

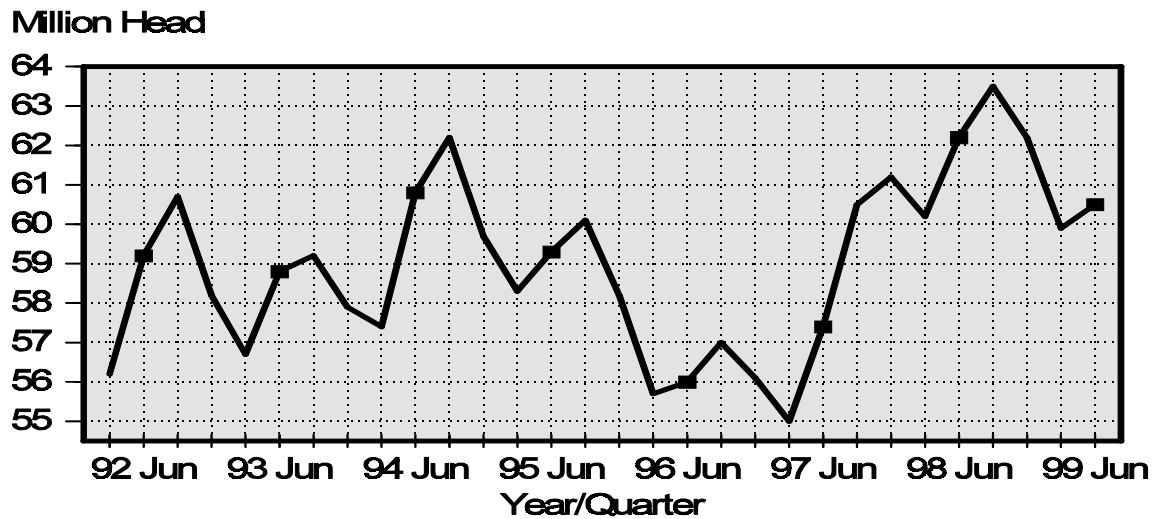
Released June 25, 1999, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Hogs and Pigs" call Greg Matli at 202-720-3106, office hours 7:00 a.m. to 4:30 p.m. ET.

U.S. Hog Inventory Down 3 Percent

U.S. inventory of all hogs and pigs on June 1, 1999, was 60.5 million head. This was 3 percent below June 1998, but 1 percent above March 1, 1999.

Breeding inventory, at 6.52 million head, was down 6 percent from June 1, 1998, but virtually unchanged from March 1, 1999. **Market hog inventory**, at 54.0 million head, was 2 percent below last year, but 1 percent above last quarter.

Quarterly Hogs and Pigs Inventory United States



The March-May 1999 U.S. pig crop, at 26.3 million head, was 3 percent less than 1998, but 4 percent more than 1997. Sows farrowing during this period totaled 2.99 million head, 3 percent below last year. The sows farrowed during this quarter represented 46 percent of the breeding herd. The average pigs per litter rose to an average of 8.80 pigs saved per litter for the March-May period, compared to 8.75 pigs last year. Pigs saved per litter by size of operation ranged from 7.80 for operations with 1-99 hogs to 9.00 for operations with more than 5,000 hogs and pigs.

U.S. hog producers intend to have 2.94 million sows farrow during the June-August 1999 quarter, 4 percent below the actual farrowings during the same period in 1998, but virtually unchanged from 1997. Intended farrowings for September-November 1999, at 2.87 million sows, are 4 percent below the same period last year and 2 percent below 1997.

The total number of hogs under contract, owned by operations with over 5,000 head, but raised by contractees, accounted for 30 percent of the total U.S. hog inventory.

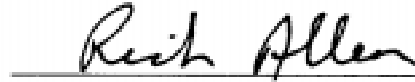
Revisions

All inventory and pig crop estimates for June 1998 through March 1999 were reviewed using final pig crop, official slaughter, import, and export data in U.S. level balance sheets. Based on the findings of this review, small adjustments of less than one half percent were made to the inventory level for March 1. Adjustments of less than one half percent were made to pig crops for December-February.

This report was approved on June 25, 1999.



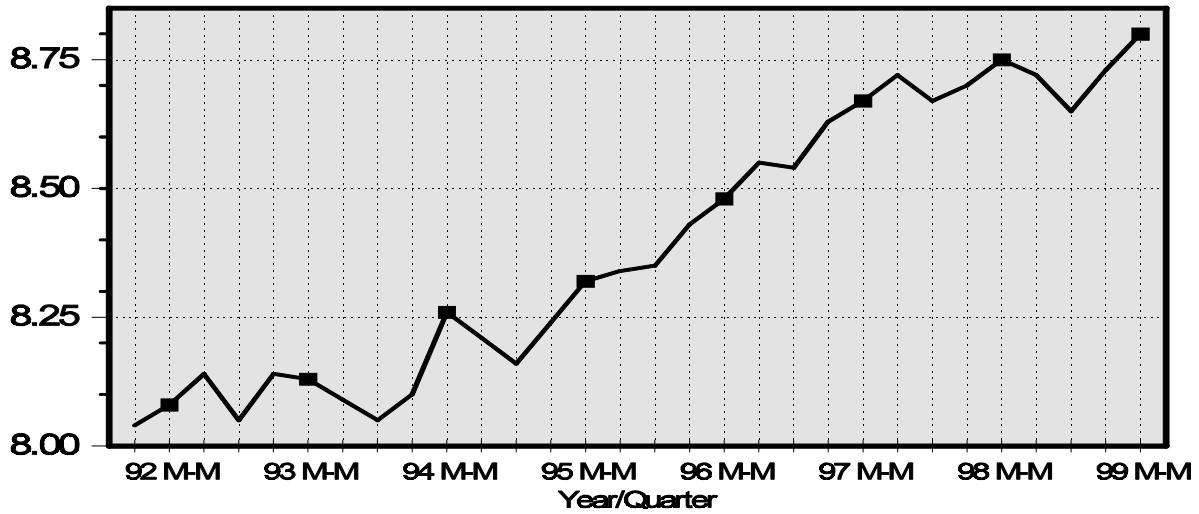
Acting Secretary of
Agriculture
Michael V. Dunn



Agricultural Statistics Board
Chairperson
Rich Allen

U.S. Litter Rate

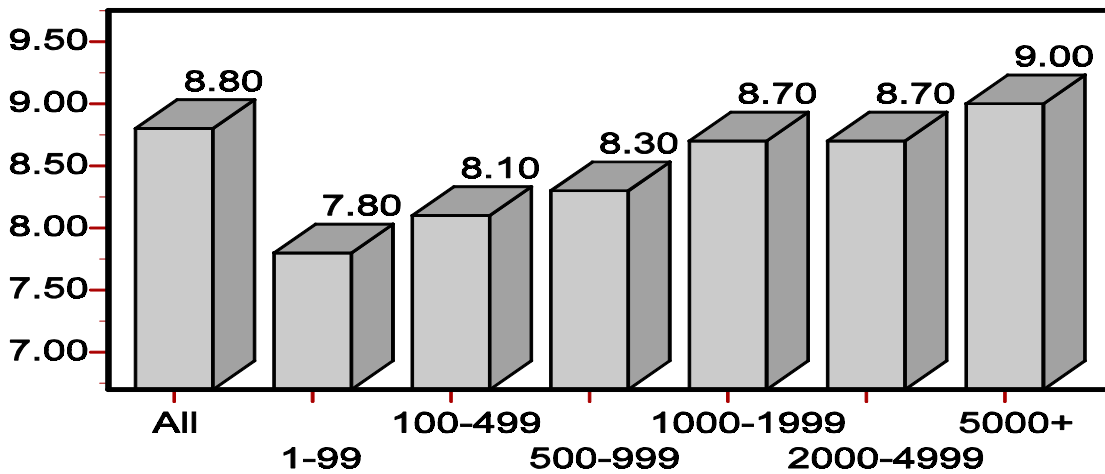
Number Head



U.S. Pigs per Litter

By Size of Operation, March - May 1999

Number Head



**Hogs and Pigs: Inventory Number by Class, Weight Group,
and Quarter, United States, 1997-99 ¹**

Item	1997	1998	1999	1999 as % of	
				1997	1998
	<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	55,049	60,163	59,891	109	100
Kept for Breeding	6,637	6,942	6,527	98	94
Market	48,412	53,220	53,363	110	100
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	18,490	20,192	19,868	107	98
60-119 Pounds	11,627	12,791	12,769	110	100
120-179 Pounds	9,858	10,774	10,935	111	101
180 Pounds and Over	8,437	9,464	9,792	116	103
June 1 Inventory					
All Hogs and Pigs	57,366	62,213	60,536	106	97
Kept for Breeding	6,789	6,958	6,515	96	94
Market	50,577	55,254	54,020	107	98
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	19,988	21,482	20,502	103	95
60-119 Pounds	12,574	13,711	13,331	106	97
120-179 Pounds	10,002	11,084	11,021	110	99
180 Pounds and Over	8,013	8,978	9,167	114	102
September 1 Inventory					
All Hogs and Pigs	60,456	63,488			
Kept for Breeding	6,858	6,875			
Market	53,598	56,612			
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	20,662	21,189			
60-119 Pounds	13,388	14,032			
120-179 Pounds	10,673	11,555			
180 Pounds and Over	8,875	9,837			
December 1 Inventory					
All Hogs and Pigs	61,158	62,206			
Kept for Breeding	6,957	6,682			
Market	54,200	55,523			
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	20,237	20,140			
60-119 Pounds	13,319	13,631			
120-179 Pounds	11,188	11,585			
180 Pounds and Over	9,457	10,168			

¹ May not add due to rounding.

**Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,
United States, 1997-99 ¹**

Item	1997	1998	1999	1999 as % of	
				1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>
Sows Farrowing					
Dec-Feb ²	2,684	2,929	2,897	108	99
Mar-May	2,911	3,086	2,990	103	97
Dec-May ²	5,595	6,014	5,887	105	98
Jun-Aug ³	2,946	3,054	2,936	100	96
Sep-Nov ³	2,939	2,993	2,870	98	96
Jun-Nov ³	5,884	6,047	5,805	99	96
Pig Crop					
Dec-Feb ²	23,164	25,480	25,293	109	99
Mar-May	25,229	26,989	26,301	104	97
Dec-May ²	48,394	52,469	51,594	107	98
Jun-Aug	25,696	26,634			
Sep-Nov	25,494	25,902			
Jun-Nov	51,190	52,535			
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>
Pigs per Litter					
Dec-Feb ²	8.63	8.70	8.73	101	100
Mar-May	8.67	8.75	8.80	101	101
Dec-May ²	8.65	8.72	8.76	101	100
Jun-Aug	8.72	8.72			
Sep-Nov	8.67	8.65			
Jun-Nov	8.70	8.69			

¹ May not add due to rounding.

² December preceding year.

³ Intentions for 1999.

Pigs per Litter: By Size of Operation, United States, 1998-99

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>
1998						
Dec-Feb ¹	7.10	7.90	8.30	8.50	8.80	8.90
Mar-May	7.40	8.10	8.40	8.50	8.80	9.00
Jun-Aug	7.30	8.10	8.40	8.60	8.80	8.90
Sep-Nov	7.70	8.00	8.20	8.50	8.70	8.90
1999						
Dec-Feb ¹	7.60	8.10	8.20	8.40	8.70	8.90
Mar-May	7.80	8.10	8.30	8.70	8.70	9.00

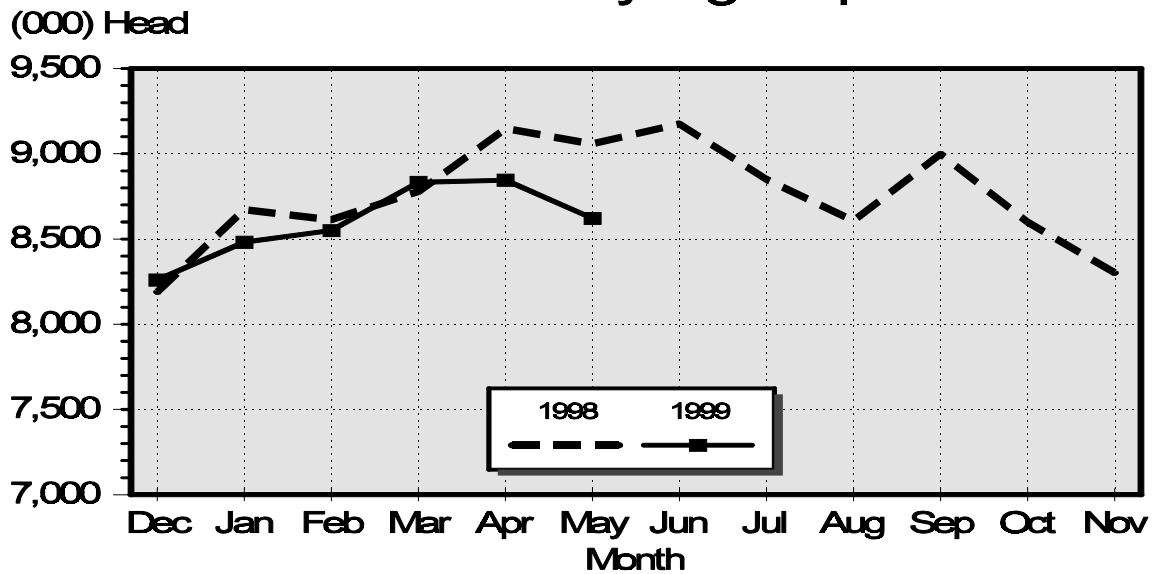
¹ December preceding year.

**Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop,
United States December-November 1998-99 ¹**

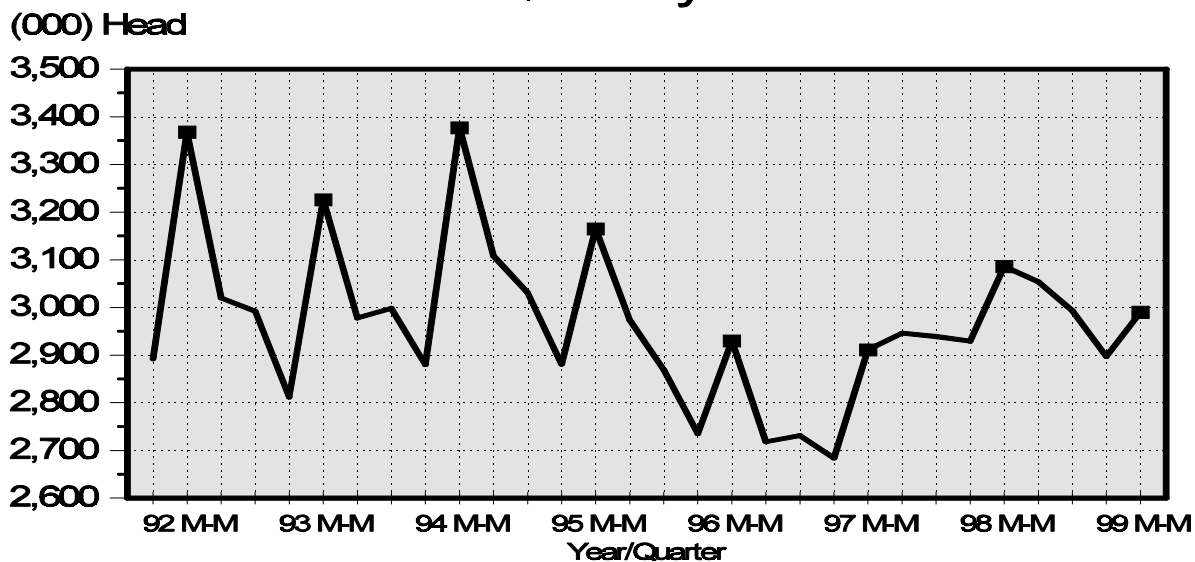
Month	Sows Farrowing		Pigs per Litter		Pig Crop	
	1998	1999	1998	1999	1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
Dec ¹	940	948	8.71	8.71	8,190	8,260
Jan	995	972	8.72	8.73	8,675	8,482
Feb	994	977	8.67	8.75	8,615	8,551
Mar	1,010	1,003	8.69	8.81	8,780	8,833
Apr	1,040	1,008	8.80	8.78	9,150	8,846
May	1,036	979	8.74	8.81	9,059	8,622
Jun	1,050		8.74		9,175	
Jul	1,014		8.73		8,850	
Aug	990		8.70		8,609	
Sep	1,042		8.64		9,000	
Oct	997		8.63		8,600	
Nov	954		8.70		8,302	
Total	12,062		8.71		105,005	

¹ December preceding year.

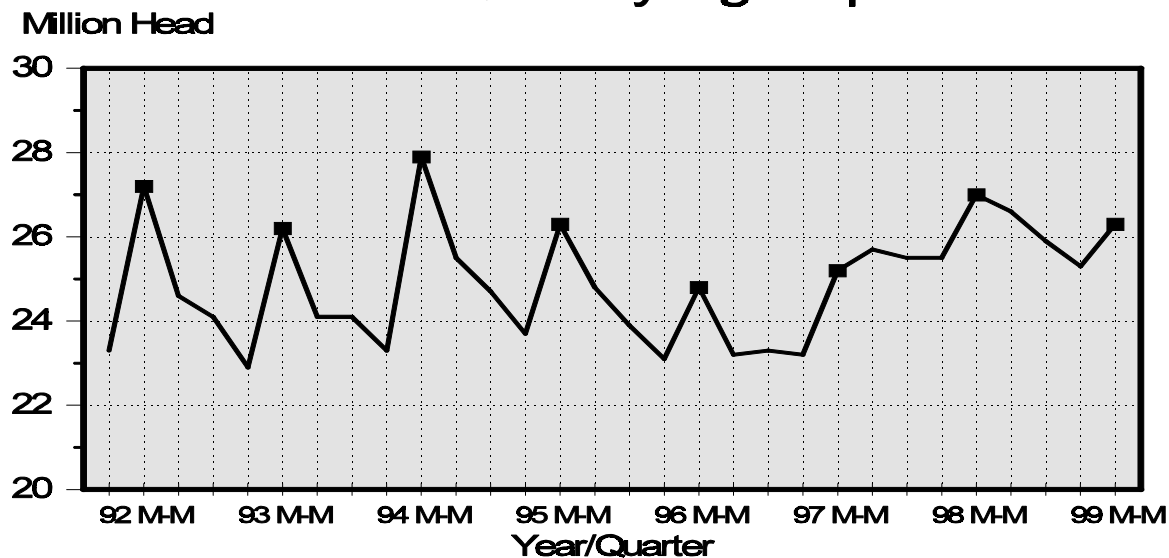
U.S. Monthly Pig Crop



U.S. Quarterly Sows



U.S. Quarterly Pig Crop



**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, March 1, 1998-99¹**

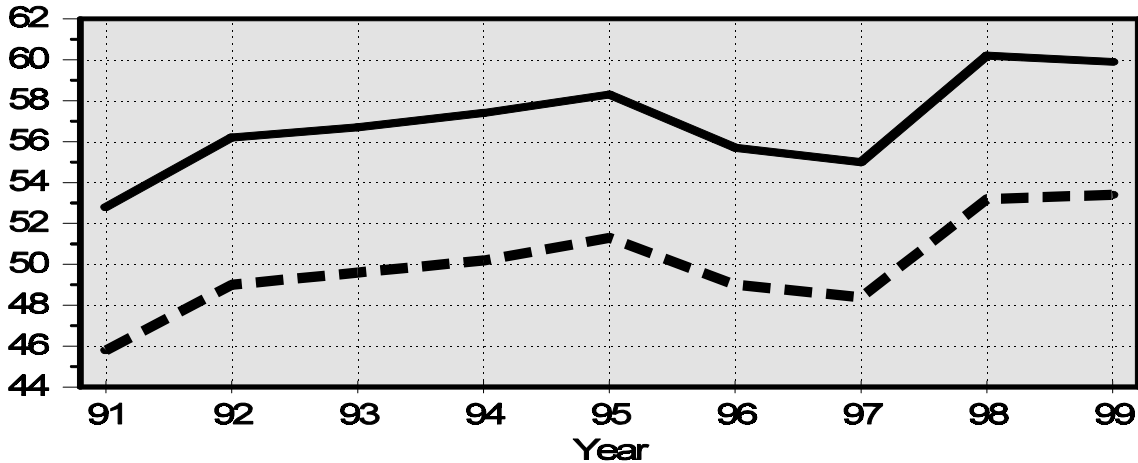
State	Breeding			Market			Total		
	1998	1999		1998	1999		1998	1999	
		Number	as % of 1998		Number	as % of 1998		Number	as % of 1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	700	625	89	810	735	91
GA	70	70	100	420	420	100	490	490	100
IL	550	470	85	4,150	3,880	93	4,700	4,350	93
IN	470	420	89	3,580	3,380	94	4,050	3,800	94
IA	1,300	1,220	94	12,800	13,380	105	14,100	14,600	104
KS	195	165	85	1,305	1,365	105	1,500	1,530	102
KY	70	65	93	490	405	83	560	470	84
MI	130	110	85	870	880	101	1,000	990	99
MN	630	590	94	5,070	5,010	99	5,700	5,600	98
MO	440	400	91	2,960	2,700	91	3,400	3,100	91
NE	430	420	98	3,020	2,880	95	3,450	3,300	96
NC	1,050	1,000	95	8,450	8,500	101	9,500	9,500	100
OH	210	195	93	1,440	1,455	101	1,650	1,650	100
OK	260	290	112	1,510	1,760	117	1,770	2,050	116
PA	120	120	100	980	980	100	1,100	1,100	100
SD	150	130	87	1,100	1,190	108	1,250	1,320	106
WI	105	85	81	625	585	94	730	670	92
Oth Sts ²	652	667	102	3,750	3,968	106	4,403	4,636	105
US	6,942	6,527	94	53,220	53,363	100	60,163	59,891	100

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, 1998-99¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1998	1999	1998	1999	1998	1999	1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	220	220	175	155	155	135	150	115
GA	170	170	105	105	85	80	60	65
IL	1,510	1,380	980	890	930	870	730	740
IN	1,370	1,290	900	800	700	690	610	600
IA	4,200	4,300	3,400	3,380	2,750	2,950	2,450	2,750
KS	540	515	250	280	235	255	280	315
KY	200	170	115	100	100	75	75	60
MI	290	280	220	225	195	190	165	185
MN	1,960	1,960	1,240	1,230	1,020	990	850	830
MO	1,370	1,170	640	690	540	500	410	340
NE	1,220	1,140	750	750	570	550	480	440
NC	3,350	3,400	1,930	1,950	1,670	1,750	1,500	1,400
OH	640	580	310	355	300	310	190	210
OK	610	770	260	300	210	240	430	450
PA	355	340	260	250	220	210	145	180
SD	390	410	280	310	240	240	190	230
WI	250	210	145	135	120	130	110	110
Oth Sts ²	1,547	1,563	831	864	734	770	639	772
US	20,192	19,868	12,791	12,769	10,774	10,935	9,464	9,792

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, 1998-99 ¹**

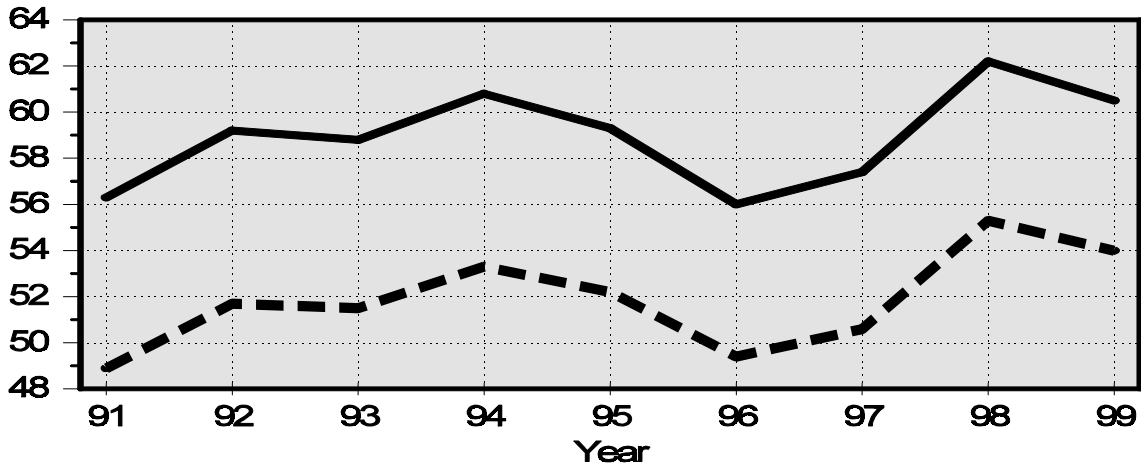
State	Breeding			Market			Total		
	1998	1999		1998	1999		1998	1999	
		Number	as % of 1998		Number	as % of 1998		Number	as % of 1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	680	615	90	790	725	92
GA	70	70	100	430	440	102	500	510	102
IL	580	460	79	4,420	3,840	87	5,000	4,300	86
IN	470	410	87	3,730	3,190	86	4,200	3,600	86
IA	1,300	1,200	92	13,500	14,000	104	14,800	15,200	103
KS	190	160	84	1,280	1,360	106	1,470	1,520	103
KY	65	65	100	455	425	93	520	490	94
MI	130	120	92	1,000	980	98	1,130	1,100	97
MN	640	600	94	5,260	5,000	95	5,900	5,600	95
MO	410	410	100	2,890	2,790	97	3,300	3,200	97
NE	430	410	95	3,020	2,790	92	3,450	3,200	93
NC	1,050	1,000	95	8,750	8,500	97	9,800	9,500	97
OH	220	200	91	1,480	1,450	98	1,700	1,650	97
OK	260	310	119	1,610	1,870	116	1,870	2,180	117
PA	120	125	104	980	965	98	1,100	1,090	99
SD	140	130	93	1,210	1,200	99	1,350	1,330	99
WI	100	80	80	620	570	92	720	650	90
Oth Sts ²	673	655	97	3,939	4,035	102	4,613	4,691	102
US	6,958	6,515	94	55,254	54,020	98	62,213	60,536	97

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, 1998-99 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1998	1999	1998	1999	1998	1999	1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	250	220	165	150	145	135	120	110
GA	165	185	120	105	90	90	55	60
IL	1,750	1,430	1,080	930	900	840	690	640
IN	1,380	1,230	980	810	780	650	590	500
IA	4,630	4,550	3,710	3,800	2,860	3,000	2,300	2,650
KS	525	555	285	290	240	255	230	260
KY	185	180	110	105	90	80	70	60
MI	450	430	220	220	190	200	140	130
MN	2,050	2,000	1,330	1,200	1,050	980	830	820
MO	1,450	1,240	590	730	510	520	340	300
NE	1,240	1,130	790	720	560	540	430	400
NC	3,450	3,400	2,130	2,000	1,770	1,750	1,400	1,350
OH	660	590	350	375	290	305	180	180
OK	610	790	300	360	220	270	480	450
PA	355	360	260	250	215	195	150	160
SD	455	430	295	280	255	270	205	220
WI	245	215	160	130	120	125	95	100
Oth Sts ²	1,632	1,567	836	876	799	816	673	777
US	21,482	20,502	13,711	13,331	11,084	11,021	8,978	9,167

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, 1997-98 ¹**

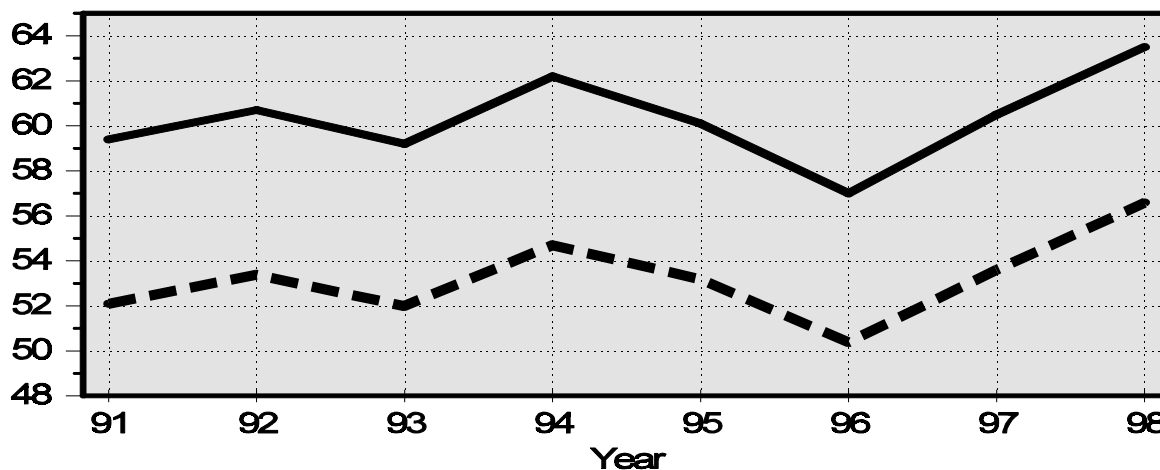
State	Breeding			Market			Total		
	1997	1998		1997	1998		1997	1998	
		Number	as % of 1997		Number	as % of 1997		Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	115	110	96	795	690	87	910	800	88
GA	65	65	100	505	415	82	570	480	84
IL	530	540	102	4,070	4,310	106	4,600	4,850	105
IN	450	450	100	3,400	3,650	107	3,850	4,100	106
IA	1,350	1,290	96	12,750	14,210	111	14,100	15,500	110
KS	205	180	88	1,345	1,370	102	1,550	1,550	100
KY	70	65	93	500	455	91	570	520	91
MI	130	120	92	970	950	98	1,100	1,070	97
MN	630	650	103	4,970	5,350	108	5,600	6,000	107
MO	435	420	97	3,115	2,930	94	3,550	3,350	94
NE	435	420	97	3,115	2,980	96	3,550	3,400	96
NC	1,000	1,050	105	8,900	9,250	104	9,900	10,300	104
OH	200	210	105	1,350	1,540	114	1,550	1,750	113
OK	215	290	135	1,385	1,690	122	1,600	1,980	124
PA	120	115	96	980	985	101	1,100	1,100	100
SD	160	130	81	1,060	1,170	110	1,220	1,300	107
WI	135	95	70	665	605	91	800	700	88
Oth Sts ²	613	675	110	3,723	4,062	109	4,336	4,738	109
US	6,858	6,875	100	53,598	56,612	106	60,456	63,488	105

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, 1997-98 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	265	230	190	180	195	150	145	130
GA	195	165	130	105	110	85	70	60
IL	1,540	1,540	970	1,050	820	930	740	790
IN	1,250	1,330	860	880	680	790	610	650
IA	4,300	4,560	3,650	4,050	2,650	3,000	2,150	2,600
KS	590	575	265	290	255	235	235	270
KY	195	185	120	110	105	90	80	70
MI	340	300	260	250	200	195	170	205
MN	2,020	2,110	1,250	1,380	940	1,060	760	800
MO	1,440	1,300	670	680	520	550	485	400
NE	1,350	1,300	760	720	580	540	425	420
NC	3,500	3,620	2,160	2,120	1,850	1,920	1,390	1,590
OH	610	680	330	360	250	310	160	190
OK	490	650	250	300	230	270	415	470
PA	370	350	260	255	205	215	145	165
SD	430	380	260	280	200	290	170	220
WI	280	240	150	140	125	120	110	105
Oth Sts ²	1,497	1,674	853	882	758	805	615	702
US	20,662	21,189	13,388	14,032	10,673	11,555	8,875	9,837

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, 1997-98 ¹**

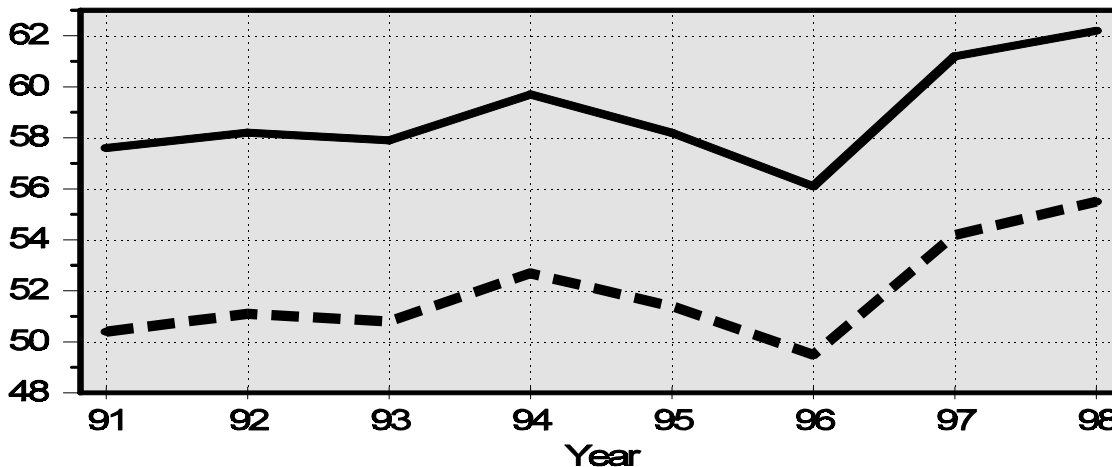
State	Breeding			Market			Total		
	1997	1998		1997	1998		1997	1998	
		Number	as % of 1997		Number	as % of 1997		Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	750	640	85	860	750	87
GA	70	70	100	450	410	91	520	480	92
IL	550	530	96	4,150	4,320	104	4,700	4,850	103
IN	460	450	98	3,490	3,600	103	3,950	4,050	103
IA	1,360	1,260	93	13,240	14,040	106	14,600	15,300	105
KS	200	170	85	1,330	1,420	107	1,530	1,590	104
KY	70	65	93	500	455	91	570	520	91
MI	130	120	92	900	1,000	111	1,030	1,120	109
MN	650	620	95	5,050	5,080	101	5,700	5,700	100
MO	440	400	91	3,110	2,900	93	3,550	3,300	93
NE	440	420	95	3,060	2,980	97	3,500	3,400	97
NC	1,000	1,000	100	8,600	8,700	101	9,600	9,700	101
OH	210	200	95	1,490	1,500	101	1,700	1,700	100
OK	240	280	117	1,410	1,640	116	1,650	1,920	116
PA	120	120	100	980	980	100	1,100	1,100	100
SD	160	130	81	1,240	1,270	102	1,400	1,400	100
WI	105	85	81	635	605	95	740	690	93
Oth Sts ²	642	652	102	3,815	3,983	104	4,458	4,636	104
US	6,957	6,682	96	54,200	55,523	102	61,158	62,206	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, 1997-98 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	295	200	165	165	155	150	135	125
GA	165	160	130	100	100	80	55	70
IL	1,580	1,550	980	1,050	840	920	750	800
IN	1,230	1,370	880	840	760	780	620	610
IA	4,370	4,400	3,650	3,700	2,780	3,120	2,440	2,820
KS	580	535	260	290	260	280	230	315
KY	200	185	120	110	105	90	75	70
MI	320	340	200	270	205	180	175	210
MN	1,990	2,020	1,270	1,270	990	960	800	830
MO	1,360	1,130	650	770	610	570	490	430
NE	1,180	1,165	800	780	640	600	440	435
NC	3,350	3,400	2,000	2,000	1,840	1,850	1,410	1,450
OH	650	590	340	370	320	330	180	210
OK	480	590	260	320	200	265	470	465
PA	360	340	260	255	210	210	150	175
SD	450	405	330	320	260	280	200	265
WI	240	215	155	130	125	130	115	130
Oth Sts ²	1,437	1,545	869	891	788	790	722	758
US	20,237	20,140	13,319	13,631	11,188	11,585	9,457	10,168

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 1998-99^{1 2}**

State	Sows Farrowing			Pigs per Litter		Pig Crop ³		
	1998	1999		1998	1999	1998	1999	
		Number	as % of 1998				Number	as % of 1998
	<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	56	56	100	8.50	8.40	476	470	99
GA	26	28	108	8.35	8.60	217	241	111
IL	225	210	93	8.60	8.70	1,935	1,827	94
IN	195	185	95	8.60	8.60	1,677	1,591	95
IA	520	480	92	8.70	8.70	4,524	4,176	92
KS	90	83	92	9.00	8.70	810	722	89
KY	31	30	97	8.40	8.65	260	260	100
MI	40	37	93	8.80	9.00	352	333	95
MN	260	255	98	8.95	8.95	2,327	2,282	98
MO	195	190	97	8.80	8.60	1,716	1,634	95
NE	165	165	100	8.50	8.55	1,403	1,411	101
NC	515	530	103	8.90	8.85	4,584	4,691	102
OH	89	86	97	8.50	8.50	757	731	97
OK	117	150	128	8.90	9.20	1,041	1,380	133
PA	47	47	100	8.60	8.70	404	409	101
SD	58	50	86	8.60	8.90	499	445	89
WI	42	37	88	8.20	8.35	344	309	90
Oth Sts ⁴	258	278	108	8.35	8.56	2,154	2,381	111
US	2,929	2,897	99	8.70	8.73	25,480	25,293	99

¹ May not add due to rounding.

² December preceding year.

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

⁴ Individual State estimates not available for the 33 States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, March-May 1998-99¹**

State	Sows Farrowing			Pigs per Litter		Pig Crop ²		
	1998	1999		1998	1999	1998	1999	
		Number	as % of 1998				Number	as % of 1998
	<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	56	55	98	8.40	8.50	470	468	100
GA	25	31	124	8.40	8.60	210	267	127
IL	255	210	82	8.60	8.65	2,193	1,817	83
IN	195	175	90	8.70	8.70	1,697	1,523	90
IA	550	520	95	8.70	8.70	4,785	4,524	95
KS	90	85	94	8.90	9.10	801	774	97
KY	30	31	103	8.40	8.75	252	271	108
MI	53	55	104	8.90	8.90	472	490	104
MN	275	265	96	8.90	8.95	2,448	2,372	97
MO	195	195	100	8.90	8.80	1,736	1,716	99
NE	170	165	97	8.40	8.60	1,428	1,419	99
NC	540	530	98	8.90	8.90	4,806	4,717	98
OH	90	85	94	8.70	8.80	783	748	96
OK	129	160	124	9.10	9.10	1,174	1,456	124
PA	48	47	98	8.70	8.80	418	414	99
SD	65	60	92	8.70	8.90	566	534	94
WI	43	35	81	8.50	8.25	366	289	79
Oth Sts ³	277	286	103	8.61	8.75	2,384	2,502	105
US	3,086	2,990	97	8.75	8.80	26,989	26,301	97

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 1997-99¹**

State	Sows Farrowing				Pigs per Litter		Pig Crop ²		
	1997	1998	1999 ³		1997	1998	1997	1998	
			Number	as % of 1998				Number	as % of 1997
	<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	58	57	53	93	8.60	8.50	499	485	97
GA	29	25	30	120	8.40	8.45	244	211	86
IL	220	230	200	87	8.40	8.60	1,848	1,978	107
IN	190	190	180	95	8.40	8.65	1,596	1,644	103
IA	540	530	500	94	8.80	8.75	4,752	4,638	98
KS	95	92	80	87	9.20	8.70	874	800	92
KY	31	29	31	107	8.35	8.40	259	244	94
MI	54	52	52	100	8.70	8.90	470	463	99
MN	260	280	260	93	8.85	8.90	2,301	2,492	108
MO	195	195	185	95	8.90	8.70	1,736	1,697	98
NE	165	170	170	100	8.55	8.60	1,411	1,462	104
NC	515	550	530	96	8.90	8.80	4,584	4,840	106
OH	90	90	87	97	8.30	8.75	747	788	105
OK	98	134	160	119	9.40	9.10	921	1,219	132
PA	49	48	47	98	8.70	8.70	426	418	98
SD	68	57	55	96	8.50	8.70	578	496	86
WI	48	42	32	76	8.50	8.35	408	351	86
Oth Sts ⁴	241	283	284	100	8.47	8.51	2,042	2,408	118
US	2,946	3,054	2,936	96	8.72	8.72	25,696	26,634	104

¹ May not add due to rounding.

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

³ Intentions.

⁴ Individual State estimates not available for the 33 States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, September-November 1997-99¹**

State	Sows Farrowing				Pigs per Litter		Pig Crop ²		
	1997	1998	1999 ³		1997	1998	1997	1998	
			Number	as % of 1998				Number	as % of 1997
	<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	55	56	55	98	8.40	8.50	462	476	103
GA	25	28	29	104	8.35	8.30	209	232	111
IL	240	235	200	85	8.40	8.60	2,016	2,021	100
IN	190	195	175	90	8.50	8.65	1,615	1,687	104
IA	520	510	460	90	8.60	8.70	4,472	4,437	99
KS	95	90	82	91	9.20	8.70	874	783	90
KY	31	30	31	103	8.35	8.50	259	255	98
MI	48	52	50	96	8.70	8.50	418	442	106
MN	260	265	255	96	8.90	8.85	2,314	2,345	101
MO	200	190	185	97	8.90	8.60	1,780	1,634	92
NE	165	175	170	97	8.50	8.50	1,403	1,488	106
NC	510	520	530	102	8.85	8.65	4,514	4,498	100
OH	90	90	85	94	8.60	8.60	774	774	100
OK	99	135	155	115	9.30	9.10	921	1,229	133
PA	48	46	48	104	8.70	8.90	418	409	98
SD	70	60	55	92	8.60	8.60	602	516	86
WI	43	39	30	77	8.30	8.25	357	322	90
Oth Sts ⁴	250	277	275	99	8.34	8.50	2,086	2,354	113
US	2,939	2,993	2,870	96	8.67	8.65	25,494	25,902	102

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.

Reliability of June 1 Hogs and Pigs Estimates

Survey Procedures: A random sample of 13,600 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 11,700 operations, 86 percent of the total sample, during the first-half of June by mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of June 1.

Estimation Procedures: These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous 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 1.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 60.5 million head by more than 1.9 percent, or about 1,150,000 head. Chances are 9 out of 10 that the difference will not exceed 3.3 percent, or about 1,998,000 head (the 90 percent confidence level).

Reliability of June 1 Hog Estimates ¹

Item	Root Mean Square Error	90% Confidence Level		Difference Between First and 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	1.9	3.3	1,998	795	40	2,820	10	10
Pig Crop	2.0	3.4	894	378	6	1,009	7	13
Expected Farrowings								
Next Quarter	2.8	4.9	144	61	1	225	11	9
Following	5.1	8.8	253	112	17	380	12	8

¹ Based on quarterly records for the past 20 quarters.

Index

Page

Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop, by State and United States, December-February	16
Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop, by State and United States, June-August	18
Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop, by State and United States, March-May	17
Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop, by State and United States, September-November	19
Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter, United States	5
Hogs and Pigs: Breeding, Market, and Total Inventory by State and United States, December 1	14
Hogs and Pigs: Breeding, Market, and Total Inventory by State and United States, June 1	10
Hogs and Pigs: Breeding, Market, and Total Inventory by State and United States, March 1	8
Hogs and Pigs: Breeding, Market, and Total Inventory by State and United States, September 1	12
Hogs and Pigs: Inventory Number by Class, Weight Group, and Quarter, United States	4
Market Hogs and Pigs: Inventory Number by Weight Group, State, and United States, December 1	15
Market Hogs and Pigs: Inventory Number by Weight Group, State, and United States, June 1	11
Market Hogs and Pigs: Inventory Number by Weight Group, State, and United States, March 1	9
Market Hogs and Pigs: Inventory Number by Weight Group, State, and United States, September 1	13
Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop, United States, December-November	6
Pigs per Litter: by Size of Operation, United States	5
Reliability of Hogs and Pigs Estimates	20

The next "Hogs and Pigs" report will be released at 3 p.m. ET on September 24, 1999.

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