Alaska Agricultural Statistics
2018 Annual Bulletin

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United States Department of Agriculture
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: nassrfonwr@nass.usda.gov, or write to:
Alaska Agricultural Statistics Service, P.O. Box 799, Palmer, AK 99645
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: https://www.nass.usda.gov/Publications/index.php
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 – 2017

The winter of 2016/2017 was generally warmer than normal, except for March of 2017 which was much cooler than normal. Precipitation was below normal in October and November of 2016, above normal December through February, then below normal for March and April across most of the state.

The pattern of warmer than normal temperatures carried over into the start of the 2017 growing season. May precipitation levels varied but were generally normal. By the end of May field work was on schedule. The barley crop was reported as 98% planted and 10% emerged. Five year averages for that date are 89% planted, 25% emerged. Oats were 95% planted and 20% emerged. Five year averages for that date are 79% planted, 19% emerged. Potatoes were 65% planted; the five year average is 64% planted.

June temperatures were also warmer than normal. Daily record highs were set in early June in Delta Junction and in Fairbanks. Precipitation was generally below normal but Fairbanks, Juneau and Kodiak were above normal. Daily records for precipitation were set in Fairbanks. By month's end barley was 5% in-boot, oats less than 5% in-boot, potatoes 90% emerged and the first cutting hay harvest was 25% complete; all below the five year averages.

July temperatures were above or near normal across most of the state. Precipitation was generally lower than normal with parts of Southcentral well below of normal. First cutting hay was 85% complete by the end of July, right at the five year average. Barley was 60% turning color, while oats were 25% turning color. Five year averages are 18% and 3% turning color, respectively.

August temperatures were again above normal across most of the state. Precipitation was at or above normal. The end of August had barley 15% harvested and oats 20% ripe. The five year averages are 6% barley harvested and 28% oats ripe. Second cutting hay harvest was 30% complete; the five year average is 23% harvested.

September temperatures remained above normal statewide. Precipitation varied but was generally at or slightly below normal. By the end of September 99% of the barley and 98% of the oats were harvested. Potatoes were reported as 90% harvested and second cutting hay was 85% harvested; all above five year averages.

October and November temperatures were generally above normal. December temperatures were well above. Precipitation varied by location and month. October was generally at or above normal precipitation levels. November precipitation was below normal in the Southcentral/Southeast and above normal in the Tanana Valley. December precipitation was at or below normal in most growing areas, with the exception of Juneau and Kodiak which were both below normal.

Prices Received for Crops, All Milk, and Milk Cows — Alaska and United States: 2010-2017

State and year	Barley	Oats	All hay	Potatoes [1]	All milk	Milk cows
	(dollars per bushel)	(dollars per bushel)	(dollars per ton)	(dollars per cwt)	(dollars per cwt)	(dollars per head)
Alaska						
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
2016	5.25	3.70	340.00	22.50	21.90	1,600.00
2017	5.25	3.65	360.00	23.70	22.00	1,600.00
United States						
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
2016	4.96	2.06	129.00	9.08	16.34	1,760.00
2017	4.47	2.59	142.00	9.10	17.69	1,620.00

[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: 2010-2017

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

Year	Number of farms			Land in farms			Average size of all farms
	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)			(acres)
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	380	760	270	560	830	1,092
2016	380	380	760	270	560	830	1,092
2017	380	380	760	270	560	830	1,092

Field Crop Area Planted and Harvested — Alaska: 2010-2017

Year	Potatoes		Oats		Barley		All hay
	Planted	Harvested	Planted	Harvested [1]	Planted	Harvested [1]	Harvested
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
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
2016	500	490	2,000	1,200	5,000	4,700	22,000
2017	450	430	1,700	900	5,500	5,200	21,000

[1] Acreage harvested for grain.

Barley Area Planted and Harvested, Yield, Production, and Value — Alaska: 2010-2017

Year	Acreage		Yield per acre	Production	Value of production
	Planted	Harvested [1]			
	(acres)	(acres)	(bushels)	(bushels)	(dollars)
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
2016	5,000	4,700	49.0	230,000	1,208,000
2017	5,500	5,200	46.0	239,000	1,255,000

[1] Acreage harvested for grain.

Oat Area Planted and Harvested, Yield, Production, and Value — Alaska: 2010-2017

Year	Acreage		Yield per acre	Production	Value of production
	Planted	Harvested [1]			
	(acres)	(acres)	(bushels)	(bushels)	(dollars)
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
2016	2,000	1,200	62.0	74,000	274,000
2017	1,700	900	73.0	66,000	241,000

[1] Acreage harvested for grain.

All Hay Area Harvested, Yield, Production, and Value — Alaska: 2010-2017

Year	Area harvested	Yield per acre	Production	Value of production
	(acres)	(tons)	(tons)	(1,000 dollars)
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
2016	22,000	1.35	30,000	10,200
2017	21,000	1.20	25,000	9,000

Potato Area Planted and Harvested, Yield, Production, and Value — Alaska: 2010-2017

Year	Acreage		Yield per acre	Production	Value of production
	Planted	Harvested			
	(acres)	(acres)	(cwt)	(cwt)	(1,000 dollars)
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
2016	500	490	300	147,000	3,308
2017	450	430	270	116,000	2,749

Potato Production, Seed Use, Farm Disposition, Price, and Value — Alaska: 2010-2017

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)
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
2016	147,000	8.0	30.0	12.0	105.0	22.50	3,308	2,363
2017	116,000	8.0	15.0	15.0	86.0	23.70	2,749	2,041

Milk Cows and Production of Milk and Milkfat — Alaska: 2010-2017

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)
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
2016	300	11,667	455	3.90	3,500	100
2017	300	9,667	379	3.92	2,900	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: 2011-2017

	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)
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
2016	100	200	300	3,200	100
2017	200	200	400	2,500	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: 2011-2017

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)
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
2016	3,200	21.90	5.62	701	200	44	745	767
2017	2,500	22.00	5.61	550	200	44	594	638

[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, 2011-2018

Year	All cattle and calves	All cows that have calved			Heifers, steers, and bulls 500 pounds and over					Under 500 pounds
					Heifers			Steers and bulls		
		Beef cows	Milk cows	Total cows	Replacements		Other heifers	Steers	Bulls	Calves
					Beef heifers	Milk heifers				
	(head)	(head)	(head)	(head)	(head)	(head)	(head)	(head)	(head)	(head)
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
2017	13,000	4,700	300	5,000	1,000	100	500	500	2,700	3,200
2018	14,000	5,400	300	5,700	1,400	100	500	500	2,300	3,500

Cattle and Calves Production, Price, and Income — Alaska: 2010-2017

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)
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
2016	2,900	1,715	(NA)	(NA)	3,421	1,952	178	2,130
2017	3,678	2,703	(NA)	(NA)	4,182	3,022	447	3,469

(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, 2010-2017

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)
2010	200	(NA)	(NA)	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
2016	300	400	500	200	100	1,200	1,500
2017	300	300	500	200	200	1,200	1,500

(NA) Not available.

Annual Sows Farrowing, Pigs per Litter, and Pig Crop — Alaska: December-November, 2010-2017

[December preceding year]

Year	Sows farrowing	Pigs per litter	Pig crop
	(head)	(number)	(head)
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
2016	240	8.75	2,100
2017	300	8.33	2,500

Hogs and Pigs Production, Price, and Income — Alaska: 2010-2017

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)
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
2016	842	744	(NA)	(NA)	(NA)	424	416	86	502
2017	1,191	1,071	(NA)	(NA)	(NA)	641	643	115	758

(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.