

Released September 24, 2004, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on *Quarterly Hogs and Pigs* call Dan Lofthus at 202-720-3106, office hours 7:30 a.m. to 4:00 p.m. ET.

U.S. Hog Inventory Up 1 Percent

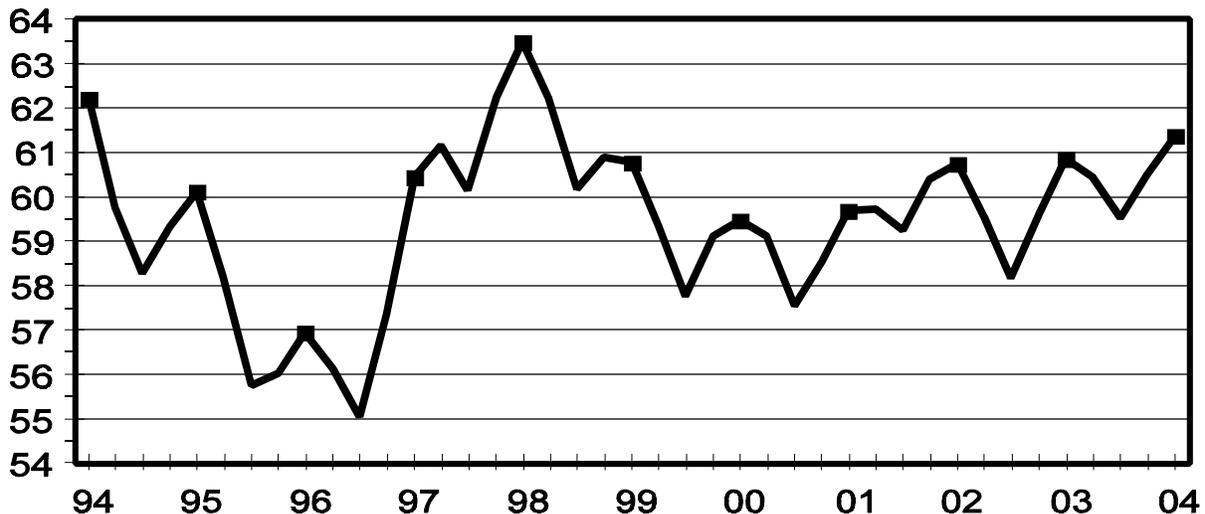
U.S. inventory of all hogs and pigs on September 1, 2004 was 61.4 million head. This was 1 percent above both September 1, 2003, and June 1, 2004.

Breeding inventory, at 5.98 million head, was up 1 percent from September 1, 2003, and also up 1 percent from last quarter. **Market hog inventory**, at 55.4 million head, was 1 percent above last year and 2 percent above last quarter.

The June-August 2004 U.S. pig crop, at 26.0 million head, was up 1 percent from both 2003 and 2002. Sows farrowing during this period totaled 2.89 million head, 1 percent below last year. The sows farrowed during this quarter represented 49 percent of the breeding herd. The average pigs saved per litter was 9.00 for the June-August 2004 period, compared to 8.90 last year. Pigs saved per litter by size of operation ranged from 7.50 for operations with 1-99 hogs to 9.10 for operations with more than 5,000 hogs and pigs.

U.S. Quarterly Hogs and Pigs Inventory September 1

Million Head



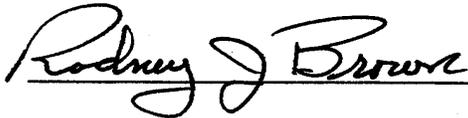
U.S. hog producers intend to have 2.86 million sows farrow during the September-November 2004 quarter, 1 percent above the actual farrows during the same period in both 2003 and 2002. Intended farrowings for December 2004-February 2005, at 2.85 million sows, are up 1 percent from the same period in 2004, and up 3 percent from the same period in 2003.

The total number of hogs under contract, owned by operations with over 5,000 head, but raised by contractees, accounted for 39 percent of the total U.S. hog inventory, up from 35 percent last year.

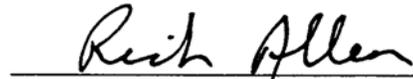
Revisions

All inventory and pig crop estimates for September 2003 through June 2004 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. Based on the findings of this review, small adjustments of less than one-half of one percent were made to September 2003 inventory components, December 2003 inventory components, September-November 2003 pig crop, and March 2004 inventory components. Adjustments of less than one percent were made to the December 2003-February 2004 pig crop and to the June 2004 inventory.

This report was approved on September 24, 2004.



Acting Secretary of
Agriculture
Rodney J. Brown



Agricultural Statistics Board
Chairperson
Rich Allen

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**Hogs and Pigs: Inventory Number by Class, Weight Group,
and Quarter, United States, 2002-2004 ¹**

Item	2002	2003	2004	2004 as % of	
				2002	2003
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>
March 1 Inventory					
All Hogs and Pigs	59,256	58,183	59,525	100	102
Kept for Breeding	6,230	6,017	5,942	95	99
Market	53,026	52,166	53,582	101	103
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	19,560	19,086	19,824	101	104
60-119 Pounds	12,938	12,649	12,975	100	103
120-179 Pounds	11,148	10,915	11,206	101	103
180 Pounds and Over	9,380	9,516	9,579	102	101
June 1 Inventory					
All Hogs and Pigs	60,391	59,602	60,503	100	102
Kept for Breeding	6,208	6,006	5,928	95	99
Market	54,183	53,596	54,574	101	102
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	20,226	20,433	20,333	101	100
60-119 Pounds	13,539	12,972	13,251	98	102
120-179 Pounds	10,906	10,828	11,277	103	104
180 Pounds and Over	9,512	9,363	9,715	102	104
September 1 Inventory					
All Hogs and Pigs	60,753	60,859	61,384	101	101
Kept for Breeding	6,051	5,918	5,983	99	101
Market	54,702	54,941	55,400	101	101
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	20,038	20,368	20,540	103	101
60-119 Pounds	13,632	13,729	13,644	100	99
120-179 Pounds	11,113	11,334	11,236	101	99
180 Pounds and Over	9,919	9,510	9,982	101	105
December 1 Inventory					
All Hogs and Pigs	59,554	60,449			
Kept for Breeding	6,058	5,990			
Market	53,496	54,458			
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	19,485	19,779			
60-119 Pounds	13,033	13,259			
120-179 Pounds	10,875	11,110			
180 Pounds and Over	10,103	10,312			

¹ May not add due to rounding.

**Farrowings: Number of Sows, Pig Crop, and Pigs per Litter,
United States, 2002-2005 ¹**

Item	2002	2003	2004	2005	2004 as % of		2005 as % of 2004
					2002	2003	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Sows Farrowing							
Dec-Feb ^{2 3}	2,835	2,769	2,827	2,855	100	102	101
Mar-May	2,941	2,885	2,857		97	99	
Dec-May ²	5,776	5,655	5,684		98	101	
Jun-Aug	2,883	2,906	2,888		100	99	
Sep-Nov ⁴	2,833	2,841	2,865		101	101	
Jun-Nov ⁵	5,716	5,746	5,753		101	100	
Pig Crop							
Dec-Feb ²	24,857	24,399	25,021		101	103	
Mar-May	26,001	25,627	25,520		98	100	
Dec-May ²	50,858	50,027	50,540		99	101	
Jun-Aug	25,725	25,869	26,005		101	101	
Sep-Nov	25,094	25,355					
Jun-Nov	50,820	51,223					
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Pigs per Litter							
Dec-Feb ²	8.77	8.81	8.85		101	100	
Mar-May	8.84	8.88	8.93		101	101	
Dec-May ²	8.81	8.85	8.89		101	101	
Jun-Aug	8.92	8.90	9.00		101	101	
Sep-Nov	8.86	8.93					
Jun-Nov	8.89	8.91					

¹ May not add due to rounding.

² December preceding year.

³ Intentions for 2005.

⁴ Intentions for 2004.

⁵ Actual farrowings for June-August plus intentions for September-November.

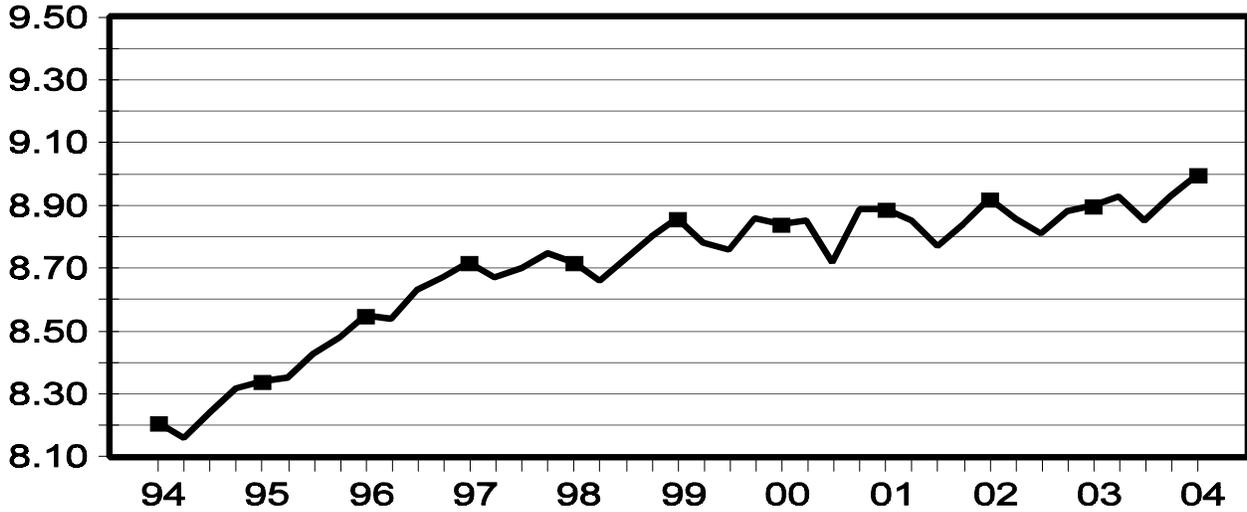
Pigs per Litter: By Size of Operation, United States, 2003-2004

Pig Crop	Pigs per Litter on Operations Having					
	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000-4,999 Head	5,000+ Head
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
2003						
Dec-Feb ¹	7.60	8.00	8.20	8.70	8.80	8.90
Mar-May	7.60	8.00	8.40	8.70	8.70	9.00
Jun-Aug	7.60	8.00	8.40	8.60	8.70	9.00
Sep-Nov	7.40	7.80	8.30	8.60	8.70	9.10
2004						
Dec-Feb ¹	7.60	7.90	8.20	8.60	8.70	9.00
Mar-May	7.70	7.90	8.30	8.70	8.90	9.00
Jun-Aug	7.50	7.80	8.30	8.80	8.90	9.10
Sep-Nov						

¹ December preceding year.

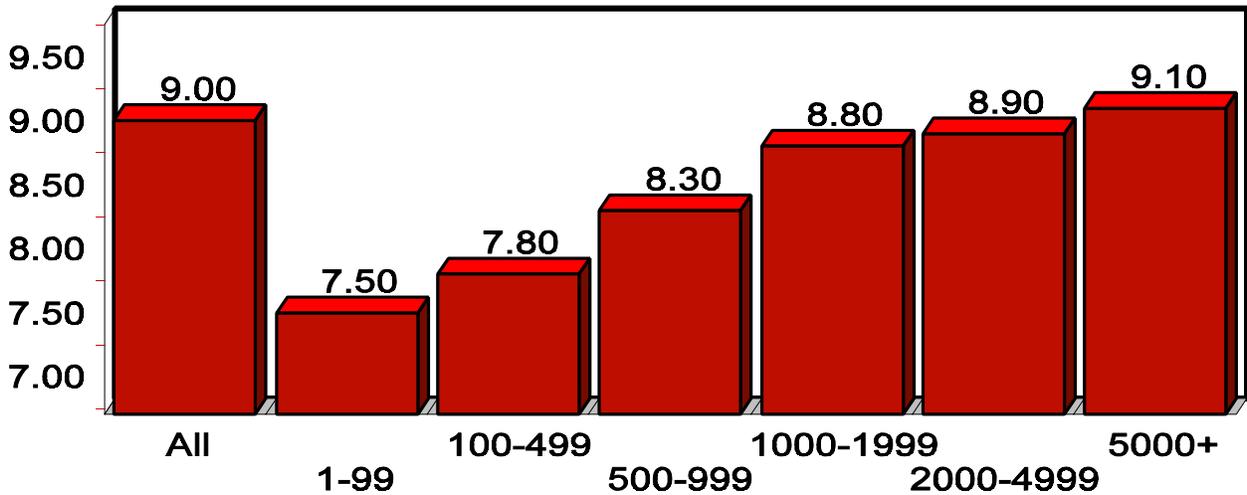
U.S. Quarterly Litter Rate June - August

Number Head



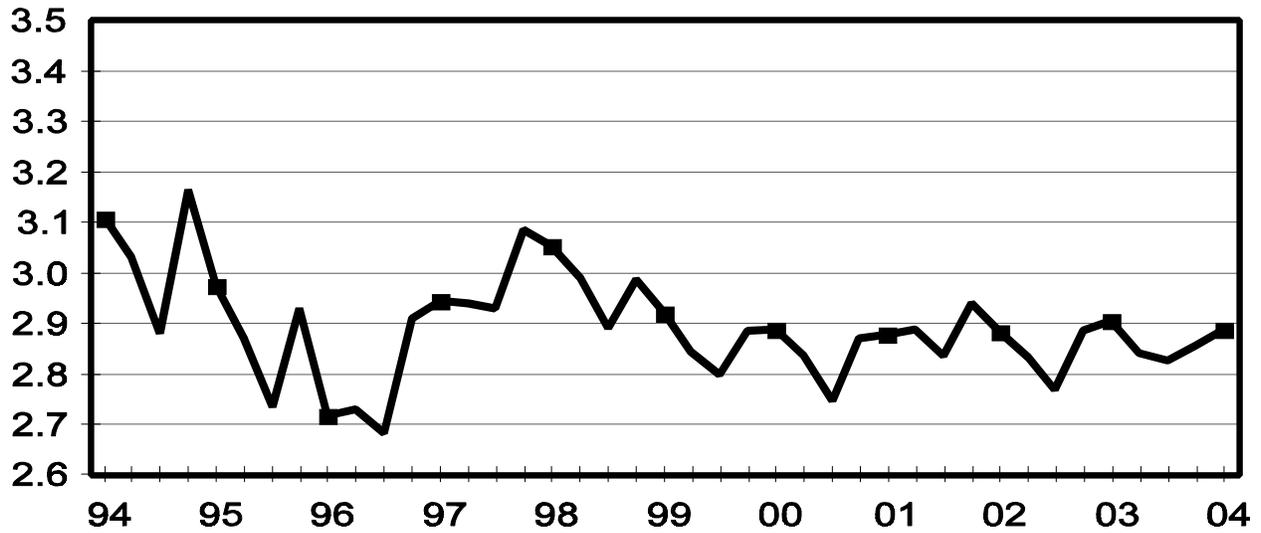
U.S. Pigs per Litter By Size of Operation, Jun-Aug 2004

Number Head



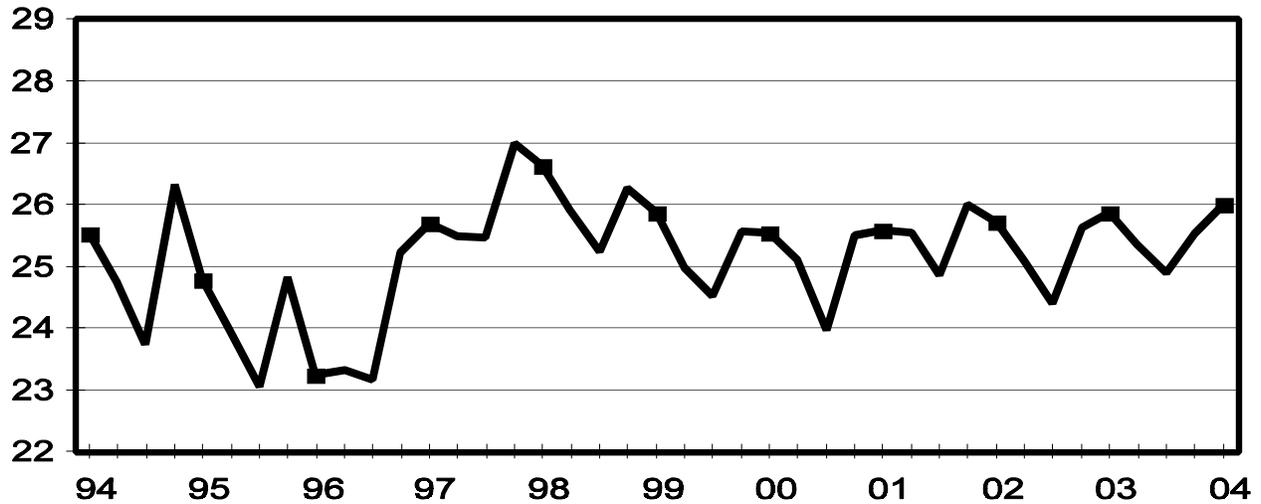
U.S. Quarterly Sows Farrowed June - August

Million Head



U.S. Quarterly Pig Crop June - August

Million Head



**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, March 1, 2003-2004 ¹**

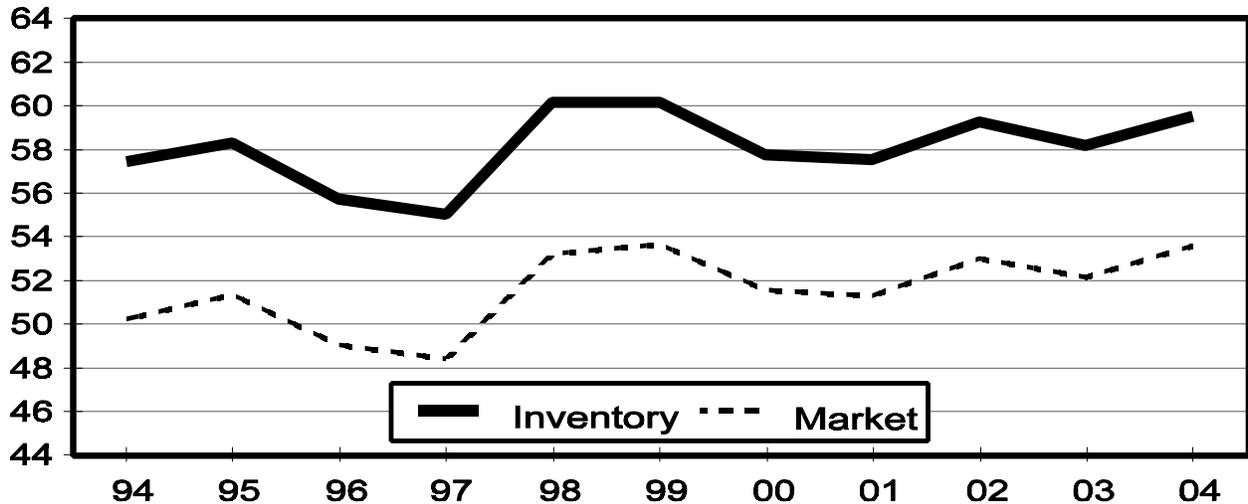
State	Breeding			Market			Total		
	2003	2004		2003	2004		2003	2004	
		Number	as % of 2003		Number	as % of 2003		Number	as % of 2003
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	75	85	113	200	230	115	275	315	115
CO	130	140	108	590	550	93	720	690	96
IL	420	410	98	3,530	3,440	97	3,950	3,850	97
IN	320	300	94	2,780	2,850	103	3,100	3,150	102
IA	1,060	1,040	98	13,940	14,460	104	15,000	15,500	103
KS	160	170	106	1,310	1,550	118	1,470	1,720	117
MI	100	100	100	770	830	108	870	930	107
MN	600	600	100	5,500	5,900	107	6,100	6,500	107
MO	360	330	92	2,590	2,570	99	2,950	2,900	98
NE	380	360	95	2,520	2,490	99	2,900	2,850	98
NC	1,000	1,000	100	8,600	8,900	103	9,600	9,900	103
OH	160	160	100	1,280	1,360	106	1,440	1,520	106
OK	340	350	103	2,030	2,000	99	2,370	2,350	99
PA	125	120	96	945	910	96	1,070	1,030	96
SD	145	145	100	1,155	1,105	96	1,300	1,250	96
TX	105	110	105	785	810	103	890	920	103
WI	60	55	92	440	395	90	500	450	90
Oth Sts ²	477	467	98	3,201	3,232	101	3,678	3,700	101
US	6,017	5,942	99	52,166	53,582	103	58,183	59,525	102

¹ May not add due to rounding.

² Individual State estimates not available for the 33 other States.

March 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, March 1, 2003-2004 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	2003	2004	2003	2004	2003	2004	2003	2004
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	130	135	20	30	20	30	30	35
CO	305	315	85	60	85	65	115	110
IL	1,270	1,260	860	820	780	750	620	610
IN	1,040	1,060	660	660	560	620	520	510
IA	4,290	4,510	3,810	4,000	3,140	3,250	2,700	2,700
KS	430	530	250	285	250	310	380	425
MI	270	300	190	205	165	175	145	150
MN	2,110	2,250	1,320	1,410	1,190	1,280	880	960
MO	1,230	1,270	570	510	480	470	310	320
NE	1,000	980	640	640	485	470	395	400
NC	3,350	3,500	2,000	2,200	1,800	1,800	1,450	1,400
OH	525	555	305	315	280	290	170	200
OK	880	940	350	310	290	250	510	500
PA	340	300	245	240	175	210	185	160
SD	380	385	295	245	270	265	210	210
TX	220	265	210	180	155	195	200	170
WI	165	155	100	90	90	80	85	70
Oth Sts ²	1,151	1,114	739	775	700	696	611	649
US	19,086	19,824	12,649	12,975	10,915	11,206	9,516	9,579

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, June 1, 2003-2004 ¹**

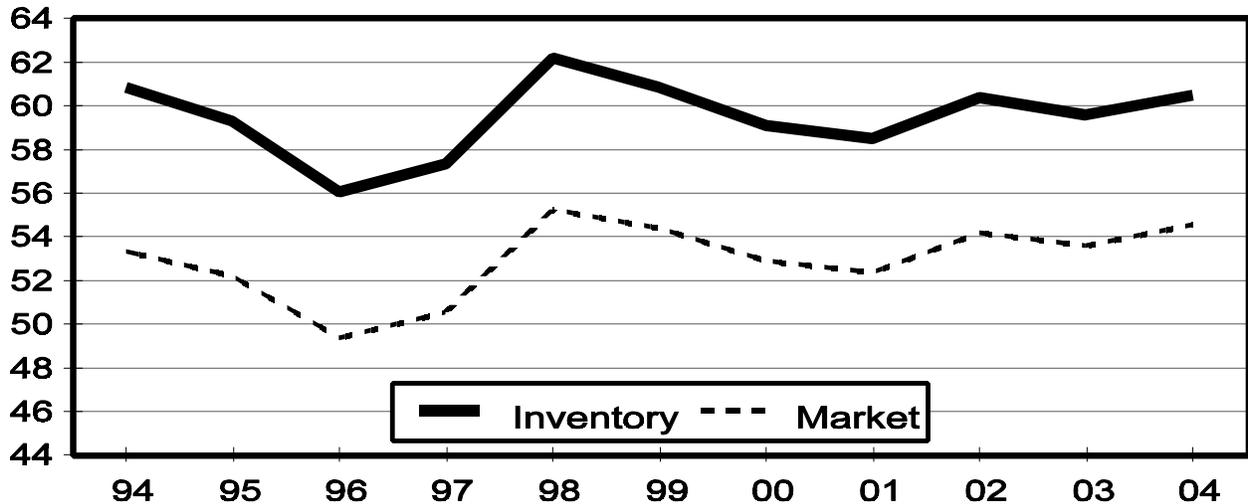
State	Breeding			Market			Total		
	2003	2004		2003	2004		2003	2004	
		Number	as % of 2003		Number	as % of 2003		Number	as % of 2003
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	75	85	113	195	250	128	270	335	124
CO	125	140	112	605	610	101	730	750	103
IL	420	420	100	3,630	3,530	97	4,050	3,950	98
IN	310	290	94	2,740	2,810	103	3,050	3,100	102
IA	1,070	1,060	99	14,730	14,940	101	15,800	16,000	101
KS	165	165	100	1,345	1,565	116	1,510	1,730	115
MI	100	95	95	830	815	98	930	910	98
MN	600	600	100	5,700	6,000	105	6,300	6,600	105
MO	340	320	94	2,560	2,580	101	2,900	2,900	100
NE	380	360	95	2,570	2,490	97	2,950	2,850	97
NC	1,000	1,000	100	8,800	9,200	105	9,800	10,200	104
OH	160	155	97	1,300	1,315	101	1,460	1,470	101
OK	360	350	97	1,940	2,100	108	2,300	2,450	107
PA	120	110	92	940	900	96	1,060	1,010	95
SD	145	145	100	1,185	1,085	92	1,330	1,230	92
TX	110	110	100	800	780	98	910	890	98
WI	60	50	83	420	390	93	480	440	92
Oth Sts ²	466	473	102	3,306	3,214	97	3,772	3,688	98
US	6,006	5,928	99	53,596	54,574	102	59,602	60,503	102

¹ May not add due to rounding.

² Individual State estimates not available for the 33 other States.

June 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, June 1, 2003-2004 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	2003	2004	2003	2004	2003	2004	2003	2004
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	120	145	25	40	25	30	25	35
CO	315	335	90	95	85	80	115	100
IL	1,330	1,350	890	850	780	750	630	580
IN	990	1,020	650	630	570	600	530	560
IA	4,890	4,540	3,950	4,200	3,190	3,350	2,700	2,850
KS	445	540	285	320	255	275	360	430
MI	310	310	210	190	165	170	145	145
MN	2,300	2,360	1,390	1,420	1,180	1,280	830	940
MO	1,250	1,280	530	520	470	480	310	300
NE	1,020	980	680	660	495	460	375	390
NC	3,750	3,750	2,100	2,150	1,650	1,800	1,300	1,500
OH	535	535	315	310	275	290	175	180
OK	860	980	280	330	280	310	520	480
PA	350	310	220	230	190	190	180	170
SD	380	370	305	290	280	250	220	175
TX	275	255	150	165	135	185	240	175
WI	170	150	90	85	85	80	75	75
Oth Sts ²	1,143	1,123	812	766	718	697	633	630
US	20,433	20,333	12,972	13,251	10,828	11,277	9,363	9,715

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, September 1, 2003-2004¹**

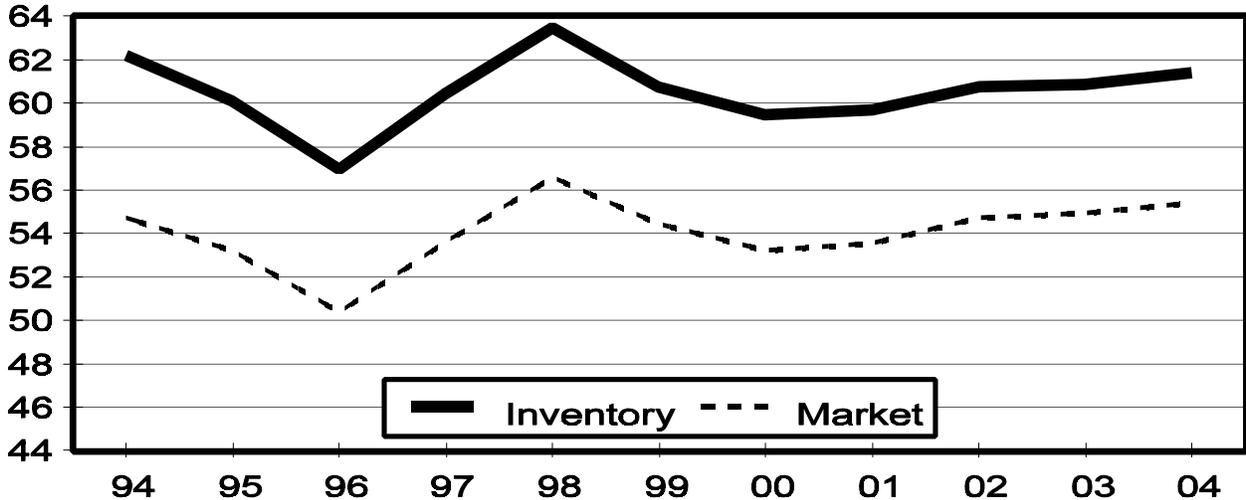
State	Breeding			Market			Total		
	2003	2004		2003	2004		2003	2004	
		Number	as % of 2003		Number	as % of 2003		Number	as % of 2003
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	80	80	100	200	240	120	280	320	114
CO	130	140	108	640	570	89	770	710	92
IL	420	410	98	3,530	3,590	102	3,950	4,000	101
IN	300	300	100	2,750	2,950	107	3,050	3,250	107
IA	1,030	1,060	103	15,070	15,240	101	16,100	16,300	101
KS	165	160	97	1,505	1,630	108	1,670	1,790	107
MI	100	100	100	820	840	102	920	940	102
MN	600	590	98	5,900	6,010	102	6,500	6,600	102
MO	330	330	100	2,570	2,570	100	2,900	2,900	100
NE	375	360	96	2,675	2,490	93	3,050	2,850	93
NC	1,000	1,050	105	9,200	9,250	101	10,200	10,300	101
OH	155	160	103	1,325	1,340	101	1,480	1,500	101
OK	360	360	100	2,070	2,100	101	2,430	2,460	101
PA	120	105	88	1,010	955	95	1,130	1,060	94
SD	135	140	104	1,155	1,070	93	1,290	1,210	94
TX	95	110	116	825	920	112	920	1,030	112
WI	60	50	83	440	390	89	500	440	88
Oth Sts ²	463	478	103	3,256	3,245	100	3,719	3,724	100
US	5,918	5,983	101	54,941	55,400	101	60,859	61,384	101

¹ May not add due to rounding.

² Individual State estimates not available for the 33 other States.

September 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, September 1, 2003-2004 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	2003	2004	2003	2004	2003	2004	2003	2004
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	110	140	35	35	30	35	25	30
CO	335	310	95	85	90	75	120	100
IL	1,310	1,380	870	840	770	770	580	600
IN	1,030	1,080	690	710	550	600	480	560
IA	4,760	4,640	4,100	4,200	3,400	3,350	2,810	3,050
KS	500	550	350	340	235	285	420	455
MI	300	310	210	210	165	170	145	150
MN	2,300	2,420	1,510	1,440	1,260	1,240	830	910
MO	1,220	1,260	550	510	480	450	320	350
NE	1,060	970	700	660	510	470	405	390
NC	3,650	3,650	2,350	2,350	1,850	1,850	1,350	1,400
OH	545	560	345	330	280	270	155	180
OK	950	1,000	300	370	290	250	530	480
PA	360	290	240	245	200	195	210	225
SD	380	370	310	280	275	240	190	180
TX	290	340	160	185	150	210	225	185
WI	175	150	100	90	85	80	80	70
Oth Sts ²	1,093	1,120	814	764	714	696	635	667
US	20,368	20,540	13,729	13,644	11,334	11,236	9,510	9,982

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, December 1, 2002-2003¹**

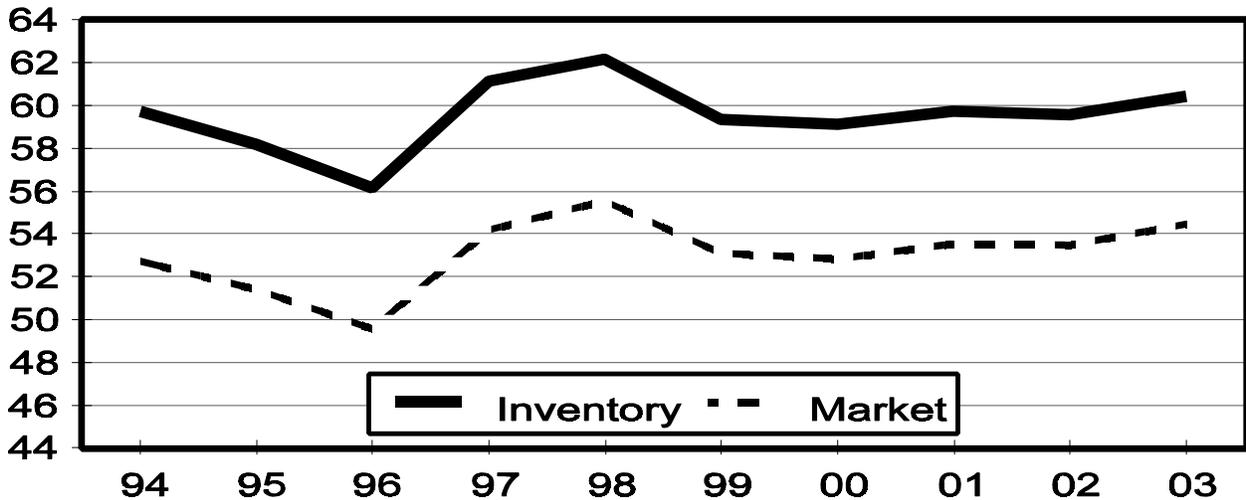
State	Breeding			Market			Total		
	2002	2003		2002	2003		2002	2003	
		Number	as % of 2002		Number	as % of 2002		Number	as % of 2002
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	80	85	106	225	225	100	305	310	102
CO	160	135	84	630	615	98	790	750	95
IL	430	410	95	3,720	3,590	97	4,150	4,000	96
IN	330	300	91	2,920	2,800	96	3,250	3,100	95
IA	1,100	1,060	96	14,400	14,840	103	15,500	15,900	103
KS	160	160	100	1,370	1,490	109	1,530	1,650	108
MI	100	110	110	770	840	109	870	950	109
MN	580	600	103	5,520	5,900	107	6,100	6,500	107
MO	360	340	94	2,590	2,610	101	2,950	2,950	100
NE	365	370	101	2,635	2,530	96	3,000	2,900	97
NC	1,000	1,000	100	8,700	9,000	103	9,700	10,000	103
OH	155	160	103	1,285	1,360	106	1,440	1,520	106
OK	330	360	109	1,910	2,020	106	2,240	2,380	106
PA	130	120	92	1,000	990	99	1,130	1,110	98
SD	140	145	104	1,190	1,135	95	1,330	1,280	96
TX	105	105	100	825	825	100	930	930	100
WI	60	55	92	460	425	92	520	480	92
Oth Sts ²	473	475	100	3,346	3,263	98	3,819	3,739	98
US	6,058	5,990	99	53,496	54,458	102	59,554	60,449	102

¹ May not add due to rounding.

² Individual State estimates not available for the 33 other States.

December 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, December 1, 2002-2003 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	2002	2003	2002	2003	2002	2003	2002	2003
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	115	120	40	30	35	30	35	45
CO	350	340	90	70	80	70	110	135
IL	1,320	1,280	920	860	800	770	680	680
IN	1,040	990	710	670	620	580	550	560
IA	4,350	4,510	3,900	4,130	3,200	3,200	2,950	3,000
KS	440	510	320	285	290	280	320	415
MI	285	300	180	205	155	175	150	160
MN	2,110	2,210	1,350	1,420	1,130	1,250	930	1,020
MO	1,190	1,280	530	530	480	460	390	340
NE	1,040	960	690	650	500	490	405	430
NC	3,450	3,550	2,050	2,200	1,700	1,750	1,500	1,500
OH	525	540	310	330	275	280	175	210
OK	910	920	260	320	160	320	580	460
PA	355	350	250	235	200	195	195	210
SD	370	385	310	250	280	280	230	220
TX	240	245	240	195	180	200	165	185
WI	165	165	110	95	95	85	90	80
Oth Sts ²	1,230	1,124	773	784	695	695	648	662
US	19,485	19,779	13,033	13,259	10,875	11,110	10,103	10,312

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, December-February 2003-2005^{1 2}**

State	Sows Farrowing				Pigs Per Litter		Pig Crop ³		
	2003	2004	2005 ⁴		2003	2004	2003	2004	
			Number	as % of 2004				Number	as % of 2003
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	41	38	43	113	9.70	9.60	398	365	92
CO	75	73	70	96	8.35	8.30	626	606	97
IL	200	205	205	100	8.85	8.85	1,770	1,814	102
IN	150	145	140	97	8.85	8.85	1,328	1,283	97
IA	410	400	450	113	8.50	8.70	3,485	3,480	100
KS	76	84	82	98	8.50	8.70	646	731	113
MI	43	45	46	102	8.80	8.90	378	401	106
MN	265	285	280	98	8.80	9.05	2,332	2,579	111
MO	170	170	160	94	8.85	9.00	1,505	1,530	102
NE	180	175	170	97	8.75	8.90	1,575	1,558	99
NC	530	550	550	100	9.00	8.95	4,770	4,923	103
OH	73	74	74	100	8.90	8.80	650	651	100
OK	170	185	180	97	8.80	8.60	1,496	1,591	106
PA	49	53	50	94	9.30	8.50	456	451	99
SD	64	70	71	101	9.05	9.20	579	644	111
TX	43	46	51	111	8.75	8.40	376	386	103
WI	29	24	22	92	8.60	8.80	249	211	85
Oth Sts ⁵	201	205	211	103	8.84	8.86	1,780	1,817	102
US	2,769	2,827	2,855	101	8.81	8.85	24,399	25,021	103

¹ December preceding year.

² May not add due to rounding.

³ Number of pigs born December-February that were still on hand March 1, or had been sold.

⁴ Intentions.

⁵ Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, March-May 2003-2004 ¹**

State	Sows Farrowing			Pigs per Litter		Pig Crop ²		
	2003	2004		2003	2004	2003	2004	
		Number	as % of 2003				Number	as % of 2003
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	36	41	114	9.70	9.70	349	398	114
CO	67	59	88	8.50	8.00	570	472	83
IL	215	215	100	8.90	8.90	1,914	1,914	100
IN	145	135	93	8.95	8.90	1,298	1,202	93
IA	470	430	91	8.70	8.75	4,089	3,763	92
KS	83	84	101	8.50	8.80	706	739	105
MI	46	44	96	9.00	9.10	414	400	97
MN	280	290	104	8.95	8.95	2,506	2,596	104
MO	170	170	100	8.70	9.00	1,479	1,530	103
NE	185	175	95	8.90	8.90	1,647	1,558	95
NC	540	550	102	9.00	9.10	4,860	5,005	103
OH	73	73	100	9.00	8.90	657	650	99
OK	175	190	109	8.90	8.80	1,558	1,672	107
PA	49	50	102	9.30	8.75	456	438	96
SD	68	70	103	9.10	9.40	619	658	106
TX	49	47	96	9.00	8.60	441	404	92
WI	28	26	93	8.75	8.75	245	228	93
Oth Sts ³	206	208	101	8.82	9.10	1,819	1,893	104
US	2,885	2,857	99	8.88	8.93	25,627	25,520	100

¹ May not add due to rounding.

² Number of pigs born March-May that were still on hand June 1, or had been sold.

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

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, June-August 2003-2004 ¹**

State	Sows Farrowing			Pigs per Litter		Pig Crop ²		
	2003	2004		2003	2004	2003	2004	
		Number	as % of 2003				Number	as % of 2003
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	37	43	116	9.60	9.40	355	404	114
CO	68	70	103	8.70	8.40	592	588	99
IL	215	205	95	8.85	8.90	1,903	1,825	96
IN	150	140	93	8.95	9.00	1,343	1,260	94
IA	450	430	96	8.70	8.90	3,915	3,827	98
KS	80	87	109	8.75	8.80	700	766	109
MI	47	47	100	9.00	9.20	423	432	102
MN	275	285	104	8.90	9.05	2,448	2,579	105
MO	170	170	100	8.95	9.00	1,522	1,530	101
NE	185	175	95	8.80	8.90	1,628	1,558	96
NC	560	560	100	9.00	9.15	5,040	5,124	102
OH	76	74	97	8.90	8.90	676	659	97
OK	185	195	105	9.00	9.00	1,665	1,755	105
PA	51	46	90	9.40	9.20	479	423	88
SD	70	68	97	9.30	9.30	651	632	97
TX	49	56	114	8.70	9.05	426	507	119
WI	29	24	83	8.60	8.85	249	212	85
Oth Sts ³	209	213	102	8.88	9.03	1,854	1,924	104
US	2,906	2,888	99	8.90	9.00	25,869	26,005	101

¹ May not add due to rounding.

² Number of pigs born June-August that were still on hand September 1, or had been sold.

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

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, September-November 2002-2004 ¹**

State	Sows Farrowing				Pigs per Litter		Pig Crop ²		
	2002	2003	2004 ³		2002	2003	2002	2003	
			Number	as % of 2003				Number	as % of 2002
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	44	35	43	123	9.80	9.50	431	333	77
CO	75	70	70	100	8.60	8.40	645	588	91
IL	210	205	205	100	8.85	8.85	1,859	1,814	98
IN	145	145	140	97	8.75	8.85	1,269	1,283	101
IA	440	430	450	105	8.50	8.80	3,740	3,784	101
KS	79	81	83	102	8.70	8.70	687	705	103
MI	42	51	47	92	9.10	8.80	382	449	118
MN	275	280	280	100	8.90	9.00	2,448	2,520	103
MO	170	175	160	91	8.95	9.10	1,522	1,593	105
NE	180	180	170	94	9.05	9.00	1,629	1,620	99
NC	530	540	550	102	9.00	9.10	4,770	4,914	103
OH	73	74	74	100	8.85	8.80	646	651	101
OK	165	185	185	100	9.10	8.70	1,502	1,610	107
PA	53	51	48	94	9.00	9.50	477	485	102
SD	61	70	70	100	9.00	9.10	549	637	116
TX	46	33	52	158	8.85	8.20	407	271	67
WI	28	26	22	85	8.70	8.70	244	226	93
Oth Sts ⁴	217	210	216	103	8.71	8.93	1,887	1,872	99
US	2,833	2,841	2,865	101	8.86	8.93	25,094	25,355	101

¹ May not add due to rounding.

² Number of pigs born September-November that were still on hand December 1, or had been sold.

³ Intentions.

⁴ Individual State estimates not available for the 33 other States.

**Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop,
United States, December-November 2003-2004^{1 2}**

Month	Sows Farrowing		Pigs per Litter		Pig Crop	
	2003	2004	2003	2004	2003	2004
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
Dec ¹	907	931	8.75	8.84	7,940	8,231
Jan	930	956	8.82	8.83	8,202	8,442
Feb	932	940	8.86	8.88	8,257	8,348
Mar	946	953	8.85	8.92	8,372	8,505
Apr	966	953	8.88	8.94	8,581	8,518
May	973	951	8.91	8.93	8,674	8,497
Jun	961	968	8.91	8.99	8,567	8,703
Jul	974	966	8.90	9.00	8,670	8,691
Aug	971	954	8.89	9.03	8,632	8,611
Sep	962		8.91		8,571	
Oct	949		8.93		8,478	
Nov	930		8.93		8,305	
Total	11,401		8.88		101,250	

¹ December preceding year.

² Monthly values may not add to quarterly or annual totals due to rounding.

Reliability of September 1 Hogs and Pigs Estimates

Survey Procedures: A random sample of roughly 11,700 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 9,650 operations, 83 percent of the total sample, during the first-half of September by mail, telephone, and face-to-face personal interviews. Regardless of when operations 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 the estimates of births and imports, and subtracts the 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 Agriculture 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 1.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 61.4 million head by more than 1.1 percent. Chances are 9 out of 10 that the difference will not exceed 1.9 percent.

Reliability of September 1 Hog Estimates ¹

Item	Root Mean Square Error	90% Confidence Level		Difference Between First and Latest Estimates			Quarters	
				Average	Smallest	Largest	First Above Latest	First Below Latest
				<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>
All Hogs & Pigs	1.1	1.9	1,166	572	38	1,236	7	13
Pig Crop	1.6	2.8	728	301	1	926	9	11
Expected Farrowings								
Next Quarter	1.8	3.0	86	36	5	158	10	10
Following Quarter	2.0	3.5	100	45	2	146	11	9

¹ Based on quarterly records for the past 20 quarters.

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