



# MONTANA AGRICULTURAL FACTS 2016



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 59.8 million acres of land in farms and ranches ranks second in the nation behind Texas.

### Montana Population

Total, 2010 Census	989,415
People Per Square Mile	6.8

### Land and Land Utilization <sup>1/</sup>

Montana Total Land Area, Miles	145,522	Sq Miles
Montana Total Land Area, Acres	93,134,579	Acres
All Land in Farms & Ranches	59,758,917	Acres
Proportion of Land in Farms & Ranches	64.2	Percent

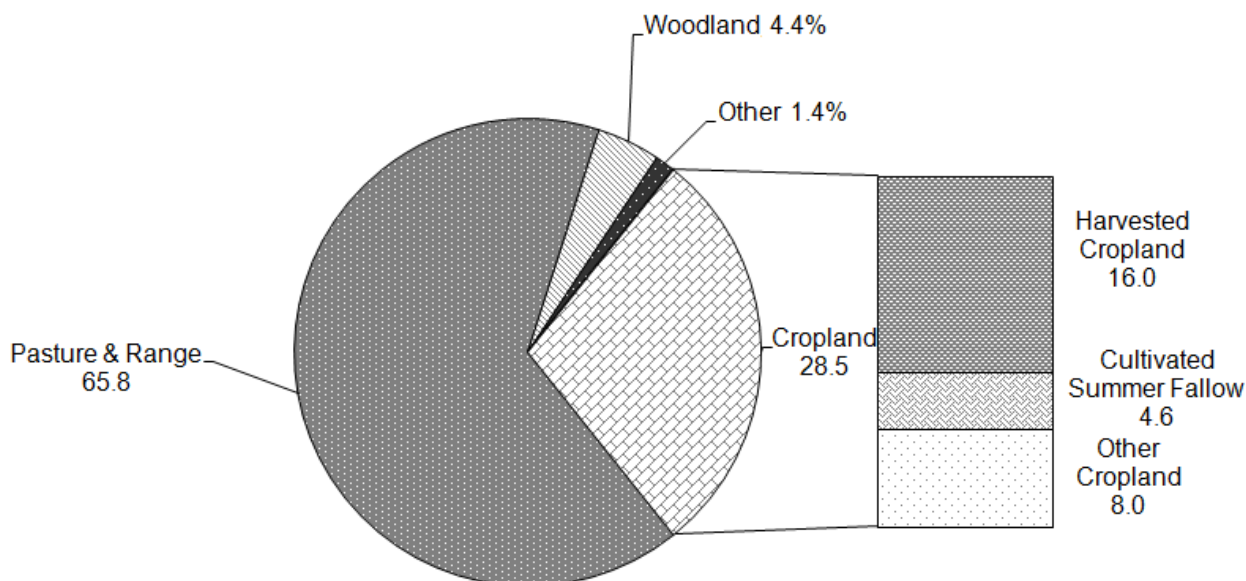
<sup>1/</sup> 2012 U.S. Census of Agriculture.

## Farm Counts and Measurements

Number of Farms and ranches <sup>1/</sup>	27,400	Real Estate Value/Farm or Ranch <sup>3/</sup>	\$1,699,830
Average Size of Farm or Ranch <sup>1/</sup>	2,179 Acres	Average Value Per Acre <sup>4/</sup>	\$900
Total Farm & Ranch Assets <sup>2/,3/</sup>	\$55.9 Bil	Farm & Ranch Debt Per Operation <sup>3/</sup>	\$267,398
Average Value Per Farm or Ranch <sup>3/</sup>	\$2,041,116		

<sup>1/</sup> Places with annual sale of agricultural products of \$1,000 or more, 2016 figure. <sup>2/</sup> Excludes farm operators' household assets and debt. <sup>3/</sup> Source: USDA, Economic Research Service, Farm Sector Balance Sheet, 2016 figures. <sup>4/</sup> Per acre, land and buildings, August 5, 2016.

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



Source: 2012 Census of Agriculture

## Montana Annual Crop Summary, 2015-2016

Crop	Year	Planted Acres (000)	Harvested Acres (000)	Yield per Acre	Production (000)	Season Avg. Price	Value of Production (000)	U.S. Total Production (000)
Winter Wheat (Bu).....	2015	2,350.0	2,220.0	41.0	91,020	\$4.59	\$417,782	1,374,690
	2016	2,250.0	2,150.0	**49.0	**105,350	\$3.90	\$410,865	1,671,532
Durum Wheat (Bu).....	2015	620.0	605.0	31.0	18,755	\$6.88	\$129,034	84,009
	2016	780.0	765.0	**41.0	**31,365	\$6.00	**\$188,190	104,116
Spring Wheat (Bu).....	2015	2,650.0	2,540.0	31.0	78,740	\$4.80	\$377,952	603,240
	2016	2,150.0	2,110.0	36.0	75,960	\$4.60	\$349,416	534,027
All Wheat (Bu).....	2015	5,620.0	5,365.0	35.1	188,515	\$4.83	\$924,768	2,061,939
	2016	5,180.0	5,025.0	**42.3	212,675	\$4.40	\$948,471	2,309,675
Barley (Bu).....	2015	990.0	860.0	52.0	44,720	\$5.82	\$260,270	218,187
	2016	990.0	780.0	60.0	46,800	\$5.20	\$243,360	199,282
Oats (Bu).....	2015	50.0	22.0	53.0	1,166	\$3.33	\$3,883	89,535
	2016	60.0	28.0	47.0	1,316	\$3.40	\$4,474	64,770
Corn for Grain (Bu) <sup>1/</sup> .....	2015	105.0	50.0	110.0	5,500	\$4.01	\$22,055	13,601,964
	2016	115.0	55.0	100.0	5,500	\$4.40	\$24,200	15,148,038
Flaxseed (Bu).....	2015	31.0	30.0	15.0	450	\$9.80	\$4,410	10,095
	2016	29.0	28.0	**22.0	616	\$8.00	\$4,928	8,680
Corn for Silage (Ton).....	2015	--	50.0	23.0	1,150	--	--	127,311
	2016	--	55.0	22.0	1,210	--	--	125,670
Sugar Beets (Ton).....	2015	44.0	43.7	33.0	1,442	\$52.90	\$76,282	35,371
	2016	45.6	45.3	**35.0	**1,586	--	--	36,881
Alfalfa Hay (Ton) <sup>2/</sup> .....	2015	--	1,700.0	2.00	3,400	\$125.00	\$425,000	58,974
	2016	--	1,800.0	2.00	3,600	\$133.00	\$478,800	58,263
Other Hay (Ton) <sup>2/</sup> .....	2015	--	800.0	1.60	1,280	\$117.00	\$149,760	75,528
	2016	--	850.0	**1.80	1,530	\$125.00	**\$191,250	76,518
All Hay (Ton) <sup>2/</sup> .....	2015	--	2,500.0	1.87	4,680	\$124.00	\$574,760	134,502
	2016	--	2,650.0	1.94	5,130	\$131.00	\$670,050	134,781
Sweet Cherries (Ton) <sup>3/, 4/, 5/..</sup>	2015	--	680.0	1.09	740	\$2,530.00	\$1,769	338,430
	2016	--	--	--	--	--	--	318,000
Fall Potatoes (Cwt).....	2015	11.0	10.9	325	3,543	\$13.00	\$46,059	404,701
	2016	11.3	11.2	**340	**3,808	**\$13.00	**\$49,504	405,952
All Dry Beans (Cwt).....	2015	49.0	46.5	13.4	624	\$28.90	\$18,034	30,057
	2016	**103.0	**99.5	16.2	**1,613	\$30.50	**\$49,197	28,712
Pinto Beans (Cwt).....	2015	4.4	4.3	20.0	86	--	--	9,502
	2016	4.0	3.5	23.0	81	--	--	9,638
All Garbanzo Beans (Cwt)....	2015	43.0	40.6	12.7	517	--	--	2,513
	2016	**99.0	**96.0	16.0	**1,532	--	--	5,447
Lentils (Cwt).....	2015	235.0	222.0	11.0	2,442	\$30.30	\$73,993	5,263
	2016	**520.0	**505.0	14.6	**7,373	\$27.70	**\$204,232	12,685
Dry Peas (Cwt).....	2015	595.0	550.0	14.5	7,975	\$11.20	\$89,320	18,283
	2016	**610.0	**580.0	19.5	**11,310	\$10.50	**\$118,755	27,737
Austrian Winter Peas (Cwt)...	2015	15.0	5.0	10.5	53	\$16.00	\$848,000	260
	2016	15.0	7.0	13.0	91	--	--	477
Canola (Lb).....	2015	**82.0	**77.0	1,220	93,940	\$0.13	\$12,588	2,878,470
	2016	62.0	60.0	1,670	100,200	\$0.15	\$14,529	3,075,200
Mustard Seed (Lb).....	2015	23.0	21.0	620	13,020	--	--	26,927
	2016	52.0	50.0	**990	49,500	--	--	96,270
Safflower (Lb).....	2015	50.0	44.0	840	36,960	\$0.24	\$8,870	218,451
	2016	37.0	35.5	810	28,755	--	--	220,090

1/ Planted for all purposes. 2/ Price of baled hay. 3/ Total production. 4/ Value of utilized production. 5/ Sweet Cherry estimates discontinued for Montana in 2015.  
 -- Not Available. \*Record Low. \*\*Record High.

## Selected Montana Livestock

Item	1/1/2016	1/1/2017	Percent of Previous Year
<b>ALL CATTLE and CALVES (Head)..</b>	<b>2,650,000</b>	<b>2,650,000</b>	<b>100%</b>
Cows & Heifers that have calved.....	1,500,000	1,500,000	100%
Beef Cows.....	1,486,000	1,486,000	100%
Milk Cows.....	14,000	14,000	100%
Heifers 500 pounds and over.....	690,000	690,000	100%
For beef cow replacement...	420,000	440,000	105%
For milk cow replacement....	8,000	9,000	113%
Other heifers.....	262,000	241,000	92%
Steers 500 pounds and over.....	230,000	230,000	100%
Bulls 500 pounds and over.....	105,000	100,000	95%
Calves less than 500 pounds.....	125,000	130,000	104%
Cattle on Feed.....	50,000	45,000	90%
	2015	2016	Percent of Previous Year
Calf Crop (Head).....	1,470,000	1,470,000	100%
	1/1/2016	1/1/2017	Percent of Previous Year
<b>ALL SHEEP and LAMBS (Head).....</b>	<b>230,000</b>	<b>230,000</b>	<b>100%</b>
Breeding Sheep.....	210,000	200,000	95%
One Year Old and Older.....			
Ewes.....	159,000	159,000	100%
Rams.....	6,000	6,000	100%
Replacements Lambs.....	45,000	35,000	78%
Market Sheep and Lambs.....	20,000	30,000	150%
Sheep.....	2,000	1,000	50%
Lambs.....	18,000	29,000	161%
	2015	2016	Percent of Previous Year
Lamb crop (Head).....	190,000	190,000	100%
Wool Production (Pounds).....	1,840,000	1,800,000	98%
Number Sheep Shorn (Head).....	205,000	200,000	98%
Average Pounds per Fleece.....	9.0	9.0	100%
	12/1/2015	12/1/2016	Percent of Previous Year
<b>ALL HOGS and PIGS (Head).....</b>	<b>175,000</b>	<b>175,000</b>	<b>100%</b>
Kept for Breeding.....	24,000	24,000	100%
Market .....	151,000	151,000	100%
	2015	2016	Percent of Previous Year
Sows Farrowing Dec-Nov <sup>1/</sup> .....	45,500	47,000	103%
Pig Crop Dec-Nov <sup>1/</sup> .....	488,000	515,000	106%
Pigs per Litter Dec-Nov <sup>1/</sup> .....	10.73	10.96	102%

<sup>1/</sup> Previous year.

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

Item	1995	2000	2005	2010	2013	2014	2015 <sup>2/</sup>	2016 <sup>3/</sup>
	Dollars							
All Wheat (Bu).....	4.63	3.02	3.63	6.29	6.87	6.23	4.83	4.40
Winter Wheat (Bu).....	4.62	2.87	3.51	5.81	7.05	5.86	4.59	3.90
Spring Wheat (Bu).....	4.59	3.03	3.80	6.87	6.70	6.08	4.80	4.60
Durum Wheat (Bu).....	5.09	3.52	3.45	6.22	7.15	9.45	6.88	6.00
Barley (Bu).....	3.00	2.38	2.92	4.08	6.32	5.33	5.82	5.20
Oats (Bu).....	1.75	1.13	1.63	2.66	2.87	3.30	3.33	3.40
Alfalfa Hay (Ton).....	67.50	86.50	71.00	79.00	141.00	127.00	125.00	133.00
Beef Cattle (Cwt).....	59.80	78.30	104.00	90.10	4/	4/	4/	4/
Steers & Heifers (Cwt).....	66.70	88.30	114.00	107.00	4/	4/	4/	4/
Beef Cows (Cwt).....	37.90	39.50	55.10	54.90	4/	4/	4/	4/
Calves (Cwt).....	69.50	103.00	138.00	128.00	4/	4/	4/	4/
Sheep (Cwt).....	26.80	31.40	43.30	49.00	4/	4/	4/	4/
Lambs (Cwt).....	81.40	84.50	124.00	136.00	4/	4/	4/	4/
Hogs, All (Cwt).....	39.10	39.80	53.10	52.00	4/	4/	4/	4/
Milk, All (Cwt).....	13.30	12.80	15.30	16.90	18.70	22.00	14.90	--
Wool (Lb).....	1.23	0.37	0.98	1.60	2.20	2.05	1.90	1.90

<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.

<sup>4/</sup> Livestock price estimation discontinued in 2011. -- Not available.

## Montana's Rank in the Nation's Agriculture

ITEM	TOTAL	PERIOD OR DATE	RANK	% U.S. TOTAL
Number of farms and ranches .....	27,400	2016	30	1.3
Land in farms and ranches (Acres).....	59,700,000	2016	2	6.6
Average Farm Size (Acres).....	2,179	2016	2	N/A
Total (000 Dollars).....	3,753,582	2015	30	1.0
Crops (000 Dollars).....	1,884,106	2015	29	1.0
Livestock (000 Dollars).....	1,869,476	2015	28	1.1
All Cattle and Calves (Head).....	2,650,000	Jan. 1, 2017	11	2.8
All Cows (Head).....	1,500,000	Jan. 1, 2017	9	3.7
Beef Cows (Head).....	1,486,000	Jan. 1, 2017	7	4.8
Milk Cows (Head).....	14,000	Jan. 1, 2017	37	0.2
Cattle on Feed (Head).....	45,000	Jan. 1, 2017	23	0.3
All Sheep and Lambs (Head).....	230,000	Jan. 1, 2017	8	4.4
Breeding Sheep (Head).....	200,000	Jan. 1, 2017	5	5.2
Hogs and Pigs (Head).....	175,000	Dec. 1, 2016	23	0.3
Chickens (Head).....	538,000	Dec. 1, 2016	33	0.1
Calf Crop (Head).....	1,470,000	2016	8	4.2
Lamb Crop (Head).....	190,000	2016	6	5.9
Pig Crop (Head).....	515,000	2016	23	0.4
Wool Production (Lb).....	1,800,000	2016	5	7.0
Egg Production .....	135,900,000	2016	33	0.1
Honey Production (Lb).....	12,243,000	2016	3	7.6
All Wheat (Bu).....	212,675,000	2016	3	9.2
Winter Wheat (Bu).....	105,350,000	2016	4	6.3
Durum Wheat (Bu).....	31,365,000	2016	2	30.1
Other Spring Wheat (Bu).....	75,960,000	2016	2	14.2
Barley (Bu).....	46,800,000	2016	2	23.5
Oats (Bu).....	1,316,000	2016	15	2.0
All Hay (Ton).....	5,130,000	2016	9	3.8
Alfalfa Hay (Ton).....	3,600,000	2016	3	6.2
Other Hay (Ton).....	1,530,000	2016	17	2.0
All Dry Beans (Cwt).....	1,613,000	2016	7	5.6
Pinto Beans (Cwt).....	81,000	2016	8	0.8
Garbanzo Beans (Cwt).....	1,532,000	2016	2	28.1
Lentils (Cwt).....	7,373,000	2016	1	58.1
Dry Edible Peas (Cwt).....	11,310,000	2016	2	40.8
Austrian Winter Peas (Cwt).....	91,000	2016	2	19.1
Fall Potatoes (Cwt).....	3,808,000	2016	11	0.9
Sugar Beets (Ton).....	1,586,000	2016	5	4.3
Flaxseed (Bu).....	616,000	2016	2	7.1
Safflower (Lb).....	28,755,000	2016	2	13.1
Canola (Lb).....	100,200,000	2016	3	3.3
Corn for Grain (Bu).....	5,500,000	2016	39	1/
Corn for Silage (Ton).....	1,210,000	2016	24	1.0

-- Not Available. 1/ Less than one-tenth of one percent.