

Alaska Agricultural Statistics 2016 Annual Bulletin

Compiled by the

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National Agricultural Statistics Service
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REPORTS AVAILABLE:

Alaska Farm Reporter – Approximately 4 times a year, Alaska Crop Weather - Weekly (May – Sept.).

Contact by phone: 1-907-745-4272, email: nassrfo_nwr@nass.usda.gov, or write to:

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or

View our Alaska reports on the Internet at http://www.nass.usda.gov/Statistics_by_State/Alaska/

All NASS Reports can also be found at: <http://www.nass.usda.gov/index.asp>

Data from past years may be obtained by viewing one of the above websites or by calling to request the data.

Revision Policy of the National Agricultural Statistics Service (NASS):

Most estimates are subject to revision, if necessary, when the next estimate is prepared. Revisions are made to provide data users with the best possible data for evaluating the current estimates. Revisions are based on additional data, such as new surveys, late reports, corrected data or more complete administrative data. Revisions may also be based on a re-evaluation of previous survey data when making current estimates to improve survey-to-survey relationships. When the Census of Agriculture becomes available every 5 years, all estimates made during these 5 years are reviewed for possible revisions. After reviewing estimates with Census data, there are no further revisions to NASS estimates. This publication generally contains eight years of data. The estimates for the next to last year may have been revised since the previous issue of this publication. Additionally, the estimates for the most recent year may be revised after this publication is printed.

ALASKA WEATHER SUMMARY – 2015

The winter of 2014/2015 was generally warmer and drier than normal. This pattern continued until March when temperatures remained warmer than normal but precipitation was above normal, except in parts of the Tanana Valley.

The pattern of warmer than normal temperatures carried over in to the start of the 2015 growing season. May had warmer than normal temperatures with many areas setting new daily records and Delta Junction setting a new monthly record. May was slightly wetter than normal statewide but most of the major growing areas were drier than normal with Delta Junction observed at only 4% of normal. By the end of May field work was on schedule. The barley crop was reported as 100% planted and 20% emerged. Five year averages for that date are 100% planted, 52% emerged. Oats were 100% planted and 10% emerged. Five year averages for that date are 83% planted, 38% emerged. Potatoes were 85% planted; the five year average is 78% planted.

June temperatures were warmer than normal once again, with monthly records being set in several locations. Precipitation was below normal for the month. The Delta Junction area received some snow the first week of June. Fires burned across the state with smoky conditions influencing temperatures and air quality in some locations due to the over 1.5 million acres affected by the fires. By month's end barley was 10% headed, oats 5% headed, potatoes 100% emerged and the first cutting hay harvest was 25% complete; all above five year averages.

July temperatures were generally above normal, however, the Tanana Valley was slightly cooler than normal. Precipitation was generally higher than normal in South Central and the Tanana Valley, but lower than normal on the Kenai Peninsula and on Kodiak. Fire and smoke continued to impact air quality and temperatures. First cutting hay was 85% complete by the end of July with the second cutting just getting underway. Barley was 25% turning color, while oats were 10% turning color.

August temperatures were above normal statewide for the first week then became dependent on location with the Tanana Valley generally below normal, Kenai above normal, and South Central mixed. Precipitation also varied by location, with drier than normal conditions in Southcentral and the Kenai while the Interior had heavy rains at months' end. The end of August had barley was 30% ripe and oats 45% turning color; both below five year averages. Second cutting hay harvest was 15% complete.

Monthly average temperatures in September were below normal statewide for the first time in 2015. Many locations had lows below freezing before months end, with the Interior seeing temperature in the teens. Precipitation was generally higher than normal across the state with heavy precipitation/snows at the end of the month. Fairbanks had its second snowiest September, while Anchorage and Fairbanks set new records for precipitation. By the end of September 95% of the barley was harvested and 55% of the oats were ripe. Potatoes were reported as 75% harvested and second cutting hay was 55% harvested; all below five year averages.

October, November and December temperatures were all above normal across the state. Precipitation was below normal with snowfall totals well below normal in most locations.

ALASKA CROPS 2015

BARLEY was planted on 4,600 acres in 2015, down from the 5,400 acres planted in 2014. Growers harvested 4,300 acres for grain, down from the 5,100 acres harvested in 2014. **GRAIN** production was 146,000 bushels, down from 217,000 bushels harvested in 2014. Yields were 34.0 bushels per acre, and compares with 42.5 bushels per acre in 2014. The 2015 crop was valued at \$796,000, down from the 2014 value of \$1,183,000.

OATS were planted on 1,800 acres in 2015, down 400 acres from a year earlier. Growers harvested 1,000 acres of oats for grain, unchanged from 2014. Oats for **GRAIN** production was 47,000 bushels, down from 57,000 bushels in 2014. The yield averaged 47.0 bushels per acre and compares with 57.0 bushels per acre in 2014. Value of the 2015 crop, at \$179,000, compares with \$211,000 in 2014.

ALL HAY production of 20,000 tons was down 5,000 tons from the 2014 production. The State's average yield at 1.10 tons per acre compares with 1.39 tons per acre in 2014. The 2014 and 2015 crops were both harvested from 18,000 acres. Value of production of all hay at \$7,400,000 was down \$2,225,000 from the previous year.

All **POTATO** production of 140,000 cwt was harvested from 540 acres in 2015. This compares with 155,000 cwt from 620 acres in 2014. At \$2,884,000, the value of production was down \$511,000 from the 2014 crop.

ALASKA LIVESTOCK 2015

CATTLE AND CALVES: All cattle and calves totaled 11,000 head on January 1, 2016, up 1,000 head from the previous year.

DAIRY: Milk cows that have calved numbered 300 on January 1, 2016, unchanged from January 1, 2015. The average number of licensed dairy herds in Alaska was 2 for 2015.

MILK PRODUCTION in 2015 totaled 3,500,000 pounds, unchanged from 2014. The value of milk produced, at \$770,000, was up \$3,000 from 2014. The 2015 value per hundredweight of milk was \$22.00.

BEEF COWS: On January 1, 2016 beef cows that have calved was 4,000 head, down 300 head from the previous year.

ALL OTHER CATTLE: All other cattle (including beef replacement heifers, dairy replacement heifers, other heifers, steers, bulls and calves) totaled 6,700 head on January 1, 2016, up 1,300 head from January 1, 2015.

HOGS: On December 1, 2015, there were 1,400 hogs and pigs on farms, up 200 head from the previous year. All hogs kept for breeding, at 300 head was unchanged from 2013. The number of market hogs, at 1,100 head, were up 200 head from December 1, 2014. Alaska producers averaged 8.2 pigs per litter, down from 9.4 pigs per litter in 2014.

Prices Received for Crops, All Milk, and Milk Cows — Alaska and United States: 2008-2015

State and year	Barley (dollars per bushel)	Oats (dollars per bushel)	All hay (dollars per ton)	Potatoes ¹ (dollars per cwt)	All milk (dollars per cwt)	Milk cows (dollars per head)
Alaska						
2008	4.50	3.00	315.00	24.80	23.60	1,300.00
2009	4.45	3.05	310.00	24.20	24.50	1,300.00
2010	4.40	3.35	305.00	23.80	24.40	1,300.00
2011	4.50	3.45	300.00	23.70	24.20	1,300.00
2012	5.35	3.60	315.00	27.60	24.00	1,250.00
2013	5.40	3.75	395.00	23.50	22.00	1,200.00
2014	5.45	3.70	385.00	21.90	21.90	1,300.00
2015	5.45	3.80	370.00	20.60	22.00	1,450.00
United States						
2008	5.37	3.15	152.00	9.09	18.45	1,950.00
2009	4.66	2.02	108.00	8.25	12.93	1,390.00
2010	3.86	2.52	114.00	9.20	16.35	1,330.00
2011	5.35	3.49	178.00	9.41	20.24	1,420.00
2012	6.43	3.89	191.00	8.63	18.56	1,430.00
2013	6.06	3.75	176.00	9.75	20.11	1,380.00
2014	5.30	3.21	172.00	8.88	24.07	1,830.00
2015	5.52	2.12	145.00	8.76	17.21	1,990.00

¹ Alaska potato price includes storage, packing, marketing, and delivery costs. United States potato price is point of first sale.

Number of Farms, Land in Farms, and Average Size — Alaska: 2008-2015

[Includes farms and ranches with annual sales of \$1,000 or more]

Year	Number of farms			Land in farms			Average size of all farms (acres)
	Economic sales class		Total	Economic sales class		Total	
	\$1,000-\$9,999	\$10,000 or more		\$1,000-\$9,999	\$10,000 or more		
	(number)			(1,000 acres)			
2008	370	330	700	280	590	870	1,243
2009	370	340	710	280	580	860	1,211
2010	370	350	720	280	570	850	1,181
2011	380	360	740	270	570	840	1,135
2012	380	380	760	270	560	830	1,092
2013	380	380	760	270	560	830	1,092
2014	380	380	760	270	560	830	1,092
2015	380	370	750	270	560	830	1,107

Field Crop Area Planted and Harvested — Alaska: 2008-2015

Year	Potatoes		Oats		Barley		All hay
	Planted	Harvested	Planted	Harvested ¹	Planted	Harvested ¹	Harvested
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
2008	800	780	1,700	500	4,100	3,400	18,000
2009	780	740	1,700	900	4,800	4,400	20,000
2010	760	750	1,900	800	4,400	4,200	20,000
2011	750	720	2,100	1,000	5,200	4,800	19,000
2012	680	650	2,400	900	4,600	4,300	22,000
2013	650	620	1,300	400	3,600	3,300	20,000
2014	650	620	2,200	1,000	5,400	5,100	18,000
2015	560	540	1,800	1,000	4,600	4,300	18,000

¹ Acreage harvested for grain.

Barley Area Planted and Harvested, Yield, Production, and Value — Alaska: 2008-2015

Year	Acreage		Yield per acre	Production	Value of production
	Planted	Harvested ¹			
	(acres)	(acres)	(bushels)	(bushels)	(dollars)
2008	4,100	3,400	29.1	99,000	446,000
2009	4,800	4,400	41.6	183,000	814,000
2010	4,400	4,200	44.0	185,000	814,000
2011	5,200	4,800	36.5	175,000	788,000
2012	4,600	4,300	48.1	207,000	1,107,000
2013	3,600	3,300	33.3	110,000	594,000
2014	5,400	5,100	42.5	217,000	1,183,000
2015	4,600	4,300	34.0	146,000	796,000

¹ Acreage harvested for grain.

Oat Area Planted and Harvested, Yield, Production, and Value — Alaska: 2008-2015

Year	Acreage		Yield per acre	Production	Value of production
	Planted	Harvested ¹			
	(acres)	(acres)	(bushels)	(bushels)	(dollars)
2008	1,700	500	26.0	13,000	39,000
2009	1,700	900	41.1	37,000	113,000
2010	1,900	800	60.0	48,000	161,000
2011	2,100	1,000	80.0	80,000	276,000
2012	2,400	900	65.6	59,000	212,000
2013	1,300	400	37.5	15,000	56,000
2014	2,200	1,000	57.0	57,000	211,000
2015	1,800	1,000	47.0	47,000	179,000

¹ Acreage harvested for grain.

All Hay Area Harvested, Yield, Production, and Value — Alaska: 2008-2015

Year	Area harvested	Yield per acre	Production	Value of production
	(acres)	(tons)	(tons)	(1,000 dollars)
2008	18,000	1.11	20,000	6,300
2009	20,000	1.15	23,000	7,130
2010	20,000	1.20	24,000	7,320
2011	19,000	1.16	22,000	6,600
2012	22,000	1.23	27,000	8,505
2013	20,000	0.75	15,000	5,925
2014	18,000	1.39	25,000	9,625
2015	18,000	1.10	20,000	7,400

Potato Area Planted and Harvested, Yield, Production, and Value — Alaska: 2008-2015

Year	Acreage		Yield per acre	Production	Value of production
	Planted	Harvested			
	(acres)	(acres)	(cwt)	(cwt)	(1,000 dollars)
2008	800	780	173	135,000	3,348
2009	780	740	185	137,000	3,315
2010	760	750	200	150,000	3,570
2011	750	720	186	134,000	3,176
2012	680	650	215	140,000	3,864
2013	650	620	210	130,000	3,055
2014	650	620	250	155,000	3,395
2015	560	540	260	140,000	2,884

Potato Production, Seed Use, Farm Disposition, Price, and Value — Alaska: 2008-2015

Crop year	Production	Total used for seed	Farm disposition			Price per cwt	Value of	
			Where grown		Sold		Production	Sales
			Seed, feed home use	Shrink and loss				
	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(dollars)	(1,000 dollars)	(1,000 dollars)
2008	135,000	17.0	18.0	19.0	98.0	24.80	3,348	2,434
2009	137,000	16.0	17.0	23.0	97.0	24.20	3,315	2,347
2010	150,000	15.0	19.0	21.0	110.0	23.80	3,570	2,617
2011	134,000	14.0	14.0	35.0	85.0	23.70	3,176	2,011
2012	140,000	13.0	12.0	20.0	108.0	27.60	3,864	2,980
2013	130,000	12.0	18.0	13.0	99.0	23.50	3,055	2,325
2014	155,000	10.0	13.0	16.0	126.0	21.90	3,395	2,755
2015	140,000	11.0	11.0	13.0	116.0	20.60	2,884	2,390

Milk Cows and Production of Milk and Milkfat — Alaska: 2008-2015

Year	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		All milk percent of fat	Total	
		Milk	Milkfat		Milk	Milkfat
	(head)	(pounds)	(pounds)	(percent)	(1,000 pounds)	(1,000 pounds)
2008	600	12,000	426	3.55	7,200	300
2009	600	10,000	344	3.44	6,000	200
2010	600	11,833	404	3.41	7,100	200
2011	500	13,800	473	3.43	6,900	200
2012	400	14,250	516	3.62	5,700	200
2013	300	10,667	427	4.00	3,200	100
2014	300	11,667	462	3.96	3,500	100
2015	300	11,667	460	3.94	3,500	100

¹ Average number during the year, excluding heifers not yet fresh.

² Excludes milk sucked by calves.

Quantity of Milk Used and Marketed by Producers — Alaska: 2009-2015

	Milk used where produced			Milk marketed by producers	
	Fed to calves ¹	Used for milk, cream, and butter	Total	Total quantity ²	Fluid grade ³
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)
2009	300	200	500	5,500	100
2010	300	200	500	6,600	100
2011	300	200	500	6,400	100
2012	200	100	300	5,400	100
2013	100	100	200	3,000	100
2014	100	100	200	3,300	100
2015	200	200	400	3,100	100

¹ Excludes milk sucked by calves.

² Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds.

³ Percent of milk sold that is eligible for fluid use (Grade A in most States). Includes fluid grade milk used in manufacturing dairy products.

Milk and Cream Marketings, Income, and Value of Production — Alaska: 2009-2015

Year	Milk utilized	Average returns per cwt for all milk ¹	Returns per pound milkfat	Cash receipts from marketings	Used for milk, cream, and butter by producers		Gross producer income ³	Value of milk produced ^{2 4}
					Milk utilized	Value ²		
	(1,000 pounds)	(dollars)	(dollars)	(1,000 dollars)	(1,000 pounds)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
2009	5,500	24.50	7.12	1,348	200	49	1,397	1,470
2010	6,600	24.40	7.16	1,610	200	49	1,659	1,732
2011	6,400	24.20	7.06	1,549	200	48	1,597	1,670
2012	5,400	24.00	6.63	1,296	100	24	1,320	1,368
2013	3,000	22.00	5.50	660	100	22	682	704
2014	3,300	21.90	5.53	723	100	22	745	767
2015	3,100	22.00	5.58	682	200	44	726	770

¹ Cash receipts divided by milk or milkfat in combined marketings.

² Value at average returns per 100 pounds of milk in combined marketings of milk and cream.

³ Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

⁴ Includes value of milk fed to calves.

Cattle Inventory by Class — Alaska: January 1, 2009-2016

Year	All cattle and calves	All cows that have calved			Heifers, steers, and bulls 500 pounds and over					Under 500 pounds
		Beef cows	Milk cows	Total cows	Heifers		Other heifers	Steers and bulls		
					Replacements			Steers	Bulls	
					Beef heifers	Milk heifers				
	(head)	(head)	(head)	(head)	(head)	(head)	(head)	(head)	(head)	(head)
2009	14,000	5,500	600	6,100	1,600	200	100	800	1,900	3,300
2010	14,500	5,400	600	6,000	1,700	200	100	600	2,000	3,900
2011	13,500	5,100	500	5,600	1,700	200	200	700	2,100	3,000
2012	12,500	5,300	500	5,800	1,600	200	100	400	2,200	2,200
2013	10,500	5,000	400	5,400	1,000	200	100	300	1,800	1,700
2014	10,000	4,300	300	4,600	800	100	100	400	1,900	2,100
2015	10,000	4,300	300	4,600	900	100	100	300	2,400	1,600
2016	11,000	4,000	300	4,300	900	100	600	400	2,500	2,200

Cattle and Calves Production, Price, and Income — Alaska: 2008-2015

Year	Production ¹	Marketings ²	Average price		Value of production	Cash receipts ³	Value of home consumption	Gross income
			Cattle	Calves				
	(1,000 pounds)	(1,000 pounds)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
2008	1,150	1,776	105.00	120.00	1,205	1,877	546	2,423
2009	2,011	1,676	105.00	120.00	2,162	1,772	454	2,226
2010	2,309	2,326	103.00	120.00	2,371	2,420	468	2,888
2011	2,451	2,505	(NA)	(NA)	2,563	2,687	456	3,143
2012	1,370	2,768	(NA)	(NA)	1,620	3,293	410	3,703
2013	761	1,339	(NA)	(NA)	1,021	1,605	330	1,935
2014	1,991	1,371	(NA)	(NA)	2,831	2,059	408	2,467
2015	1,934	1,260	(NA)	(NA)	3,092	1,935	253	2,188

(NA) Not available.

¹ Adjustments made for changes in inventory and for inshipments.

² Excludes custom slaughter for use on farms where produced and interfarm sales within the State.

³ Receipts from marketings and sale of farm slaughter.

Hog and Pig Inventory by Class — Alaska: December 1, 2008-2015

Year	Breeding hogs	Market hogs and pigs					All hogs and pigs
		Under 50 pounds	50-119 pounds	120-179 pounds	180 pounds and over	Total market	
	(head)	(head)	(head)	(head)	(head)	(head)	(head)
2008	200	(NA)	(NA)	200	100	700	900
2009	300	300	300	300	200	1,100	1,400
2010	200	200	300	200	300	1,000	1,200
2011	200	200	200	100	200	700	900
2012	200	300	200	100	200	800	1,000
2013	200	300	300	100	100	800	1,000
2014	300	400	300	100	100	900	1,200
2015	300	400	400	200	100	1,100	1,400

(NA) Not available.

Annual Sows Farrowing, Pigs per Litter, and Pig Crop — Alaska: December-November, 2009-2016

[December preceding year]

Year	Sows farrowing	Pigs per litter	Pig crop
	(head)	(number)	(head)
2008	180	8.94	1,600
2009	380	7.11	2,700
2010	240	7.42	1,800
2011	230	8.30	1,900
2012	120	8.58	1,000
2013	120	9.17	1,100
2014	170	9.41	1,600
2015	220	8.18	1,800

Hogs and Pigs Production, Price, and Income — Alaska: 2008-2015

Year	Production ¹	Marketings ²	Price per cwt			Value of production ³	Cash receipts ^{3 4}	Value of home consumption	Gross income
			Barrows and gilts	Sows	All hogs				
	(1,000 pounds)	(1,000 pounds)	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
2008	440	362	90.00	75.00	85.00	378	308	92	400
2009	604	409	95.00	75.00	90.00	547	368	113	481
2010	638	542	95.00	75.00	90.00	586	488	144	632
2011	608	506	(NA)	(NA)	(NA)	422	350	116	466
2012	397	283	(NA)	(NA)	(NA)	272	192	88	280
2013	374	275	(NA)	(NA)	(NA)	261	192	92	284
2014	504	375	(NA)	(NA)	(NA)	401	309	99	408
2015	810	700	(NA)	(NA)	(NA)	436	422	93	515

(NA) Not available.

¹ Adjustments made for changes inventory and for inshipments.

² Excludes custom slaughter for use on farms where produced and interfarm sales with the State.

³ Includes allowance for higher average price of State inshipments and outshipments of feeder pigs.

⁴ Receipts from marketings and sale of farm slaughter.