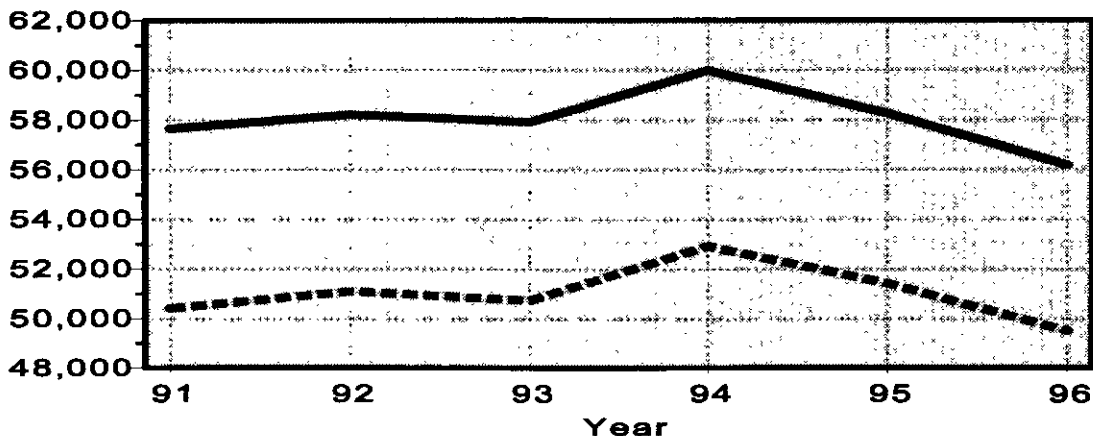
Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, December 1, 1995-96

State	Breeding			Market			Total		
	1996			1996			1996		
	1995	:as % of:		1995	:as % of:		1995	:as % of:	
	Number	1995		Number	1995		Number	1995	
	1,000 Head	Percent		1,000 Head	Percent		1,000 Head	Percent	
AR	110	110	100	680	715	105	790	825	104
GA	125	110	88	775	690	89	900	800	89
IL	550	520	95	4,250	3,880	91	4,800	4,400	92
IN	460	460	100	3,540	3,290	93	4,000	3,750	94
IA	1,350	1,250	93	12,050	10,950	91	13,400	12,200	91
KS	150	190	127	1,080	1,260	117	1,230	1,450	118
KY	110	85	77	690	540	78	800	625	78
MI	140	125	89	960	875	91	1,100	1,000	91
MN	550	540	98	4,400	4,310	98	4,950	4,850	98
MO	480	450	94	3,070	3,050	99	3,550	3,500	99
NE	500	450	90	3,550	3,150	89	4,050	3,600	89
NC	890	1,000	112	7,310	8,300	114	8,200	9,300	113
OH	240	210	88	1,560	1,290	83	1,800	1,500	83
OK	160	170	106	840	1,150	137	1,000	1,320	132
PA	105	105	100	895	845	94	1,000	950	95
SD	180	155	86	1,270	1,045	82	1,450	1,200	83
WI	125	120	96	775	680	88	900	800	89
Oth									
Sts 1/	614	605	99	3,730	3,496	94	4,344	4,101	94
US	6,839	6,655	97	51,425	49,516	96	58,264	56,171	96

1/ Individual State estimates not available for the 33 States.

## December 1 Hog Inventory & Market Hogs United States

(000) Head



Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, December 1, 1995-96

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1995	1996	1995	1996	1995	1996	1995	1996
1,000 Head								
AR	330	255	150	170	140	150	60	140
GA	280	250	220	195	170	145	105	100
IL	1,470	1,380	1,070	960	920	840	790	700
IN	1,180	1,150	935	840	750	725	675	575
IA	4,250	3,850	3,050	2,900	2,600	2,300	2,150	1,900
KS	360	510	290	280	235	250	195	220
KY	270	215	180	135	135	105	105	85
MI	305	285	225	200	235	210	195	180
MN	1,640	1,590	1,090	1,070	900	890	770	760
MO	1,330	1,300	700	680	480	560	560	510
NE	1,350	1,200	930	830	740	650	530	470
NC	2,750	3,250	1,750	1,950	1,550	1,750	1,260	1,350
OH	590	570	400	300	340	280	230	140
OK	370	420	155	220	110	210	205	300
PA	300	290	235	220	195	175	165	160
SD	430	375	330	280	280	210	230	180
WI	300	270	200	175	150	130	125	105
Oth								
Sts 1/	1,376	1,254	898	834	772	735	684	673
US	18,881	18,414	12,808	12,239	10,702	10,315	9,034	8,548

1/ Individual State estimates not available for the 33 States.



Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, December-February 1996-97 1/

State	Sows Farrowing			Pigs		Pig Crop 2/		
	1997			per Litter		1997		
	1996	as % of		1996	1997	1996	as % of	
	Number	1996		1996	1997	Number	1996	
	1,000 Head	Percent		Number		1,000 Head	Percent	
AR	54	52	96	9.10	8.50	491	442	90
GA	42	38	90	8.00	8.05	336	306	91
IL	210	200	95	8.20	8.50	1,722	1,700	99
IN	200	180	90	8.20	8.50	1,640	1,530	93
IA	535	460	86	8.25	8.50	4,414	3,910	89
KS	62	80	129	8.20	9.10	508	728	143
KY	38	31	82	8.10	8.30	308	257	83
MI	40	40	100	8.20	8.40	328	336	102
MN	240	230	96	8.80	8.70	2,112	2,001	95
MO	180	180	100	8.00	8.60	1,440	1,548	108
NE	175	175	100	8.50	8.45	1,488	1,479	99
NC	450	500	111	8.75	8.90	3,938	4,450	113
OH	80	75	94	8.20	8.30	656	623	95
OK	62	78	126	9.20	9.50	570	741	130
PA	44	44	100	8.60	8.50	378	374	99
SD	65	60	92	8.60	8.50	559	510	91
WI	48	44	92	8.00	8.40	384	370	96
Oth								
Sts 3/	220	210	95	8.10	8.40	1,782	1,764	99
US	2,745	2,677	98	8.40	8.62	23,054	23,069	100

1/ December preceding year.

2/ Number of pigs born December-February on hand March 1, or had been sold.

3/ Individual State estimates not available for the 33 States.

Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, March-May 1995-97

State	Sows Farrowing				Pigs		Pig Crop 1/		
	1995		1996		per Litter		1996		
	Number	as % of 1996	Number	as % of 1996	1995	1996	Number	as % of 1995	Number
	1,000 Head	Percent	1,000 Head	Percent	1,000 Head	Percent	1,000 Head	Percent	Percent
AR	52	57	53	93	9.10	8.50	473	485	103
GA	49	45	38	84	8.10	8.45	397	380	96
IL	295	250	240	96	8.10	8.40	2,390	2,100	88
IN	230	195	180	92	8.20	8.30	1,886	1,619	86
IA	650	570	560	98	8.30	8.40	5,395	4,788	89
KS	64	70	90	129	7.95	8.40	509	588	116
KY	43	34	30	88	7.60	8.25	327	281	86
MI	82	65	60	92	7.70	8.10	631	527	84
MN	260	245	245	100	8.70	8.70	2,262	2,132	94
MO	205	200	190	95	8.50	8.40	1,743	1,680	96
NE	230	195	195	100	8.25	8.50	1,898	1,658	87
NC	400	460	510	111	8.65	8.70	3,460	4,002	116
OH	100	88	85	97	8.30	8.25	830	726	87
OK	52	76	85	112	9.40	9.50	481	722	150
PA	44	44	45	102	8.40	8.40	370	370	100
SD	100	74	70	95	8.10	8.20	810	607	75
WI	56	46	46	100	7.90	8.20	442	377	85
Oth									
Sts 3/	258	250	240	96	8.02	8.20	2,069	2,050	99
US	3,170	2,964	2,962	100	8.32	8.47	26,373	25,092	95

1/ Number of pigs born March-May on hand June 1, or had been sold.  
2/ Intentions.  
3/ Individual State estimates not available for the 33 States.

Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, June-August 1995-97

State	Sows Farrowing				Pigs		Pig Crop 1/		
	1995	1996	1997 2/	as % of	per Litter	1995	1996	as % of	
	Number	Number	Number	1996	1995	Number	Number	1995	
	1,000 Head	Percent	Number		1,000 Head	Percent			
AR	54	54	52	96	9.20	8.50	497	459	92
GA	45	43	37	86	8.15	8.40	367	361	98
IL	240	220	215	98	8.00	8.50	1,920	1,870	97
IN	210	185	180	97	8.10	8.30	1,701	1,536	90
IA	625	500	510	102	8.20	8.50	5,125	4,250	83
KS	62	81	90	111	8.20	8.80	508	713	140
KY	44	33	29	88	7.70	8.25	339	272	80
MI	60	52	50	96	8.10	8.30	486	432	89
MN	250	235	240	102	8.65	8.70	2,163	2,045	95
MO	200	180	180	100	8.60	8.60	1,720	1,548	90
NE	195	165	175	106	8.35	8.55	1,628	1,411	87
NC	420	470	520	111	8.65	8.75	3,633	4,113	113
OH	95	85	80	94	8.40	8.20	798	697	87
OK	55	79	85	108	9.30	9.30	512	735	144
PA	42	42	44	105	8.50	8.50	357	357	100
SD	79	56	55	98	8.20	8.50	648	476	73
WI	54	45	44	98	7.70	8.40	416	378	91
Oth									
Sts 3/	246	236	230	97	8.11	8.53	1,995	2,014	101
US	2,976	2,761	2,816	102	8.34	8.57	24,813	23,667	95

- 1/ Number of pigs born June-August on hand September 1, or had been sold.  
2/ Intentions.  
3/ Individual State estimates not available for the 33 States.

Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, September-November 1995-96

State	Sows Farrowing			Pigs		Pig Crop 1/		
	1996			per Litter		1996		
	1995	Number	as % of 1995	1995	1996	1995	Number	as % of 1995
	1,000 Head	Percent		Number		1,000 Head	Percent	
AR	50	52	104	9.30	8.40	465	437	94
GA	40	35	88	8.35	8.30	334	291	87
IL	230	220	96	8.00	8.35	1,840	1,837	100
IN	185	180	97	8.20	8.35	1,517	1,503	99
IA	570	480	84	8.25	8.45	4,703	4,056	86
KS	57	85	149	8.30	9.00	473	765	162
KY	42	32	76	8.10	8.30	340	266	78
MN	240	225	94	8.70	8.80	2,088	1,980	95
MO	210	185	88	8.30	8.40	1,743	1,554	89
NE	190	170	89	8.45	8.40	1,606	1,428	89
NC	420	475	113	8.55	8.75	3,591	4,156	116
OH	87	80	92	8.00	8.30	696	664	95
OK	63	78	124	9.00	9.50	567	741	131
PA	40	41	103	8.50	8.40	340	344	101
SD	70	65	93	8.20	8.25	574	536	93
WI	46	44	96	7.90	8.10	363	356	98
Oth								
Sts 2/	230	225	98	8.16	8.34	1,879	1,880	100
US	2,815	2,717	97	8.34	8.52	23,479	23,159	99

1/ Number of pigs born September-November on hand December 1, or had been sold.  
2/ Individual State estimates not available for the 33 States.

## Reliability of March 1 Hogs and Pigs Estimates

**Survey Procedures:** A random sample of 14,420 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 12,181 operations, 84.5 percent of the total sample, during the first-half of March by mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of March 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 four quarters are subject to revision when current estimates are made. In December, estimates for all quarters of the current and previous year are reviewed. The reviews are primarily based on hog check-off receipts and 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, duplication, and mistakes in reporting, recording, and processing the data. The affects 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 following table. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 55.9 million head by more than 1.9 percent, or about 1,062,100 head. Chances are 9 out of 10 that the difference will not exceed 4.0 percent, or about 2,236,000 head (the 90 percent confidence level).

Reliability of March 1 Hog Estimates 1/

	Root Mean Square Error	90% Confidence Level	Difference Between First and Final Estimates	Average	Smallest	Largest	Number of Quarters 2/	First Above Final	First Below Final
	Percent	(000) Head	1,000 Head						
All Hogs & Pigs 2/	1.9	4.0	2,236	856	0	2,220	10	8	
Pig Crop	2.8	6.2	1,430	551	0	1,428	9	10	
Expected Farrowings									
Next Quarter	3.9	8.3	246	99	6	237	14	6	
Following Quarter	5.3	11.4	321	125	10	346	14	5	

1/ Based on quarterly records for the past 20 quarters.

2/ No change was recorded in some quarters.

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The next "Hogs and Pigs" report will be released at 3 P.M. ET on June 27, 1997.

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