



## MILK PRODUCTION

**Milk production** in Iowa during September 2016 totaled 397 million pounds, up 4 percent from the previous September according to the latest USDA, National Agricultural Statistics Service – *Milk Production* report. The average number of milk cows during September, at 211,000 head, was the same as last month, but 1,000 more than last year. Monthly production per cow averaged 1,880 pounds, up 70 pounds from last September.

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## Milk Cows and Production – Selected States: September 2015 and 2016

State	Milk Cows <sup>1</sup>		Milk Per Cow <sup>2</sup>		Milk Production <sup>2</sup>		
	2015	2016	2015	2016	2015	2016	Change from 2015
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Arizona .....	195	198	1,795	1,790	350	354	1.1
California .....	1,777	1,766	1,785	1,795	3,172	3,170	-0.1
Colorado .....	145	152	2,145	2,140	311	325	4.5
Florida .....	125	120	1,450	1,465	181	176	-2.8
Idaho .....	587	599	1,995	2,050	1,171	1,228	4.9
Illinois .....	94	93	1,520	1,530	143	142	-0.7
Indiana .....	183	184	1,780	1,805	326	332	1.8
<b>Iowa .....</b>	<b>210</b>	<b>211</b>	<b>1,810</b>	<b>1,880</b>	<b>380</b>	<b>397</b>	<b>4.5</b>
Kansas .....	143	146	1,760	1,835	252	268	6.3
Michigan .....	410	422	2,015	2,070	826	874	5.8
Minnesota .....	460	461	1,635	1,670	752	770	2.4
New Mexico .....	323	318	1,960	1,965	633	625	-1.3
New York .....	620	620	1,860	1,950	1,153	1,209	4.9
Ohio .....	266	264	1,660	1,675	442	442	0.0
Oregon .....	125	125	1,685	1,680	211	210	-0.5
Pennsylvania .....	530	527	1,615	1,645	856	867	1.3
South Dakota .....	108	115	1,825	1,800	197	207	5.1
Texas .....	462	488	1,785	1,780	825	869	5.3
Utah .....	96	92	1,875	1,890	180	174	-3.3
Vermont .....	131	130	1,625	1,690	213	220	3.3
Virginia .....	90	89	1,545	1,510	139	134	-3.6
Washington .....	277	275	1,935	1,975	536	543	1.3
Wisconsin .....	1,279	1,277	1,845	1,910	2,360	2,439	3.3
<b>23-State Total .....</b>	<b>8,636</b>	<b>8,672</b>	<b>1,807</b>	<b>1,842</b>	<b>15,609</b>	<b>15,975</b>	<b>2.3</b>

<sup>1</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves

## CATTLE ON FEED

**Cattle and calves on feed** for the slaughter market in Iowa feedlots with a capacity of 1,000 or more head totaled 570,000 head on October 1, 2016, according to the latest USDA, National Agricultural Statistics Service – *Cattle on Feed* report. This was down 2 percent from September 1, 2016, and down 5 percent from October 1, 2015. Iowa feedlots with a capacity of less than 1,000 head had 470,000 head on feed, down 5 percent from last month and down 8 percent from last year. Cattle and calves on feed for the slaughter market in all Iowa feedlots totaled 1,040,000 head, down 3 percent from last month and down 6 percent from last year.

**Placements** of cattle and calves in Iowa feedlots with a capacity of 1,000 or more head during September totaled 79,000 head, an increase of 11 percent from last month but down 7 percent from last year. Feedlots with a capacity of less than 1,000 head placed 70,000 head, up 94 percent from last month and up 19 percent from last year. Placements for all feedlots in Iowa totaled 149,000 head, up 39 percent from last month and up 3 percent from last year.

**Marketings** of fed cattle from Iowa feedlots with a capacity of 1,000 or more head during September totaled 87,000 head, down 3 percent from last month and down 14 percent from last year. Feedlots with a capacity of less than 1,000 head marketed 93,000 head, up 45 percent

from last month and up 50 percent from last year. Marketings for all feedlots in Iowa were 180,000 head, up 17 percent from last month and up 10 percent from last year. **Other disappearance** from all feedlots in Iowa totaled 4,000 head.

### All Cattle on Feed <sup>1</sup>, Iowa

Item	Feedlots		All feedlots
	1,000+ capacity	less than 1,000 capacity	
	(1,000 head)	(1,000 head)	(1,000 head)
Cattle on feed, September 1, 2016.....	580	495	1,075
September placements .....	79	70	149
September marketings .....	87	93	180
September other disappearance <sup>2</sup> .....	2	2	4
Cattle on feed, October 1, 2016.....	570	470	1,040

<sup>1</sup> Cattle on feed are steers and heifers being fed a ration of grain, silage, hay and/or protein supplement for slaughter market that are expected to produce a carcass that will grade select or better. It excludes cattle being "backgrounded only" for later sale as feeders or later placement in another feedlot.

<sup>2</sup> Includes death loss, movement from feedlots to pasture, and shipments to other feedlots for further feeding.

### Cattle on Feed, Placements, Marketings, and Other Disappearance by Month, 1,000+ Capacity Feedlots – Selected States and United States: 2015-2016

State	Cattle on feed <sup>1</sup> October 1			Placements during September			Marketings during September			September disappearance other than slaughter <sup>2</sup>		
	2015	2016	'16 as % of '15	2015	2016	'16 as % of '15	2015	2016	'16 as % of '15	2015	2016	'16 as % of '15
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Arizona .....	240	263	110	18	14	78	17	21	124	2	1	50
California .....	460	415	90	48	52	108	38	40	105	5	2	40
Colorado .....	830	860	104	210	235	112	155	170	110	5	5	100
Idaho .....	220	240	109	49	58	118	43	41	95	1	2	200
<b>Iowa .....</b>	<b>600</b>	<b>570</b>	<b>95</b>	<b>85</b>	<b>79</b>	<b>93</b>	<b>101</b>	<b>87</b>	<b>86</b>	<b>4</b>	<b>2</b>	<b>50</b>
Kansas .....	2,020	2,220	110	400	420	105	320	360	113	10	10	100
Minnesota.....	138	118	86	17	22	129	18	22	122	1	1	100
Nebraska .....	2,270	2,160	95	510	470	92	430	405	94	10	5	50
Oklahoma .....	255	290	114	52	48	92	46	57	124	1	1	100
South Dakota ...	205	210	102	43	43	100	42	47	112	1	1	100
Texas .....	2,500	2,450	98	430	385	90	365	415	114	15	10	67
Washington .....	195	185	95	36	40	111	35	34	97	1	1	100
Other States ....	295	285	97	43	39	91	32	33	103	1	1	100
United States....	10,228	10,266	100	1,941	1,905	98	1,642	1,732	105	57	42	74

<sup>1</sup> Cattle on feed are steers and heifers being fed a ration of grain, silage, hay and/or protein supplement for slaughter market that are expected to produce a carcass that will grade select or better. It excludes cattle being "backgrounded only" for later sale as feeders or later placement in another feedlot.

<sup>2</sup> Includes death loss, movement from feedlots to pasture, and shipments to other feedlots for further feeding.

### Cattle on Feed, Number on Feed by Class on 1,000+ Capacity Feedlots by Quarter – States and United States: 2015-2016

State	Steers & Steer Calves			Heifers & Heifer Calves		
	October 1, 2015	July 1, 2016	October 1, 2016	October 1, 2015	July 1, 2016	October 1, 2016
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona .....	236	280	258	4	6	5
California .....	430	380	385	30	45	30
Colorado .....	570	550	570	260	300	290
Idaho .....	145	155	155	75	80	85
<b>Iowa .....</b>	<b>450</b>	<b>440</b>	<b>410</b>	<b>150</b>	<b>170</b>	<b>160</b>
Kansas.....	1,100	1,070	1,200	920	980	1,020
Minnesota .....	118	124	101	20	21	17
Nebraska .....	1,520	1,430	1,410	750	750	750
Oklahoma .....	180	195	185	75	115	105
South Dakota ..	118	140	125	87	95	85
Texas .....	1,750	1,780	1,730	750	770	720
Washington .....	120	125	115	75	70	70
Other States ....	200	200	185	95	85	100
United States ...	6,937	6,869	6,829	3,291	3,487	3,437

## CHICKENS & EGGS

Iowa egg production during September 2016 was 1.26 billion eggs, down 2 percent from last month, but up 71 percent from last year, according to the latest Chickens and Eggs report from the USDA's National Agricultural Statistics Service.

The average number of all layers on hand during September 2016 was 53.2 million, up 1 percent from last month, and up 56 percent from last year. Eggs per 100 layers for September were 2,367, down 4 percent from last month, but up 10 percent from last year.

### Layers on Hand and Eggs Produced – States and United States: September 2015 and 2016

[Data may not add to totals due to rounding. Data by type of flock not shown for some states to avoid disclosing individual operations, data included in United States totals.]

State	Table egg layers in flocks 30,000 & above		All layers on hand		Eggs per 100 layers		Total egg production		Table egg production	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	1,542	1,536	9,650	9,057	1,938	1,915	187.0	173.4	39.6	38.6
Arkansas .....	4,018	3,690	13,519	13,370	1,968	2,013	266.1	269.1	97.8	92.4
California .....	11,396	11,240	11,914	11,760	2,293	2,402	273.2	282.5	(D)	(D)
Colorado .....	4,217	4,207	4,672	4,641	2,369	2,353	110.7	109.2	(D)	(D)
Florida .....	8,557	7,866	8,965	8,288	2,189	2,242	196.2	185.8	191.2	180.3
Georgia .....	9,963	9,225	18,848	18,137	2,126	2,114	400.7	383.5	229.8	212.3
Illinois .....	4,426	4,600	4,903	5,064	2,382	2,494	116.8	126.3	112.1	121.8
Indiana .....	28,529	27,613	29,508	28,581	2,295	2,412	677.3	689.3	658.2	670.7
<b>Iowa .....</b>	<b>33,058</b>	<b>51,909</b>	<b>34,196</b>	<b>53,244</b>	<b>2,160</b>	<b>2,367</b>	<b>738.8</b>	<b>1,260.2</b>	<b>723.8</b>	<b>1,241.0</b>
Maryland .....	2,408	2,526	2,576	2,688	2,418	2,403	62.3	64.6	60.9	63.4
Michigan .....	12,554	12,986	12,771	13,224	2,487	2,337	317.6	309.0	(D)	(D)
Minnesota .....	8,791	10,138	9,249	10,598	2,194	2,299	202.9	243.7	196.5	237.6
Mississippi .....	1,534	1,415	5,627	5,480	2,015	2,066	113.4	113.2	36.3	34.8
Missouri .....	7,553	8,000	11,066	11,581	2,199	2,349	243.3	272.0	(D)	(D)
Nebraska .....	5,611	9,073	5,719	9,181	2,476	2,469	141.6	226.7	141.6	226.7
New York .....	4,938	5,212	5,289	5,570	2,437	2,476	128.9	137.9	(D)	(D)
North Carolina .....	6,711	7,077	14,394	14,540	2,088	2,087	300.5	303.5	157.5	165.5
Ohio .....	31,829	30,735	32,681	31,587	2,340	2,381	764.6	752.1	(D)	(D)
Oregon .....	2,298	2,191	2,437	2,330	2,519	2,438	61.4	56.8	61.4	56.8
Pennsylvania .....	24,019	24,513	25,905	26,691	2,437	2,499	631.3	666.9	605.2	635.4
South Carolina .....	2,960	2,806	4,212	4,005	2,244	2,107	94.5	84.4	71.7	62.0
South Dakota .....	1,404	2,376	1,546	2,518	2,329	2,260	36.0	56.9	36.0	56.9
Texas .....	15,644	16,178	19,635	19,939	2,142	2,216	420.6	441.9	(D)	(D)
Utah .....	4,323	4,559	4,361	4,597	2,305	2,243	100.5	103.1	100.5	103.1
Virginia .....	1,168	1,210	2,891	2,959	2,186	2,251	63.2	66.6	32.2	35.0
Washington .....	6,846	6,660	7,012	6,825	2,467	2,374	173.0	162.0	(D)	(D)
Wisconsin .....	3,977	5,286	4,714	5,973	2,329	2,334	109.8	139.4	(D)	(D)
Other States <sup>1</sup> .....	19,122	19,025	28,350	28,099	2,223	2,206	630.1	619.8	491.9	486.1
United States .....	269,396	293,852	336,610	360,527	2,247	2,302	7,562.3	8,299.8	6,465.1	7,206.5

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> Includes data for states not published in this table.

## CROP PRODUCTION

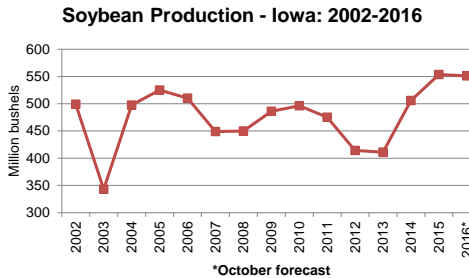
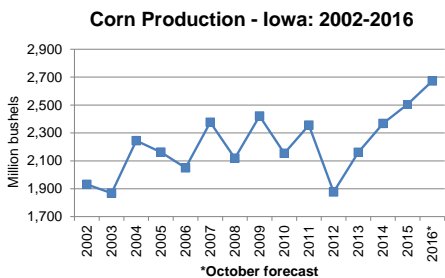
Iowa **corn** production is forecast at 2.67 billion bushels according to the latest USDA, National Agricultural Statistics Service – Crop Production report. If realized, production would be a record high, surpassing last year's record of 2.51 billion bushels. Based on conditions as of October 1, yields are expected to average 198 bushels per acre, up 2 bushels from the September forecast, and 6 bushels per acre higher than last year. If realized, yield would set a new record high for a second consecutive year. The estimated area planted and harvested dropped 100,000 acres from September to 13.9 million and 13.5 million acres, respectively.

**Soybean** production is forecast at 551 million bushels. If realized, this will be second largest crop on record, 2.7 million bushels below last year's record high. The October 1 yield forecast is a record high 58 bushels per acre, 1.5 bushels more than the previous record set last year. The estimated area planted and harvested dropped 150,000 acres from September, to 9.55 million and 9.50 million acres, respectively.

Iowa hay yield for **alfalfa and alfalfa mixtures** is expected to be 4.50 tons per acre with a total production of 3.38 million tons, a production increase of 12 percent from the previous year. If realized, the yield would establish a new record high, surpassing

the previous record yield of 4.20 tons per acre set in 2004. The projected yield for other hay is 2.20 tons, 0.20 ton per acre below last year. Forecasted production, at 770,000 tons, is down 18 percent from 2015.

All crop forecasts in this report are based on October 1 conditions and do not reflect weather effects since that time. The next production forecasts, based on conditions as of November 1, will be released on November 9.



### Area Harvested, Yield, and Production Summary – Iowa and United States: 2015 and Forecasted October 1, 2016

Crop	Area harvested		Yield per acre		Production	
	2015 (1,000 acres)	2016 (1,000 acres)	2015	2016	2015 (1,000)	2016 (1,000)
<b>IOWA</b>						
Corn..... (bu)	13,050	13,500	192.0	198.0	2,505,600	2,673,000
Hay, alfalfa.....(tons)	770	750	3.90	4.50	3,003	3,375
Hay, other.....(tons)	390	350	2.40	2.20	936	770
Soybeans..... (bu)	9,800	9,500	56.5	58.0	553,700	551,000
<b>UNITED STATES</b>						
Corn..... (bu)	80,749	86,836	168.4	173.4	13,601,198	15,057,404
Hay, alfalfa.....(tons)	17,778	18,065	3.32	3.48	58,974	62,817
Hay, other.....(tons)	36,659	38,062	2.06	2.07	75,414	78,756
Soybeans..... (bu)	81,732	83,047	48.0	51.4	3,926,339	4,268,884

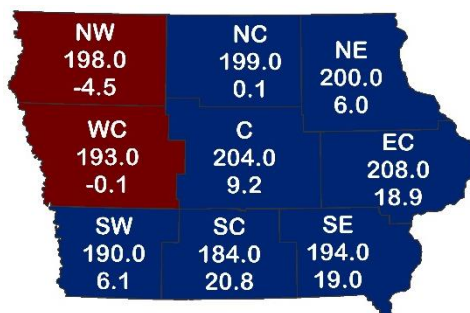
### CROP PRODUCTION DISTRICT ESTIMATES

**Corn** forecasted production is up in all 9 Iowa districts from 2015 and yields are forecasted to be higher in 7 districts. East Central Iowa is anticipated to have the highest yield in the State with 208.0 bushels per acre. The largest increase in production is expected in Central Iowa, where production is anticipated to increase 34.2 million bushels from 2015.

**Soybean** production is forecast to be up in 5 Iowa districts and yields are forecasted to be higher in 7 districts from the previous year. East Central Iowa is expected to have the highest yield in the State with 60.5 bushels per acre. All three southern Iowa districts are anticipated to have higher yields and production than last year, while all three northern districts are expected to have lower production than last year. The largest increase in production is expected in South Central Iowa, where production is expected to exceed last year by 6.40 million bushels.

All crop forecasts in this report are based on conditions on October 1 and do not reflect weather effects since that time. The next district corn and soybean production forecasts, based on conditions as of November 1, will be released on November 9.

#### Corn Yield: October 1, 2016 Bushels per Acre and Change from Previous Year



State Average: 198.0 bu/acre

#### Soybean Yield: October 1, 2016 Bushels per Acre and Change from Previous Year



State Average: 58.0 bu/acre