

# Quarterly Hogs and Pigs

Released September 25, 2009, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on *Quarterly Hogs and Pigs* call Nick Streff at 202-720-3106, office hours 7:30 a.m. to 4:00 p.m. ET.

## U.S. Hog Inventory down 2 Percent

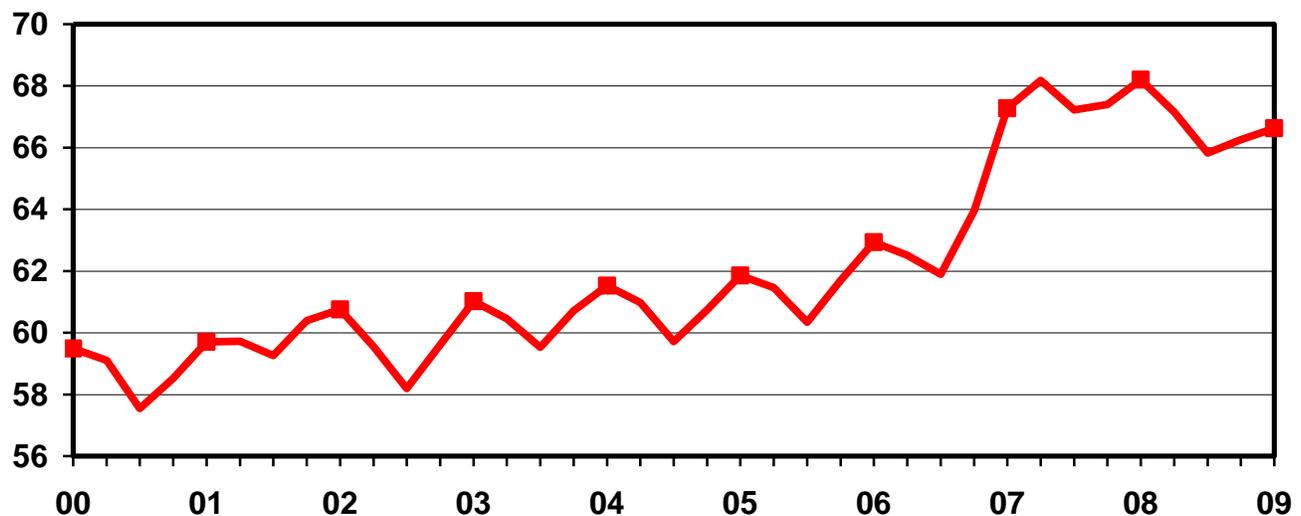
**U.S. inventory** of all hogs and pigs on September 1, 2009 was 66.6 million head. This was down 2 percent from September 1, 2008 but up 1 percent from June 1, 2009.

**Breeding inventory**, at 5.87 million head, was down 3 percent from last year and down 2 percent from the previous quarter. **Market hog inventory**, at 60.8 million head, was down 2 percent from last year but up 1 percent from last quarter.

**The June-August 2009 pig crop**, at 28.8 million head, was down 2 percent from 2008 and down 1 percent from 2007. Sows farrowing during this period totaled 2.97 million head, down 4 percent from 2008 and down 5 percent from 2007. The sows farrowed during this quarter represented 50 percent of the breeding herd. The average pigs saved per litter was a record high 9.70 for the June-August 2009 period, compared to 9.51 last year. Pigs saved per litter by size of operation ranged from 7.40 for operations with 1-99 hogs and pigs to 9.80 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 2.94 million sows farrow during the September-November 2009 quarter, down 3 percent from the actual farrowings during the same period in 2008, and down 8 percent from 2007. Intended farrowings for December 2009-February 2010, at 2.93 million sows, are down 3 percent from 2009 and down 5 percent from 2008.

The total number of hogs under contract owned by operations with over 5,000 head, but raised by contractees, accounted for 46 percent of the total U.S. hog inventory, up from 43 percent last year.

### **Revisions**

All inventory and pig crop estimates for September 2008 through June 2009 were reviewed using slaughter, death loss and current import and export data. Based on this review, adjustments of less than one percent were made to the March 2009 and June 2009 total inventory. An adjustment of less than two percent was made to the December 2008-February 2009 pig crop.

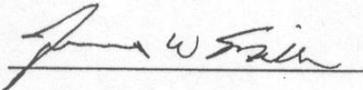
### ***Special Note***

The market hogs and pigs weight groups will be changing beginning with the December 2009 Quarterly Hogs and Pigs release. The market weight group under 60 pounds will be changed to under 50 pounds, and the market weight group 60-119 pounds will be changed to 50-119 pounds. The 120-179 pounds and 180 pounds and over weight groups will remain the same. These changes align NASS market hogs and pigs weight groups more closely with international trade data. Statistics Canada is making similar changes to the Canadian market hogs and pigs categories. This will allow for a more uniform analysis of the U.S. and Canadian hog inventories.

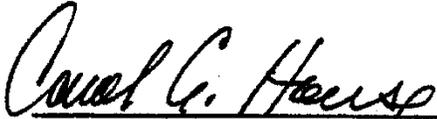
Estimates will be published in the December 2009 Quarterly Hogs and Pigs release for the new weight groups dating back to March of 2008 at the U.S. and State level using slaughter data and current import and export data. These estimates will allow for historical analysis of the new weight groups and will provide a point of reference for proceeding quarters.

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This report was approved on September 25, 2009.



Acting Secretary of  
Agriculture  
James W. Miller



Agricultural Statistics Board  
Chairperson  
Carol C. House

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**Hogs and Pigs: Inventory Number by Class, Weight Group,  
and Quarter, United States, 2008-2009**

Item	2008	2009	2009 as a % 2008
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
March 1 Inventory <sup>1</sup>			
All Hogs and Pigs	67,218	65,819	98
Kept for Breeding	6,200	5,991	97
Market	61,018	59,828	98
Market Hogs and Pigs by Weight Groups			
Under 60 Pounds	22,137	21,848	99
60-119 Pounds	14,490	14,386	99
120-179 Pounds	13,193	12,732	97
180 Pounds and Over	11,199	10,862	97
June 1 Inventory <sup>1</sup>			
All Hogs and Pigs	67,400	66,259	98
Kept for Breeding	6,131	5,967	97
Market	61,269	60,292	98
Market Hogs and Pigs by Weight Groups			
Under 60 Pounds	22,197	21,673	98
60-119 Pounds	15,321	15,168	99
120-179 Pounds	12,892	12,604	98
180 Pounds and Over	10,860	10,847	100
September 1 Inventory <sup>1</sup>			
All Hogs and Pigs	68,196	66,626	98
Kept for Breeding	6,061	5,874	97
Market	62,135	60,752	98
Market Hogs and Pigs by Weight Groups			
Under 60 Pounds	22,683	21,837	96
60-119 Pounds	15,397	15,078	98
120-179 Pounds	12,855	12,674	99
180 Pounds and Over	11,201	11,163	100
December 1 Inventory <sup>1</sup>			
All Hogs and Pigs	67,148		
Kept for Breeding	6,061		
Market	61,087		
Market Hogs and Pigs by Weight Groups			
Under 60 Pounds	21,727		
60-119 Pounds	15,096		
120-179 Pounds	12,731		
180 Pounds and Over	11,533		

<sup>1</sup> May not add due to rounding.

**Farrowings: Number of Sows, Pig Crop, and Pigs per Litter,  
United States, 2007-2010**

Item	2007	2008	2009	2010	2009 as % of		2010 as % of 2009
					2007	2008	
	<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 <sup>1 2</sup>	2,905	3,071	3,024	2,930	104	98	97
Mar-May	3,030	3,052	2,971		98	97	
Dec-May <sup>1 3</sup>	5,935	6,123	5,995		101	98	
Jun-Aug	3,133	3,075	2,966		95	96	
Sep-Nov <sup>4</sup>	3,180	3,028	2,935		92	97	
Jun-Nov <sup>3 5</sup>	6,312	6,103	5,901		93	97	
Pig Crop							
Dec-Feb <sup>1</sup>	26,395	28,387	28,673		109	101	
Mar-May	27,870	28,630	28,547		102	100	
Dec-May <sup>1 3</sup>	54,266	57,017	57,220		105	100	
Jun-Aug	29,095	29,240	28,772		99	98	
Sep-Nov	29,513	28,770					
Jun-Nov <sup>3</sup>	58,608	58,010					
	<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 <sup>1</sup>	9.09	9.24	9.48		104	103	
Mar-May	9.20	9.38	9.61		104	102	
Dec-May <sup>1</sup>	9.14	9.31	9.55		104	102	
Jun-Aug	9.29	9.51	9.70		104	102	
Sep-Nov	9.28	9.50					
Jun-Nov	9.28	9.51					

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

<sup>2</sup> Intentions for 2010.

<sup>3</sup> May not add due to rounding.

<sup>4</sup> Intentions for 2009.

<sup>5</sup> Actual farrowings for June-August plus intentions for September-November.

**Pigs per Litter: By Size of Operation, United States, 2008-2009**

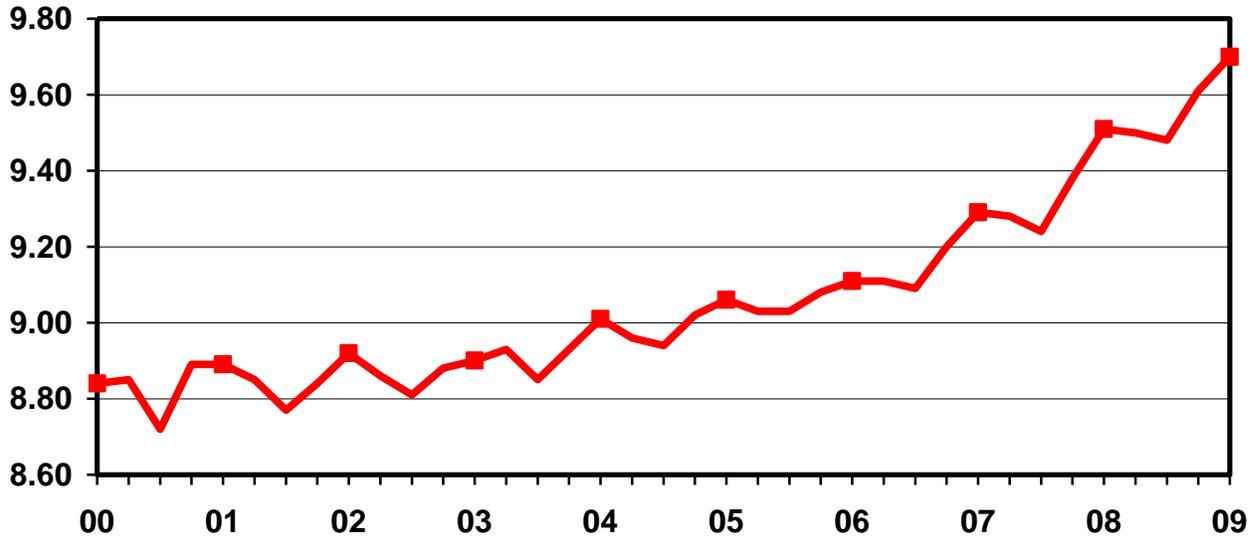
Pig Crop	Pigs per Litter on Operations Having <sup>1</sup>					
	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000-4,999 Head	5,000+ Head
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
2008						
Dec-Feb <sup>2</sup>	7.50	8.20	8.40	8.80	9.20	9.30
Mar-May	7.70	8.20	8.40	9.00	9.40	9.40
Jun-Aug	7.80	8.30	8.40	9.00	9.50	9.60
Sep-Nov	7.50	8.20	8.30	9.00	9.40	9.60
2009						
Dec-Feb <sup>2</sup>	7.30	8.10	8.40	9.00	9.40	9.50
Mar-May	7.40	8.10	8.50	9.10	9.60	9.70
Jun-Aug	7.40	8.20	8.60	9.10	9.60	9.80
Sep-Nov						

<sup>1</sup> Pigs per litter rounded to the nearest tenth.

<sup>2</sup> December preceding year.

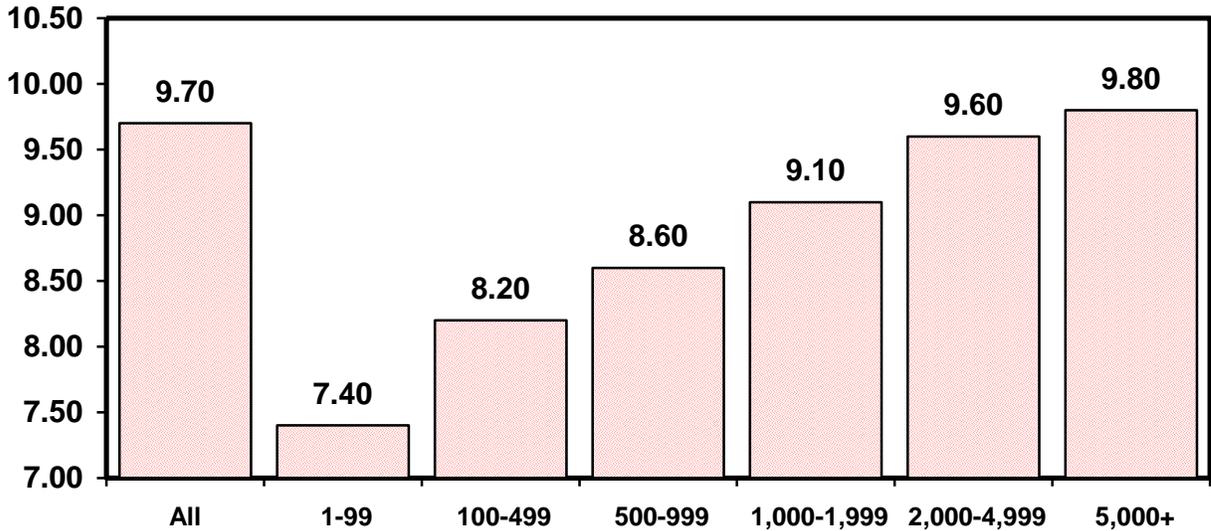
## U.S. Quarterly Litter Rate June-August

Number Head



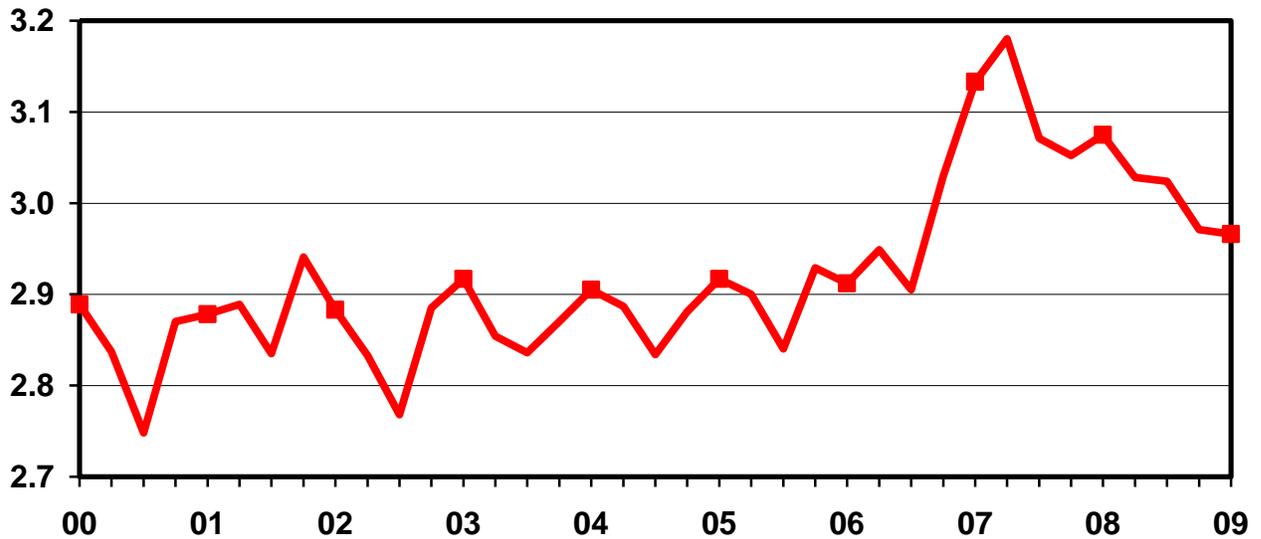
## U.S. Pigs per Litter By Size of Operation, June-August 2009

Number Head



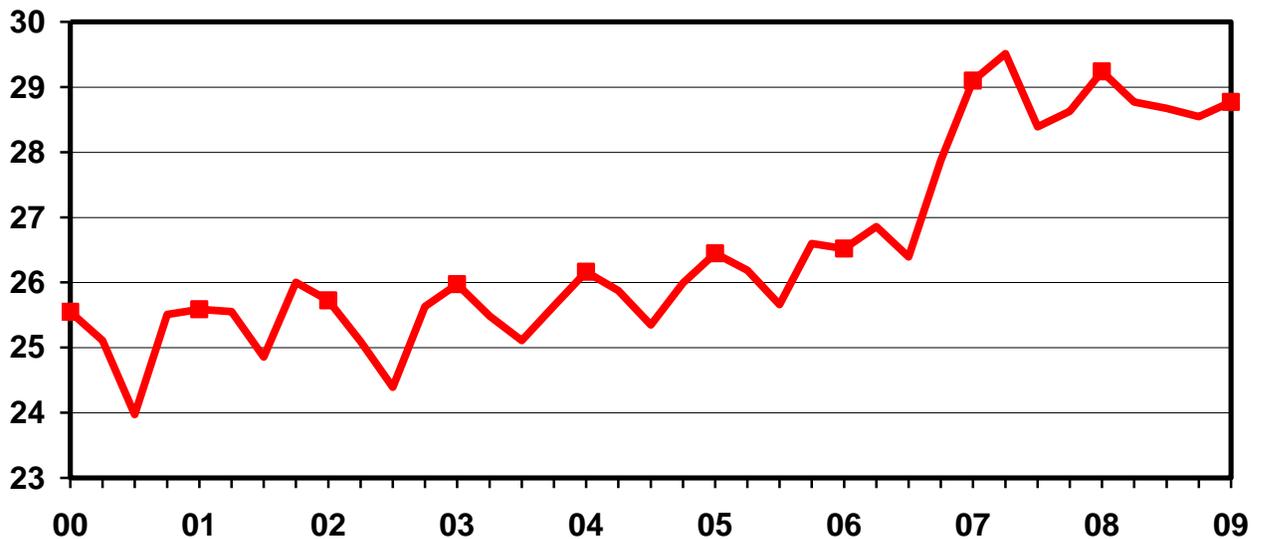
## U.S. Quarterly Sows Farrowed June-August

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, 2008-2009**

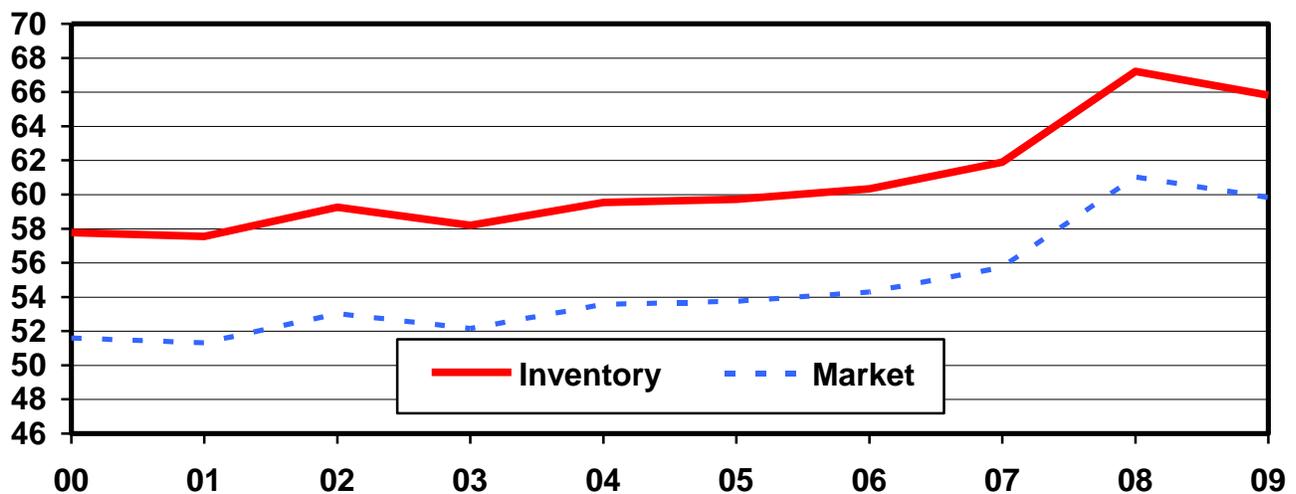
State	Breeding			Market			Total		
	2008	2009		2008	2009		2008	2009	
		Number	as % of 2008		Number	as % of 2008		Number	as % of 2008
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	90	85	94	210	190	90	300	275	92
CO	155	150	97	625	590	94	780	740	95
IL	490	480	98	3,960	3,820	96	4,450	4,300	97
IN	310	270	87	3,340	3,280	98	3,650	3,550	97
IA	1,080	1,040	96	18,020	18,460	102	19,100	19,500	102
KS	170	165	97	1,710	1,655	97	1,880	1,820	97
MI	100	110	110	880	930	106	980	1,040	106
MN	590	580	98	6,910	6,820	99	7,500	7,400	99
MO	380	365	96	2,720	2,585	95	3,100	2,950	95
NE	370	385	104	2,930	2,815	96	3,300	3,200	97
NC	1,010	980	97	9,090	8,420	93	10,100	9,400	93
OH	165	170	103	1,685	1,810	107	1,850	1,980	107
OK	400	400	100	1,950	1,940	99	2,350	2,340	100
PA	100	90	90	1,050	1,020	97	1,150	1,110	97
SD	160	150	94	1,310	1,160	89	1,470	1,310	89
TX	105	95	90	985	995	101	1,090	1,090	100
WI	45	45	100	365	325	89	410	370	90
Oth Sts <sup>1</sup>	480	431	90	3,278	3,013	92	3,758	3,444	92
US <sup>2</sup>	6,200	5,991	97	61,018	59,828	98	67,218	65,819	98

<sup>1</sup> Individual State estimates not available for the 33 Other States.

<sup>2</sup> May not add due to rounding.

## U.S. Hog Inventory & Market Hogs March 1

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, March 1, 2008-2009**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	2008	2009	2008	2009	2008	2009	2008	2009
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	160	145	15	15	10	15	25	15
CO	320	320	85	75	80	70	140	125
IL	1,440	1,490	900	960	900	770	720	600
IN	1,200	1,260	840	820	680	620	620	580
IA	5,450	5,340	4,680	5,060	4,440	4,690	3,450	3,370
KS	575	575	370	265	295	290	470	525
MI	315	350	220	230	170	160	175	190
MN	2,690	2,710	1,650	1,680	1,460	1,390	1,110	1,040
MO	1,245	1,250	520	470	530	465	425	400
NE	1,080	1,060	760	720	660	610	430	425
NC	3,580	3,400	2,100	1,840	1,890	1,710	1,520	1,470
OH	635	715	410	435	390	390	250	270
OK	960	890	300	340	220	210	470	500
PA	320	350	300	275	230	200	200	195
SD	480	450	285	250	280	245	265	215
TX	330	310	200	200	210	200	245	285
WI	150	145	85	70	60	55	70	55
Oth Sts <sup>1</sup>	1,207	1,088	770	681	688	642	614	602
US <sup>2</sup>	22,137	21,848	14,490	14,386	13,193	12,732	11,199	10,862

<sup>1</sup> Individual State estimates not available for the 33 Other States.

<sup>2</sup> Weight groups may not add to Market Hogs and Pigs due to rounding.

**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, June 1, 2008-2009**

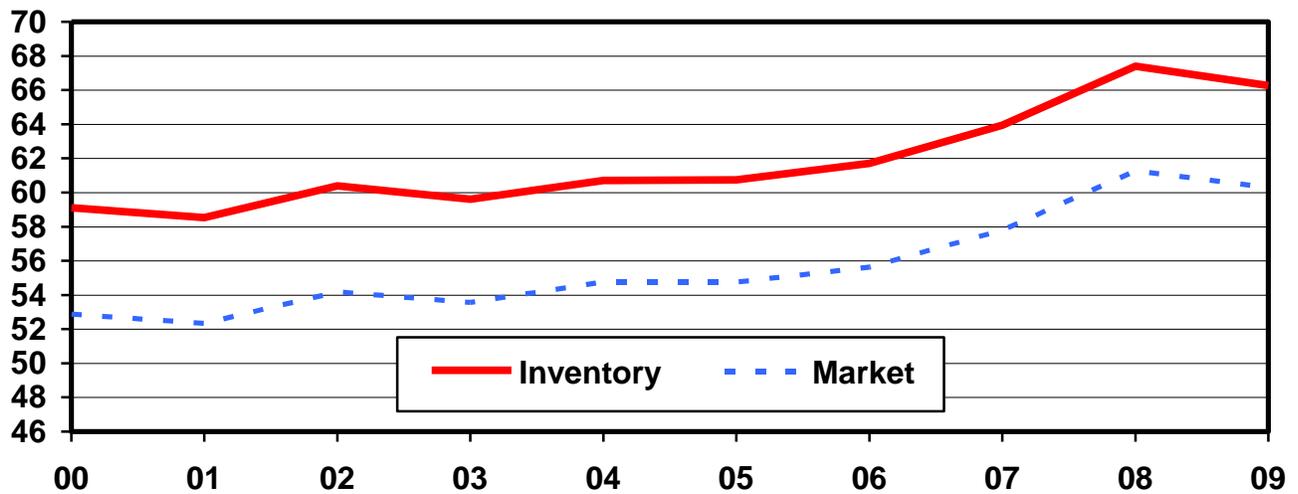
State	Breeding			Market			Total		
	2008	2009		2008	2009		2008	2009	
		Number	as % of 2008		Number	as % of 2008		Number	as % of 2008
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	95	85	89	215	200	93	310	285	92
CO	150	150	100	610	590	97	760	740	97
IL	460	480	104	3,890	3,820	98	4,350	4,300	99
IN	290	270	93	3,360	3,280	98	3,650	3,550	97
IA	1,080	1,020	94	18,320	18,580	101	19,400	19,600	101
KS	170	170	100	1,610	1,620	101	1,780	1,790	101
MI	100	110	110	930	940	101	1,030	1,050	102
MN	580	580	100	6,920	6,920	100	7,500	7,500	100
MO	380	345	91	2,720	2,655	98	3,100	3,000	97
NE	380	390	103	3,020	2,860	95	3,400	3,250	96
NC	1,020	990	97	9,080	8,610	95	10,100	9,600	95
OH	165	170	103	1,725	1,830	106	1,890	2,000	106
OK	400	400	100	1,960	1,890	96	2,360	2,290	97
PA	95	90	95	1,085	1,050	97	1,180	1,140	97
SD	150	155	103	1,280	1,125	88	1,430	1,280	90
TX	105	95	90	965	915	95	1,070	1,010	94
WI	45	45	100	345	315	91	390	360	92
Oth Sts <sup>1</sup>	466	422	91	3,234	3,092	96	3,700	3,514	95
US <sup>2</sup>	6,131	5,967	97	61,269	60,292	98	67,400	66,259	98

<sup>1</sup> Individual State estimates not available for the 33 Other States.

<sup>2</sup> May not add due to rounding.

## U.S. Hog Inventory & Market Hogs June 1

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, June 1, 2008-2009**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	2008	2009	2008	2009	2008	2009	2008	2009
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	160	155	20	15	15	15	20	15
CO	310	315	115	90	70	70	115	115
IL	1,400	1,360	990	1,030	850	790	650	640
IN	1,180	1,220	900	870	670	630	610	560
IA	5,430	5,380	5,060	5,250	4,450	4,530	3,380	3,420
KS	540	520	330	325	260	285	480	490
MI	325	360	230	240	185	160	190	180
MN	2,660	2,660	1,760	1,850	1,470	1,380	1,030	1,030
MO	1,295	1,295	545	490	475	455	405	415
NE	1,120	1,060	810	750	650	630	440	420
NC	3,700	3,420	2,150	1,920	1,760	1,740	1,470	1,530
OH	630	715	435	450	400	395	260	270
OK	990	860	300	310	220	210	450	510
PA	320	350	320	310	235	205	210	185
SD	480	425	305	260	255	225	240	215
TX	315	295	225	215	205	205	220	200
WI	130	130	90	75	60	60	65	50
Oth Sts <sup>1</sup>	1,212	1,153	736	718	662	619	625	602
US <sup>2</sup>	22,197	21,673	15,321	15,168	12,892	12,604	10,860	10,847

<sup>1</sup> Individual State estimates not available for the 33 Other States.

<sup>2</sup> Weight groups may not add to Market Hogs and Pigs due to rounding.

**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, September 1, 2008-2009**

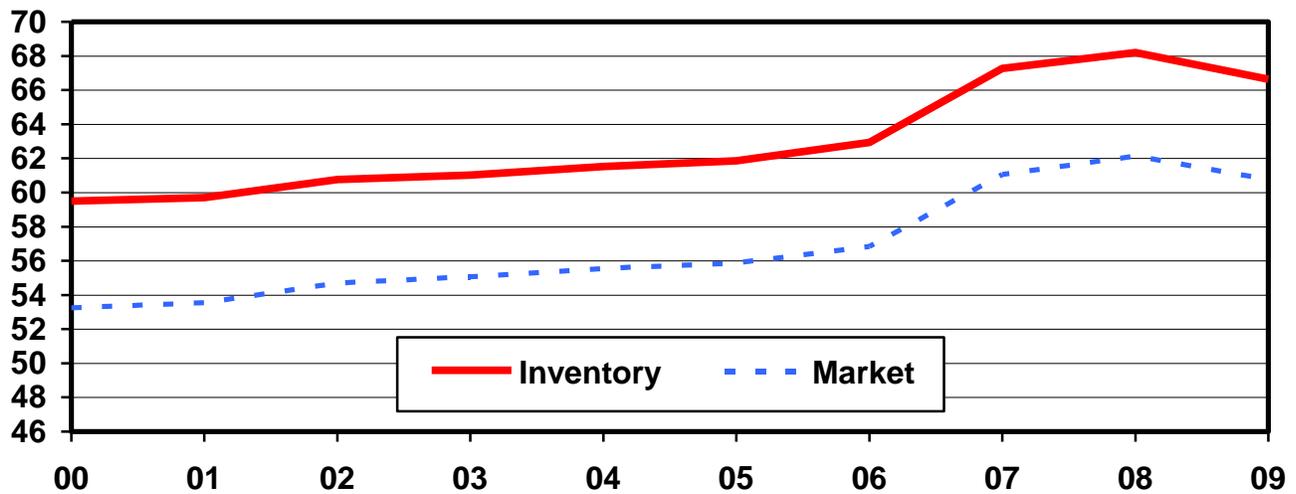
State	Breeding			Market			Total		
	2008	2009		2008	2009		2008	2009	
		Number	as % of 2008		Number	as % of 2008		Number	as % of 2008
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	95	80	84	220	185	84	315	265	84
CO	150	150	100	600	580	97	750	730	97
IL	470	470	100	3,930	3,780	96	4,400	4,250	97
IN	280	280	100	3,320	3,320	100	3,600	3,600	100
IA	1,070	1,010	94	18,730	18,590	99	19,800	19,600	99
KS	170	160	94	1,640	1,600	98	1,810	1,760	97
MI	100	110	110	950	940	99	1,050	1,050	100
MN	570	560	98	7,030	6,740	96	7,600	7,300	96
MO	375	350	93	2,775	2,700	97	3,150	3,050	97
NE	375	380	101	2,925	2,970	102	3,300	3,350	102
NC	1,000	980	98	9,300	9,020	97	10,300	10,000	97
OH	165	160	97	1,755	1,880	107	1,920	2,040	106
OK	400	410	103	2,060	1,950	95	2,460	2,360	96
PA	85	90	106	1,035	1,020	99	1,120	1,110	99
SD	150	150	100	1,210	1,130	93	1,360	1,280	94
TX	105	70	67	1,015	940	93	1,120	1,010	90
WI	45	45	100	335	295	88	380	340	89
Oth Sts <sup>1</sup>	456	419	92	3,305	3,112	94	3,761	3,531	94
US <sup>2</sup>	6,061	5,874	97	62,135	60,752	98	68,196	66,626	98

<sup>1</sup> Individual State estimates not available for the 33 Other States.

<sup>2</sup> May not add due to rounding.

## U.S. Hog Inventory & Market Hogs September 1

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, September 1, 2008-2009**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	2008	2009	2008	2009	2008	2009	2008	2009
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	170	140	20	15	15	15	15	15
CO	310	315	105	90	70	55	115	120
IL	1,420	1,400	1,010	970	840	770	660	640
IN	1,200	1,260	890	850	620	600	610	610
IA	5,620	5,330	5,170	5,250	4,460	4,600	3,480	3,410
KS	570	555	300	280	275	290	495	475
MI	355	365	240	220	185	160	170	195
MN	2,820	2,660	1,820	1,770	1,400	1,280	990	1,030
MO	1,350	1,265	565	520	495	470	365	445
NE	1,090	1,100	780	770	610	650	445	450
NC	3,700	3,520	2,050	2,070	1,860	1,790	1,690	1,640
OH	655	745	455	460	400	410	245	265
OK	980	910	320	300	240	250	520	490
PA	320	320	305	275	215	205	195	220
SD	455	410	285	260	240	230	230	230
TX	325	295	250	205	205	200	235	240
WI	125	125	90	65	55	50	65	55
Oth Sts <sup>1</sup>	1,218	1,122	742	708	670	649	676	633
US <sup>2</sup>	22,683	21,837	15,397	15,078	12,855	12,674	11,201	11,163

<sup>1</sup> Individual State estimates not available for the 33 Other States.

<sup>2</sup> Weight groups may not add to Market Hogs and Pigs due to rounding.

**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, December 1, 2007-2008**

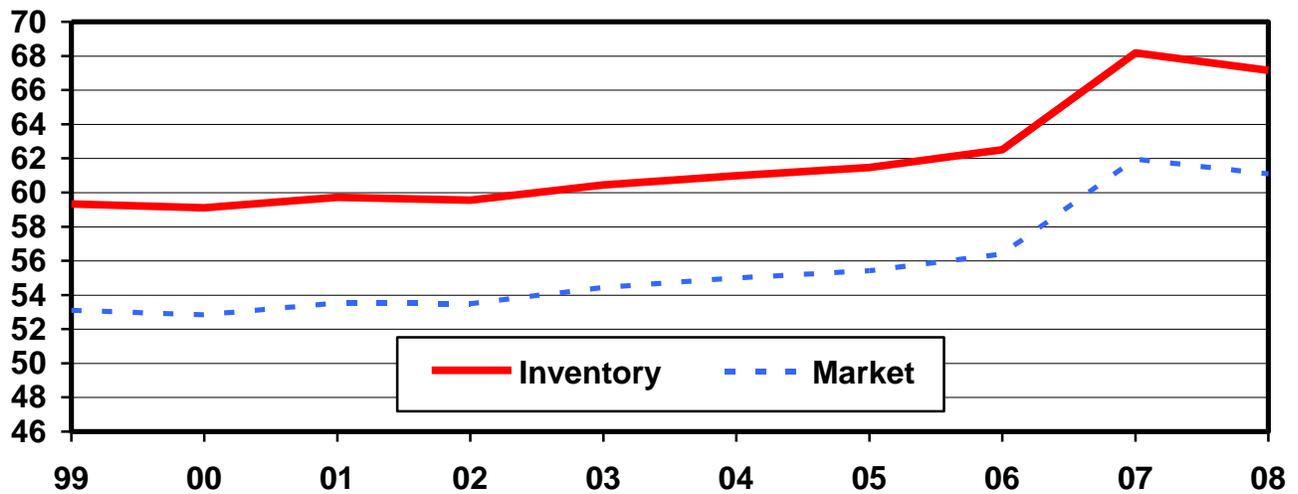
State	Breeding			Market			Total		
	2007	2008		2007	2008		2007	2008	
		Number	as % of 2007		Number	as % of 2007		Number	as % of 2007
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	85	90	106	205	190	93	290	280	97
CO	160	150	94	700	580	83	860	730	85
IL	480	490	102	3,870	3,860	100	4,350	4,350	100
IN	320	280	88	3,380	3,270	97	3,700	3,550	96
IA	1,080	1,070	99	18,320	18,830	103	19,400	19,900	103
KS	180	165	92	1,700	1,575	93	1,880	1,740	93
MI	100	110	110	930	920	99	1,030	1,030	100
MN	600	580	97	7,100	6,920	97	7,700	7,500	97
MO	375	370	99	2,775	2,780	100	3,150	3,150	100
NE	365	380	104	2,985	2,970	99	3,350	3,350	100
NC	1,020	980	96	9,180	8,720	95	10,200	9,700	95
OH	160	170	106	1,670	1,770	106	1,830	1,940	106
OK	400	400	100	1,950	2,000	103	2,350	2,400	102
PA	105	90	86	1,065	1,030	97	1,170	1,120	96
SD	165	155	94	1,295	1,125	87	1,460	1,280	88
TX	105	100	95	1,055	1,020	97	1,160	1,120	97
WI	50	40	80	390	320	82	440	360	82
Oth Sts <sup>1</sup>	483	441	91	3,374	3,207	95	3,857	3,648	95
US <sup>2</sup>	6,233	6,061	97	61,944	61,087	99	68,177	67,148	98

<sup>1</sup> Individual State estimates not available for the 33 Other States.

<sup>2</sup> May not add due to rounding.

## U.S. Hog Inventory & Market Hogs December 1

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, December 1, 2007-2008**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	2007	2008	2007	2008	2007	2008	2007	2008
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	150	145	20	15	15	15	20	15
CO	360	315	90	70	90	70	160	125
IL	1,420	1,420	980	990	800	800	670	650
IN	1,260	1,220	850	830	680	610	590	610
IA	5,810	5,290	4,880	5,320	4,060	4,500	3,570	3,720
KS	580	530	365	305	295	245	460	495
MI	315	320	235	240	200	175	180	185
MN	2,750	2,710	1,730	1,760	1,450	1,360	1,170	1,090
MO	1,300	1,340	570	560	485	490	420	390
NE	1,140	1,130	805	760	590	630	450	450
NC	3,430	3,380	2,220	1,930	1,890	1,770	1,640	1,640
OH	650	670	405	445	360	400	255	255
OK	910	930	300	320	220	260	520	490
PA	345	320	300	300	220	215	200	195
SD	465	435	285	225	295	240	250	225
TX	315	320	230	200	230	205	280	295
WI	150	120	100	85	70	55	70	60
Oth Sts <sup>1</sup>	1,195	1,132	808	741	708	691	664	643
US <sup>2</sup>	22,545	21,727	15,173	15,096	12,658	12,731	11,569	11,533

<sup>1</sup> Individual State estimates not available for the 33 Other States.

<sup>2</sup> Weight groups may not add to Market Hogs and Pigs due to rounding.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, December-February 2008-2010**

State	Sows Farrowing <sup>1</sup>				Pigs Per Litter <sup>1</sup>		Pig Crop <sup>1 2</sup>		
	2008	2009	2010 <sup>3</sup>		2008	2009	2008	2009	
			Number	as % of 2009				Number	as % of 2008
	<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	44	32	73	9.60	9.85	422	433	103
CO	84	75	74	99	9.05	8.60	760	645	85
IL	240	255	245	96	9.25	9.50	2,220	2,423	109
IN	150	140	145	104	9.00	9.30	1,350	1,302	96
IA	510	505	480	95	9.20	9.60	4,692	4,848	103
KS	86	81	81	100	9.10	9.10	783	737	94
MI	52	53	56	106	9.45	9.70	491	514	105
MN	285	285	285	100	9.25	9.75	2,636	2,779	105
MO	190	190	185	97	9.20	9.35	1,748	1,777	102
NE	190	185	180	97	9.50	9.75	1,805	1,804	100
NC	550	530	520	98	9.20	9.55	5,060	5,062	100
OH	89	88	84	95	9.15	9.40	814	827	102
OK	180	190	190	100	9.35	8.90	1,683	1,691	100
PA	43	40	41	103	9.50	9.75	409	390	95
SD	88	83	78	94	9.60	9.85	845	818	97
TX	54	46	33	72	9.00	9.65	486	444	91
WI	26	24	23	96	8.95	8.80	233	211	91
Oth Sts <sup>4</sup>	210	210	198	94	9.29	9.37	1,950	1,968	101
US <sup>5</sup>	3,071	3,024	2,930	97	9.24	9.48	28,387	28,673	101

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

<sup>2</sup> Number of pigs born December-February that were still on hand March 1, or had been sold.

<sup>3</sup> Intentions.

<sup>4</sup> Individual State estimates not available for the 33 Other States.

<sup>5</sup> May not add due to rounding.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, March-May 2008-2009**

State	Sows Farrowing			Pigs per Litter		Pig Crop <sup>1</sup>		
	2008	2009		2008	2009	2008	2009	
		Number	as % of 2008				Number	as % of 2008
	<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	45	46	102	9.80	9.25	441	426	97
CO	81	72	89	8.85	9.00	717	648	90
IL	230	245	107	9.35	9.50	2,151	2,328	108
IN	145	135	93	9.10	9.40	1,320	1,269	96
IA	520	485	93	9.35	9.65	4,862	4,680	96
KS	80	80	100	9.10	9.40	728	752	103
MI	53	53	100	9.70	9.65	514	511	99
MN	285	280	98	9.50	9.95	2,708	2,786	103
MO	190	185	97	9.40	9.80	1,786	1,813	102
NE	185	185	100	9.60	9.90	1,776	1,832	103
NC	550	530	96	9.35	9.70	5,143	5,141	100
OH	89	86	97	9.40	9.50	837	817	98
OK	185	180	97	9.45	9.00	1,748	1,620	93
PA	41	42	102	9.45	9.75	387	410	106
SD	85	86	101	9.70	10.10	825	869	105
TX	51	47	92	8.60	9.70	439	456	104
WI	26	23	88	9.10	9.10	237	209	88
Oth Sts <sup>2</sup>	211	211	100	9.54	9.41	2,011	1,980	98
US <sup>3</sup>	3,052	2,971	97	9.38	9.61	28,630	28,547	100

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

<sup>2</sup> Individual State estimates not available for the 33 Other States.

<sup>3</sup> May not add due to rounding.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, June-August 2008-2009**

State	Sows Farrowing			Pigs per Litter		Pig Crop <sup>1</sup>		
	2008	2009		2008	2009	2008	2009	
		Number	as % of 2008				Number	as % of 2008
	<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	50	44	88	9.70	9.85	485	433	89
CO	76	72	95	8.90	9.50	676	684	101
IL	240	245	102	9.45	9.50	2,268	2,328	103
IN	145	140	97	9.25	9.50	1,341	1,330	99
IA	510	475	93	9.40	9.75	4,794	4,631	97
KS	81	80	99	9.15	9.30	741	744	100
MI	53	57	108	9.25	9.60	490	547	112
MN	285	275	96	9.80	10.00	2,793	2,750	98
MO	195	185	95	9.70	10.00	1,892	1,850	98
NE	185	185	100	9.70	10.05	1,795	1,859	104
NC	560	530	95	9.65	9.70	5,404	5,141	95
OH	89	86	97	9.50	9.60	846	826	98
OK	195	190	97	9.35	9.50	1,823	1,805	99
PA	38	43	113	9.60	10.00	365	430	118
SD	82	83	101	9.80	10.00	804	830	103
TX	52	46	88	8.55	9.00	445	414	93
WI	24	23	96	9.10	9.15	218	210	96
Oth Sts <sup>2</sup>	215	207	96	9.58	9.49	2,060	1,960	95
US <sup>3</sup>	3,075	2,966	96	9.51	9.70	29,240	28,772	98

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

<sup>2</sup> Individual State estimates not available for the 33 Other States.

<sup>3</sup> May not add due to rounding.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, September-November 2007-2009**

State	Sows Farrowing				Pigs Per Litter		Pig Crop <sup>1</sup>		
	2007	2008	2009 <sup>2</sup>		2007	2008	2007	2008	
			Number	as % of 2008				Number	as % of 2007
	<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	46	32	70	9.80	9.80	431	451	105
CO	83	71	73	103	9.05	8.80	751	625	83
IL	245	255	245	96	9.25	9.40	2,266	2,397	106
IN	155	140	140	100	9.00	9.20	1,395	1,288	92
IA	540	510	480	94	9.30	9.50	5,022	4,845	96
KS	89	76	81	107	9.15	9.40	814	714	88
MI	53	53	56	106	9.45	9.65	501	511	102
MN	295	285	285	100	9.30	9.85	2,744	2,807	102
MO	195	200	185	93	9.30	9.65	1,814	1,930	106
NE	195	185	180	97	9.55	9.80	1,862	1,813	97
NC	570	520	530	102	9.20	9.55	5,244	4,966	95
OH	86	89	84	94	9.45	9.00	813	801	99
OK	190	185	185	100	9.20	9.20	1,748	1,702	97
PA	51	40	42	105	9.10	9.35	464	374	81
SD	90	84	78	93	9.55	9.80	860	823	96
TX	58	50	35	70	9.35	9.55	542	478	88
WI	26	23	22	96	8.90	8.95	231	206	89
Oth Sts <sup>3</sup>	215	216	202	94	9.37	9.44	2,011	2,039	101
US <sup>4</sup>	3,180	3,028	2,935	97	9.28	9.50	29,513	28,770	97

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

<sup>2</sup> Intentions.

<sup>3</sup> Individual State estimates not available for the 33 Other States.

<sup>4</sup> May not add due to rounding.

**Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop,  
United States, December-November 2008-2009**

Month	Sows Farrowing <sup>1</sup>		Pigs per Litter		Pig Crop <sup>1</sup>	
	2008	2009	2008	2009	2008	2009
	<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 <sup>2</sup>	1,017	1,001	9.22	9.50	9,381	9,512
Jan	1,028	1,018	9.24	9.45	9,501	9,619
Feb	1,026	1,005	9.26	9.49	9,505	9,542
Mar	1,049	997	9.35	9.56	9,811	9,530
Apr	998	986	9.38	9.61	9,370	9,474
May	1,004	988	9.41	9.66	9,449	9,543
Jun	1,046	998	9.48	9.71	9,917	9,693
Jul	1,020	988	9.52	9.70	9,712	9,589
Aug	1,009	980	9.53	9.69	9,611	9,490
Sep	1,047		9.50		9,950	
Oct	1,005		9.48		9,528	
Nov	976		9.52		9,292	
Total	12,225		9.41		115,027	

<sup>1</sup> Monthly values may not add to quarterly or annual totals due to rounding.

<sup>2</sup> December preceding year.

## Reliability of September 1 Hogs and Pigs Estimates

**Survey Procedures:** A random sample of roughly 9,200 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. During the first half of September 2009, data were collected from about 7,700 operations, 84 percent of the total sample. The data collected were received by electronic data reporting (EDR), mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of September 1, 2009.

**Estimation Procedures:** Hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each field 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 1.6 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 66.6 million head by more than 1.6 percent. Chances are 9 out of 10 that the difference will not exceed 2.7 percent.

**Reliability of September 1 Hog Estimates**

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>Percent</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>
All Hogs & Pigs	1.6	2.7	1,799	692	67	3,067	4	16
Pig Crop	2.0	3.4	978	375	0	1,644	4	15
Expected Farrowings								
Next Quarter	2.4	4.1	120	46	3	216	3	17
Following Quarter	2.7	4.6	135	56	3	220	5	15

**Information Contacts**

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information.

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 Sherry Bertramsen - Livestock Slaughter ..... (515) 284-4340  
 Everett Olbert - Sheep and Goats ..... (202) 720-4751  
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For **assistance** with general agricultural statistics or further information about NASS or its products or services, contact the **Agricultural Statistics Hotline** at **800-727-9540**, 7:30 a.m. to 4:00 p.m. ET, or e-mail: **nass@nass.usda.gov**.

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**USDA Data Users' Meeting  
Monday, November 2, 2009**

**Crowne Plaza Hotel Chicago-Metro  
Chicago, Illinois 60661  
(312) 829-5000**

The USDA's National Agricultural Statistics Service will be organizing an open forum for data users. The purpose will be to provide updates on pending changes in the various statistical and information programs and seeks comments and input from data users. Other USDA agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and World Agricultural Outlook Board. The Foreign Trade Division from the Census Bureau will also be included in the meeting.

For registration details or additional information for the Data Users' Meeting, see the NASS homepage at [www.nass.usda.gov/forum/](http://www.nass.usda.gov/forum/) or contact Marjorie Taylor (NASS) at (202) 690-8141 or at [marjorie\\_taylor@nass.usda.gov](mailto:marjorie_taylor@nass.usda.gov).

This Data Users' Meeting precedes an Industry Outlook Conference that will be held at the same location on Tuesday, November 3, 2009. The Outlook Conference brings together analysts from various commodity sectors to discuss the outlook situation. For registration details or additional information for the Industry Outlook Meeting see the Livestock and Marketing Information Center (LMIC) homepage at [www.lmic.info](http://www.lmic.info) or contact Jim Robb at (720) 544-2941 or at [robb@lmic.info](mailto:robb@lmic.info).