



# MONTANA AGRICULTURAL FACTS 2018



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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## Montana Facts and Figures

Montana's 2010 population, at 989,415, was up 9.7 percent from 2000. Population density, measured in people per square mile, was 6.8 in 2010--third lowest in the United States. Montana's 58.0 million acres of land in farms and ranches ranks second in the nation behind Texas.

Montana Population <sup>1</sup>		Land and Land Utilization	
Total, 2010 Census	989,415	Montana Total Land Area, Square Miles <sup>1</sup>	145,546
People Per Square Mile	6.8	Montana Total Land Area, Acres <sup>1</sup>	93,149,312
		All Land in Farms & Ranches, Acres <sup>2</sup>	58,122,878
		Proportion of Land in Farms & Ranches <sup>2</sup>	62.4%

<sup>1</sup> 2010 U.S. Population Census.

<sup>2</sup> 2017 U.S. Census of Agriculture.

## Farm Financial Indicators

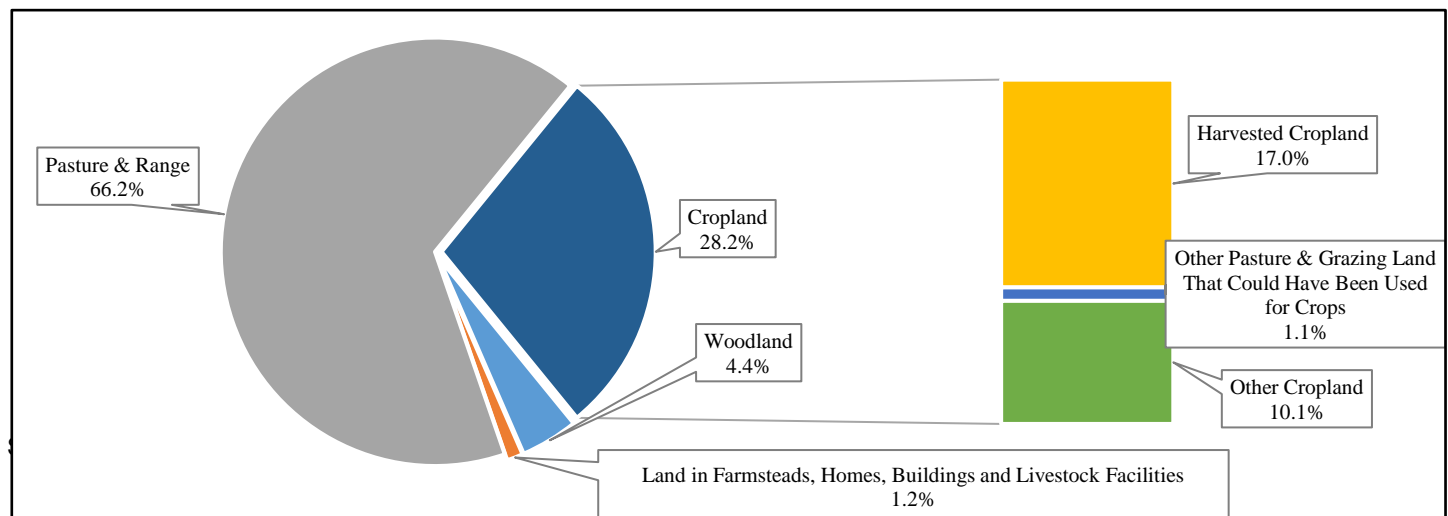
(1,000)

Number of Farms & Ranches <sup>1</sup>	26,900		Value of Crop Production <sup>2</sup>	\$1,475,312
Average Size of Farm or Ranch <sup>1</sup>	2,156	Acres	Value of Animals & Products Production <sup>2</sup>	\$1,588,241
Gross Farm Income <sup>2</sup>	\$4.39	Billion	Farm-Related Income <sup>2</sup>	\$954,550
Value of Agriculture Sector Production <sup>2</sup>	\$4.02	Billion	Net Farm Income <sup>2</sup>	\$351,014

<sup>1</sup> Places with annual sale of agricultural products of \$1,000 or more.

<sup>2</sup> Source: USDA, Economic Research Service, Farm Financial Indicators State Rankings, 2017 figures.

## Land in Farms & Ranches: Utilization as a Percentage of Total



Source: 2017 Census of Agriculture

## Montana Annual Crop Summary, 2017 & 2018

Crop	Planted Acres	Harvested Acres	Yield per Acre	Production	Season Average Price	Value of Production	U.S. Total Production
	(1,000)	(1,000)		(1,000)	(Dollars)	(\$1,000)	(1,000)
Winter Wheat (Bu) .....2017	1,750.0	1,590.0	42.0	66,780	4.76	317,873	1,270,282
2018	1,650.0	1,570.0	50.0	78,500	5.15	404,275	1,183,939
Durum Wheat (Bu) .....2017	890.0	785.0	16.0	12,560	6.32	79,379	54,777
2018	840.0	775.0	30.0	23,250	5.30	123,225	77,287
Spring Wheat (Bu) .....2017	2,500.0	2,290.0	21.0	48,090	6.21	298,639	415,851
2018	2,900.0	2,820.0	34.0	95,880	5.50	527,340	623,232
All Wheat (Bu) .....2017	5,140.0	4,665.0	27.3	127,430	5.34	695,891	1,740,910
2018	5,390.0	5,165.0	38.3	197,630	5.30	1,054,840	1,884,458
Barley (Bu) .....2017	770.0	565.0	51.0	28,815	4.34	125,057	143,258
2018	790.0	600.0	56.0	33,600	4.70	157,920	153,082
Oats (Bu) .....2017	70.0	18.0	47.0	846	2.86	2,420	49,585
2018	70.0	23.0	43.0	989	2.90	2,868	56,130
Corn for Grain (Bu) <sup>1</sup> .....2017	115.0	65.0	70.0	4,550	3.41	15,516	14,609,407
2018	115.0	68.0	85.0	5,780	3.50	20,230	14,420,101
Corn for Silage (Ton) .....2017	--	25.0	20.0	500	--	--	127,434
2018	--	37.0	20.0	740	--	--	121,361
Flaxseed (Bu) .....2017	52.0	38.0	9.0	342	8.73	2,986	3,842
2018	39.0	37.0	17.0	629	9.00	5,661	4,466
Sugar Beets (Ton) .....2017	42.9	42.7	32.7	1,396	41.30	57,655	35,317
2018	43.5	42.4	31.1	1,319	--	--	33,145
Alfalfa Hay (Ton) <sup>2</sup> .....2017	--	1,650.0	2.10	3,465	142.00	492,030	55,812
2018	--	1,900.0	2.05	3,895	148.00	576,460	52,634
Other Hay (Ton) <sup>2</sup> .....2017	--	850.0	1.50	1,275	136.00	173,400	72,395
2018	--	1,000.0	1.70	1,700	131.00	222,700	70,966
All Hay (Ton) <sup>2</sup> .....2017	--	2,500.00	1.90	4,740	141.00	665,430	128,207
2018	--	2,900.00	1.93	5,595	145.00	799,160	123,600
Fall Potatoes (Cwt) .....2017	11.1	11.1	340.0	3,774	12.80	48,307	406,800
2018	11.1	11.1	345.0	3,830	13.00	49,790	420,281
All Dry Beans (Cwt) .....2017	275.0	265.0	1,000.0	2,643	33.80	89,333	35,961
2018	395.0	386.0	1,350.0	5,214	24.60	128,264	37,494
Pinto Beans (Cwt) .....2017	6.0	6.0	2,500.0	150	--	--	13,617
2018	3.0	2.6	2,400.0	62	--	--	8,792
Garbanzo Beans (Cwt) .....2017	269.0	259.0	960.0	2,493	--	--	7,057
2018	390.0	382.0	1,350.0	5,138	--	--	12,742
Lentils (Cwt) .....2017	730.0	670.0	650.0	4,355	25.30	110,182	7,482
2018	500.0	450.0	1,080.0	4,860	15.20	73,872	8,408
Dry Peas (Cwt) .....2017	525.0	470.0	820.0	3,854	11.00	42,394	14,195
2018	335.0	310.0	1,620.0	5,022	9.70	48,814	15,929
Austrian Winter Peas (Cwt) .....2017	20.0	4.0	710.0	28	(D)	(D)	100
2018	12.0	8.0	950.0	76	(D)	(D)	124
Canola (Lbs) .....2017	155.0	137.0	860.0	117,820	15.70	18,498	3,055,410
2018	120.0	117.0	1,120.0	131,040	14.80	19,394	3,616,560
Mustard Seed (Lbs) .....2017	(3)	(3)	(3)	(3)	--	--	58,820
2018	(3)	(3)	(3)	(3)	--	--	73,078
Safflower (Lbs) .....2017	39.0	28.0	610.0	17,080	(D)	(D)	176,025
2018	42.0	36.0	990.0	35,640	22.00	7,841	236,380

-- Not Available.

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

<sup>1</sup> Planted for all Purposes.

<sup>2</sup> Price of baled hay.

<sup>3</sup> Data published at National level only.

## Selected Montana Livestock

Item	January 1, 2018	January 1, 2019	Percent of Previous Year
All Cattle & Calves ..... (Head)	2,550,000	2,500,000	98%
Cows & Heifers That Have Calved..... (Head)	1,510,000	1,460,000	97%
Beef Cows..... (Head)	1,497,000	1,448,000	97%
Milk Cows..... (Head)	13,000	12,000	92%
Heifers 500 Pounds & Over			
For Beef Cow Replacement..... (Head)	390,000	380,000	97%
For Milk Cow Replacement..... (Head)	7,000	8,000	114%
Other Heifers..... (Head)	223,000	232,000	104%
Steers 500 Pounds & Over ..... (Head)	210,000	240,000	114%
Bulls 500 Pounds & Over ..... (Head)	105,000	100,000	95%
Calves Less Than 500 Pounds ..... (Head)	105,000	80,000	76%
Cattle On Feed..... (Head)	45,000	40,000	89%
Calf Crop <sup>1</sup> ..... (Head)	1,480,000	1,450,000	98%
Item	January 1, 2018	January 1, 2019	Percent of Previous Year
All Sheep & Lambs..... (Head)	225,000	215,000	96%
Breeding Sheep ..... (Head)	195,000	183,000	94%
One Year Old & Older			
Ewes ..... (Head)	150,000	141,000	94%
Rams..... (Head)	6,000	6,000	100%
Replacement Lambs ..... (Head)	39,000	36,000	92%
Market Sheep & Lambs..... (Head)	30,000	32,000	107%
Sheep..... (Head)	1,000	2,000	200%
Lambs ..... (Head)	29,000	30,000	103%
Lamb Crop <sup>1</sup> ..... (Head)	190,000	180,000	95%
Wool Production <sup>1</sup> ..... (Lbs)	1,750,000	1,610,000	92%
Number of Sheep Shorn <sup>1</sup> ..... (Head)	195,000	180,000	92%
Average Pounds per Fleece <sup>1</sup> ..... (Lbs)	9.0	8.9	99%
Item	December 1, 2017	December 1, 2018	Percent of Previous Year
All Hogs & Pigs ..... (Head)	179,000	192,000	107%
Kept for Breeding ..... (Head)	25,000	33,000	132%
Market ..... (Head)	154,000	159,000	103%
Sows Farrowing Dec-Nov <sup>2</sup> ..... (Head)	47,500	53,000	112%
Pig Crop Dec-Nov <sup>2</sup> ..... (Head)	522,000	581,000	111%
Pigs per litter Dec-Nov <sup>2</sup> ..... (Head)	10.99	10.96	100%

<sup>1</sup> Previous year, January - December.

<sup>2</sup> Previous year, December - November.

## Market-Year-Average Prices Received by Montana Farmers <sup>1</sup>

Item	1995	2000	2005	2010	2015	2016	2017 <sup>2</sup>	2018 <sup>3</sup>
All Wheat .....(Bu)	4.63	3.02	3.63	6.29	4.83	4.43	5.34	5.30
Winter Wheat.....(Bu)	4.62	2.87	3.51	5.81	4.59	3.88	4.76	5.15
Spring Wheat.....(Bu)	4.59	3.03	3.80	6.87	4.80	4.76	6.21	5.50
Durum Wheat .....(Bu)	5.09	3.52	3.45	6.22	6.88	5.93	6.32	5.30
Barley.....(Bu)	3.00	2.38	2.92	4.08	5.82	5.12	4.34	4.70
Oats .....(Bu)	1.75	1.13	1.63	2.66	3.33	3.20	2.86	2.90
Alfalfa Hay .....(Bu)	67.50	86.50	71.00	79.00	125.00	134.00	142.00	148.00
Milk, All .....(Cwt)	13.30	12.80	15.30	16.90	14.90	15.80	17.50	--
Wool..... (Lbs)	1.23	0.37	0.98	1.60	1.90	1.90	1.90	2.50

-- Not Available

<sup>1</sup> Crops are season average prices for each crop's respective marketing year. Other prices are averages weighted by monthly sales.

<sup>2</sup> Revised.

<sup>3</sup> Preliminary.

## Rank & Quantity Produced, Selected Commodities – Montana & United States: 2018

Commodity	Unit	Montana		United States
		Rank	Production	
<b>Field Crops</b>				
Barley.....	(1,000 Bu)	2	33,600	153,082
Beans, Dry Edible.....	(1,000 Cwt)	2	5,214	37,494
Garbanzo Beans.....	(1,000 Cwt)	1	5,138	12,742
Pinto Beans.....	(1,000 Cwt)	8	62	8,792
Dry Edible Peas.....	(1,000 Cwt)	2	5,022	15,929
Austrian Winter Peas.....	(1,000 Cwt)	1	76	124
Canola.....	(1,000 Lbs)	2	131,040	3,616,560
Corn, Grain.....	(1,000 Bu)	38	5,780	14,420,101
Corn, Silage.....	(1,000 Tons)	29	740	121,361
Flaxseed.....	(1,000 Bu)	2	629	4,466
Hay, All.....	(1,000 Tons)	5	5,595	123,600
Hay, Alfalfa.....	(1,000 Tons)	3	3,895	52,634
Hay, Other.....	(1,000 Tons)	17	1,700	70,966
Lentils.....	(1,000 Cwt)	1	4,860	8,408
Oats.....	(1,000 Bu)	15	989	56,130
Potatoes, Fall.....	(1,000 Cwt)	12	3,830	420,281
Safflower.....	(1,000 Lbs)	2	35,640	236,380
Sugarbeets.....	(1,000 Tons)	6	1,319	33,145
Wheat, All.....	(1,000 Bu)	3	197,630	1,884,458
Wheat, Other Spring.....	(1,000 Bu)	2	95,880	623,232
Wheat, Durum.....	(1,000 Bu)	2	23,250	77,287
Wheat, Winter.....	(1,000 Bu)	3	78,500	1,183,939
<b>Livestock <sup>1</sup></b>				
All Cattle & Calves.....	(1,000 Head)	11	2,500	94,760
All Cows <sup>2</sup> .....	(1,000 Head)	9	1,460	41,119
Calf Crop.....	(1,000 Head)	8	1,450	36,403
Beef Cows <sup>2</sup> .....	(1,000 Head)	7	1,448	31,766
Milk Cows <sup>2</sup> .....	(1,000 Head)	37	12	9,353
Milk Production.....	(Mil Lbs)	36	274	217,575
Cattle on Feed.....	(1,000 Head)	23	40	14,371
All Chickens (Excl. Broilers).....	(1,000 Head)	33	1,236	527,573
All Layers.....	(1,000 Head)	33	1,000	396,870
Egg Production <sup>3</sup> .....	(Mil Eggs)	33	293	109,192
All Hogs & Pigs.....	(1,000 Head)	23	192	74,550
Breeding Hogs & Pigs.....	(1,000 Head)	22	33	6,326
Pig Crop <sup>3</sup> .....	(1,000 Head)	23	581	133,176
Market Hogs & Pigs.....	(1,000 Head)	23	159	68,225
Honey Production (2017).....	(1,000 Lbs)	4	10,440	147,638
All Sheep & Lambs.....	(1,000 Head)	8	215	5,230
Breeding Sheep & Lambs.....	(1,000 Head)	7	183	3,820
Lamb Crop.....	(1,000 Head)	7	180	3,235
Market Sheep & Lambs.....	(1,000 Head)	10	32	1,410
Wool Production.....	(1,000 Lbs)	7	1,610	24,400
<b>Miscellaneous</b>				
Farms.....	(Number)	30	26,900	2,029,200
Land in Farms.....	(1,000 Acres)	2	58,000	899,500
Average Size of Farm.....	(Acres)	2	2,156	443

<sup>1</sup> Inventory January 1, 2019 for cattle and sheep; December 1, 2018 for hogs and chickens.

<sup>2</sup> Cows and heifers that have calved.

<sup>3</sup> Pig crop & egg production for the marketing year December 1, 2017-November 30, 2018.