



# Quarterly Hogs and Pigs

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## United States Hog Inventory up 1 Percent

**United States inventory** of all hogs and pigs on June 1, 2011 was 65.0 million head. This was up 1 percent from June 1, 2010, and up 2 percent from March 1, 2011.

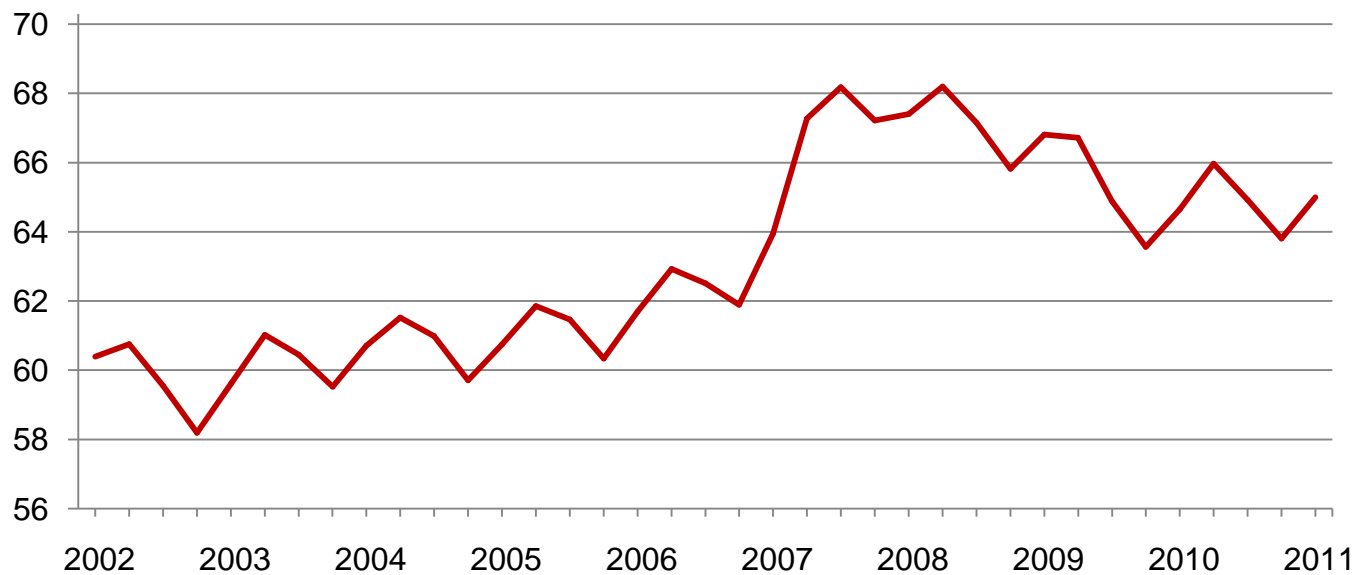
**Breeding inventory**, at 5.80 million head, was up slightly from last year, and up slightly from the previous quarter.

**Market hog inventory**, at 59.2 million head, was up 1 percent from last year, and up 2 percent from last quarter.

**The March-May 2011 pig crop**, at 28.9 million head, was up slightly from 2010 but down 1 percent from 2009. Sows farrowing during this period totaled 2.88 million head, down 2 percent from 2010 and down 5 percent from 2009. The sows farrowed during this quarter represented 50 percent of the breeding herd. The average pigs saved per litter was a record high 10.03 for the March-May 2011 period, compared to 9.81 last year. Pigs saved per litter by size of operation ranged from 7.50 for operations with 1-99 hogs and pigs to 10.10 for operations with more than 5,000 hogs and pigs.

## Quarterly Hogs and Pigs Inventory – United States: June 1

Million head



**United States hog producers** intend to have 2.87 million sows farrow during the June-August 2011 quarter, down 3 percent from the actual farrowings during the same period in 2010, and down 3 percent from 2009. Intended farrowings for September-November 2011, at 2.85 million sows, are down 1 percent from 2010 and down 2 percent from 2009.

The total number of hogs under contract owned by operations with over 5,000 head, but raised by contractees, accounted for 45 percent of the total United States hog inventory, up from 44 percent last year.

## Revisions

All inventory and pig crop estimates for June 2010 through March 2011 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. Based on the findings of this review, an adjustment of less than one half of one percent was made to the December 2010 total inventory. An adjustment of less than one half of one percent was made to the March 2011 total inventory. An adjustment of more than one percent was made to the September-November 2010 pig crop.

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This report was approved on June 24, 2011.



Acting Secretary of  
Agriculture  
Darci L. Vetter



Agricultural Statistics Board  
Chairperson  
Hubert Hamer

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# Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2010 and 2011

[Blank data cells indicate estimation period has not yet begun]

Item	2010	2011	2011 as percent of 2010
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory <sup>1</sup>			
All hogs and pigs .....	63,568	63,809	100
Kept for breeding .....	5,760	5,788	100
Market .....	57,808	58,021	100
Market hogs and pigs by weight groups			
Under 50 pounds .....	18,767	18,898	101
50-119 pounds .....	15,993	16,225	101
120-179 pounds .....	12,307	12,311	100
180 pounds and over .....	10,742	10,587	99
June 1 inventory <sup>1</sup>			
All hogs and pigs .....	64,650	65,000	101
Kept for breeding .....	5,788	5,803	100
Market .....	58,862	59,197	101
Market hogs and pigs by weight groups			
Under 50 pounds .....	19,354	19,383	100
50-119 pounds .....	16,902	16,861	100
120-179 pounds .....	12,029	12,424	103
180 pounds and over .....	10,578	10,529	100
September 1 inventory <sup>1</sup>			
All hogs and pigs .....	65,971		
Kept for breeding .....	5,770		
Market .....	60,201		
Market hogs and pigs by weight groups			
Under 50 pounds .....	19,613		
50-119 pounds .....	17,395		
120-179 pounds .....	12,674		
180 pounds and over .....	10,520		
December 1 inventory <sup>1</sup>			
All hogs and pigs .....	64,925		
Kept for breeding .....	5,778		
Market .....	59,147		
Market hogs and pigs by weight groups			
Under 50 pounds .....	18,864		
50-119 pounds .....	16,519		
120-179 pounds .....	12,233		
180 pounds and over .....	11,531		

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

## Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2009-2011

Item	2009	2010	2011	2011 as percent of	
				2009	2010
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing .....					
December-February <sup>1</sup> .....	3,011	2,872	2,856	95	99
March-May .....	3,018	2,929	2,877	95	98
December-May <sup>1 2</sup> .....	6,029	5,801	5,733	95	99
June-August <sup>3</sup> .....	2,959	2,944	2,867	97	97
September-November <sup>3</sup> .....	2,915	2,881	2,848	98	99
June-November <sup>2 3</sup> .....	5,874	5,824	5,715	97	98
Pig crop .....					
December-February <sup>1</sup> .....	28,552	27,597	27,986	98	101
March-May .....	29,012	28,730	28,851	99	100
December-May <sup>1 2</sup> .....	57,564	56,327	56,836	99	101
June-August .....	28,718	28,871			
September-November .....	28,260	28,489			
June-November <sup>2</sup> .....	56,978	57,359			
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter .....					
December-February <sup>1</sup> .....	9.48	9.61	9.80	103	102
March-May .....	9.61	9.81	10.03	104	102
December-May <sup>1</sup> .....	9.55	9.71	9.91	104	102
June-August .....	9.70	9.81			
September-November .....	9.70	9.89			
June-November .....	9.70	9.85			

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

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

<sup>3</sup> Intentions for 2011.

## Pigs per Litter by Size of Operation – United States: 2010 and 2011

[Blank data cells indicate estimation period has not yet begun]

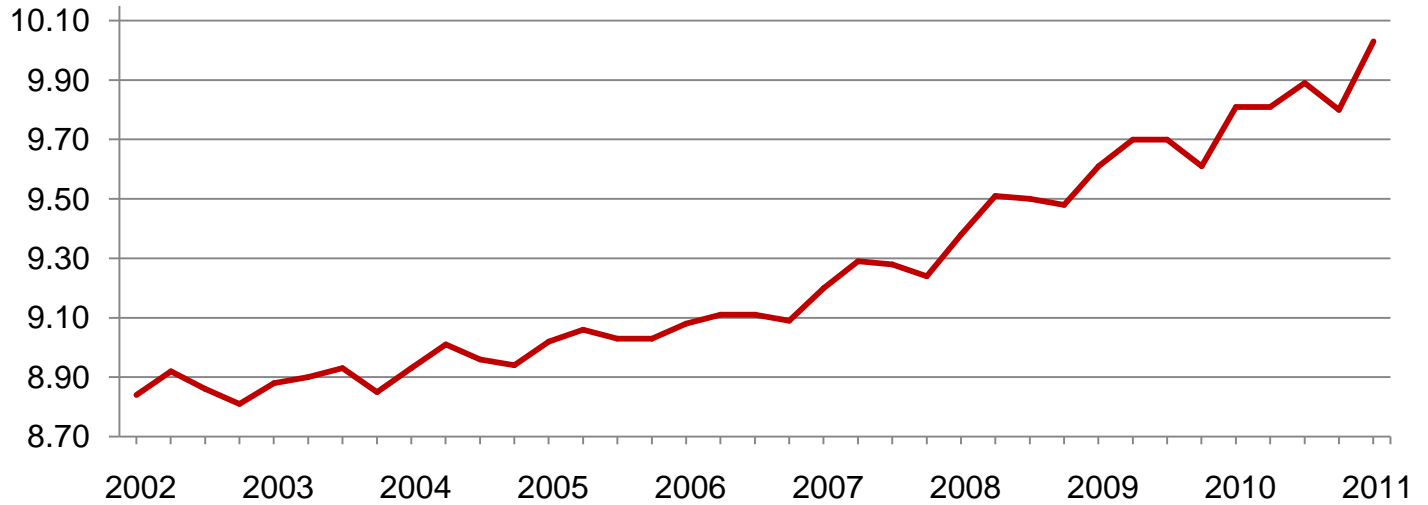
Pig crop	Pigs per litter on operations having <sup>1</sup>					
	1-99 head	100-499 head	500-999 head	1,000-1,999 head	2,000-4,999 head	5,000+ head
	(number)	(number)	(number)	(number)	(number)	(number)
2010						
December-February <sup>2</sup> .....	7.40	8.10	8.50	9.20	9.60	9.70
March-May .....	7.70	8.40	8.60	9.40	9.70	9.90
June-August .....	7.80	8.40	8.70	9.40	9.70	9.90
September-November .....	7.70	8.30	8.80	9.40	9.80	10.00
2011						
December-February <sup>2</sup> .....	7.50	8.30	8.80	9.30	9.70	9.90
March-May .....	7.50	8.30	8.90	9.30	9.90	10.10
June-August .....						
September-November .....						

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

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

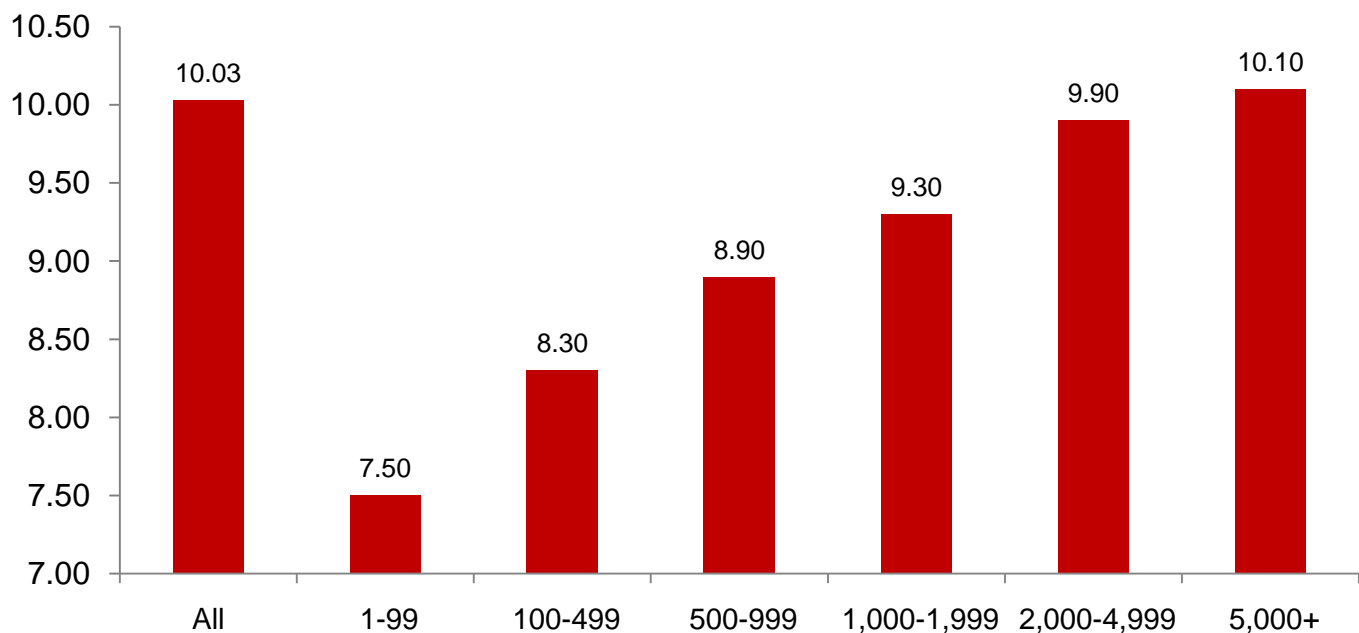
## Quarterly Litter Rate – United States

Number head



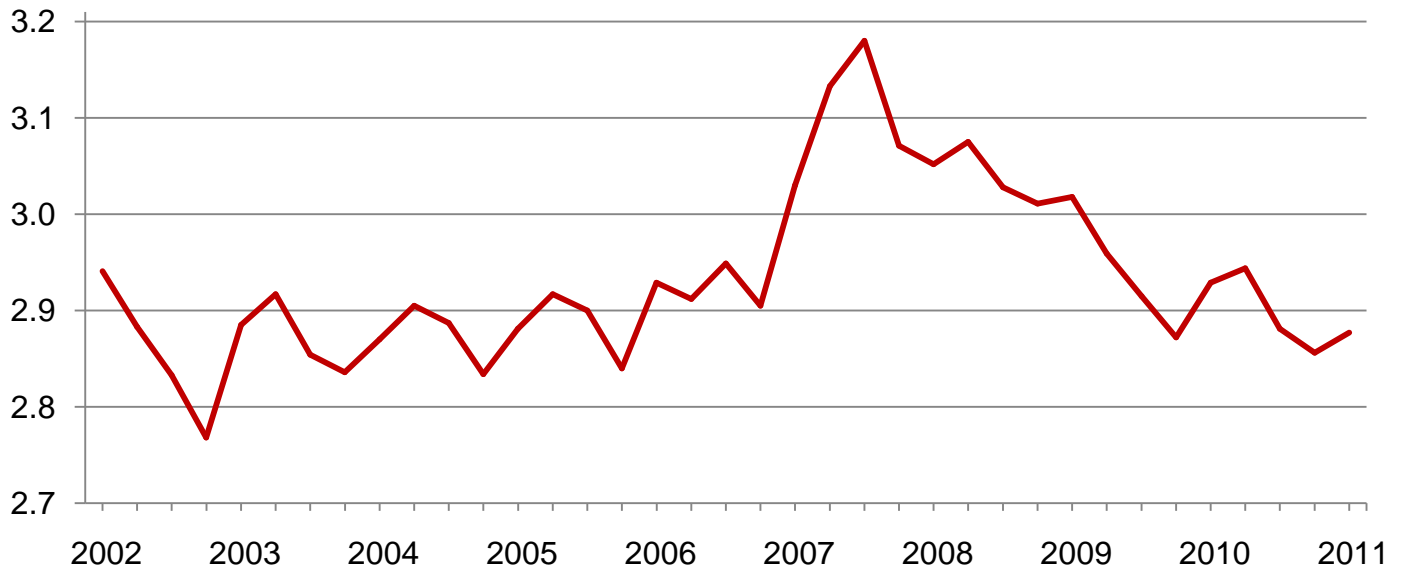
## Pigs per Litter by Size of Operation – United States: March-May 2011

Number head



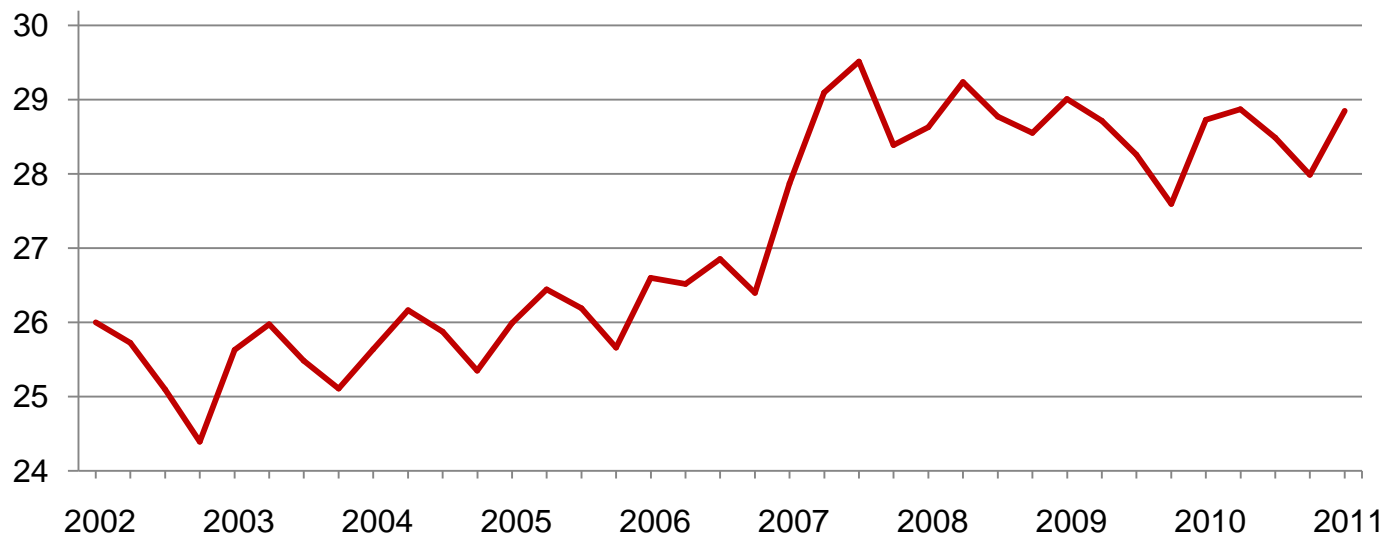
## Quarterly Sows Farrowed – United States

Million head



## Quarterly Pig Crop – United States

Million head



## Breeding, Market, and Total Inventory – States and United States: March 1, 2010 and 2011

[May not add due to rounding]

State	Breeding			Market			Total		
	2010	2011	2011 as percent of 2010	2010	2011	2011 as percent of 2010	2010	2011	2011 as percent of 2010
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	150	150	100	580	580	100	730	730	100
Illinois .....	480	470	98	3,820	3,930	103	4,300	4,400	102
Indiana .....	290	290	100	3,260	3,310	102	3,550	3,600	101
Iowa .....	1,010	1,030	102	17,790	17,870	100	18,800	18,900	101
Kansas .....	180	170	94	1,610	1,640	102	1,790	1,810	101
Michigan .....	110	110	100	950	920	97	1,060	1,030	97
Minnesota .....	550	560	102	6,550	7,040	107	7,100	7,600	107
Missouri .....	355	360	101	2,645	2,490	94	3,000	2,850	95
Nebraska .....	365	370	101	2,585	2,730	106	2,950	3,100	105
North Carolina .....	880	850	97	8,220	7,750	94	9,100	8,600	95
Ohio .....	170	170	100	1,860	1,820	98	2,030	1,990	98
Oklahoma .....	410	410	100	1,860	1,900	102	2,270	2,310	102
Pennsylvania .....	95	95	100	1,015	1,005	99	1,110	1,100	99
South Dakota .....	150	175	117	1,030	1,135	110	1,180	1,310	111
Texas .....	55	65	118	595	565	95	650	630	97
Utah .....	75	75	100	625	635	102	700	710	101
Other States <sup>1</sup> .....	435	438	101	2,813	2,701	96	3,248	3,139	97
United States .....	5,760	5,788	100	57,808	58,021	100	63,568	63,809	100

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Market Hogs and Pigs Inventory by Weight Group – States and United States: March 1, 2010 and 2011

[Weight groups may not add to market hogs and pigs due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2010	2011	2010	2011	2010	2011	2010	2011
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado .....	270	290	115	105	80	70	115	115
Illinois .....	1,200	1,290	1,170	1,200	760	760	690	680
Indiana .....	1,140	1,110	900	890	620	610	600	700
Iowa .....	4,540	4,630	5,460	5,660	4,440	4,460	3,350	3,120
Kansas .....	480	490	325	365	270	280	535	505
Michigan .....	310	300	250	230	185	200	205	190
Minnesota .....	2,220	2,440	2,010	2,150	1,330	1,430	990	1,020
Missouri .....	1,180	1,080	590	580	465	410	410	420
Nebraska .....	860	910	800	820	550	575	375	425
North Carolina .....	3,030	2,850	1,950	1,830	1,740	1,620	1,500	1,450
Ohio .....	670	655	545	515	405	415	240	235
Oklahoma .....	800	810	360	350	220	260	480	480
Pennsylvania .....	285	245	320	360	200	195	210	205
South Dakota .....	350	390	260	310	215	230	205	205
Texas .....	145	150	150	110	140	125	160	180
Utah .....	260	285	130	120	120	115	115	115
Other States <sup>1</sup> .....	1,027	973	658	630	567	556	562	542
United States .....	18,767	18,898	15,993	16,225	12,307	12,311	10,742	10,587

<sup>1</sup> Individual State estimates not available for the 34 Other States.



## Breeding, Market, and Total Inventory – States and United States: June 1, 2010 and 2011

[May not add due to rounding]

State	Breeding			Market			Total		
	2010	2011	2011 as percent of 2010	2010	2011	2011 as percent of 2010	2010	2011	2011 as percent of 2010
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	150	150	100	600	580	97	750	730	97
Illinois .....	490	480	98	3,910	4,070	104	4,400	4,550	103
Indiana .....	290	300	103	3,360	3,400	101	3,650	3,700	101
Iowa .....	1,010	1,030	102	17,890	18,770	105	18,900	19,800	105
Kansas .....	185	180	97	1,605	1,680	105	1,790	1,860	104
Michigan .....	110	110	100	960	920	96	1,070	1,030	96
Minnesota .....	550	560	102	6,950	7,140	103	7,500	7,700	103
Missouri .....	350	355	101	2,650	2,445	92	3,000	2,800	93
Nebraska .....	370	380	103	2,730	2,720	100	3,100	3,100	100
North Carolina .....	880	850	97	8,120	7,750	95	9,000	8,600	96
Ohio .....	165	165	100	1,935	1,865	96	2,100	2,030	97
Oklahoma .....	410	410	100	1,910	1,890	99	2,320	2,300	99
Pennsylvania .....	100	95	95	1,060	1,005	95	1,160	1,100	95
South Dakota .....	160	175	109	1,070	1,115	104	1,230	1,290	105
Texas .....	55	70	127	615	570	93	670	640	96
Utah .....	80	75	94	650	575	88	730	650	89
Other States <sup>1</sup> .....	433	418	97	2,847	2,702	95	3,280	3,120	95
United States .....	5,788	5,803	100	58,862	59,197	101	64,650	65,000	101

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Market Hogs and Pigs Inventory by Weight Group – States and United States: June 1, 2010 and 2011

[Weight groups may not add to market hogs and pigs due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2010	2011	2010	2011	2010	2011	2010	2011
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado .....	285	285	105	100	85	80	125	115
Illinois .....	1,200	1,340	1,230	1,280	780	770	700	680
Indiana .....	1,120	1,070	1,000	1,010	620	670	620	650
Iowa .....	4,590	4,950	5,710	6,000	4,340	4,700	3,250	3,120
Kansas .....	495	525	400	380	230	260	480	515
Michigan .....	310	300	270	240	190	190	190	190
Minnesota .....	2,440	2,510	2,150	2,170	1,340	1,440	1,020	1,020
Missouri .....	1,145	1,015	635	595	435	430	435	405
Nebraska .....	910	920	870	830	550	550	400	420
North Carolina .....	3,180	2,950	1,940	1,810	1,590	1,540	1,410	1,450
Ohio .....	720	700	565	545	405	390	245	230
Oklahoma .....	790	790	420	390	230	220	470	490
Pennsylvania .....	305	235	360	365	195	200	200	205
South Dakota .....	390	390	305	295	200	220	175	210
Texas .....	160	150	135	110	140	120	180	190
Utah .....	280	290	135	95	120	95	115	95
Other States <sup>1</sup> .....	1,034	963	672	646	579	549	563	544
United States .....	19,354	19,383	16,902	16,861	12,029	12,424	10,578	10,529

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Breeding, Market, and Total Inventory – States and United States: September 1, 2009 and 2010

[May not add due to rounding]

State	Breeding			Market			Total		
	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	150	150	100	580	590	102	730	740	101
Illinois .....	470	490	104	3,780	3,960	105	4,250	4,450	105
Indiana .....	280	290	104	3,320	3,360	101	3,600	3,650	101
Iowa .....	1,010	1,010	100	18,690	18,590	99	19,700	19,600	99
Kansas .....	160	180	113	1,600	1,680	105	1,760	1,860	106
Michigan .....	110	110	100	950	990	104	1,060	1,100	104
Minnesota .....	560	550	98	6,740	6,950	103	7,300	7,500	103
Missouri .....	350	345	99	2,700	2,605	96	3,050	2,950	97
Nebraska .....	380	370	97	2,920	2,780	95	3,300	3,150	95
North Carolina .....	980	870	89	9,020	8,530	95	10,000	9,400	94
Ohio .....	160	165	103	1,890	1,905	101	2,050	2,070	101
Oklahoma .....	410	410	100	1,950	1,970	101	2,360	2,380	101
Pennsylvania .....	90	105	117	1,030	1,045	101	1,120	1,150	103
South Dakota .....	150	160	107	1,130	1,090	96	1,280	1,250	98
Texas .....	70	55	79	930	645	69	1,000	700	70
Utah .....	80	80	100	680	690	101	760	770	101
Other States <sup>1</sup> .....	465	430	92	2,932	2,821	96	3,396	3,251	96
United States .....	5,875	5,770	98	60,842	60,201	99	66,716	65,971	99

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Market Hogs and Pigs Inventory by Weight Group – States and United States: September 1, 2009 and 2010

[Weight groups may not add to market hogs and pigs due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2009	2010	2009	2010	2009	2010	2009	2010
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado .....	285	290	120	110	55	80	120	110
Illinois .....	1,240	1,300	1,130	1,230	770	790	640	640
Indiana .....	1,140	1,070	970	1,000	600	680	610	610
Iowa .....	4,840	4,860	5,760	5,950	4,600	4,520	3,490	3,260
Kansas .....	505	520	330	395	290	280	475	485
Michigan .....	330	310	265	280	160	200	195	200
Minnesota .....	2,420	2,360	2,010	2,200	1,280	1,410	1,030	980
Missouri .....	1,150	1,140	635	615	470	450	445	400
Nebraska .....	960	940	860	860	650	580	450	400
North Carolina .....	3,200	3,150	2,390	2,200	1,790	1,750	1,640	1,430
Ohio .....	675	670	540	560	410	435	265	240
Oklahoma .....	830	830	380	410	250	260	490	470
Pennsylvania .....	285	275	310	355	210	210	225	205
South Dakota .....	370	385	300	290	230	215	230	200
Texas .....	260	185	230	140	200	135	240	185
Utah .....	265	290	155	140	130	130	130	130
Other States <sup>1</sup> .....	1,003	1,038	763	660	589	549	578	575
United States .....	19,758	19,613	17,148	17,395	12,684	12,674	11,253	10,520

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Breeding, Market, and Total Inventory – States and United States: December 1, 2009 and 2010

[May not add due to rounding]

State	Breeding			Market			Total		
	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	150	150	100	560	580	104	710	730	103
Illinois .....	480	480	100	3,770	3,920	104	4,250	4,400	104
Indiana .....	280	290	104	3,320	3,360	101	3,600	3,650	101
Iowa .....	1,020	1,020	100	17,980	18,080	101	19,000	19,100	101
Kansas .....	180	170	94	1,630	1,650	101	1,810	1,820	101
Michigan .....	110	110	100	970	930	96	1,080	1,040	96
Minnesota .....	560	560	100	6,640	7,140	108	7,200	7,700	107
Missouri .....	360	355	99	2,740	2,545	93	3,100	2,900	94
Nebraska .....	370	375	101	2,730	2,775	102	3,100	3,150	102
North Carolina .....	930	840	90	8,670	8,160	94	9,600	9,000	94
Ohio .....	165	170	103	1,845	1,870	101	2,010	2,040	101
Oklahoma .....	410	410	100	1,880	1,930	103	2,290	2,340	102
Pennsylvania .....	100	100	100	1,040	1,010	97	1,140	1,110	97
South Dakota .....	145	170	117	1,045	1,120	107	1,190	1,290	108
Texas .....	60	60	100	700	610	87	760	670	88
Utah .....	75	80	107	655	660	101	730	740	101
Other States <sup>1</sup> .....	455	438	96	2,862	2,807	98	3,317	3,245	98
United States .....	5,850	5,778	99	59,037	59,147	100	64,887	64,925	100

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Market Hogs and Pigs Inventory by Weight Group – States and United States: December 1, 2009 and 2010

[Weight groups may not add to market hogs and pigs due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2009	2010	2009	2010	2009	2010	2009	2010
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado .....	270	275	115	105	50	70	125	130
Illinois .....	1,200	1,280	1,150	1,180	730	730	690	730
Indiana .....	1,080	1,040	970	950	640	670	630	700
Iowa .....	4,430	4,600	5,700	5,600	4,430	4,330	3,420	3,550
Kansas .....	480	500	335	365	295	280	520	505
Michigan .....	335	300	270	240	165	190	200	200
Minnesota .....	2,350	2,430	2,010	2,160	1,230	1,380	1,050	1,170
Missouri .....	1,160	1,065	655	605	465	410	460	465
Nebraska .....	880	910	850	830	600	595	400	440
North Carolina .....	3,090	2,950	2,200	1,970	1,760	1,660	1,620	1,580
Ohio .....	635	665	540	545	395	400	275	260
Oklahoma .....	780	800	380	410	240	270	480	450
Pennsylvania .....	280	240	330	340	220	200	210	230
South Dakota .....	335	380	280	285	220	220	210	235
Texas .....	145	170	160	140	160	130	235	170
Utah .....	260	260	135	135	130	130	130	135
Other States <sup>1</sup> .....	995	999	702	659	569	568	597	581
United States .....	18,705	18,864	16,782	16,519	12,299	12,233	11,252	11,531

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2010 and 2011

[December preceding year. May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop <sup>1</sup>		
	2010	2011	2011 as percent of 2010	2010	2011	2010	2011	2011 as percent of 2010
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	71	70	99	9.60	9.90	682	693	102
Illinois .....	260	250	96	9.40	9.60	2,444	2,400	98
Indiana .....	140	145	104	9.40	9.50	1,316	1,378	105
Iowa .....	465	485	104	9.75	9.80	4,534	4,753	105
Kansas .....	82	81	99	9.35	9.25	767	749	98
Michigan .....	54	51	94	9.80	9.80	529	500	95
Minnesota .....	265	285	108	9.90	10.15	2,624	2,893	110
Missouri .....	195	175	90	9.50	10.10	1,853	1,768	95
Nebraska .....	170	175	103	10.00	10.10	1,700	1,768	104
North Carolina .....	490	450	92	9.50	9.70	4,655	4,365	94
Ohio .....	89	89	100	9.35	9.40	832	837	101
Oklahoma .....	190	185	97	9.45	9.65	1,796	1,785	99
Pennsylvania .....	47	47	100	9.70	10.00	456	470	103
South Dakota .....	79	89	113	10.20	10.30	806	917	114
Texas .....	29	32	110	8.70	8.70	252	278	110
Utah .....	39	40	103	9.80	9.80	382	392	103
Other States <sup>2</sup> .....	207	207	100	9.51	9.86	1,969	2,040	104
United States .....	2,872	2,856	99	9.61	9.80	27,597	27,986	101

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

<sup>2</sup> Individual State estimates not available for the 34 Other States.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: March-May 2010 and 2011

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop <sup>1</sup>		
	2010	2011	2011 as percent of 2010	2010	2011	2010	2011	2011 as percent of 2010
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	72	71	99	9.90	9.80	713	696	98
Illinois .....	270	250	93	9.50	9.95	2,565	2,488	97
Indiana .....	145	145	100	9.60	9.55	1,392	1,385	99
Iowa .....	470	480	102	9.95	10.30	4,677	4,944	106
Kansas .....	84	84	100	9.35	9.40	785	790	101
Michigan .....	53	52	98	9.70	10.00	514	520	101
Minnesota .....	280	290	104	10.15	10.35	2,842	3,002	106
Missouri .....	190	185	97	10.05	10.30	1,910	1,906	100
Nebraska .....	180	180	100	10.15	10.30	1,827	1,854	101
North Carolina .....	485	445	92	9.70	9.85	4,705	4,383	93
Ohio .....	89	90	101	9.50	9.45	846	851	101
Oklahoma .....	190	190	100	9.75	9.75	1,853	1,853	100
Pennsylvania .....	49	46	94	9.80	10.20	480	469	98
South Dakota .....	86	91	106	10.30	10.40	886	946	107
Texas .....	30	34	113	8.50	8.80	255	299	117
Utah .....	42	40	95	10.00	10.40	420	416	99
Other States <sup>2</sup> .....	214	204	95	9.61	10.02	2,060	2,049	99
United States .....	2,929	2,877	98	9.81	10.03	28,730	28,851	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 34 Other States.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 2009-2011

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop <sup>1</sup>		
	2009	2010	2011 <sup>2</sup>	2011 as percent of 2010	2009	2010	2009	2010	2010 as percent of 2009
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	72	73	74	101	9.50	9.95	684	726	106
Illinois .....	245	265	250	94	9.50	9.55	2,328	2,531	109
Indiana .....	135	145	150	103	9.50	9.40	1,283	1,363	106
Iowa .....	475	475	475	100	9.75	9.95	4,631	4,726	102
Kansas .....	80	84	88	105	9.25	9.45	740	794	107
Michigan .....	56	52	52	100	9.60	9.90	538	515	96
Minnesota .....	275	280	290	104	10.00	10.20	2,750	2,856	104
Missouri .....	185	190	185	97	10.00	9.80	1,850	1,862	101
Nebraska .....	185	175	180	103	10.05	10.30	1,859	1,803	97
North Carolina .....	540	495	440	89	9.70	9.75	5,238	4,826	92
Ohio .....	86	91	87	96	9.60	9.55	826	869	105
Oklahoma .....	190	190	185	97	9.50	9.70	1,805	1,843	102
Pennsylvania .....	42	50	46	92	10.00	9.50	420	475	113
South Dakota .....	82	88	88	100	10.00	10.30	820	906	110
Texas .....	44	32	34	106	9.00	8.30	396	266	67
Utah .....	42	42	41	98	10.00	10.30	420	433	103
Other States <sup>3</sup> .....	225	217	202	93	9.45	9.59	2,130	2,077	98
United States .....	2,959	2,944	2,867	97	9.70	9.81	28,718	28,871	101

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

<sup>2</sup> Intentions.

<sup>3</sup> Individual State estimates not available for the 34 Other States.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 2009-2011

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop <sup>1</sup>		
	2009	2010	2011 <sup>2</sup>	2011 as percent of 2010	2009	2010	2009	2010	2010 as percent of 2009
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	69	71	72	101	9.50	9.70	656	689	105
Illinois .....	255	260	250	96	9.45	9.60	2,410	2,496	104
Indiana .....	135	145	150	103	9.55	9.60	1,289	1,392	108
Iowa .....	480	480	475	99	9.80	10.05	4,704	4,824	103
Kansas .....	84	79	88	111	9.35	9.45	785	747	95
Michigan .....	56	52	52	100	9.80	9.90	549	515	94
Minnesota .....	275	285	295	104	10.05	10.15	2,764	2,893	105
Missouri .....	190	180	185	103	9.90	10.00	1,881	1,800	96
Nebraska .....	175	180	180	100	10.00	10.10	1,750	1,818	104
North Carolina .....	510	455	430	95	9.60	10.00	4,896	4,550	93
Ohio .....	87	90	87	97	9.40	9.40	818	846	103
Oklahoma .....	185	185	185	100	9.50	9.70	1,758	1,795	102
Pennsylvania .....	46	49	46	94	9.90	10.10	455	495	109
South Dakota .....	80	88	85	97	10.10	10.30	808	906	112
Texas .....	30	30	33	110	9.35	8.60	281	258	92
Utah .....	40	41	39	95	9.80	10.05	392	412	105
Other States <sup>3</sup> .....	218	211	196	93	9.47	9.73	2,064	2,053	99
United States .....	2,915	2,881	2,848	99	9.70	9.89	28,260	28,489	101

<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 34 Other States.

## Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2010 and 2011

[Blank data cells indicate estimation period has not yet begun]

Month	Sows farrowing <sup>1</sup>		Pigs per litter		Pig crop <sup>1</sup>	
	2010	2011	2010	2011	2010	2011
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December <sup>2</sup> .....	973	956	9.62	9.81	9,358	9,382
January .....	960	958	9.58	9.76	9,197	9,348
February .....	940	942	9.62	9.83	9,042	9,256
March .....	982	970	9.76	10.02	9,588	9,721
April .....	972	950	9.84	10.02	9,560	9,518
May .....	976	957	9.82	10.04	9,582	9,612
June .....	990		9.78		9,679	
July .....	980		9.83		9,637	
August .....	973		9.82		9,555	
September .....	982		9.91		9,734	
October .....	954		9.90		9,450	
November .....	945		9.85		9,305	
Total .....	11,626		9.78		113,686	

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

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

### Statistical Methodology

**Survey Procedures:** A random sample of roughly 8,700 United States 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 operations were sampled more heavily than small operations. During the first half of June 2011, data were collected from about 7,000 operations, 80 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 June 1, 2011.

**Estimating 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 1.7 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 65.0 million head by more than 1.7 percent. Chances are 9 out of 10 that the difference will not exceed 2.9 percent.

### Reliability of June 1 Hog Estimates

[Based on data for the previous twenty quarters]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Years	
						Below latest	Above latest
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
All hogs and pigs .....	1.7	2.9	805	90	3,067	15	5
Pig crop .....	2.1	3.7	448	0	1,644	13	7
Expected farrowings							
Next quarter .....	2.5	4.3	50	0	216	15	5
Following quarter .....	2.6	4.6	53	3	220	13	7

### Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov)

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