



MONTANA AGRICULTURAL FACTS 2021



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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Montana Facts and Figures

Montana's 2020 population, at 1,084,225, was up 9.6 percent from 2010. Population density, measured in people per square mile, was 7.4 in 2020 - eighth lowest in the United States. Montana's 58.1 million acres of land in farms and ranches ranks second in the nation behind Texas.

Montana Population ¹		Land and Land Utilization	
Total, 2020 Census	1,084,225	Montana Total Land Area, Square Miles ¹	145,546
People Per Square Mile	7.4	Montana Total Land Area, Acres ¹	93,149,312
		All Land in Farms & Ranches, Acres ²	58,122,878
		Proportion of Land in Farms & Ranches ²	62.4%

¹ 2020 U.S. Population Census.

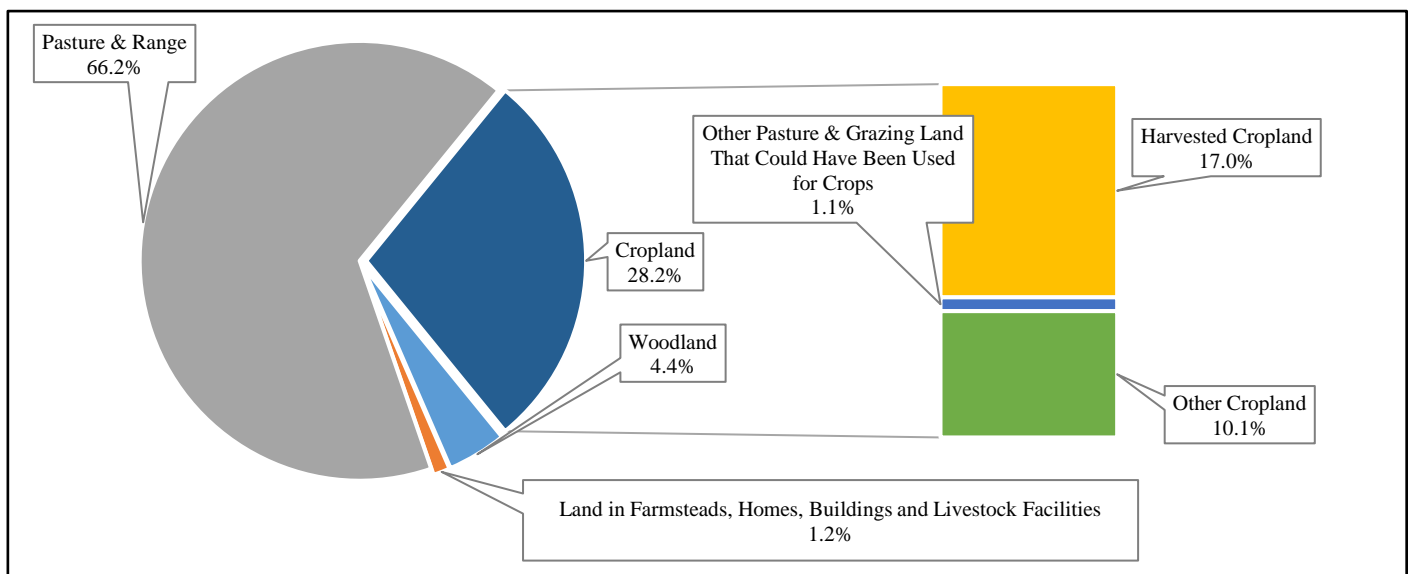
² 2017 U.S. Census of Agriculture.

Farm Financial Indicators ¹			(1,000)	
Number of Farms & Ranches	27,100		Value of Crop Production ²	\$2,156,869
Average Size of Farm or Ranch	2,137	Acres	Value of Animals & Products Production ²	\$1,457,072
Gross Farm Income ²	\$4.72	Billion	Farm-Related Income ²	\$1,007,943
Value of Agriculture Sector Production ²	\$4.38	Billion	Net Farm Income ²	\$1,471,428

¹ Places with annual sales of agricultural products of \$1,000 or more.

² Source: USDA, Economic Research Service, Farm Financial Indicators State Rankings, February 4, 2022.

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



Source: 2017 Census of Agriculture

Montana Annual Crop Summary, 2020 & 2021

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)							
2020	1,550.0	1,490.0	51.0	75,990	5.05	383,750	1,171,397
2021	1,950.0	1,730.0	31.0	53,630	7.30	391,499	1,277,365
Durum Wheat (Bu)							
2020	695.0	690.0	39.0	26,910	5.78	155,540	69,141
2021	670.0	635.0	16.0	10,160	12.20	123,952	37,259
Spring Wheat (Bu)							
2020	3,350.0	3,310.0	38.0	125,780	5.30	666,634	587,505
2021	2,900.0	2,180.0	17.0	37,060	8.55	316,863	331,140
All Wheat (Bu).....							
2020	5,595.0	5,490.0	41.7	228,680	5.24	1,198,283	1,828,043
2021	5,520.0	4,545.0	22.2	100,850	8.40	847,140	1,645,764
Barley (Bu)							
2020	970.0	790.0	63.0	49,770	4.40	218,988	170,813
2021	940.0	625.0	38.0	23,750	5.15	122,312	117,673
Oats (Bu)							
2020	75.0	41.0	45.0	1,845	3.12	5,756	65,694
2021	60.0	16.0	35.0	560	3.85	2,156	39,836
Corn for Grain (Bu) ¹							
2020	115.00	61.0	109.0	6,649	4.40	29,256	14,111,449
2021	120.00	60.0	100.0	6,000	5.30	31,800	15,115,170
Corn for Silage (Ton).....							
2020	--	51.0	21.0	1,071	--	--	137,675
2021	--	48.0	18.0	864	--	--	130,317
Flaxseed (Bu)							
2020	105.0	102.0	16.0	1,632	10.50	17,136	5,706
2021	135.0	97.0	5.0	485	24.90	12,077	2,708
Sugar Beets (Ton).....							
2020	43.6	38.1	31.3	1,193	47.20	56,310	33,610
2021	43.7	43.5	29.8	1,296	--	--	36,751
Alfalfa Hay (Ton) ²							
2020	--	1,900.0	2.20	4,180	132.00	551,760	53,067
2021	--	1,550.0	1.70	2,635	214.00	563,890	49,245
Other Hay (Ton) ²							
2020	--	960.0	1.80	1,728	128.00	221,184	73,745
2021	--	740.0	1.30	962	199.00	191,438	70,951
All Hay (Ton) ²							
2020	--	2,860.0	2.07	5,908	131.00	773,948	126,812
2021	--	2,290.0	1.57	3,597	211.00	758,967	120,196
Chickpeas (Cwt).....							
2020	106.0	104.0	1,470.0	1,528	21.20	32,394	4,087
2021	175.0	159.5	700.0	1,110	38.80	43,068	2,861
Lentils (Cwt)							
2020	370.0	360.0	1,480.0	5,328	17.80	94,838	7,398
2021	530.0	380.0	530.0	2,014	31.50	63,441	3,327
Dry Edible Peas (Cwt).....							
2020	495.0	478.0	2,070.0	9,895	8.87	87,769	21,629
2021	570.0	448.0	740.0	3,315	16.80	55,692	8,549
Canola (Lb).....							
2020	155.0	149.0	1,620.0	241,380	15.80	38,138	3,453,062
2021	185.0	161.0	900.0	144,900	21.90	31,733	2,720,550
Safflower (Lb).....							
2020	49.0	44.0	930.0	40,920	19.20	7,857	152,125
2021	40.0	33.0	570.0	18,810	23.30	4,383	135,175

-- Not Available

¹ Planted for all Purposes.

² Price of baled hay.

Selected Montana Livestock

Item	January 1, 2021	January 1, 2022	Percent of Previous Year
All Cattle & Calves..... (Head)	2,450,000	2,200,000	90%
Cows & Heifers That Have Calved (Head)	1,400,000	1,310,000	94%
Beef Cows (Head)	1,389,000	1,299,000	94%
Milk Cows (Head)	11,000	11,000	100%
Heifers 500 Pounds & Over			
For Beef Cow Replacement..... (Head)	380,000	330,000	87%
For Milk Cow Replacement..... (Head)	4,000	4,000	100%
Other Heifers (Head)	216,000	176,000	81%
Steers 500 Pounds & Over..... (Head)	250,000	205,000	82%
Bulls 500 Pounds & Over (Head)	100,000	95,000	95%
Calves Less Than 500 Pounds (Head)	100,000	80,000	80%
Cattle On Feed..... (Head)	53,000	43,000	81%
Calf Crop ¹ (Head)	1,390,000	1,310,000	94%

Item	January 1, 2021	January 1, 2022	Percent of Previous Year
All Sheep & Lambs..... (Head)	200,000	190,000	95%
Breeding Sheep (Head)	173,000	161,000	93%
One Year Old & Older			
Ewes (Head)	130,000	122,000	94%
Rams..... (Head)	6,000	5,000	83%
Replacement Lambs (Head)	37,000	34,000	92%
Market Sheep & Lambs..... (Head)	27,000	29,000	107%
Sheep..... (Head)	2,000	1,000	50%
Lambs (Head)	25,000	28,000	112%
Lamb Crop ¹ (Head)	169,000	158,000	93%
Wool Production ¹ (Lbs)	1,560,000	1,490,000	96%
Number of Sheep Shorn ¹ (Head)	180,000	170,000	94%
Average Pounds per Fleece ¹ (Lbs)	8.7	8.8	101%

Item	December 1, 2020	December 1, 2021	Percent of Previous Year
All Hogs & Pigs (Head)	205,000	225,000	110%
Kept for Breeding (Head)	41,000	47,000	115%
Market (Head)	164,000	178,000	109%
Sows Farrowing Dec-Nov ¹ (Head)	69,500	83,000	119%
Pig Crop Dec-Nov ¹ (Head)	767,000	988,000	129%
Pigs per litter Dec-Nov ¹ (Head)	11.00	11.90	108%

¹ Results are from one year previous to column header.

Market-Year-Average Prices Received by Montana Farmers ¹

Item	1995	2000	2005	2010	2018	2019	2020 ²	2021 ³
All Wheat..... (Bu)	4.63	3.02	3.63	6.29	5.24	4.69	5.24	8.40
Winter Wheat (Bu)	4.62	2.87	3.51	5.81	5.13	4.55	5.05	7.30
Spring Wheat (Bu)	4.59	3.03	3.80	6.87	5.37	4.81	5.30	8.55
Durum Wheat..... (Bu)	5.09	3.52	3.45	6.22	5.34	4.84	5.78	12.20
Barley (Bu)	3.00	2.38	2.92	4.08	4.62	4.43	4.40	5.15
Oats (Bu)	1.75	1.13	1.63	2.66	2.71	3.14	3.12	3.85
Alfalfa Hay..... (Bu)	67.50	86.50	71.00	79.00	148.00	143.00	132.00	214.00
Milk, All..... (Cwt)	13.30	12.80	15.30	16.90	16.00	18.30	18.60	--
Wool (Lbs)	1.23	0.37	0.98	1.60	2.50	2.50	2.20	2.20

-- Not Available

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

² Revised.

³ Preliminary.

Rank in Agriculture: Montana's Rank among States, 2021

Commodity	Unit	Montana		Leading State		United States
		Rank	Production	State	Production	
Field Crops						
Barley.....	(1,000 Bu)	2	23,750	Idaho	43,610	117,673
Lentils.....	(1,000 Cwt)	1	2,014	Montana	2,014	3,327
Dry Edible Peas.....	(1,000 Cwt)	2	3,315	North Dakota	3,582	8,549
Chickpeas	(1,000 Cwt)	1	1,110	Montana	1,110	2,861
Small Chickpeas	(1,000 Cwt)	2	105	Washington	116	404
Large Chickpeas	(1,000 Cwt)	1	1,005	Montana	1,005	2,457
Canola.....	(1,000 Lbs)	2	144,900	North Dakota	2,304,800	2,720,550
Corn, Grain.....	(1,000 Bu)	39	6,000	Iowa	2,552,250	15,115,170
Corn, Silage	(1,000 Tons)	27	864	Wisconsin	19,135	130,317
Flaxseed	(1,000 Bu)	2	485	North Dakota	2,223	2,708
Hay, All.....	(1,000 Tons)	12	3,597	Texas	10,715	120,196
Hay, Alfalfa	(1,000 Tons)	7	2,635	Idaho	3,936	49,245
Hay, Other	(1,000 Tons)	23	962	Texas	10,175	70,951
Oats	(1,000 Bu)	19	560	Minnesota	4,389	39,836
Safflower.....	(1,000 Lbs)	2	18,810	California	82,950	135,175
Sugarbeets.....	(1,000 Tons)	6	1,296	Minnesota	12,276	36,751
Wheat, All.....	(1,000 Bu)	4	100,850	Kansas	364,000	1,645,764
Wheat, Other Spring.....	(1,000 Bu)	3	37,060	North Dakota	174,535	331,140
Wheat, Durum	(1,000 Bu)	2	10,160	North Dakota	19,680	37,259
Wheat, Winter.....	(1,000 Bu)	6	53,630	Kansas	364,000	1,277,365
Livestock ¹						
All Cattle & Calves.....	(1,000 Head)	13	2,200	Texas	12,700	91,902
All Cows ²	(1,000 Head)	9	1,310	Texas	5,100	39,500
Calf Crop	(1,000 Head)	9	1,310	Texas	4,600	35,085
Beef Cows ²	(1,000 Head)	7	1,299	Texas	4,475	30,125
Milk Cows ²	(1,000 Head)	36	11	California	1,720	9,375
Milk Production	(Mil Lbs)	36	243	California	41,864	226,258
Cattle on Feed ³	(1,000 Head)	22	43	Texas	2,930	14,693
All Chickens (Excl Broilers)	(1,000 Head)	32	1,564	Iowa	60,133	522,704
All Layers.....	(1,000 Head)	32	1,206	Iowa	49,741	393,078
Egg Production ⁴	(Mil Eggs)	31	363	Iowa	14,980	110,729
All Hogs & Pigs.....	(1,000 Head)	21	225	Iowa	23,800	74,201
Breeding Hogs & Pigs.....	(1,000 Head)	20	47	Iowa	920	6,180
Pig Crop ⁴	(1,000 Head)	20	988	Iowa	23,006	132,904
Market Hogs & Pigs.....	(1,000 Head)	21	178	Iowa	22,880	68,021
Honey Production.....	(1,000 Lbs)	7	6,669	North Dakota	28,325	126,466
All Sheep & Lambs.....	(1,000 Head)	8	190	Texas	700	5,065
Breeding Sheep & Lambs	(1,000 Lambs)	7	161	Texas	550	3,710
Lamb Crop	(1,000 Head)	7	158	Texas	350	3,160
Market Sheep & Lambs	(1,000 Head)	11	29	California	250	1,355
Wool Production	(1,000 Lbs)	6	1,490	California	2,190	22,451
Miscellaneous						
Farms.....	(Number)	30	27,100	Texas	247,000	2,012,050
Land in Farms	(1,000 Acres)	2	57,900	Texas	126,000	895,300
Average Size of Farm.....	(Acres)	2	2,137	Wyoming	2,377	445

¹ Inventory January 1, 2022 for cattle and sheep; December 1, 2021 for hogs and chickens.

² Cows and heifers that have calved.

³ Feedlots greater than 1,000 head.

⁴ Pig crop & Egg production for the marketing Year December 1, 2020-November 30, 2021.