

West Virginia
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2021





The United States of America produces a wide variety of foods each year as it continues to serve as the world's largest food exporter. As it has been highlighted during the COVID-19 pandemic, a safe, reliable food system is one of the greatest benefits American citizens enjoy. However, our people are the farthest removed from the farm as they ever have been. With the downturn within the fossil fuels industry, our great state is at an economic crossroads. It is time our state's leaders take a real look at diversifying our economy to move West Virginia forward.

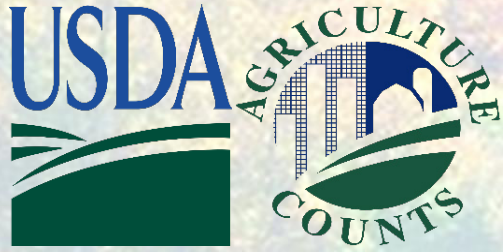
The citizens of the Mountain State consume over \$8 billion worth of food every year, despite the fact we only produce about \$800 million. Agriculture can and will be part of the solution to stabilize and grow our economy with the right plan in place. Measuring and studying our agriculture output is extremely important not only for today, but for our future as well. Without knowing where we have been, it is difficult to know where we need to go.

The U.S. Department of Agriculture's National Agricultural Statistics Service-West Virginia (NASS-WV) Field Office gathers, analyzes and distributes this information through this publication. Their work began nearly at the founding of our nation, and it is important for our state's and country's future that it continues today.

This booklet is a wealth of data on an industry that touches all our lives. I hope you find it as interesting and useful as I do.

Semper Fi,

Kent Leonhardt, West Virginia Commissioner of Agriculture



The U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS) is very happy to present the 2021 West Virginia Annual bulletin. NASS is still dedicated in making sure that the agriculture community has the necessary tools to continue to make very important decisions for the State of West Virginia.

At NASS, we pride ourselves in collecting, analyzing, and disseminating county, state and national level statistics to our local, state, and national decision-makers who provide programs and establish policy for our agricultural communities. This is why it is so important for producers and Agricultural businesses to report on our surveys. By reporting, it gives you the opportunity to let your voice be heard and to become an advocate for West Virginia agriculture. No one knows West Virginia agriculture like West Virginia producers.

Thomas Jefferson once said, "Agriculture is our wisest pursuit, because it will in the end contribute most to real wealth, good morals, and happiness." In my job today, "**Real Wealth**" is having an abundance of valuable resources to make important decisions; "**Good Morals**" is having quality and strong principles when providing timely, accurate, and useful statistics to U.S. agriculture, and "**Happiness**" is having the pleasure to know that the decisions made on your behalf are beneficial not only to West Virginia producers, but to all American producers.

To all West Virginia Producers – Thank You!

Charmaine A. Wilson

A handwritten signature in cursive script that reads "Charmaine Wilson". The signature is written in a dark ink and is positioned below the printed name.

State Statistician, West Virginia Field Office



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U.S. Department of Agriculture

National Agricultural Statistics Service

Mission

The National Agricultural Statistics Service provides timely, accurate, and useful statistics in service to U.S. agriculture.

Core Values

- **Trust**

Trust among Data Providers - NASS will continue the relationship of mutual respect and our legal pledge of confidentiality with our respondents who provide their personal and agricultural data in support of U.S. agriculture.

- **Credibility**

Credibility among Data Users - NASS will maintain credibility with our data users by issuing complete and accurate statistical information about agriculture.

- **Objectivity**

Objectivity of Statistics - NASS will produce and disseminate statistical information on an equitable and transparent basis so that the public understands that the data are objective and impartial.

- **Relevance**

Relevance to Policy Issues - We will remain knowledgeable about the issues and requirements of the agriculture industry, public policy and Federal programs and will remain able to provide objective, accurate, and timely information relevant to those needs.

- **Commitment**

Commitment to Service - Each USDA NASS employee and representative is committed to these core values and takes great pride in working together to serve American farmers and ranchers, rural communities, and all who rely on the information we produce.

West Virginia Department of Agriculture

Mission

The mission of the West Virginia Department of Agriculture is to protect plant, animal and human health and the state's food supply through a variety of scientific and regulatory programs; to provide vision, strategic planning and emergency response for agricultural and other civil emergencies; to promote industrial safety and protect consumers through educational and regulatory programs; and to foster economic growth by promoting West Virginia agriculture and agribusinesses throughout the state and abroad.

**West Virginia Field Office
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Statistical Reports Program

The National Agricultural Statistics Service (NASS) is an agency within the United States Department of Agriculture (USDA). The agency's primary responsibility is to prepare official estimates of agriculture for the nation, and for each state. There are 45 field offices that serve all 50 states. Each state is part of a regional field office. The West Virginia Field Office is part of the Eastern Mountain Regional Field Office located in Louisville, Kentucky. The West Virginia State Field Office is located in Charleston, West Virginia, and is considered a Division within the West Virginia Department of Agriculture. This relationship with the West Virginia Department of Agriculture is through a cooperative agreement that provides a working environment for joining the resources and facilities of the USDA and the State of West Virginia to accomplish mutually beneficial tasks. Field offices collect, verify, and analyze data which are used to prepare statistical estimates. Survey data are collected and summarized at the state level to provide statistical indications. These indications are analyzed by statisticians in each state office and/or the regional field office, who then make recommendations to the national headquarters in Washington, D.C. Statisticians in headquarters review the state recommendations and issue the state and national estimates to the public on scheduled dates throughout the year. About 400 national and 9,000 state reports are issued annually. Farmers, ranchers and agribusinesses are the grassroots source of information, collected through voluntary surveys conducted by each state office throughout the year. Thanks and appreciation go to the many West Virginia farmers and agribusinesses who take the time to provide the data to make these reports possible. Cooperative agreements with state governments also permit preparation and publication of county-level estimates of crops and livestock for many states. In addition, many field offices conduct surveys for other government agencies and private organizations. The USDA/NASS West Virginia Field Office publishes several reports which are available by subscription. These reports include: weekly information on crop development, published on Mondays throughout the growing season, crop acreage, yield, production, livestock data, and an annual bulletin which includes county level data for major commodities. Most of the estimates are published by the field office during the year, and presents multiple years of data for most series (not available by E-mail). These reports are free and available on the internet at https://www.nass.usda.gov/Statistics_by_State/West_Virginia/index.php, or by writing to: State Statistician, Agricultural Statistics, 1900 Kanawha Blvd. E. Charleston, WV 25305 or E-mail to: nass-wv@nass.usda.gov. Current and historical data series can be found at <https://quickstats.nass.usda.gov/>. For additional information regarding West Virginia agricultural statistics, please email the West Virginia Field Office at nass-wv@nass.usda.gov.

Type of Report	Frequency of Report	Approximate Date Available
Crop Reports		
Acreage Report	Annually	Last Week in June
Annual Crop Production	Annually	Second Week in January
August 1 Crop Production	Annually	Second Week in August
May Crop Production	Annually	Second Week in May
October Crop Production	Annually	Second Week of October
Prospective Plantings	Annually	Last Week in March
Value of Production of Crops	Annually	Third Week in February
Crop Weather Reports		
	Weekly (Monthly Dec. to March)	Monday, 4:00 p.m.
Livestock Reports		
Cattle Inventory and Calf Crop	Annually	Last Week in January
Commercial Slaughter	Annually	Third Week in April
Hog and Pig Inventory and Pig Crop	Annually	Third Week in December
Meat Animals Production, Disposition, and Income	Annually	Last Week in April
Red Meat Production	Monthly	Third Week of Each Month
Sheep and Goats Inventories	Annually	Last Week in January
Dairy Reports		
Cows Milked and Milk Production	Quarterly	Third Week in Jan., April, July and Oct.
Milk Production, Disposition, and Income	Annually	Last Week in April
Poultry Reports		
Chickens and Eggs Summary	Annually	Last Week in February
Poultry Production and Value	Annually	Last Week in April
Turkeys Raised	Annually	Last Week in September
Specialty Reports		
Honey Bee Colonies	Annually	First Week in August
Honey Production	Annually	Third Week in March
Maple Syrup Production ^{1/}	Annually	Second Week in June
Mountain State Reporter ^{2/}	Monthly	Last Week of Each Month
Trout Production	Annually	Last Week in February
Economic Reports		
Farm Cash Receipts ^{3/}	Annually	First Week in September
Number of Farms and Land in Farms	Annually	Third Week in February

^{1/} Data are released by the West Virginia Department of Agriculture in cooperation with NASS. ^{2/} Mountain State Reporter is a compilation of monthly National Agricultural Statistics Service (NASS) releases. ^{3/} The Economic Research Service (ERS) reports these data annually.

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Note: Revision policy - Estimates contained in this bulletin may be revised if new information is available that would justify a change. Estimates will also be reviewed after data for the 5-year Census of Agriculture are available; no revisions will be made after that date.

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AGRICULTURAL WEBSITES



West Virginia Agencies

West Virginia Department of Agriculture <https://agriculture.wv.gov/>
West Virginia Farm Service Agency <https://www.fsa.usda.gov/wv>
West Virginia Field Office, USDA, NASS <https://www.nass.usda.gov/wv/>
West Virginia FFA Association <http://www.wvffa.net/>
West Virginia Natural Resources Conservation Service <https://www.wv.nrcs.usda.gov/>
West Virginia Rural Development <https://www.rd.usda.gov/wv>

Extension Service

West Virginia University Extension Service <https://extension.wvu.edu/>
West Virginia State University Extension Service <https://www.wvstateu.edu/extension>

USDA Agencies

Agricultural Research Service, USDA <https://www.ars.usda.gov/>
Economic Research Service, USDA <https://www.ers.usda.gov/>
National Agricultural Library <https://www.nal.usda.gov/>
National Agricultural Statistics Service, USDA <https://www.nass.usda.gov/>
United States Census of Agriculture <https://www.agcensus.usda.gov/>
United States Department of Agriculture <https://www.usda.gov/>
World Agricultural Outlook Board, USDA, OCE <https://www.usda.gov/oce/commodity-markets/waob>

Other Federal Agencies

Centers for Disease Control and Prevention <https://www.cdc.gov/>
National Weather Service (Charleston, WV) <https://www.weather.gov/rlx/>
United States Government Export Portal <https://export.gov/>
United States Government's Official Web Portal <https://www.usa.gov/>



GENERAL



2017 CENSUS OF AGRICULTURE

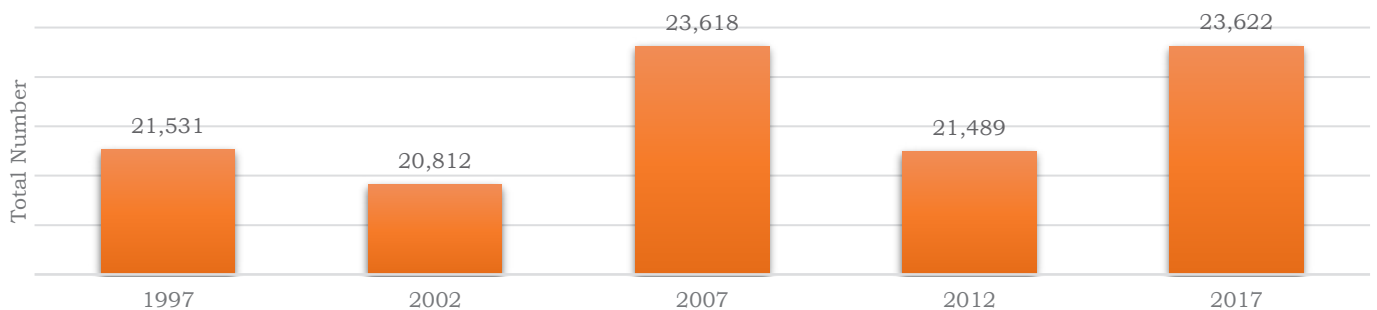
YOUR VOICE. YOUR FUTURE. YOUR OPPORTUNITY.

2017 Census of Agriculture State Profile, Total and per Farm Overview, and change since 2012

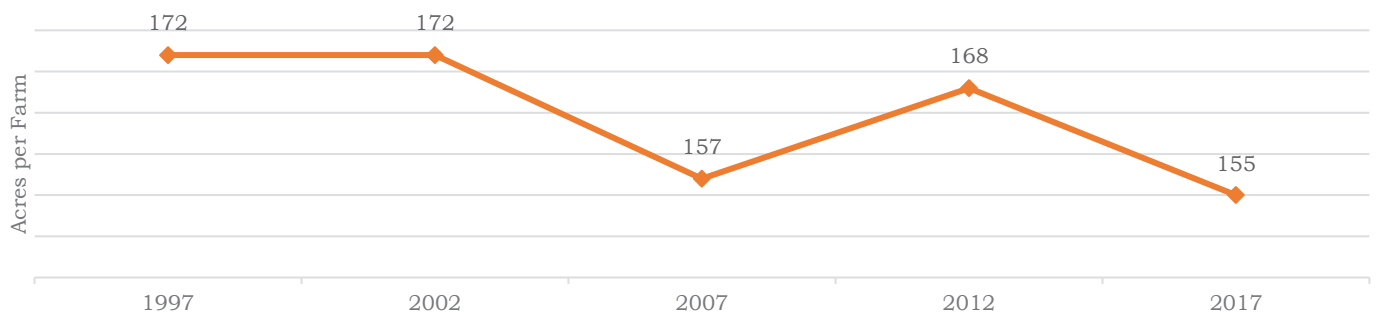
	2017	% change since 2012		Number	Percent of Total ^{1/}
Number of Farms	23,622	+10	Farms by Value of Sales		
Land in farms (acres)	3,662,178	+2	Less than \$2,500	11,052	47
Average size of farm (acres)	155	-8	\$2,500 to \$4,999	3,585	15
Total	(000 Dollars)		\$5,000 to \$9,999	3,600	15
Market value of products sold	754,279	-7	\$10,000 to \$24,999	2,871	12
Government payments	9,094	+29	\$25,000 to \$49,999	1,217	5
Farm-related income	42,013	+81	\$50,000 to \$99,999	474	2
Total farm production expenses ...	671,326	-12	\$100,000 or more	823	3
Net cash farm income	134,060	+80			
Per farm average	(Dollars)		Farms by Size		
Market value of products sold	31,931	-15	1 to 9 acres	1,928	8
Government payments	4,853	+51	10 to 49 acres	6,280	27
Farm-related income	7,905	+54	50 to 179 acres	9,795	41
Total farm production expenses ...	28,420	-20	180 to 499 acres	4,270	18
Net cash farm income	5,675	+64	500 to 999 acres	988	4
			1,000+ acres	361	2

See 2017 Census of Agriculture, U.S. Summary and State Data, for complete footnotes, explanations, definitions, commodity descriptions and methodology. ^{1/} Totals may not add due to rounding.

**Number of Farms
1997-2017**



**Average Farm Size
1997-2017**



2017 Census of Agriculture State Profile, Market Value of Agricultural Products Sold

	Sales	Rank in U.S. ^{1/}	States Producing Item	
Total	(000 dollars) 754,279	42	50	Share of Sales by Type (%)
Crops	153,117	47	50	Crops
Grains, oilseeds, dry beans, dry peas	36,775	42	50	Livestock, poultry, and products
Tobacco.....	(D)	17	18	
Cotton and cottonseed	-	-	17	Land in Farms by Use (acres)
Vegetables, melons, potatoes, sweet potatoes	10,568	46	50	Cropland
Fruits, tree nuts, berries	22,267	30	50	Pastureland
Nursery, greenhouse, floriculture, sod	32,516	41	50	Woodland
Cultivated Christmas trees, short rotation woody crops	(D)	27	50	Other
Other crops and hay	49,804	40	50	
Livestock, poultry, and products	601,162	40	50	Top Counties:
Poultry and eggs	387,884	25	50	Land in Farms (acres)
Cattle and calves	171,784	38	50	Greenbrier
Milk from cows	22,819	43	50	Pendleton
Hogs and pigs	1,316	43	50	Hardy
Sheep, goats, wool, mohair, milk.....	4,951	35	50	Monroe
Horses, ponies, mules, burros, donkeys	6,437	39	50	Preston
Aquaculture	4,306	38	50	
Other animals and animal products.....	1,666	46	50	

^{1/} Among states whose rank can be displayed. (D) Withheld to avoid disclosing data for individual operations. (-) Represents zero.

Total Producers ^{1/}	38,123	Percent of Farms that:	Top Crops in Acres ^{2/}
Sex		Have internet access	Forage (hay/haylage), all
Male	24,625	➤ 70	Corn for grain
Female	13,498		Soybeans for beans
Age		Farm organically	Corn for silage or greenchop
Less than 35	3,215	➤ (D)	Wheat for grain, all
35 to 64	21,575		
65 and older	13,333		Livestock Inventory (Dec. 31, 2017)
Race		Sell directly to consumers	Broilers and other meat-type chickens
American Indian/Alaska Native	81	➤ 7	Cattle and calves
Asian	53		Goats
Black or African American	35		Hogs and pigs
Native Hawaiian/Pacific Islander	6		Horses and ponies
White	37,730	Hire farm labor	Layers
More than one race	218	➤ 13	Pullets
Other characteristics		Are family farms	Sheep and lambs
Hispanic, Latino, Spanish origin	388	➤ 98	Turkeys
With military service	5,160		
New and beginning farmers	11,835		

^{1/} Data collected for a maximum of four producers per farm. ^{2/} Crop commodity names may be shortened; see full names at www.nass.usda.gov/go/cropnames.pdf. (D) Withheld to avoid disclosing data for individual operations.





WEST VIRGINIA: Summary of Crops, Farms, and Livestock Inventory

Crops

Field Crops	2019			2020		
	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Production
All hay	515,000	1.74 tons	894,000 tons	540,000	1.92 tons	1,035,000 tons
Alfalfa hay	15,000	2.90 tons	44,000 tons	10,000	2.80 tons	28,000 tons
All other hay	500,000	1.70 tons	850,000 tons	530,000	1.90 tons	1,007,000 tons
Corn for grain	38,000	165.00 bu.	6,270,000 bu.	38,000	144.00 bu.	5,472,000 bu.
Corn for silage	12,000	20.00 tons	240,000 tons	12,000	19.00 tons	228,000 tons

Farms

	2019	2020
Number of Farms	22,900	22,800
Total Acres	3.50 million	3.50 million
Average acres per farm	153	154

Livestock

	January 2020	January 2021
Cattle and Calves		
All Cattle and Calves	395,000	375,000
Beef cows	199,000	190,000
Milk cows	6,000	5,000
Steers 500 pounds and over	44,000	44,000
Bulls 500 pounds and over	15,000	14,000
Calves less than 500 pounds	72,000	66,000
Cattle on feed	4,000	5,000
Calf crop	(2019) 195,000	(2020) 175,000
Sheep and Lambs		
All Sheep and Lambs	33,000	30,000
Breeding	27,000	26,000
Ewes, One year and older	22,000	21,000
Rams	1,500	1,500
Replacement lambs	3,500	3,500
Market sheep and lambs	6,000	4,000
Lamb crop	(2019) 28,000	(2020) 25,000
Lambing rate per 100 ewes	(2019) 133	(2020) 114
Goats ^{1/}		
Meat and other	18,000	19,000
Hogs and Pigs		
	December 2019	December 2020
All Hogs and Pigs	3,000	3,000
Breeding	1,000	1,000
Annual pig crop	5,400	4,900
Sows farrowing	700	600
Pigs per litter	7.71	8.17
Poultry		
	2019	2020
Broilers produced	75,500,000	70,200,000
Layer numbers (average during the year)	1,269,000	1,261,000
Turkeys raised	3,400,000	3,900,000

^{1/} Milk goats are included in 'Other States' total in the *Sheep and Goats* report released on January 29, 2021.

West Virginia's Rank in the Nation's Agriculture – 2020

Commodity	Unit	West Virginia			Leading State
		Rank ^{1/}	Production	Value of Production (Dollars)	
Field Crops					
Corn, grain	(Bu.)	40	5,472,000	22,435,000	Iowa
Corn, silage	(Tons)	39	228,000	^{3/}	Wisconsin
Hay, alfalfa	(Tons)	34	28,000	5,376,000	Idaho
Hay, all	(Tons)	35	1,035,000	123,195,000	Texas
Hay, other	(Tons)	22	1,007,000	117,819,000	Texas
Livestock					
Cattle & calves	(Lbs.)	39	135,966,000	141,872,000	Texas
Hogs & pigs	(Lbs.)	43	1,551,000	739,000	Iowa
Poultry					
Broilers	(Lbs.)	19	273,800,000	99,937,000	Georgia
Chickens, all ^{2/}	(Birds)	31	2,180,000	15,914,000	Iowa
Eggs		32	290,300,000	56,688,000	Iowa
Turkeys	(Lbs.)	13	125,970,000	89,313,000	North Carolina
Miscellaneous					
Farms	(Total)	35	22,800		Texas
Land in farms	(Acres)	39	3,500,000		Texas
Average size of farm	(Acres)	43	154		Wyoming
Honey	(Lbs.)	37	276,000	1,074,000	North Dakota
Milk	(Lbs.)	44	89,000,000	15,575,000	California
Trout ^{4/}		8	^{3/}	840,000	North Carolina
Wool	(Lbs.)	29	70,000	105,000	Colorado

^{1/} Rankings based on production. ^{2/} Excludes broilers. ^{3/} Not available. ^{4/} Ranking based on total value of fish sold.

Number of Farms, Land in Farms and Average Farm Size West Virginia and United States: 2011 - 2020 ^{1/}

Year	West Virginia			United States		
	Number of Farms	Land in Farms	Average Farm Size	Number of Farms	Land in Farms	Average Farm Size
		(000 Acres)	(Acres)	(000)	(000 Acres)	(Acres)
2011	21,900	3,600	164	2,131	914,420	429
2012	21,500	3,610	168	2,110	914,600	433
2013	22,000	3,600	164	2,100	911,720	434
2014	22,600	3,600	159	2,082	908,920	436
2015	22,800	3,600	158	2,064	905,790	439
2016	23,200	3,600	155	2,055	902,680	439
2017	23,600	3,700	157	2,042	900,370	441
2018	23,400	3,600	154	2,029	899,500	443
2019	22,900	3,500	153	2,023	897,400	444
2020	22,800	3,500	154	2,019	896,600	444

^{1/} Estimates for the number of farms and land in farms refer to June 1. A farm is defined as "any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year."

LIVESTOCK: Number of Operations, Census of Agriculture: 2012 and 2017 ^{1/}

Year	All Cattle	Beef Cows	Milk Cows	Hogs and Pigs	Sheep and Lambs	Milk Goats	All Goats
2012	12,067	10,156	438	725	1,043	380	1,586
2017	11,774	10,336	458	892	1,226	523	2,040

^{1/} Beginning in 2008, estimates discontinued on an annual basis. Estimates will be published every 5 years in conjunction with the Census of Agriculture.



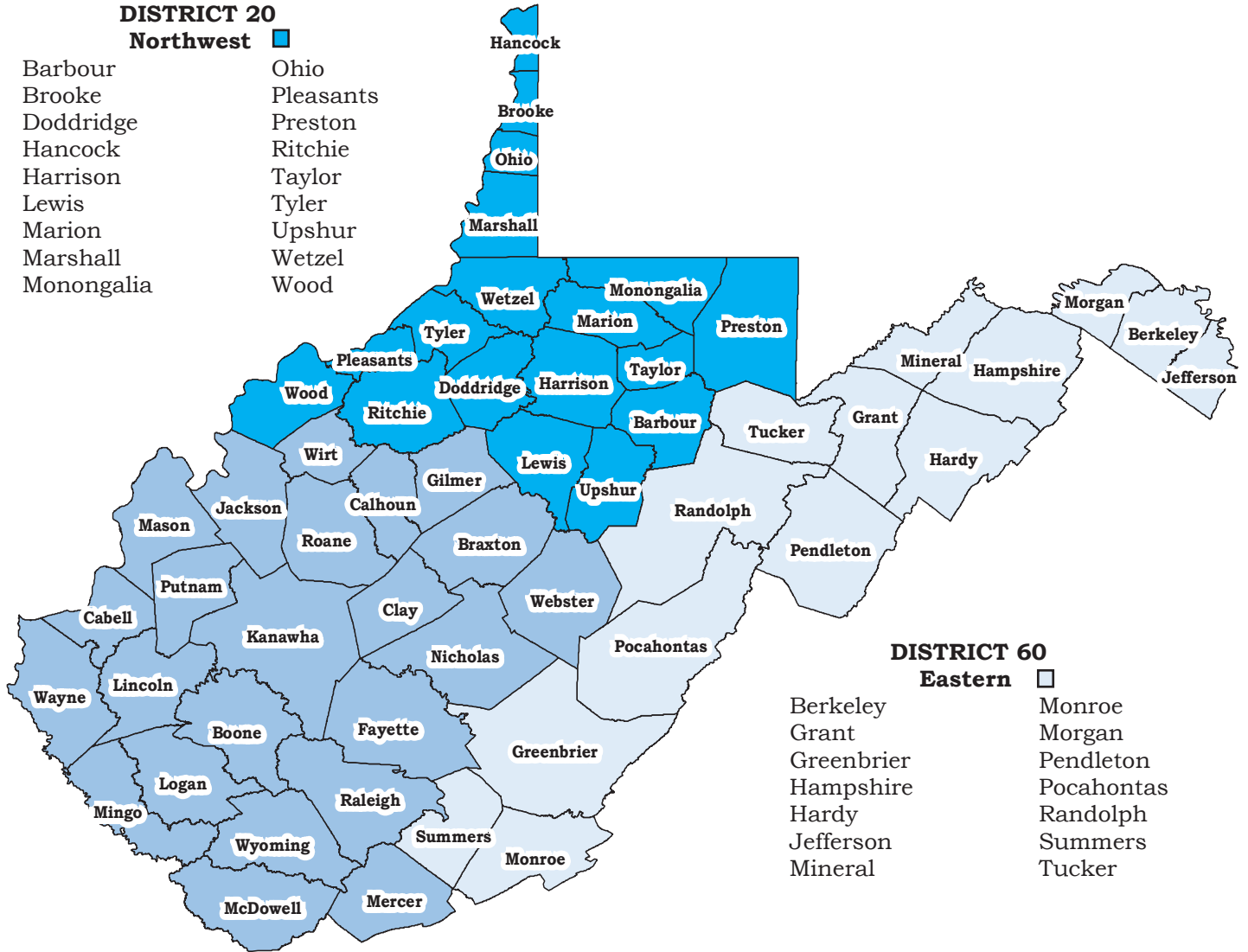


West Virginia Agricultural Statistics Districts

DISTRICT 20

Northwest ■

- | | |
|------------|-----------|
| Barbour | Ohio |
| Brooke | Pleasants |
| Doddridge | Preston |
| Hancock | Ritchie |
| Harrison | Taylor |
| Lewis | Tyler |
| Marion | Upshur |
| Marshall | Wetzel |
| Monongalia | Wood |



DISTRICT 60

Eastern □

- | | |
|------------|------------|
| Berkeley | Monroe |
| Grant | Morgan |
| Greenbrier | Pendleton |
| Hampshire | Pocahontas |
| Hardy | Randolph |
| Jefferson | Summers |
| Mineral | Tucker |

DISTRICT 40

Southwest □

- | | |
|---------|----------|
| Boone | McDowell |
| Braxton | Mason |
| Cabell | Mercer |
| Calhoun | Mingo |
| Clay | Nicholas |
| Fayette | Putnam |
| Gilmer | Raleigh |
| Jackson | Roane |
| Kanawha | Wayne |
| Lincoln | Webster |
| Logan | Wirt |
| | Wyoming |



CROPS



CROPS

ALL HAY

All hay area harvested in 2020 totaled 540,000 acres, up 25,000 acres from 2019. The average yield in 2020 was 1.92 tons per acre, up 0.18 ton per acre from 2019. Production totaled 1,035,000 tons, up 141,000 tons from 2019. Value of production totaled \$123.20 million in 2020, a 21 percent increase from the 2019 value of \$101.95 million. The average price received per ton was \$119.00. This was up \$5.00 per ton from the 2019 average price of \$114.00 per ton.

ALFALFA & ALFALFA MIXTURES

Alfalfa hay area harvested totaled 10,000 acres in 2020, down 5,000 acres from 2019. Yields in 2020 averaged 2.80 tons per acre, down 0.10 ton per acre from 2019. Production totaled 28,000 tons, down 16,000 tons from 2019. Value of production totaled \$5.38 million in 2020, a 36 percent decrease from the 2019 value of \$8.45 million. The average price received per ton was \$192.00. This was unchanged from 2019. New seedings of alfalfa in 2020 are estimated at 1,000 acres, no change from 2019.

OTHER HAY

All other hay area harvested totaled 530,000 acres in 2020, up 30,000 acres from 2019. Yields averaged 1.90 tons per acre, up 0.20 ton per acre from 2019. Production totaled 1,007,000 tons, up 157,000 tons from 2019. Value of production totaled \$117.82 million in 2020, 26 percent increase from the 2019 value of \$93.50 million. The average price received per ton was \$117.00. This was up \$7.00 per ton from the 2019 average price of \$110.00 per ton.

CORN

Area planted to corn for all purposes in 2020 totaled 51,000 acres, down 1,000 acres from 2019. Harvested area for grain totaled 38,000 acres, unchanged from 2019. The average yield of 144.0 bushels per acre was down 21.0 bushels per acre from 2019. Production was 5,472,000 bushels, down 798,000 bushels from 2019. Value of production totaled \$22.44 million in 2020, a decrease of 13 percent from \$25.71 million in 2019. The marketing year average price received per bushel for corn was \$4.10, unchanged from 2019. Corn for silage area harvested was 12,000 acres in 2020, unchanged from 2019. Yields averaged 19.0 tons per acre, down 1.0 ton per acre from 2019. Silage production was estimated at 228,000 tons, down 12,000 tons from 2019.

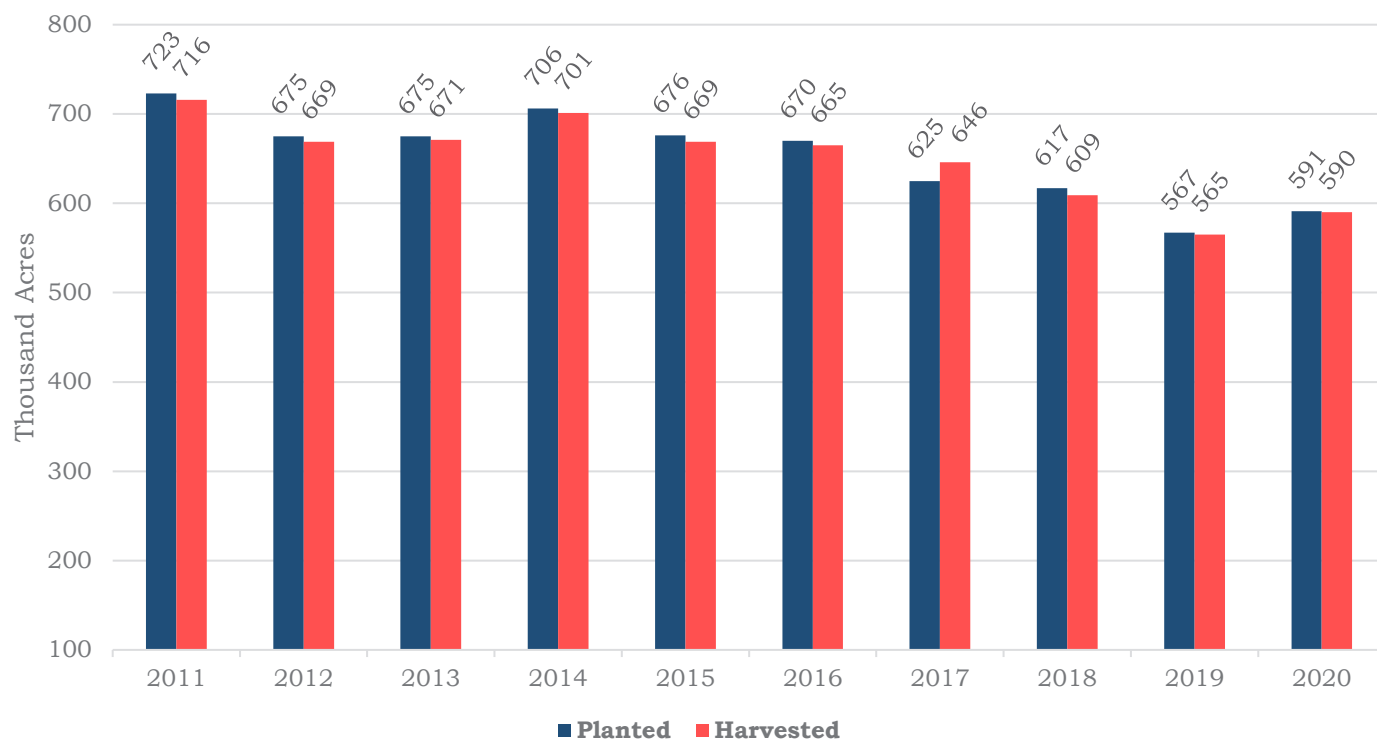
MAPLE SYRUP

Maple syrup production totaled 13,000 gallons in 2021, down 3,000 gallons from 16,000 gallons produced in 2020. Number of taps was 77,000, up 2,000 taps from 2020. Yield per tap was 0.169 gallon, down from the 2020 yield per tap of 0.213 gallon. On average, the maple syrup season opened on February 13, 2021 and closed on March 16, 2021. The average season length was 31 days. The first date sap was collected in West Virginia was January 12, 2021. The last date for sap collection was April 6, 2021. Average price per gallon was \$30.20 in 2020, 27 percent below 2019. Bulk prices in 2020 were \$1.90 per pound, down from \$2.10 per pound in 2019, and \$21.00 per gallon, up from \$20.00 per gallon the previous year. Percent of sales by type in 2020 was 11 percent retail, down from 26 percent the previous year; 6 percent wholesale, down from 8 percent in 2019; and 83 percent bulk, up from 66 percent in 2019. Annual estimates were discontinued in 2019 with NASS. Data were released by the West Virginia Department of Agriculture in cooperation with NASS.

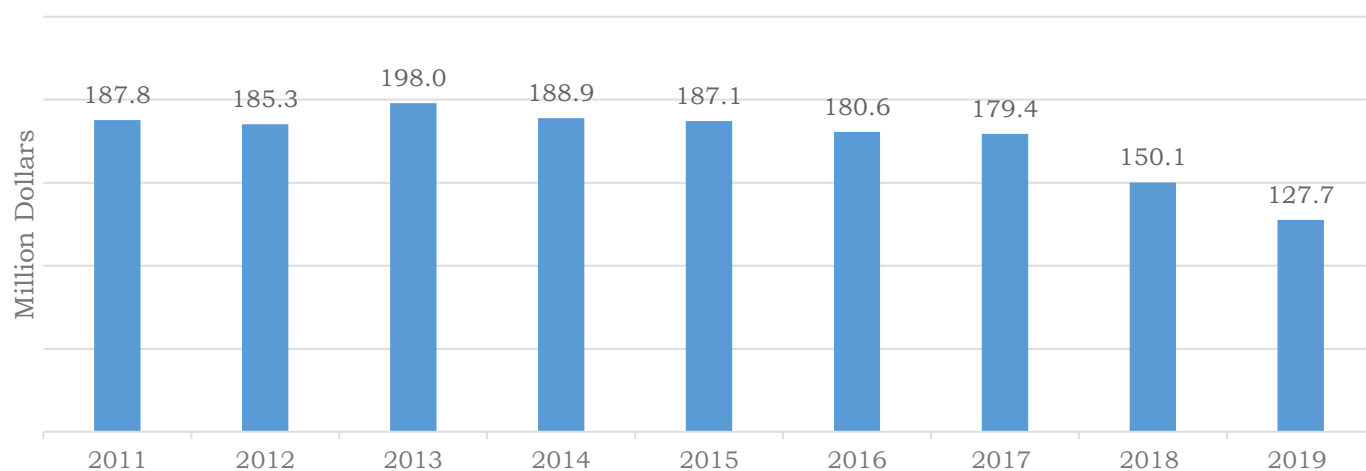
West Virginia Maple Syrup Price by Type of Sale and Size of Container – 2019 and 2020

	Gallon		½ Gallon		Quart		Pint		½ Pint	
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
	(Dollars)									
Retail	43.00	50.00	28.20	30.40	15.30	16.80	11.10	10.00	6.20	8.00
Wholesale	45.80	42.90	22.00	22.10	12.30	13.10	7.20	7.70	4.60	4.60

AREA PLANTED and HARVESTED in WEST VIRGINIA Principal Crops



VALUE of PRODUCTION in WEST VIRGINIA Principal Crops ^{1/}



^{1/} Value of production is computed by multiplying the market year average price by production. Value of production estimates relate to the crop year. These estimates should not be confused with cash receipts, which relate to sales during a calendar year irrespective of the year of production. Principal crops include corn for grain, soybeans, winter wheat, hay, and fruit. Data for 2020 were not available at the time of publishing.





ALFALFA & ALFALFA MIXTURES HAY: Acreage, Yield, Production and Value, 2011-2020

Year	Acreage Harvested	Yield per Acre	Production	Average Price per Ton	Value of Production
	(000 Acres)	(Tons)	(000 Tons)	(Dollars)	(000 Dollars)
2011	25	3.30	83	178.00	14,774
2012	25	2.40	60	190.00	11,400
2013	20	4.10	82	183.00	15,006
2014	18	2.90	52	189.00	9,828
2015	20	3.30	66	200.00	13,200
2016	17	3.10	53	195.00	10,335
2017	17	2.70	46	189.00	8,694
2018	15	2.50	38	203.00	7,714
2019	15	2.90	44	192.00	8,448
2020	10	2.80	28	192.00	5,376

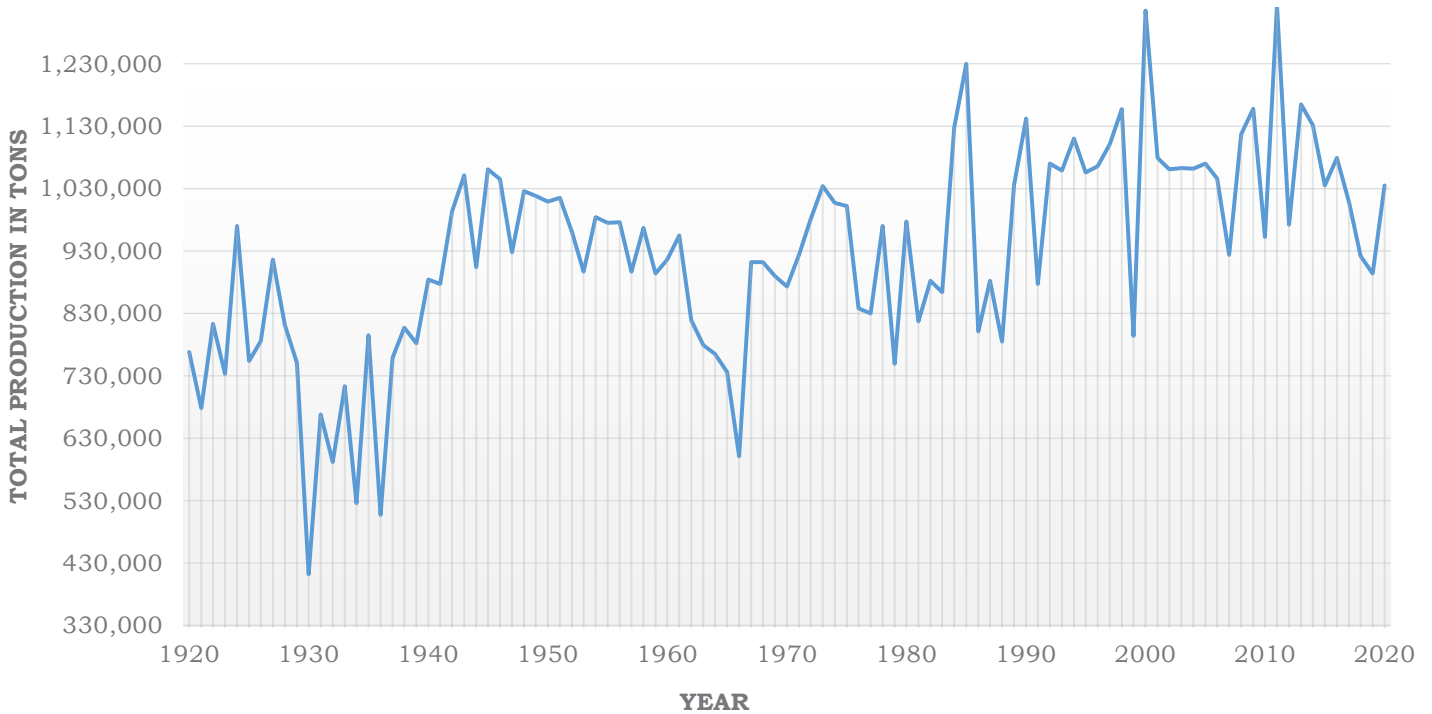
ALL HAY: Acreage, Yield, Production, Value and Stocks, 2011-2020

Year	Acreage Harvested	Yield per Acre	Production	Average Price per Ton	Value of Production	On Farm Hay Stocks	
						Dec 1	May 1 ^{1/}
	(000 Acres)	(Tons)	(000 Tons)	(Dollars)	(000 Dollars)	(000 Tons)	
2011	645	2.05	1,323	102.00	136,294	965	285
2012	595	1.63	972	109.00	107,160	750	145
2013	590	1.97	1,165	120.00	139,551	870	235
2014	618	1.83	1,132	117.00	132,948	910	220
2015	590	1.75	1,035	130.00	134,325	850	190
2016	587	1.84	1,079	119.00	128,325	870	175
2017	567	1.78	1,009	120.00	120,402	890	125
2018	535	1.72	922	127.00	116,446	770	75
2019	515	1.74	894	114.00	101,948	660	95
2020	540	1.92	1,035	119.00	123,195	770	145

^{1/} May 1 Stocks as of following year.

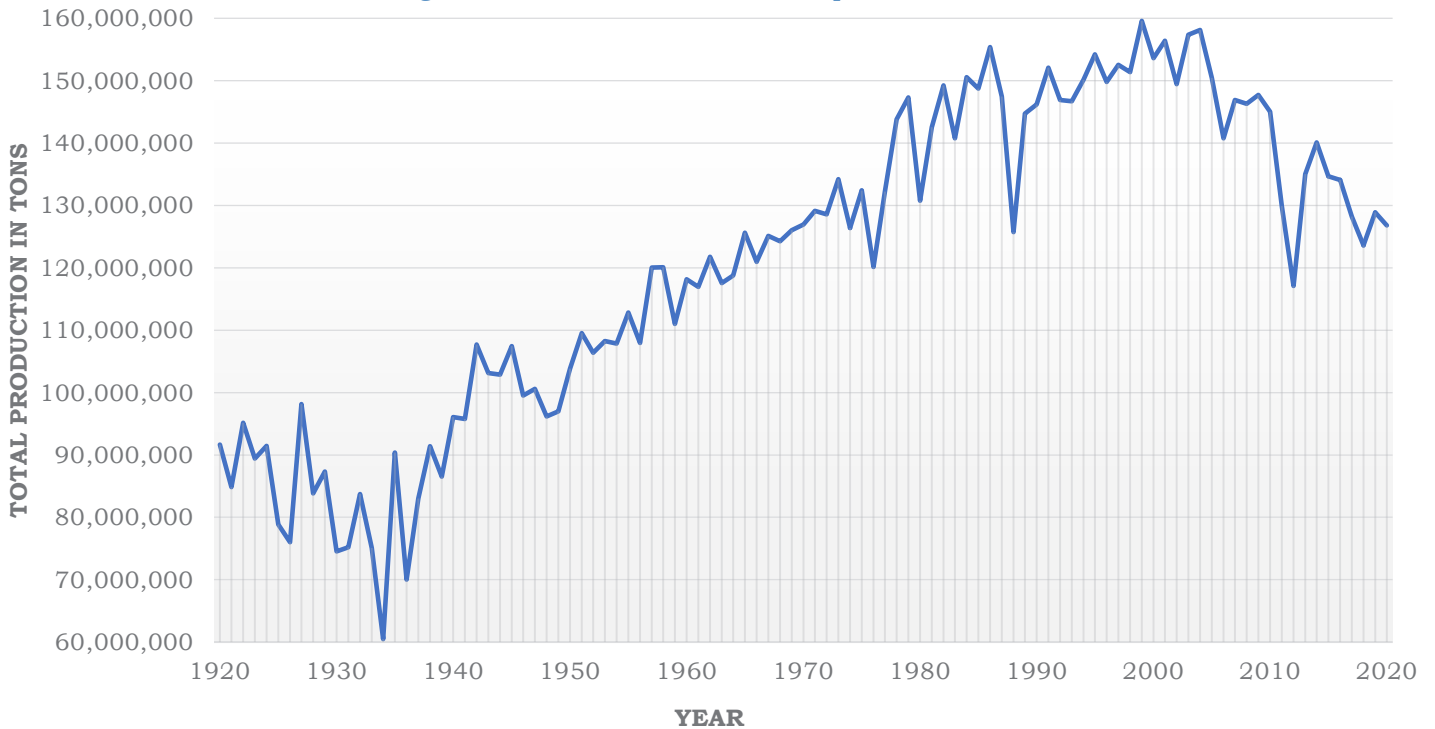
100 Years of All Hay Production in West Virginia

All hay production in 2020 was 1.0 million tons.
 The record low was recorded in 1911 with a production of 334 thousand tons.
 The record high was recorded in 2011 with a production of 1.3 million tons.



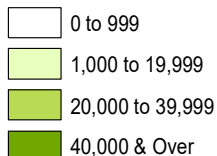
100 Years of All Hay Production in the United States

All hay production in 2020 was 126.8 million tons.
 The record low was recorded in 1866 with a production of 21.3 million tons.
 The record high was recorded in 1999 with a production of 159.6 million tons.





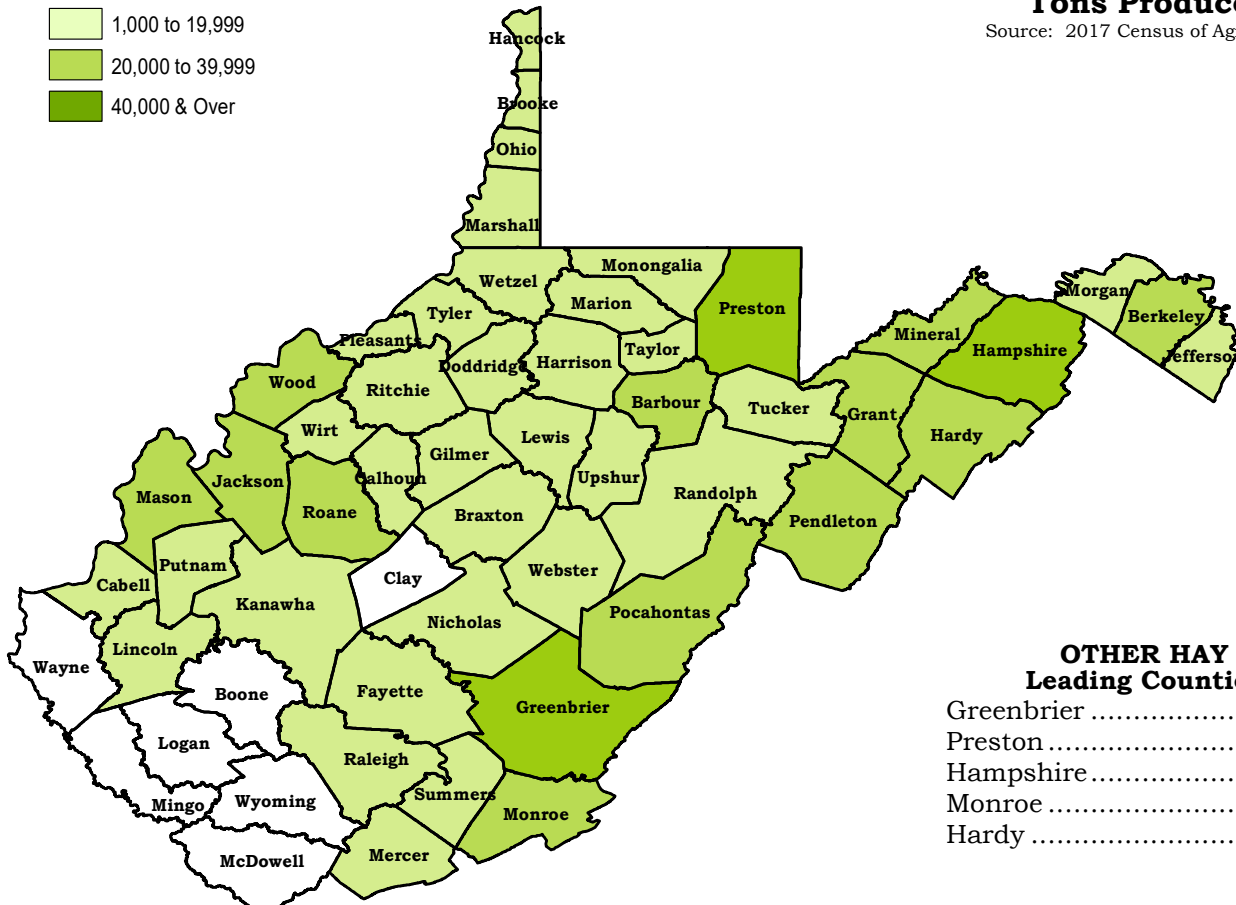
TONS



**OTHER HAY
2017**

Tons Produced

Source: 2017 Census of Agriculture



**OTHER HAY
Leading Counties**

Greenbrier	44,833
Preston	42,152
Hampshire	40,792
Monroe	39,148
Hardy	36,765

OTHER HAY: Acreage, Yield, Production and Value, 2011-2020

Year	Area Harvested (000 Acres)	Yield per Acre (Tons)	Production (000 Tons)	Average Price per Ton (Dollars)	Value of Production (000 Dollars)
2011	620	2.00	1,240	98.00	121,520
2012	570	1.60	912	105.00	95,760
2013	570	1.90	1,083	115.00	124,545
2014	600	1.80	1,080	114.00	123,120
2015	570	1.70	969	125.00	121,125
2016	570	1.80	1,026	115.00	117,990
2017	550	1.75	963	116.00	111,708
2018	520	1.70	884	123.00	108,732
2019	500	1.70	850	110.00	93,500
2020	530	1.90	1,007	117.00	117,819

OTHER HAY: Acreage and Production, by Counties, 2017 ^{1/ 2/}

County	Acres Harvested	Production
	2017	2017
	(Acres)	(Tons)
Barbour	13,228	22,756
Berkeley	15,894	25,184
Boone	(D)	(D)
Braxton	11,476	18,270
Brooke	2,439	4,928
Cabell	4,069	8,000
Calhoun	7,590	11,443
Clay	(D)	(D)
Doddridge	7,375	10,126
Fayette	3,592	6,599
Gilmer	5,418	9,247
Grant	16,295	26,673
Greenbrier	22,801	44,833
Hampshire	22,552	40,792
Hancock	1,679	2,877
Hardy	19,029	36,765
Harrison	14,237	18,945
Jackson	21,164	35,401
Jefferson	10,340	18,256
Kanawha	2,346	2,984
Lewis	9,786	14,909
Lincoln	1,472	3,613
Logan	(D)	(D)
McDowell	12	(D)
Marion	7,921	10,782
Marshall	12,934	17,093
Mason	15,909	29,193
Mercer	7,650	15,117
Mineral	17,321	29,942
Mingo	-	-
Monongalia	11,617	16,652
Monroe	19,243	39,148
Morgan	4,619	6,116
Nicholas	7,604	12,368
Ohio	6,641	9,279
Pendleton	16,434	29,609
Pleasants	3,435	5,408
Pocahontas	15,452	28,117
Preston	24,620	42,152
Putnam	7,982	11,574
Raleigh	5,517	8,961
Randolph	11,456	17,608
Ritchie	13,120	18,424
Roane	17,622	21,787
Summers	7,509	14,962
Taylor	8,423	12,230
Tucker	2,763	4,788
Tyler	6,849	11,049
Upshur	9,828	14,388
Wayne	(D)	(D)
Webster	1,480	1,297
Wetzel	3,727	5,269
Wirt	5,449	9,290
Wood	13,934	22,160
Wyoming	462	895
West Virginia	505,384	836,928

^{1/}Data from the Census of Agriculture. 2012 data not available. ^{2/} Annual county estimates discontinued in 2019. - Represents zero. D- Withheld to avoid disclosing data for individual farms.





CORN FOR SILAGE: Acreage, Yield and Production, 2011-2020

Year	All Planted	Harvested	Yield per Acre	Production
	(000 Acres)		(Tons)	(000 Tons)
2011	48	15	15.0	225
2012	51	15	16.0	240
2013	53	16	19.0	304
2014	51	14	18.0	252
2015	50	14	18.0	252
2016	49	13	19.0	247
2017	50	16	20.0	320
2018	46	11	19.0	209
2019	52	12	20.0	240
2020	51	12	19.0	228

CORN FOR GRAIN: Acreage, Yield, Production and Value, 2011-2020

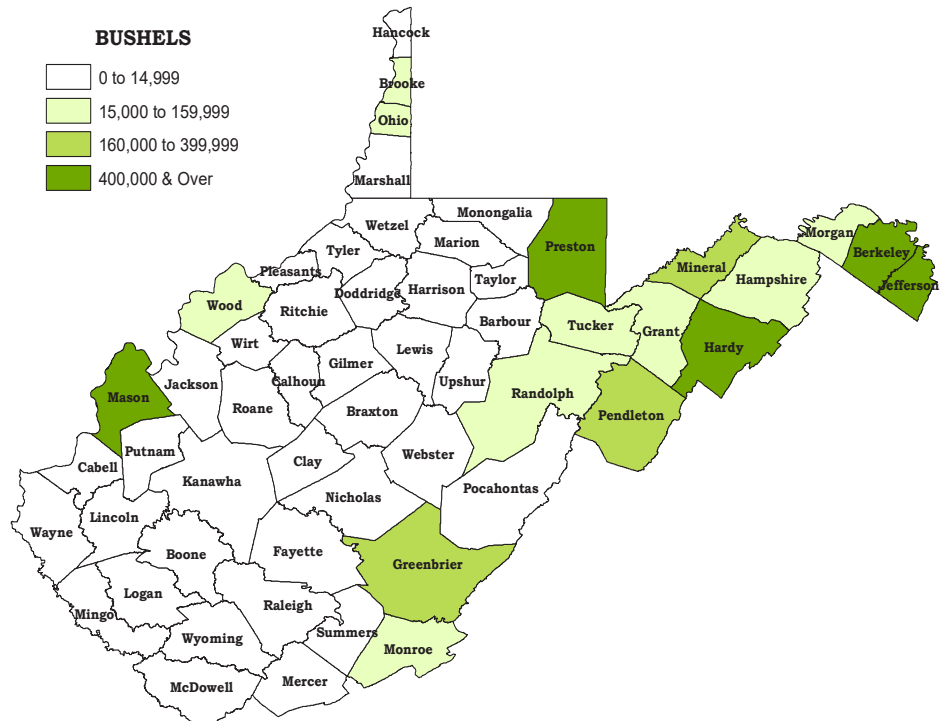
Year	All Planted	Harvested	Yield per Acre	Production	Average Price per Bushel	Value of Production
	(000 Acres)		(Bushels)	(000 Bushels)	(Dollars)	(000 Dollars)
2011	48	31	114.0	3,534	6.50	22,971
2012	51	35	128.0	4,480	7.20	32,256
2013	53	36	147.0	5,292	4.70	24,872
2014	51	36	149.0	5,364	3.85	20,651
2015	50	35	148.0	5,180	3.95	20,461
2016	49	35	145.0	5,075	3.90	19,793
2017	50	33	152.0	5,016	3.95	19,813
2018	46	33	152.0	5,016	4.08	20,465
2019	52	38	165.0	6,270	4.10	25,707
2020	51	38	144.0	5,472	4.10	22,435

CORN FOR GRAIN 2017 Bushels Produced

Source: 2017 Census of Agriculture

CORN FOR GRAIN Leading Counties

Jefferson.....	1,763,656
Hardy	658,210
Berkeley.....	535,300
Mason.....	480,190
Preston.....	431,988
Pendleton.....	277,867
Mineral.....	239,632
Greenbrier.....	186,712
Randolph.....	124,219
Ohio.....	89,090



CORN FOR GRAIN: Acreage and Production, by Counties, 2012 and 2017 ^{1/ 2/}

County	Harvested		Production	
	2012	2017	2012	2017
	(Acres)		(Bushels)	
Barbour	47	44	5,191	3,997
Berkeley	3,400	3,874	475,618	535,300
Boone	(D)	-	(D)	-
Braxton	39	73	3,550	12,773
Brooke	144	137	16,775	15,085
Cabell	103	56	8,263	5,880
Calhoun	5	(D)	530	(D)
Clay	-	65	-	5,350
Doddridge	3	8	190	710
Fayette	46	(D)	3,550	(D)
Gilmer	50	16	5,728	580
Grant	148	243	20,682	28,950
Greenbrier	726	1,410	113,134	186,712
Hampshire	917	534	106,487	62,611
Hancock	52	(D)	5,134	(D)
Hardy	4,226	4,458	618,202	658,210
Harrison	(D)	(D)	(D)	(D)
Jackson	287	133	30,899	14,645
Jefferson	10,990	10,767	1,372,703	1,763,656
Kanawha	18	30	1,270	1,100
Lewis	-	(D)	-	(D)
Lincoln	(D)	-	(D)	-
Logan	(D)	(D)	(D)	(D)
McDowell	-	84	-	11,760
Marion	35	20	4,430	(D)
Marshall	12	109	2,140	11,453
Mason	4,874	2,754	602,114	480,190
Mercer	49	55	6,614	5,570
Mineral	462	1,418	55,675	239,632
Mingo	-	(D)	-	(D)
Monongalia	33	37	3,340	3,355
Monroe	1,584	466	183,873	68,628
Morgan	170	166	15,210	16,950
Nicholas	17	(D)	2,150	(D)
Ohio	172	496	22,150	89,090
Pendleton	2,020	1,897	306,779	277,867
Pleasants	(D)	11	(D)	(D)
Pocahontas	106	102	12,965	14,805
Preston	2,735	3,700	338,817	431,988
Putnam	100	75	9,294	11,290
Raleigh	(D)	33	(D)	5,625
Randolph	639	714	94,493	124,219
Ritchie	(D)	(D)	(D)	(D)
Roane	11	(D)	250	(D)
Summers	23	15	1,605	1,467
Taylor	-	5	-	65
Tucker	181	156	22,000	16,313
Tyler	36	26	3,245	(D)
Upshur	25	6	4,380	498
Wayne	139	109	10,725	11,810
Webster	-	(D)	-	(D)
Wetzel	22	(D)	970	(D)
Wirt	30	83	1,257	9,876
Wood	444	523	46,314	63,635
Wyoming	-	(D)	-	(D)
West Virginia	35,268	35,322	4,554,125	5,255,628

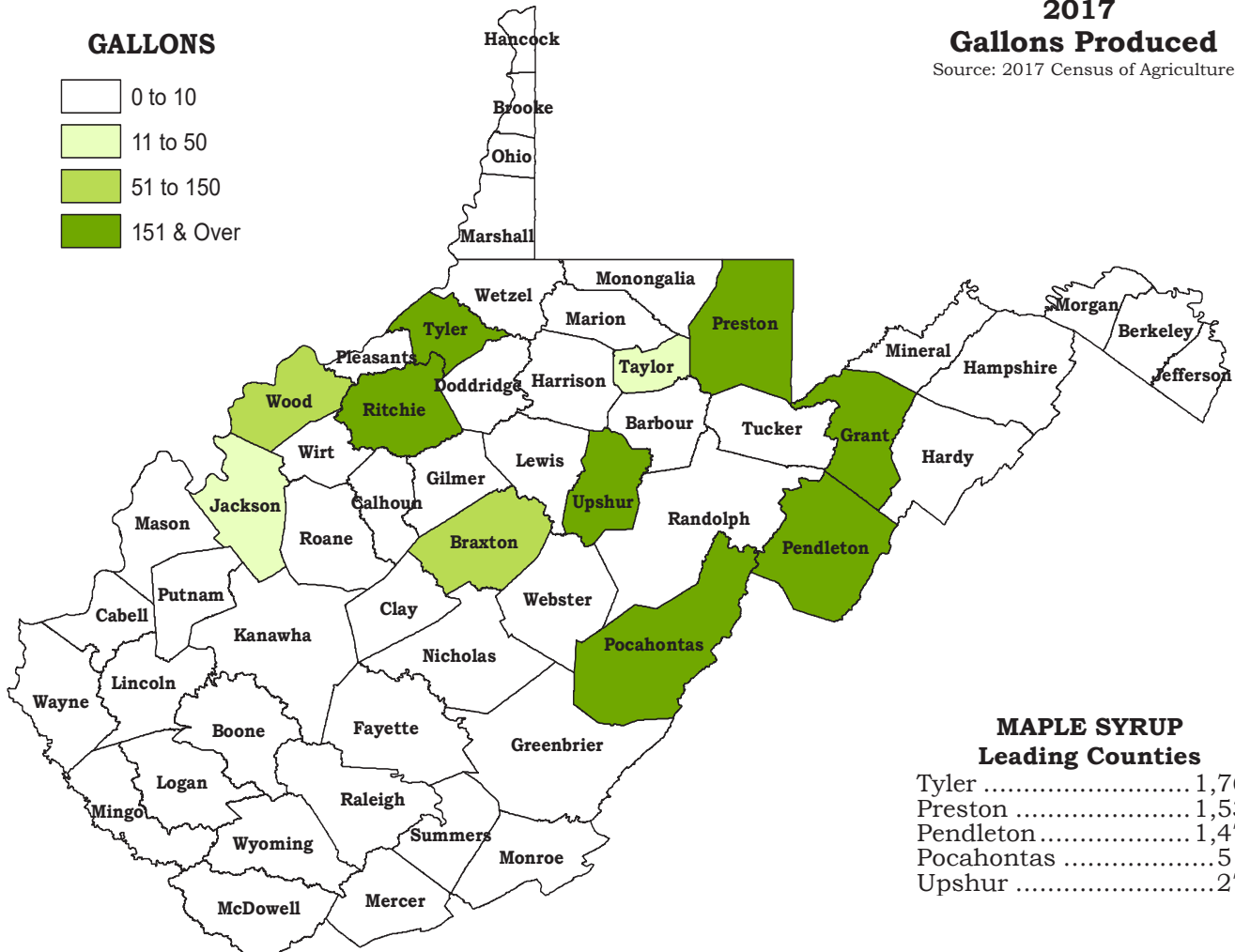
^{1/} Data from the Census of Agriculture. ^{2/} Annual county estimates discontinued in 2017. - Represents zero. D-Withheld to avoid disclosing data for individual farms.





MAPLE SYRUP 2017 Gallons Produced

Source: 2017 Census of Agriculture



MAPLE SYRUP: Number of Taps, Yield, Production and Value, 2017-2021 ^{1/}

Year	Number of Taps	Average Season Length	Yield per Tap	Average Price per Gallon	Production	Value of Production ^{2/}
	(000)	(Days)	(Gallons)	(Dollars)	(000 Gallons)	(000 Dollars)
2017	70	32	0.157	36.70	11.0	404
2018	66	37	0.121	44.60	8.0	357
2019	80	38	0.175	41.10	14.0	575
2020	75	34	0.213	30.20	16.0	483
2021	77	31	0.169	^{3/}	13.0	^{3/}

^{1/} Annual estimates program discontinued in 2019. Data were released by the West Virginia Department of Agriculture in cooperation with NASS. ^{2/} Value of Production is the average price per gallon multiplied by production. ^{3/} Data not available.

MAPLE SYRUP: Number of Taps and Production, by Counties, 2012 and 2017 ^{1/}

County	Number of Taps		Production	
	2012	2017	2012	2017
	(Number)		(Gallons)	
Barbour	(D)	(D)	(D)	(D)
Berkeley	-	(D)	-	(D)
Boone	-	-	-	-
Braxton	-	1,400	-	110
Brooke	-	(D)	-	(D)
Cabell	-	-	-	-
Calhoun	-	-	-	-
Clay	-	-	-	-
Doddridge	(D)	106	(D)	6
Fayette	-	-	-	-
Gilmer	-	-	-	-
Grant	(D)	2,700	(D)	206
Greenbrier	-	(D)	-	(D)
Hampshire	-	36	-	7
Hancock	(D)	-	(D)	-
Hardy	552	(D)	45	(D)
Harrison	(D)	-	(D)	-
Jackson	-	40	-	12
Jefferson	-	-	-	-
Kanawha	-	(D)	-	(D)
Lewis	-	-	-	-
Lincoln	-	-	-	-
Logan	-	-	-	-
McDowell	-	-	-	-
Marion	-	(D)	-	(D)
Marshall	-	(D)	-	(D)
Mason	1,424	(D)	132	(D)
Mercer	-	-	-	-
Mineral	(D)	(D)	(D)	(D)
Mingo	-	-	-	-
Monongalia	(D)	(D)	(D)	(D)
Monroe	190	(D)	52	(D)
Morgan	-	(D)	-	(D)
Nicholas	(D)	-	(D)	-
Ohio	-	(D)	-	(D)
Pendleton	(D)	6,000	(D)	1,474
Pleasants	-	-	-	-
Pocahontas	44	2,600	12	513
Preston	(D)	14,190	(D)	1,537
Putnam	-	(D)	-	(D)
Raleigh	-	-	-	-
Randolph	2,310	(D)	465	(D)
Ritchie	(D)	1,330	(D)	153
Roane	826	(D)	82	(D)
Summers	(D)	(D)	(D)	(D)
Taylor	150	595	38	50
Tucker	-	(D)	-	(D)
Tyler	200	15,400	25	1,760
Upshur	230	2,287	43	279
Wayne	-	(D)	-	(D)
Webster	-	(D)	-	(D)
Wetzel	-	-	-	-
Wirt	-	-	-	-
Wood	(D)	360	(D)	51
Wyoming	-	-	-	-
West Virginia	8,804	75,262	1,341	11,065

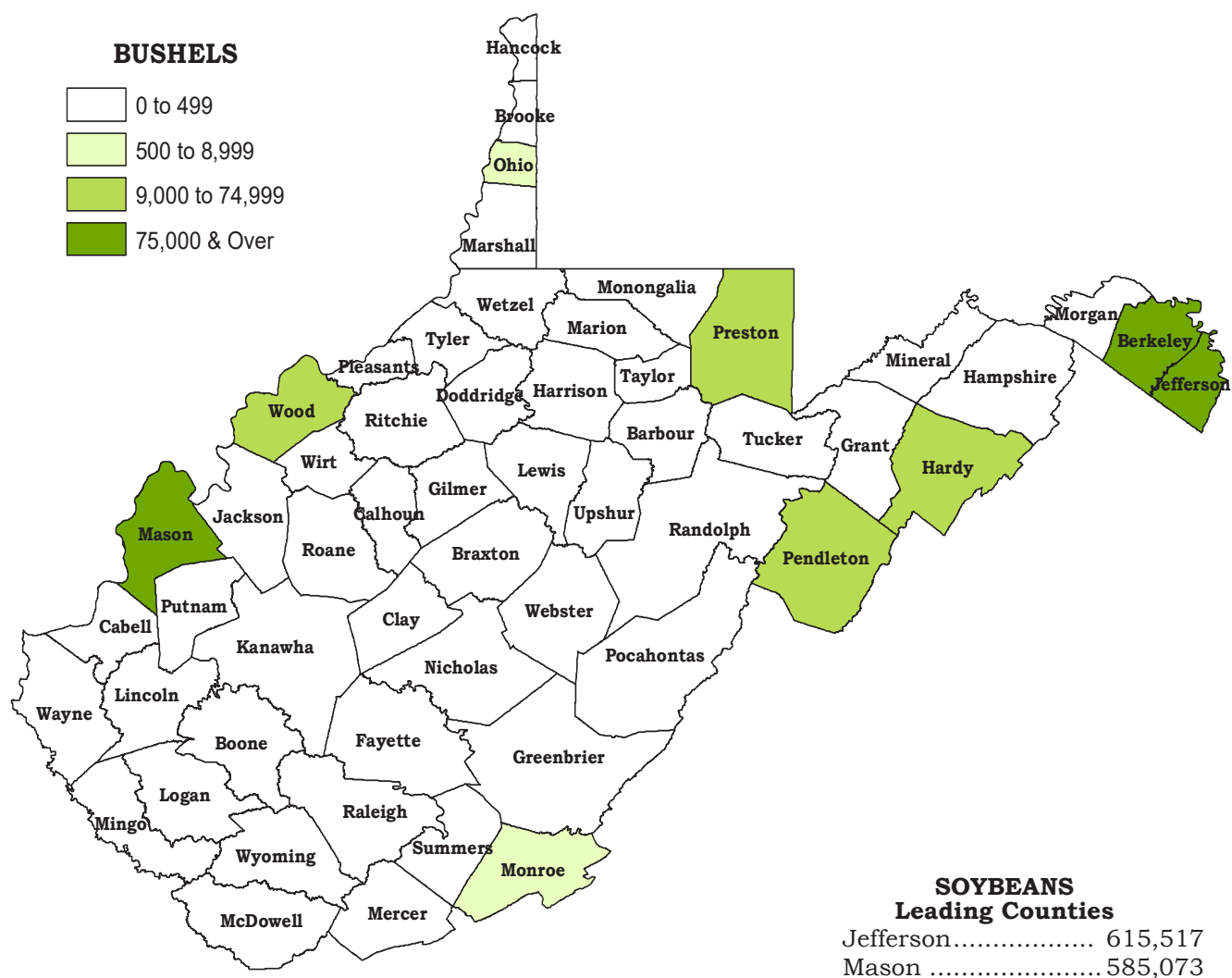
^{1/} Data from the Census of Agriculture. - Represents zero. D- Withheld to avoid disclosing data for individual farms.





SOYBEANS 2017 Bushels Produced

Source: 2017 Census of Agriculture



**SOYBEANS
Leading Counties**

Jefferson.....	615,517
Mason	585,073
Berkeley	93,224
Hardy	60,880

SOYBEANS: Acreage and Production, by Counties, 2012 and 2017 ^{1/ 2/}

County	Harvested		Production	
	2012	2017	2012	2017
	(Acres)		(Bushels)	
Barbour	-	-	-	-
Berkeley	1,126	1,932	56,166	93,224
Boone	-	-	-	-
Braxton	-	-	-	-
Brooke	(D)	(D)	(D)	(D)
Cabell	-	-	-	-
Calhoun	-	-	-	-
Clay	-	-	-	-
Doddridge	-	-	-	-
Fayette	-	-	-	-
Gilmer	-	-	-	-
Grant	-	-	-	-
Greenbrier	-	(D)	-	(D)
Hampshire	(D)	(D)	(D)	(D)
Hancock	(D)	-	(D)	-
Hardy	1,354	1,452	75,115	60,880
Harrison	-	-	-	-
Jackson	(D)	(D)	(D)	(D)
Jefferson	7,601	11,361	365,248	615,517
Kanawha	-	-	-	-
Lewis	-	-	-	-
Lincoln	-	-	-	-
Logan	-	-	-	-
McDowell	-	-	-	-
Marion	(D)	(D)	(D)	(D)
Marshall	-	-	-	-
Mason	9,337	8,272	455,755	585,073
Mercer	(D)	(D)	(D)	(D)
Mineral	-	-	-	-
Mingo	-	-	-	-
Monongalia	11	(D)	625	(D)
Monroe	(D)	102	(D)	4,200
Morgan	-	-	-	-
Nicholas	-	-	-	-
Ohio	-	92	-	3,680
Pendleton	(D)	229	(D)	12,030
Pleasants	-	(D)	-	(D)
Pocahontas	(D)	(D)	(D)	(D)
Preston	(D)	1,215	(D)	42,920
Putnam	-	-	-	-
Raleigh	-	-	-	-
Randolph	(D)	(D)	(D)	(D)
Ritchie	-	-	-	-
Roane	-	-	-	-
Summers	-	-	-	-
Taylor	-	-	-	-
Tucker	-	-	-	-
Tyler	-	-	-	-
Upshur	-	-	-	-
Wayne	-	-	-	-
Webster	-	-	-	-
Wetzel	-	-	-	-
Wirt	-	-	-	-
Wood	175	296	8,956	12,300
Wyoming	-	-	-	-
West Virginia	20,425	25,984	1,002,947	1,485,212

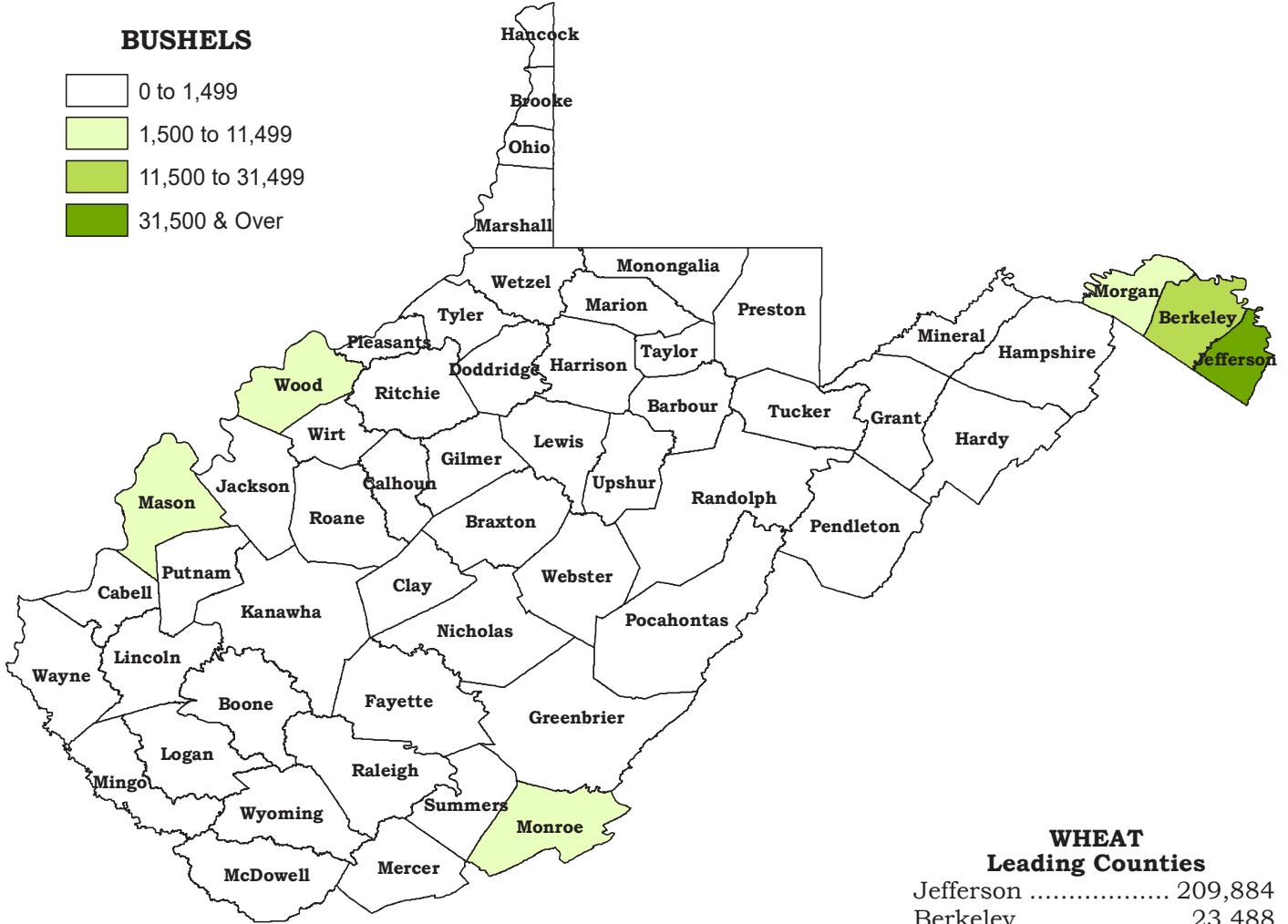
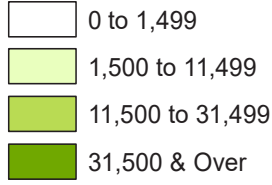
^{1/} Data from the Census of Agriculture. ^{2/} Annual county estimates discontinued in 2016. - Represents zero. D-Withheld to avoid disclosing data for individual farms.





**WHEAT
2017
Bushels Produced**
Source: 2017 Census of Agriculture

BUSHEL



**WHEAT
Leading Counties**

Jefferson	209,884
Berkeley	23,488
Mason	10,250

WHEAT: Acreage and Production, by Counties, 2012 and 2017 ^{1/ 2/}

County	Harvested		Production	
	2012	2017	2012	2017
	(Acres)		(Bushels)	
Barbour	-	-	-	-
Berkeley	466	428	31,441	23,488
Boone	-	-	-	-
Braxton	-	-	-	-
Brooke	(D)	(D)	(D)	(D)
Cabell	-	-	-	-
Calhoun	-	-	-	-
Clay	-	-	-	-
Doddridge	-	-	-	-
Fayette	-	-	-	-
Gilmer	-	-	-	-
Grant	-	-	-	-
Greenbrier	(D)	(D)	(D)	(D)
Hampshire	-	(D)	-	(D)
Hancock	(D)	-	(D)	-
Hardy	174	(D)	11,460	(D)
Harrison	-	-	-	-
Jackson	-	27	-	(D)
Jefferson	2,559	2,977	178,937	209,884
Kanawha	-	-	-	-
Lewis	-	-	-	-
Lincoln	-	-	-	-
Logan	-	-	-	-
McDowell	-	-	-	-
Marion	(D)	(D)	(D)	(D)
Marshall	-	-	-	-
Mason	(D)	181	(D)	10,250
Mercer	-	(D)	-	(D)
Mineral	12	(D)	826	(D)
Mingo	-	-	-	-
Monongalia	(D)	(D)	(D)	(D)
Monroe	207	223	7,905	9,349
Morgan	193	199	8,606	8,255
Nicholas	(D)	-	(D)	-
Ohio	-	-	-	-
Pendleton	-	-	-	-
Pleasants	-	-	-	-
Pocahontas	36	(D)	1,725	(D)
Preston	(D)	(D)	(D)	(D)
Putnam	104	(D)	6,940	(D)
Raleigh	-	-	-	-
Randolph	-	(D)	-	(D)
Ritchie	-	-	-	-
Roane	-	(D)	-	(D)
Summers	(D)	-	(D)	-
Taylor	-	-	-	-
Tucker	(D)	-	(D)	-
Tyler	(D)	(D)	(D)	(D)
Upshur	-	-	-	-
Wayne	-	-	-	-
Webster	-	-	-	-
Wetzel	-	-	-	-
Wirt	(D)	(D)	(D)	(D)
Wood	(D)	114	(D)	4,780
Wyoming	-	-	-	-
West Virginia	4,200	4,485	271,542	283,609

^{1/} Data from the Census of Agriculture. ^{2/} Annual county estimates discontinued in 2016. - Represents zero. D- Withheld to avoid disclosing data for individual farms.



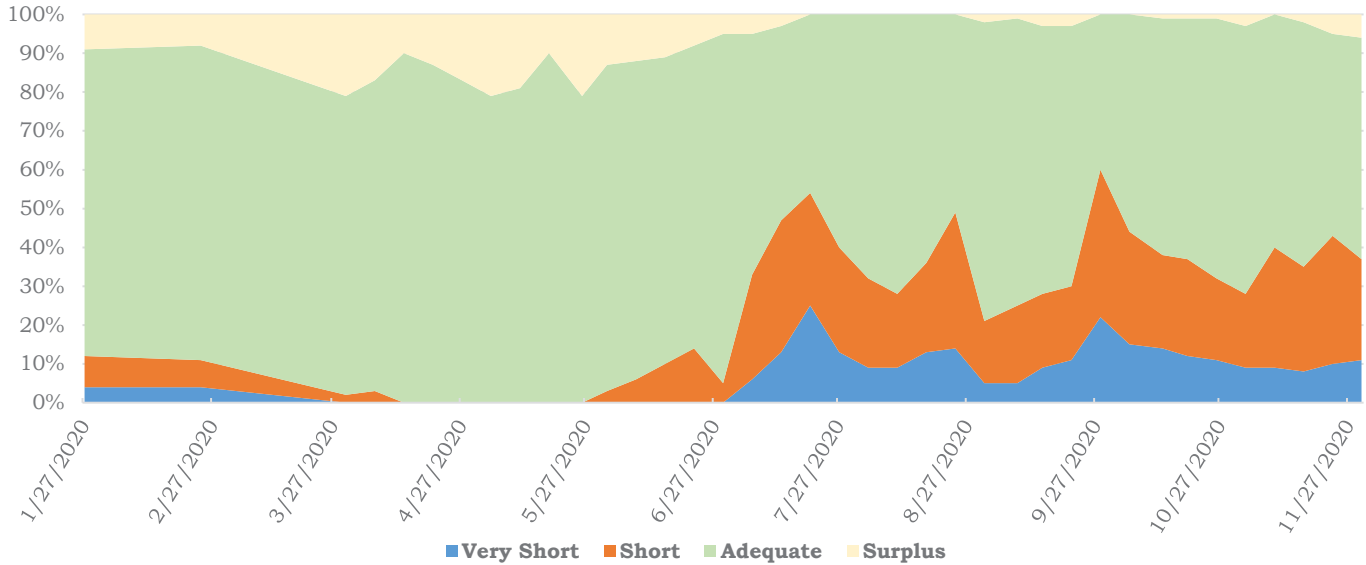


CROP PROGRESS AND CONDITION

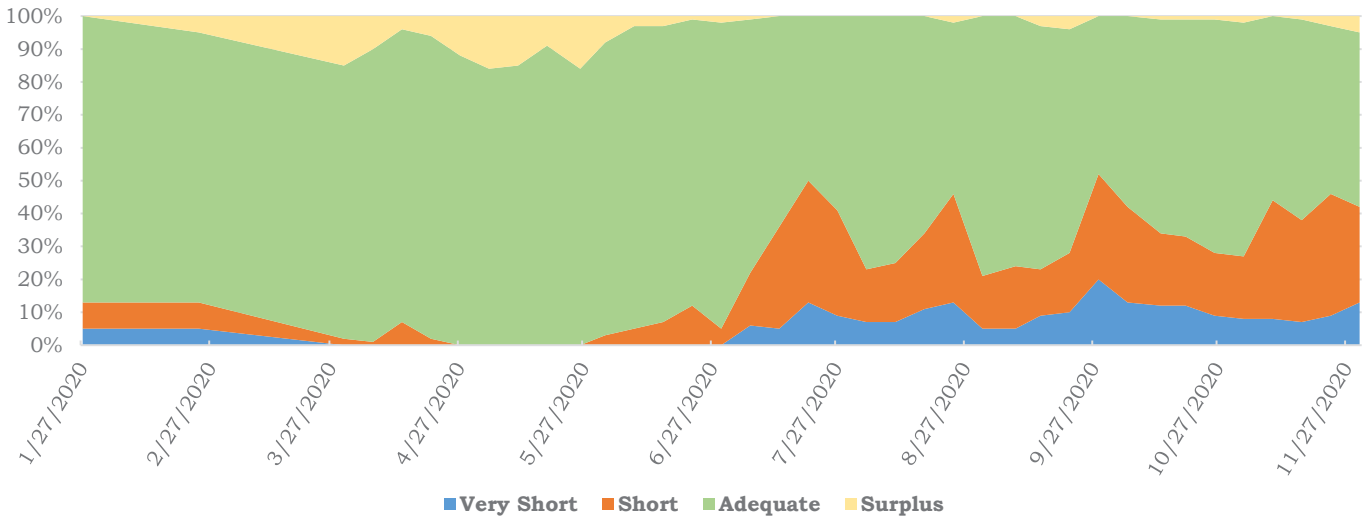
The *Crop Weather Bulletin* is one of the most widely read publications from NASS. Weekly reporting is done from April through November, then monthly reporting starts and goes from December through March. Crop and weather data are compiled into the

report. Surveys are completed by county extension agents and weather data are compiled from the National Weather Service. Below are charts showing the 2020 topsoil and subsoil moisture percentages for the crop weather season.

2020 Topsoil Moisture Percents



2020 Subsoil Moisture Percents



CROP PROGRESS AND CONDITION (continued)

2020 CLIMATOLOGICAL DATA ^{1/}

Average Temperatures													
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Wheeling	29	32	54	47	57	69	77	74	65	56	47	37	54
Parkersburg	31	34	56	48	58	70	78	74	66	57	49	39	55
Creston	31	32	55	49	58	70	78	74	66	57	49	40	55
Morgantown	32	34	55	48	58	70	78	74	66	57	49	40	55
Clarksburg	33	36	56	50	61	71	79	74	65	56	48	40	56
Belington	30	34	54	47	58	69	77	74	65	56	47	39	54
Weston	32	35	54	48	58	70	77	74	66	57	48	40	55
Williamson	34	39	60	52	61	72	79	76	68	59	51	44	58
Huntington	33	36	58	51	61	72	79	75	68	58	50	41	57
CHARLESTON NWS	31	35	57	49	60	71	79	75	67	57	49	40	56
RIPLEY	31	32	56	50	59	71	79	75	67	57	49	39	55
TERRA ALTA	29	30	54	45	55	66	75	70	63	54	45	37	52
ELKINS	31	33	55	47	57	68	74	71	64	54	47	39	53
MARLINTON	29	33	53	45	55	66	73	71	63	54	46	36	52
BECKLEY	27	33	54	46	55	65	72	69	61	54	46	39	52
PINEVILLE	32	37	57	49	59	70	78	75	67	59	51	43	56
BLUEFIELD	29	33	56	47	56	66	74	70	64	55	47	41	53
WHITE SULPHUR SPR.	27	33	55	47	57	67	74	72	63	55	47	39	53
BLUESTONE DAM	29	36	57	49	57	68	75	72	64	57	50	40	54
MARTINSBURG AP	33	37	49	50	59	72	79	77	65	58	49	37	55
KEYSER	29	35	54	49	58	71	79	76	66	57	48	37	55
MOOREFIELD	31	35	57	50	59	70	79	76	66	58	50	41	56

Precipitation

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
WHEELING	0.83	0.05	1.59	4.07	4.06	2.74	0.30	3.56	1.53	1.44	2.64	1.07	23.88
PARKERSBURG	1.07	0.35	0.57	3.82	9.12	4.27	1.61	4.55	1.84	1.54	3.96	1.50	34.20
CRESTON	1.09	0.43	1.08	4.80	9.95	3.22	2.01	6.98	1.59	2.26	5.37	1.32	40.10
MORGANTOWN	0.85	0.33	0.94	4.78	4.11	1.80	1.99	3.62	0.68	2.35	4.52	1.69	27.66
CLARKSBURG	1.02	0.47	1.33	5.47	5.49	4.95	3.39	5.10	1.50	2.06	4.45	1.05	36.28
BELINGTON	0.70	0.43	0.60	5.25	5.34	5.35	2.20	8.03	2.02	1.57	5.60	1.01	38.10
WESTON	1.07	0.57	1.24	6.45	8.74	5.52	3.88	7.06	1.39	2.17	5.66	1.31	45.06
WILLIAMSON	0.74	0.37	0.85	5.81	6.49	3.96	4.98	4.74	3.36	1.96	3.13	0.86	37.25
HUNTINGTON	0.77	0.28	0.55	4.45	6.32	2.20	2.70	5.47	2.89	2.90	4.48	1.26	34.27
CHARLESTON NWS	0.87	0.44	0.71	6.88	10.37	3.28	2.93	5.63	1.14	2.09	4.49	1.13	39.96
RIPLEY	1.10	0.43	0.67	4.62	8.13	4.93	1.78	4.84	2.20	2.27	3.78	1.08	35.83
TERRA ALTA	1.10	0.24	1.00	5.12	5.13	5.19	3.13	5.06	1.45	2.38	5.81	0.98	36.59
ELKINS	0.73	0.36	0.81	5.76	4.30	5.83	4.28	11.39	2.03	1.62	5.08	0.98	43.17
MARLINTON	1.09	0.15	1.24	5.80	5.03	7.45	3.06	10.65	1.25	2.40	6.14	1.11	45.37
BECKLEY	0.47	0.40	1.01	6.06	6.55	4.90	3.05	7.68	2.33	2.42	3.69	0.65	39.21
PINEVILLE	0.57	0.42	0.75	6.56	8.11	5.49	2.79	5.40	3.02	2.60	3.34	0.54	39.59
BLUEFIELD	0.97	0.33	2.08	6.53	9.19	5.50	2.53	5.84	3.52	2.05	5.29	0.64	44.47
WHITE SULPHUR SPR.	0.72	0.25	1.27	5.40	4.38	5.64	3.49	7.71	2.51	2.41	4.69	0.71	39.18
BLUESTONE DAM	0.74	0.25	1.09	6.21	7.75	4.64	1.25	8.30	3.46	1.86	4.05	0.67	40.27
MARTINSBURG AP	1.60	0.01	1.28	3.63	3.27	2.94	1.63	3.21	2.29	2.45	4.63	1.48	28.42
KEYSER	0.90	0.16	0.98	4.05	4.64	3.55	2.24	5.07	0.96	2.83	4.55	0.95	30.88
MOOREFIELD	1.05	0.13	0.61	3.81	2.80	3.01	4.02	4.60	0.88	2.04	4.08	1.01	28.04

^{1/} Based on weekly data from the Dept. of Commerce, National Oceanic & Atmospheric Administration National Weather Service, Charleston, WV.





LIVESTOCK



LIVESTOCK

CATTLE

All cattle inventory on January 1, 2021 was 375,000 head, down 20,000 head from the January 1, 2020 inventory. The inventory value for cattle was estimated at \$356.3 million, up less than 1 percent from the 2020 value of \$355.5 million. Value per head averaged \$950, up from \$900 in 2020. The 2020 calf crop was 175,000 head, down 20,000 head from 2019. All cows and heifers that have calved, at 195,000 head, is down 10,000 head from January 1, 2020. Beef production for 2020 totaled 136.0 million pounds live weight, down 7 percent from the 2019 production of 146.2 million pounds. Marketings totaled 157.3 million pounds, up 7 percent from 2019 marketings of 147.0 million pounds. Value of production decreased to \$141.9 million compared to the value of \$158.0 million in 2019. Gross income, including home consumption, totaled \$171.2 million, up 3 percent from the 2019 value of \$166.3 million.

MILK

The inventory of dairy cows in West Virginia on January 1, 2021 was 5,000 head, down 1,000 from January 1, 2020. Milk cow market year average price received in 2020 averaged \$1,110.00 per head, up from \$990.00 per head in 2019. The total milk produced in 2020 was 89 million pounds, down 1 million pounds from the total of 90 million pounds in 2019. There were 87 million pounds marketed in 2020, down 1 million pounds from the total of 88 million pounds in 2019. Cash receipts from the milk marketed totaled \$15.2 million, down 6 percent from the cash receipts of \$16.2 million in 2019. The gross producer income, including home consumption, totaled \$15.4 million, down 6 percent from \$16.4 million in 2019.

HOGS AND PIGS

Hog and pig inventory on December 1, 2020, totaled 3,000 head, unchanged from the 2019 inventory of 3,000 head. The inventory value was estimated at \$318,000, up 1 percent from the value of \$315,000 for 2019. The pig crop totaled 4,900 head, down 9 percent from the 2019 total of 5,400 head. Pork production for 2020 was 1.55 million pounds, down 5 percent from 2019. Marketings of 1.38 million pounds during 2020 were 13 percent below the 2019 total marketings of 1.58 million pounds. The value of production was \$739 thousand, 12 percent below the 2019 value of production of \$838 thousand. The gross income from hog production, including home consumption, totaled \$784 thousand, a decrease of 15 percent from the 2019 value of \$920 thousand.

SHEEP AND LAMBS

Sheep and lamb inventory on January 1, 2021 was estimated at 30,000 head, down 3,000 head from January 1, 2020. The inventory value at \$5.8 million was down from the value of \$6.2 million in 2020. Value per head averaged \$192.00, up \$5.00 per head from 2020. The 2020 lamb crop totaled 25,000 head, down 3,000 head from the previous year total of 28,000 head. Sheep shorn in 2020 totaled 13,000 head, down 3,000 head from 2019. The average fleece weight was 5.4 pounds, giving a production of 70,000 pounds, down 20 percent from the 2019 production of 87,000 pounds. The average price per pound for wool was \$1.50, unchanged from the average price paid in 2019. Value of production for wool totaled 105,000 dollars, down 26,000 dollars from the value of 131,000 dollars in 2019.

GOATS

Meat and other goat inventory (excluding milk and angora goats) on January 1, 2021, totaled 19,000 head, up 1,000 head from January 1, 2020. Milk goat inventory and Angora goat inventory was not published to avoid disclosing individual operations.

GOATS AND KIDS: Number on Farms, by Type, January 1, 2012-2021

Year	Meat & Other	Dairy
2012	21,000	2,500
2013	20,000	2,300
2014	19,000	2,000
2015	21,000	1/
2016	21,000	1/
2017	21,000	1/
2018	21,000	1/
2019	19,000	1/
2020	18,000	1/
2021	19,000	1/

1/ Inventory not published to avoid disclosing individual operations.





HONEY

Honey production in 2020 from producers with five or more colonies totaled 276,000 pounds, up 24 percent from 222,000 pounds in 2019. There were 6,000 producing colonies in 2020, unchanged from 2019. Yield per colony averaged 46 pounds, up 24 percent from the yield per colony of 37 pounds in 2019. Honey stocks on December 15, 2020, were

reported at 58,000 pounds, up 23 percent from 47,000 pounds in 2019. Prices for the 2020 crop averaged \$3.89 per pound, down 9 percent from the price of \$4.26 per pound in 2019. Value of production totaled \$1,074,000, up \$128,000, or 14 percent, from \$946,000 in 2019.

HONEY: Number of Colonies, Production, Value and Stocks, 2016-2020 ^{1/}

Year	Producing Colonies	Production		Average Price per Pound	Value	Stocks ^{2/}
		per Colony	Total			
	(000)	(Pounds)	(000 Pounds)	(Dollars)	(000 Dollars)	(000 Pounds)
2016	5	32	160	3.92	627	43
2017	6	40	240	3.93	943	50
2018	6	37	222	4.33	961	38
2019	6	37	222	4.26	946	47
2020	6	46	276	3.89	1,074	58

^{1/} For producers with 5 or more colonies. ^{2/} Stocks held by producers as of December 15. Does not include stocks under loan.

TROUT

The total value of fish sold for 2020 was 840 thousand dollars, a decrease of 25 percent from the 2019 total value of 1.12 million dollars. Trout losses in 2020 and 2019 were withheld to avoid disclosing data for individual operations. The number of trout 12 inches and longer sold during 2020 totaled 350,000 fish, down from 400,000 fish in 2019. The

average price per pound was \$2.45, down from \$2.62 per pound in 2019. The value of sales for the 2020 marketing year was 840 thousand dollars, down from 1.07 million dollars in 2019. Other size categories are not published to avoid disclosure of individual operations.

UNITED STATES TROUT: Number, Weight and Value of Foodsize Sales (12" or longer in length), 2019-2020

Year	Number Sold	Pounds Sold ^{1/}	Value of Sales	Avg. Price per Pound
	(000)		(000 Dollars)	(Dollars)
2019	31,865	50,958	98,514	1.93
2020	25,430	44,077	86,987	1.97

^{1/}Pounds sold live weight.

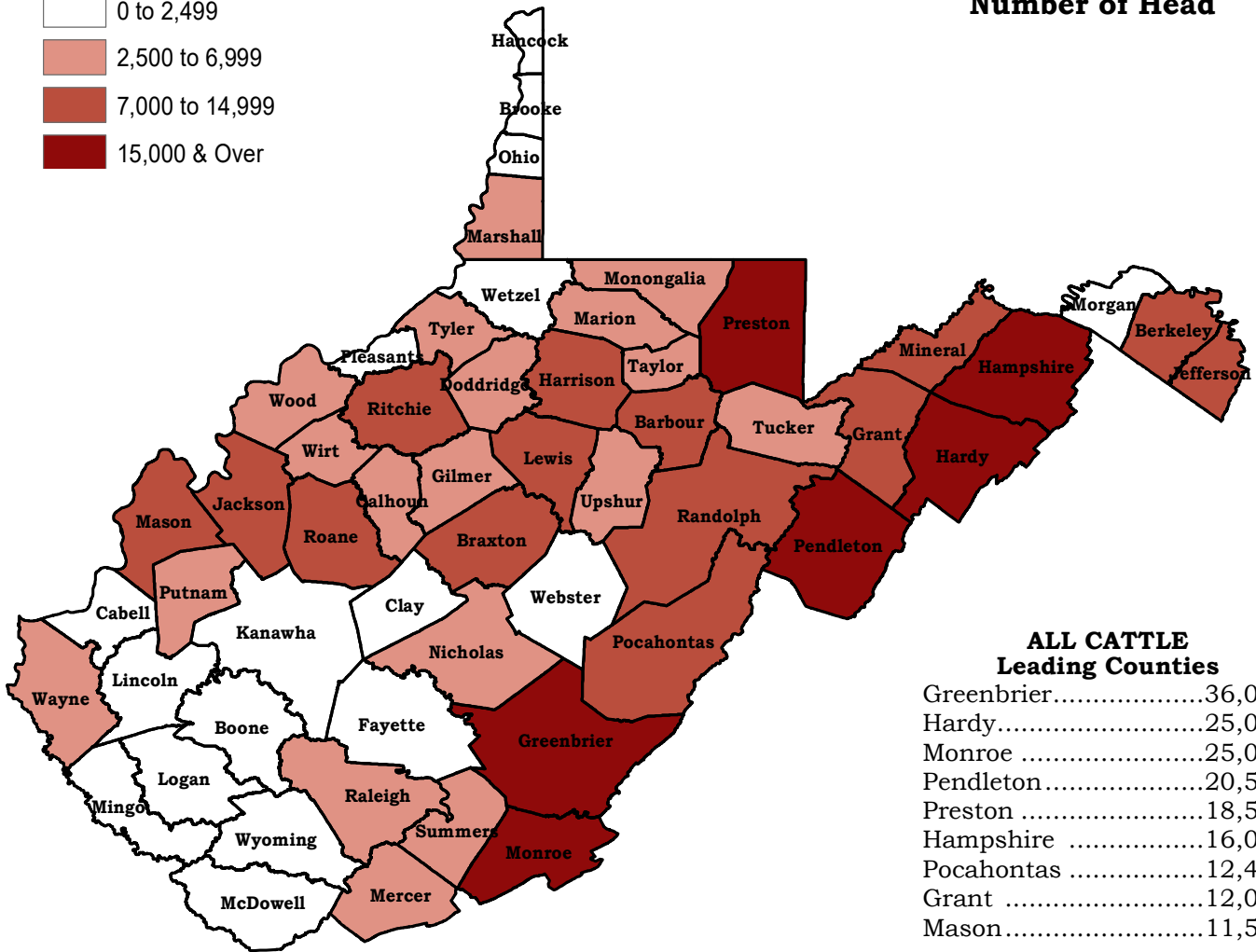
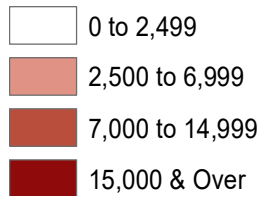
WEST VIRGINIA TROUT: Number, Weight and Value of Foodsize Sales (12" or longer in length), 2016-2020

Year	Number Sold	Pounds Sold ^{1/}	Value of Sales	Avg. Price per Pound
	(000)		(000 Dollars)	(Dollars)
2016	630	569	1,223	2.15
2017	590	515	1,045	2.03
2018	450	435	1,005	2.31
2019	400	410	1,074	2.62
2020	350	343	840	2.45

^{1/} Pounds sold live weight.

ALL CATTLE 2021 Number of Head

HEAD



ALL CATTLE Leading Counties

Greenbrier.....	36,000
Hardy.....	25,000
Monroe	25,000
Pendleton.....	20,500
Preston	18,500
Hampshire	16,000
Pocahontas	12,400
Grant	12,000
Mason.....	11,500

CATTLE AND CALVES: Number on Farms and Value, January 1, 2012-2021

Year	Cows		Heifers 500 Lbs. and Over			Steers 500 Lbs. and Over	Bulls 500 Lbs. and Over	Calves Under 500 Lbs.	All Cattle and Calves	Value	
	Beef	Milk	Beef Cow Replacement	Milk Cow Replacement	Other Heifers					per Head	Total
	(000 Head)									(Dollars)	(000 Dollars)
2012	195	10	36	5	26	43	14	61	390	990	386,100
2013	200	10	36	5	25	48	14	72	410	1,050	430,500
2014	191	9	35	5	24	45	14	62	385	1,150	442,750
2015	185	9	33	4	20	44	13	62	370	1,460	540,200
2016	201	9	35	4	18	36	15	72	390	1,270	495,300
2017	207	8	38	4	17	39	15	77	405	930	376,650
2018	203	7	37	3	18	41	15	71	395	1,000	395,000
2019	198	7	32	3	20	42	14	74	390	870	339,300
2020	199	6	34	3	22	44	15	72	395	900	355,500
2021	190	5	32	2	22	44	14	66	375	950	356,250





ALL CATTLE AND MILK COWS: Number on Farms, January 1, 2020-2021

County	All Cattle ^{1/}		Milk Cows	
	2020	2021	2020	2021
	(Number of Head)		(Number of Head)	
Barbour	10,500	9,900	(D)	(D)
Berkeley	11,000	10,600	700	600
Boone	(D)	(D)	-	-
Braxton	7,500	7,100	(D)	(D)
Brooke	1,600	1,500	(D)	(D)
Cabell	2,500	2,400	(D)	(D)
Calhoun	3,500	3,400	(D)	(D)
Clay	1,000	900	-	-
Doddridge	3,000	2,800	-	-
Fayette	2,500	2,400	(D)	(D)
Gilmer	5,600	5,300	-	-
Grant	12,500	12,000	(D)	(D)
Greenbrier	38,000	36,000	500	400
Hampshire	16,500	16,000	(D)	(D)
Hancock	500	500	-	-
Hardy	26,500	25,000	(D)	(D)
Harrison	11,500	10,800	100	100
Jackson	10,000	9,500	200	200
Jefferson	11,000	10,300	1,300	1,100
Kanawha	1,400	1,300	(D)	(D)
Lewis	9,000	8,700	-	-
Lincoln	1,400	1,300	(D)	(D)
Logan	(D)	(D)	-	-
McDowell	(D)	(D)	-	-
Marion	4,200	3,900	(D)	-
Marshall	5,500	5,300	(D)	(D)
Mason	12,000	11,500	500	400
Mercer	6,100	5,800	(D)	(D)
Mineral	7,600	7,200	(D)	(D)
Mingo	400	300	-	-
Monongalia	6,500	6,200	300	300
Monroe	26,000	25,000	800	600
Morgan	1,500	1,500	-	-
Nicholas	5,500	4,600	(D)	(D)
Ohio	2,600	2,400	300	200
Pendleton	21,500	20,500	(D)	(D)
Pleasants	1,800	1,700	-	-
Pocahontas	13,000	12,400	(D)	(D)
Preston	19,500	18,500	500	400
Putnam	4,300	4,100	(D)	(D)
Raleigh	3,300	3,100	(D)	(D)
Randolph	8,800	8,400	(D)	(D)
Ritchie	9,000	8,500	(D)	(D)
Roane	9,100	8,700	(D)	(D)
Summers	6,300	6,000	(D)	(D)
Taylor	5,300	5,100	(D)	(D)
Tucker	2,600	2,500	-	-
Tyler	3,900	3,700	(D)	-
Upshur	5,500	5,100	(D)	(D)
Wayne	2,600	2,500	(D)	(D)
Webster	500	500	-	-
Wetzel	1,400	1,300	-	-
Wirt	4,400	4,100	-	-
Wood	7,100	6,700	(D)	(D)
Wyoming	100	100	-	-
Other ^{2/}	100	100	800	700
West Virginia	395,000	375,000	6,000	5,000

^{1/} Includes milk cows. ^{2/} Includes counties with less than 100 head of milk cows and counties not published to avoid disclosing individual operations. -Represents zero. D- Withheld to avoid disclosing data for individual farms.

CATTLE AND CALVES: Production, Value and Income, 2011-2020

Year	Production ^{1/}	Marketings ^{2/}	Value of Production	Cash Receipts ^{3/}	Value of Home Consumption	Gross Income
	(000 Lbs.)		(000 Dollars)		(000 Dollars)	
2011	133,849	130,200	141,611	137,715	6,020	143,735
2012	137,568	140,570	170,343	172,570	4,589	177,159
2013	141,109	168,750	170,384	203,850	5,844	209,694
2014	134,658	156,300	217,215	251,814	6,306	258,120
2015	136,673	130,190	220,334	210,960	7,674	218,634
2016	146,234	142,350	172,920	169,923	5,717	175,640
2017	154,166	167,250	177,584	194,310	5,666	199,976
2018	144,940	159,100	161,904	178,085	4,352	182,437
2019	146,199	146,960	157,964	160,160	6,155	166,315
2020	135,966	157,290	141,872	165,176	6,056	171,232

^{1/} Adjustments made for inshipments and changes in inventory. ^{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.

CATTLE AND CALVES: Inventory Number, Supply and Disposition, 2011-2020 ^{1/}

Year	Inventory January 1	Calves Born	Inshipments	Marketings ^{2/}		Farm Slaughter ^{3/}	Deaths		Inventory January 1, Following Year
				Cattle	Calves		Cattle	Calves	
	(000 Head)								
2011	370	185	30	106.0	73.0	1.0	6	9	390
2012	390	195	32	111.0	77.0	0.6	8	10	410
2013	410	180	25	138.0	76.5	1.5	5	9	385
2014	385	180	20	125.0	75.0	2.0	5	8	370
2015	370	190	19	101.0	66.5	1.5	7	13	390
2016	390	200	20	108.0	77.5	1.5	7	11	405
2017	405	195	20	128.0	81.5	1.5	5	9	395
2018	395	190	20	120.0	76.5	1.5	7	10	390
2019	390	195	20	113.5	75.5	2.0	8	11	395
2020	395	175	20	124.0	74.0	2.0	6	9	375

^{1/} Balance sheet estimates: the sum of inventory, January 1, calf crop and inshipments is equal to the sum of marketings, farm slaughter, deaths and inventory, January 1, following year. ^{2/} Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. ^{3/} Excludes custom slaughter for farmers at commercial establishments.

MILK: Production of Milk and Milkfat, 2011-2020

Year	Number of Milk Cows on Farms ^{1/}	Production of Milk and MilkFat				
		per Milk Cow		Percentage of Fat in Milk Produced	Total ^{2/}	
		Milk	Milkfat		Milk	Milkfat
	(000 Head)	(Pounds)		(Percent)	(Million Pounds)	
2011	10	15,700	570	3.63	157	5.7
2012	10	15,400	573	3.72	154	5.7
2013	10	15,200	567	3.73	152	5.7
2014	9	15,556	576	3.70	140	5.2
2015	9	15,667	578	3.69	141	5.2
2016	9	14,889	554	3.72	134	5.0
2017	8	15,875	602	3.79	127	4.8
2018	7	15,857	606	3.82	111	4.2
2019	7	15,000	576	3.84	90	3.5
2020	6	14,833	576	3.88	89	3.5

^{1/} Average number during year, excluding heifers not yet fresh. ^{2/} Excludes milk sucked by calves.





MILK: Disposition and Marketing, 2011-2020

Year	Used on Farms Where Produced			Marketed & Sold by Producers
	Fed to Calves	Used for Milk, Cream & Butter	Total	
	(Million Pounds)			
2011	1	1	2	155
2012	1	1	2	152
2013	1	1	2	150
2014	1	1	2	138
2015	1	1	2	139
2016	2	1	3	131
2017	2	1	3	124
2018	1	1	2	109
2019	1	1	2	88
2020	1	1	2	87

MILK: Marketings, Income and Value, 2011-2020

Year	Combined Marketings of Milk and Cream ^{1/}				Used for Milk, Cream and Butter by Producers		Gross Producer Income ^{3/}	Value of Milk Produced ^{2/4/}
	Milk Utilized	Average Returns		Cash Receipts from Marketings	Milk Utilized	Value ^{2/}		
		per Cwt. Milk	per Lb. Milkfat					
	(Million Lbs.)	(Dollars)		(000 Dollars)	(Million Lbs.)	(000 Dollars)	(000 Dollars)	
2011	155	20.80	5.73	32,240	1	208	32,448	32,656
2012	152	19.00	5.11	28,880	1	190	29,070	29,260
2013	150	20.30	5.44	30,450	1	203	30,653	30,856
2014	138	24.40	6.59	33,672	1	244	33,916	34,160
2015	139	17.50	4.74	24,325	1	175	24,500	24,675
2016	131	16.10	4.33	21,091	1	161	21,252	21,574
2017	124	18.00	4.75	22,320	1	180	22,500	22,860
2018	109	16.40	4.29	17,876	1	164	18,040	18,204
2019	88	18.40	4.79	16,192	1	184	16,376	16,560
2020	87	17.50	4.51	15,225	1	175	15,400	15,575

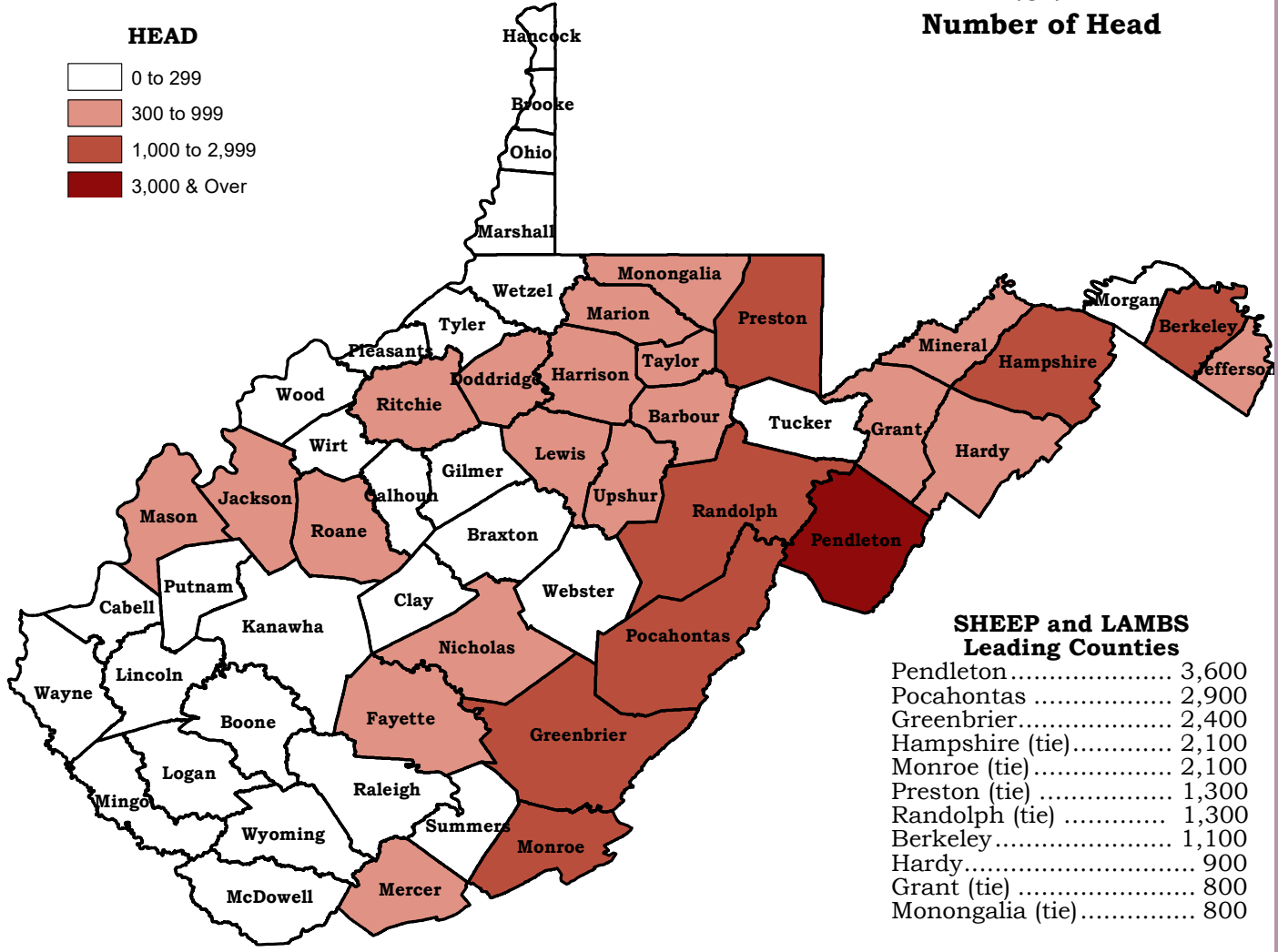
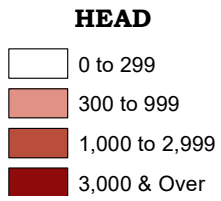
^{1/} Cash receipts divided by milk or milkfat in combined marketings. ^{2/} Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. ^{3/} Cash receipts from marketings of milk and cream plus value of milk used for home consumption. ^{4/} Includes value of milk fed to calves.

MILK PRODUCTION: Number of Cows and Production, Quarterly, 2016-2020

Year	Jan. - March	April - June	July - Sept.	Oct. - Dec.	Annual
AVERAGE NUMBER OF COWS (Thousand Head)					
2016	9.0	9.0	8.0	8.0	9.0
2017	8.0	8.0	7.5	7.0	8.0
2018	7.0	7.0	7.0	7.0	7.0
2019	6.5	6.0	6.0	6.0	6.0
2020	6.0	6.0	6.0	6.0	6.0
PRODUCTION PER COW (Pounds) ^{1/}					
2016	4,000	4,000	3,875	3,875	14,889
2017	4,125	4,250	4,100	4,100	15,875
2018	4,300	4,100	3,900	3,600	15,857
2019	3,700	3,800	3,700	3,500	15,000
2020	3,800	3,800	3,700	3,500	14,833
TOTAL PRODUCTION (Million Pounds)					
2016	36	36	31	31	134
2017	33	34	31	29	127
2018	30	29	27	25	111
2019	24	23	22	21	90
2020	23	23	22	21	89

^{1/} Derived from total production and average number of cows by quarter. May not add to annual due to rounding.

SHEEP AND LAMBS 2021 Number of Head



**SHEEP and LAMBS
Leading Counties**

Pendleton.....	3,600
Pocahontas	2,900
Greenbrier.....	2,400
Hampshire (tie).....	2,100
Monroe (tie).....	2,100
Preston (tie).....	1,300
Randolph (tie).....	1,300
Berkeley.....	1,100
Hardy.....	900
Grant (tie).....	800
Monongalia (tie).....	800

SHEEP AND LAMBS: Inventory, By Class and Value, January 1, 2012-2021

Year	Breeding Sheep One Year & Older		Replacement Lambs	Total Breeding Sheep & Lambs	Total Market Sheep & Lambs	Total Sheep & Lambs	Value	
	Ewes	Rams					per Head	Total
	(000 Head)						(Dollars)	(000 Dollars)
2012	23.0	1.0	4.0	28.0	5.0	33.0	219.00	7,227
2013	22.0	1.0	4.0	27.0	3.0	30.0	190.00	5,700
2014	22.0	1.0	4.0	27.0	5.0	32.0	184.00	5,888
2015	22.0	1.0	4.0	27.0	6.0	33.0	214.00	7,062
2016	24.0	1.0	5.0	30.0	6.0	36.0	199.00	7,164
2017	23.0	1.0	4.0	28.0	6.0	34.0	195.00	6,630
2018	23.0	1.0	4.0	28.0	7.0	35.0	195.00	6,825
2019	21.0	1.0	4.0	26.0	6.0	32.0	192.00	6,144
2020	22.0	1.5	3.5	27.0	6.0	33.0	187.00	6,171
2021	21.0	1.5	3.5	26.0	4.0	30.0	192.00	5,760





SHEEP AND LAMBS: Number on Farms, January 1, 2020-2021

County	2020 (Number of Head)	2021 (Number of Head)
Barbour	700	600
Berkeley	1,200	1,100
Boone	-	-
Braxton	200	200
Brooke	(D)	(D)
Cabell	200	200
Calhoun	300	200
Clay	100	100
Doddridge	300	300
Fayette	400	400
Gilmer	300	200
Grant	900	800
Greenbrier	2,600	2,400
Hampshire	2,300	2,100
Hancock	-	-
Hardy	1,000	900
Harrison	700	600
Jackson	700	600
Jefferson	800	700
Kanawha	(D)	(D)
Lewis	300	300
Lincoln	100	100
Logan	-	-
McDowell	(D)	(D)
Marion	400	400
Marshall	200	100
Mason	600	600
Mercer	600	600
Mineral	600	500
Mingo	(D)	(D)
Monongalia	900	800
Monroe	2,300	2,100
Morgan	(D)	(D)
Nicholas	400	400
Ohio	100	100
Pendleton	4,000	3,600
Pleasants	(D)	(D)
Pocahontas	3,200	2,900
Preston	1,500	1,300
Putnam	100	100
Raleigh	200	200
Randolph	1,400	1,300
Ritchie	500	400
Roane	300	300
Summers	200	200
Taylor	700	700
Tucker	100	100
Tyler	300	200
Upshur	300	300
Wayne	(D)	(D)
Webster	100	100
Wetzel	200	200
Wirt	(D)	(D)
Wood	200	200
Wyoming	-	-
Other ^{1/}	500	500
West Virginia	33,000	30,000

^{1/} Includes counties with less than 100 head or total sheep and lambs and counties not published to avoid disclosing individual operations.
 - Represents zero. D-Withheld to avoid disclosing data for individual farms.

SHEEP AND LAMBS: Inventory, Supply and Disposition, 2011-2020 ^{1/}

Year	Inventory January 1 ^{2/}	Lamb Crop	Farm Slaughter ^{3/}	Deaths		Inventory January 1, Following Year
				Sheep	Lambs	
(000 Head)						
2011	34.0	31.0	0.1	2.5	5.5	33.0
2012	33.0	29.0	0.1	1.5	4.0	30.0
2013	30.0	31.0	0.2	1.5	5.0	32.0
2014	32.0	29.0	0.9	2.0	5.0	33.0
2015	33.0	25.0	0.9	2.5	6.0	36.0
2016	36.0	28.0	0.9	2.0	4.0	34.0
2017	34.0	27.0	1.0	2.0	4.0	35.0
2018	35.0	26.0	0.2	2.2	4.2	32.0
2019	32.0	28.0	0.5	2.0	4.5	33.0
2020	33.0	25.0	0.5	1.5	3.0	30.0

^{1/} Balance sheet estimates: the sum of inventory, January 1, lamb crop and inshipments is equal to the sum of marketings, farm slaughter, deaths and inventory, January 1, following year. ^{2/} Includes new crop lambs. ^{3/} Excludes custom slaughter for farmers at commercial establishments.

WOOL: Sheep Shorn, Wool Production and Value, 2011-2020

Year	Sheep Shorn	Weight per Fleece	Shorn Wool Production	Price per Pound	Value
	(000 Head)	(Pounds)	(000 Pounds)	(Dollars)	(000 Dollars)
2011	21.0	6.0	125	0.82	103
2012	19.0	6.1	115	0.94	108
2013	19.0	5.5	105	0.86	90
2014	20.0	5.7	114	0.86	98
2015	22.0	5.5	120	1.00	120
2016	20.0	5.0	100	1.25	125
2017	18.0	5.8	105	1.45	152
2018	17.0	5.4	92	1.40	129
2019	16.0	5.4	87	1.50	131
2020	13.0	5.4	70	1.50	105





FARROWINGS: Sows Farrowed, Pigs per Litter and Pigs Crop, 2016-2020

Year	Annual Total ^{1/}		
	Sows Farrowed	Pigs per Litter	Pig Crop
	(000 Head)	(Number)	(000 Head)
2016	0.7	7.57	5.3
2017	0.7	8.14	5.7
2018	0.8	7.63	6.1
2019	0.7	7.71	5.4
2020	0.6	8.17	4.9

^{1/} December, preceding year, through November.

HOGS AND PIGS: Inventory Number, Supply and Disposition, 2016-2020 ^{1/}

Year	Inventory Dec. 1	Pig Crop (Dec. - Nov.)	Inshipments	Marketings ^{2/}	Farm Slaughter ^{3/}	Deaths
	(000 Head)					
2016	4.0	5.3	0.2	5.1	0.8	0.6
2017	5.0	5.7	0.2	4.1	0.2	0.6
2018	4.0	6.1	0.3	6.0	0.3	1.1
2019	3.0	5.4	0.4	6.0	0.2	0.6
2020	3.0	4.9	0.7	4.9	0.3	0.4

^{1/} Balance sheet estimate: the sum of inventory, December 1, previous year pig crop and inshipments is equal to the sum of marketings, farm slaughter, deaths and inventory, December 1, current year. ^{2/} Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. ^{3/} Excludes custom slaughter for farmers at commercial establishments.

HOGS AND PIGS: Production, Value and Income, 2016-2020

Year	Production ^{1/}	Marketings ^{2/}	Value of Production ^{3/}	Cash Receipts ^{3/4/}	Value of Home Consumption	Gross Income
	(000 Pounds)		(000 Dollars)			
2016	1,390	1,065	703	552	260	812
2017	1,356	1,008	735	557	94	651
2018	1,480	1,540	750	795	102	897
2019	1,641	1,576	838	803	117	920
2020	1,551	1,378	739	669	115	784

^{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/} Includes allowance for higher average price of State inshipments and outshipments of feeder pigs.

^{4/} Receipts from marketings and sale of farm slaughter.

HOGS AND PIGS: Inventory Number, By Class and Value, December 1, 2016-2020

Year	Breeding	Market	Market Hogs & Pigs by Weight				All Hogs	Value	
			Under 50 Lbs.	50-119 Lbs.	120-179 Lbs.	180 Lbs. & Over		per Head	Total
	(000 Head)						(Dollars)	(000 Dollars)	
2016	1.0	3.0	0.5	1.0	0.5	1.0	4.0	105.00	420
2017	1.0	4.0	1.0	0.5	0.5	2.0	5.0	110.00	550
2018	1.0	3.0	1.0	0.5	0.5	1.0	4.0	112.00	448
2019	1.0	2.0	0.5	0.5	0.5	0.5	3.0	105.00	315
2020	1.0	2.0	0.5	0.5	0.5	0.5	3.0	106.00	318

SLAUGHTER: Commercial Red Meat Production, 2016-2020 ^{1/}

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total ^{2/}
(000) Pounds													
2016	500	500	600	500	400	400	500	600	700	1,000	700	800	7,300
2017	800	500	500	500	500	400	500	600	800	1,200	800	800	7,900
2018	700	500	500	500	500	400	600	700	800	1,400	900	900	8,400
2019	800	500	600	500	500	400	400	600	900	1,200	800	900	8,200
2020	800	600	900	900	1,300	1,100	1,100	1,100	1,300	1,500	1,100	1,100	12,800

^{1/} Based on packers' dressed weights, excluding farm slaughter. Includes total beef, veal, pork, lamb and mutton. ^{2/} Totals based on unrounded data and may not equal sum of parts.

COMMERCIAL LIVESTOCK SLAUGHTER: Number of Head and Live Weight, 2011-2020 ^{1/}

Year	Cattle			Hogs		
	Head	Live Weight		Head	Live Weight	
		Average	Total ^{2/}		Average	Total ^{2/}
	(Number)	(Pounds)	(000 Pounds)	(Number)	(Pounds)	(000 Pounds)
2011	11,400	1,007	11,447	7,500	250	1,887
2012	9,700	978	9,499	8,100	258	2,084
2013	9,500	1,002	9,556	7,200	260	1,875
2014	8,700	992	8,646	7,100	263	1,864
2015	7,900	1,020	8,074	8,600	275	2,364
2016	8,500	1,029	8,737	9,200	285	2,624
2017	9,500	1,027	9,767	9,400	289	2,720
2018	10,500	1,020	10,723	8,800	285	2,513
2019	10,800	990	10,695	7,700	288	2,224
2020	16,900	1,093	18,497	11,000	300	3,305

^{1/} Includes slaughter in federally inspected and in custom slaughter plants, but excludes animals slaughtered on farms. Calves not published to avoid disclosing individual operations. ^{2/} Totals may not add due to rounding.

SLAUGHTER: Number of Federally Inspected Plants and Head Slaughtered, By Size Group, United States, 2020

Size Group	Number of Plants	Thousand Head	Size Group	Number of Plants	Thousand Head
Cattle			Hogs		
1-999	446	170.9	1-999	389	127.0
1,000-9,999	152	349.2	1,000-9,999	133	359.1
10,000-49,999	30	726.4	10,000-99,999	37	1,367.5
50,000-99,999	5	396.8	100,000-249,999	17	2,762.0
100,000-199,999	8	1,084.9	250,000-499,999	6	2,038.6
200,000-299,999	6	1,537.2	500,000-999,999	6	3,898.8
300,000-499,999	16	6,378.4	1,000,000-1,999,999 ..	5	7,127.2
500,000-999,999	7	4,188.6	2,000,000-2,999,999 ..	11	28,046.1
1,000,000+	13	17,319.1	3,000,000-3,999,999 ..	3	9,829.9
Total ^{1/}	683	32,151.5	Total ^{1/}	621	130,782.2
Calves			Sheep and Lambs		
1-99	124	2.1	1-999	423	62.7
100-999	28	11.5	1,000-9,999	66	278.9
1,000-9,999	11	25.6	10,000-24,999	23	370.4
10,000-24,999	2	29.7	25,000-99,999	6	280.5
25,000-49,999	4	131.7	100,000-249,999	3	532.4
50,000+	3	246.3	250,000+	1	369.8
Total ^{1/}	172	446.8	Total ^{1/}	522	1,894.8

^{1/}Totals may not add due to rounding.





POULTRY



POULTRY

CHICKENS

The total number of chickens on hand December 1, 2020 (excluding commercial broilers) was 2.18 million head, down 2 percent from the 2019 total of 2.21 million. Total inventory value was \$15.9 million, down 9 percent from the 2019 value of \$17.5 million. Value of sales of chickens (excluding broilers) totaled \$345.4 thousand, down from \$761.3 thousand in 2019. Prices averaged 2.7 cents per pound, down from the 2019 price of 5.7 cents per pound.

EGGS

Egg production in West Virginia during the production year (December 1, 2019 - November 30, 2020) totaled 290.3 million eggs. This was 5 percent down from the 2019 production of 306.2 million eggs. Layer numbers during 2020 averaged 1.26 million, down less than 1 percent from the 2019 average of 1.27 million. The average annual production per layer was 230 eggs, down 11 eggs per layer from the 2019 total of 241 eggs per layer. The average price per dozen was 234.3 cents, up from the 2019 average price per dozen of 217.6 cents. The total value of production was \$56.7 million, up 2 percent from the 2019 total of \$55.5 million.

BROILERS

There were 70.2 million broilers produced in West Virginia during 2020, down 7 percent from the number of 75.5 million broilers produced in 2019. Total live weight was 273.8 million pounds, down 5 percent from 286.9 million pounds in 2019. Value of production totaled \$99.9 million, down 28 percent from the 2019 value of \$139.4 million. The average live weight equivalent price of 36.5 cents per pound is down from the 2019 average live weight equivalent price of 48.6 cents per pound.

TURKEYS

Turkeys raised in West Virginia totaled 3.9 million, up 500,000 from the 2019 total. Total live weight was 126.0 million pounds, up 16 percent from 2019. Value of production totaled \$89.3 million, up 42 percent from the 2019 value of production of \$63.0 million. The average live weight equivalent price was 70.9 cents per pound, up 13.0 cents per pound from the 2019 price of 57.9 cents.

VALUE OF PRODUCTION AND SALES

The combined value of production and value of sales from broilers, turkeys, eggs, and the value of sales from chickens in 2020, was \$246.3 million, down 5 percent from the combined value of \$258.7 million in 2019.

EGGS: Production, Disposition and Income, 2011-2020

Year	Layers ^{1/}	Eggs Produced per Layer ^{2/}	Total Eggs Produced	Price per Dozen ^{3/}	Value of Production
	(000 Birds)	(Number)	(Million Eggs)	(Dollars)	(000 Dollars)
2011	1,080	219	237.0	1.99	39,398
2012	1,006	223	224.0	2.18	40,760
2013	1,085	224	243.1	2.30	46,631
2014	1,188	231	274.7	2.46	56,300
2015	1,221	229	279.2	2.35	54,603
2016	1,263	227	287.1	2.34	55,890
2017	1,244	221	274.7	2.20	50,249
2018	1,284	230	295.9	2.22	54,681
2019	1,269	241	306.2	2.18	55,512
2020	1,261	230	290.3	2.34	56,688

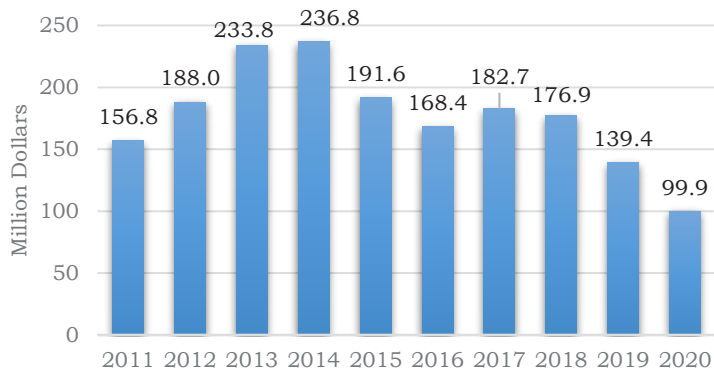
^{1/} Average number during the year. ^{2/} Eggs produced during the year divided by average layers on hand during the year. ^{3/} Eggs produced are for broiler hatching and not table egg production. Value of production divided by eggs produced, then multiplied by 12.



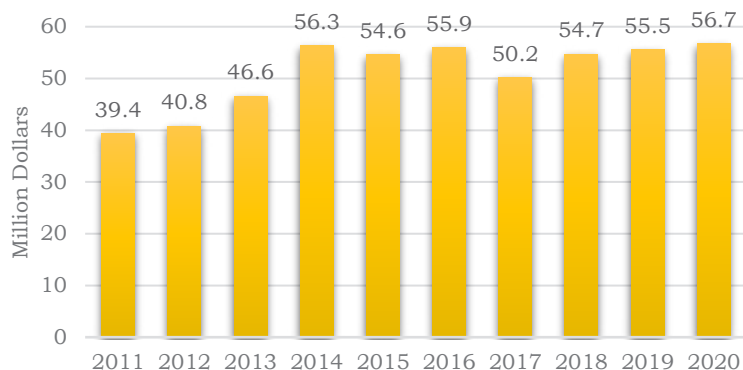


VALUE OF POULTRY PRODUCTION AND SALES 2011-2020

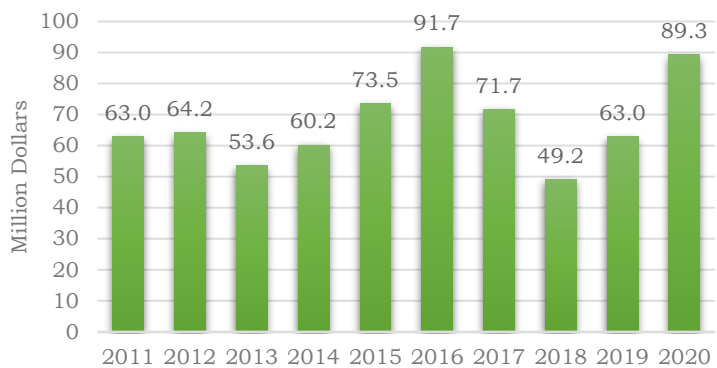
Commercial Broilers Value of Production



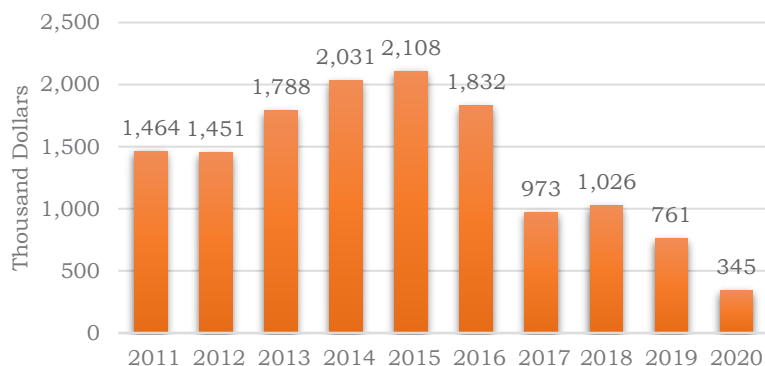
All Eggs Value of Production



Turkeys Value of Production



Chickens Sold for Slaughter Value of Sales

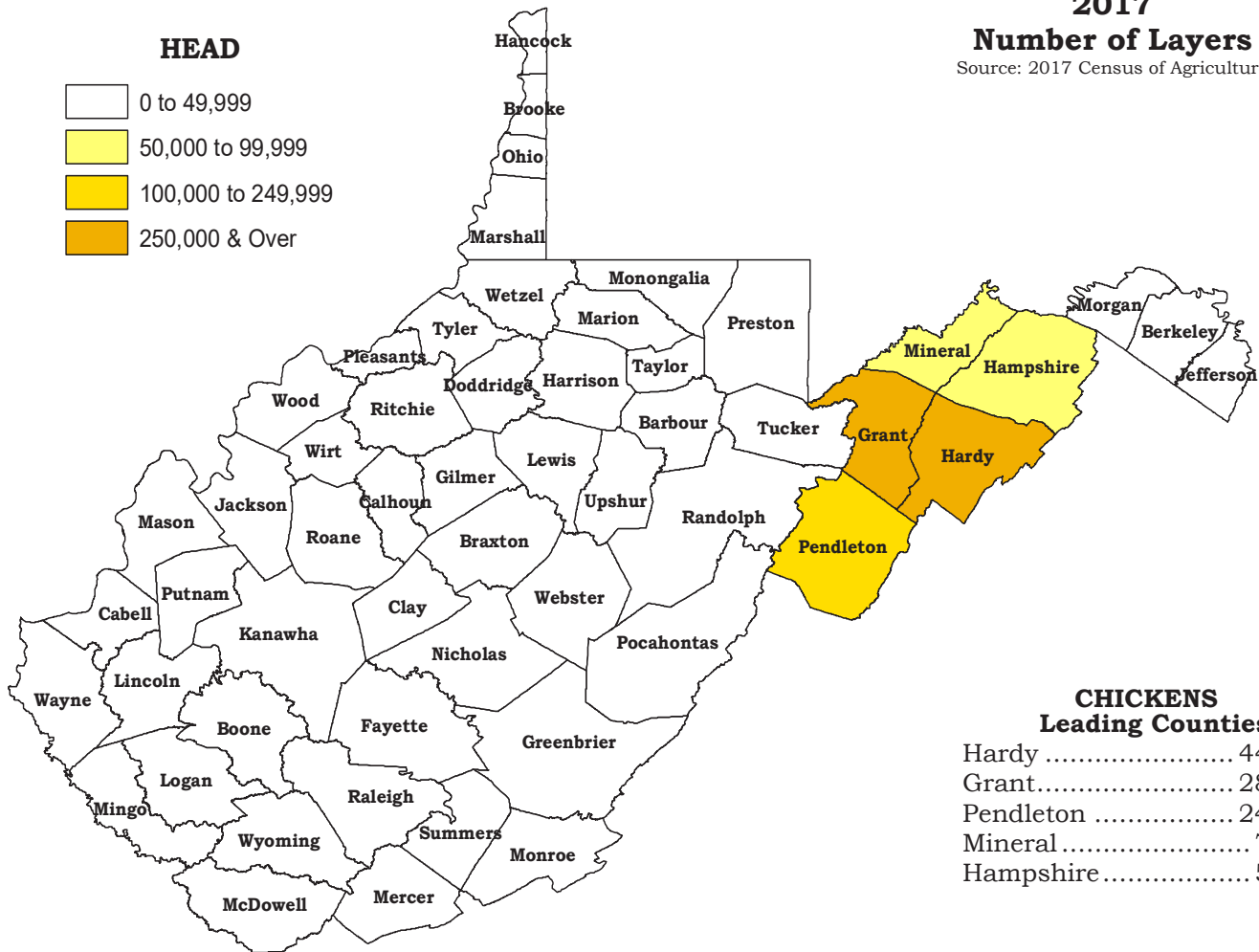


CHICKENS

2017

Number of Layers

Source: 2017 Census of Agriculture



CHICKENS: Number on Farms December 1, and Value, 2011-2020 ^{1/}

Year	All Chickens	Total Layers	Total Pullets	Other Chickens	Value		
					per Bird	Total	
					(000 Birds)	(Dollars)	(000 Dollars)
2011	1,523	1,001	407	115	5.50	8,377	
2012	1,916	1,115	671	130	6.60	12,646	
2013	2,066	1,187	744	135	7.60	15,702	
2014	2,024	1,207	715	102	8.00	16,192	
2015	2,112	1,231	780	101	7.80	16,474	
2016	2,136	1,312	715	109	7.30	15,593	
2017	2,120	1,251	770	99	7.50	15,900	
2018	1,932	1,207	632	93	7.90	15,263	
2019	2,214	1,377	747	90	7.90	17,491	
2020	2,180	1,295	779	106	7.30	15,914	

^{1/} Excludes commercial broilers.





Layers and Broilers: Number on Farms, December 31, 2012 and 2017 ^{1/}

County	Layer Inventory		Broiler Inventory	
	2012	2017	2012	2017
	(Number of Head)		(Number of Head)	
Barbour	1,330	3,292	21	177
Berkeley	2,352	9,793	344	2,966
Boone	109	882	-	-
Braxton	798	1,318	30	71
Brooke	210	419	-	610
Cabell	1,014	1,518	16	44
Calhoun	726	1,449	73	69
Clay	321	1,298	437	(D)
Doddridge	3,217	961	151	75
Fayette	1,034	1,158	180	75
Gilmer	676	1,217	(D)	117
Grant	231,090	285,972	2,687,176	2,359,648
Greenbrier	2,001	5,556	125	205
Hampshire	92,134	53,676	1,480,756	1,925,426
Hancock	220	376	2,082	1,065
Hardy	473,931	447,744	6,415,382	5,050,982
Harrison	2,183	3,475	384	393
Jackson	1,648	3,530	234	129
Jefferson	2,560	3,656	217	1,377
Kanawha	960	3,044	80	31
Lewis	1,019	1,439	306	340
Lincoln	817	3,109	-	128
Logan	(D)	(D)	(D)	-
McDowell	(D)	45	(D)	105
Marion	1,173	2,418	127	237
Marshall	1,806	2,868	274	(D)
Mason	3,111	3,722	52	199
Mercer	685	1,738	23	26
Mineral	69,913	73,808	1,079,784	745,700
Mingo	-	(D)	-	(D)
Monongalia	1,557	2,962	(D)	328
Monroe	5,037	3,577	2,082	562
Morgan	1,023	958	(D)	243
Nicholas	1,581	1,513	374	138
Ohio	547	719	29	(D)
Pendleton	184,072	248,123	3,097,763	2,454,093
Pleasants	276	811	(D)	-
Pocahontas	2,198	2,482	(D)	252
Preston	3,746	6,510	594	5,137
Putnam	1,498	3,102	101	609
Raleigh	1,001	1,830	32	(D)
Randolph	1,183	1,877	371	80
Ritchie	1,245	2,664	30	138
Roane	1,489	2,826	66	125
Summers	1,742	2,042	4,191	7,154
Taylor	976	1,954	34	362
Tucker	693	777	(D)	(D)
Tyler	639	867	122	(D)
Upshur	1,339	2,734	69	370
Wayne	413	1,587	-	103
Webster	201	430	53	242
Wetzel	807	1,059	189	70
Wirt	875	1,137	3	57
Wood	1,919	3,480	1,086	311
Wyoming	65	80	-	-
West Virginia	1,113,238	1,215,655	14,781,332	12,561,639

^{1/} Data from the Census of Agriculture. - Represents zero. D-Withheld to avoid disclosing data for individual farms.

COMMERCIAL BROILERS: Production and Income, 2011-2020

Year	Number Produced	Pounds per Bird	Pounds Produced	Average Price per Pound ^{1/}	Value of Production
	(000 Birds)	(Pounds)	(000)	(Dollars)	(000 Dollars)
2011	85,400	4.00	341,600	0.459	156,794
2012	94,000	4.00	376,000	0.500	188,000
2013	96,300	4.00	385,200	0.607	233,816
2014	95,300	3.90	371,700	0.637	236,773
2015	93,700	3.80	356,100	0.538	191,582
2016	90,300	3.90	352,200	0.478	168,352
2017	86,100	3.90	335,800	0.544	182,675
2018	83,300	3.80	316,500	0.559	176,924
2019	75,500	3.80	286,900	0.486	139,433
2020	70,200	3.90	273,800	0.365	99,937

^{1/} Live weight equivalent price.

CHICKENS: Lost, Sold and Value, 2011-2020 ^{1/}

Year	Number Lost ^{2/}	Number Sold for Slaughter	Pounds Sold	Average Price per Pound	Value of Sales
	(000 Birds)		(000)	(Dollars)	(000 Dollars)
2011	234	1,440	11,088	0.132	1,464
2012	181	1,374	10,442	0.139	1,451
2013	220	1,449	11,386	0.157	1,788
2014	260	1,560	12,382	0.164	2,031
2015	262	1,567	12,474	0.169	2,108
2016	298	1,646	13,182	0.139	1,832
2017	287	1,691	13,154	0.074	973
2018	276	1,741	13,680	0.075	1,026
2019	306	1,680	13,356	0.057	761
2020	365	1,591	12,791	0.027	345

^{1/} Estimates cover the 12 month period December 1, previous year through November 30 and excludes commercial broilers. ^{2/} Includes rendered, died, destroyed, composted or disappeared for any reason, except sold, during the 12-month period.

TURKEYS: Production and Income, 2011-2020 ^{1/}

Year	Number Raised	Pounds per Bird	Pounds Produced	Average Price per Pound ^{2/}	Value of Production
	(000 Birds)	(Pounds)	(000)	(Dollars)	(000 Dollars)
2011	3,300	28.0	92,400	0.684	63,017
2012	3,300	27.0	89,100	0.721	64,241
2013	3,100	26.0	80,600	0.665	53,599
2014	3,100	26.4	81,840	0.735	60,152
2015	3,000	30.2	90,600	0.811	73,477
2016	3,700	30.0	111,000	0.826	91,686
2017	3,700	30.0	111,000	0.646	71,706
2018	3,100	31.1	96,410	0.510	49,169
2019	3,400	32.0	108,800	0.579	62,995
2020	3,900	32.3	125,970	0.709	89,313

^{1/} Based on turkeys placed during the 12 month period September 1, previous year through August 31. ^{2/} Live weight equivalent price.





ECONOMICS



PRICES RECEIVED: Marketing Year Average, Selected Crops, 2016-2020

Year	Crop			
	Corn per Bushel	All Hay per Ton ^{1/}	Soybeans per Bushel	Winter Wheat per Bushel
	(Dollars)			
2016	3.90	119.00	9.40	4.80
2017	3.95	120.00	9.40	4.70
2018	4.08	127.00	8.50	4.90
2019	4.10	114.00	^{2/}	^{2/}
2020	4.10	119.00	^{2/}	^{2/}

^{1/}Estimated marketing of alfalfa and other hay used as weights to calculate all hay price. ^{2/} Estimates discontinued in 2019.

Prices Received - West Virginia milk sold to plants and milk cows

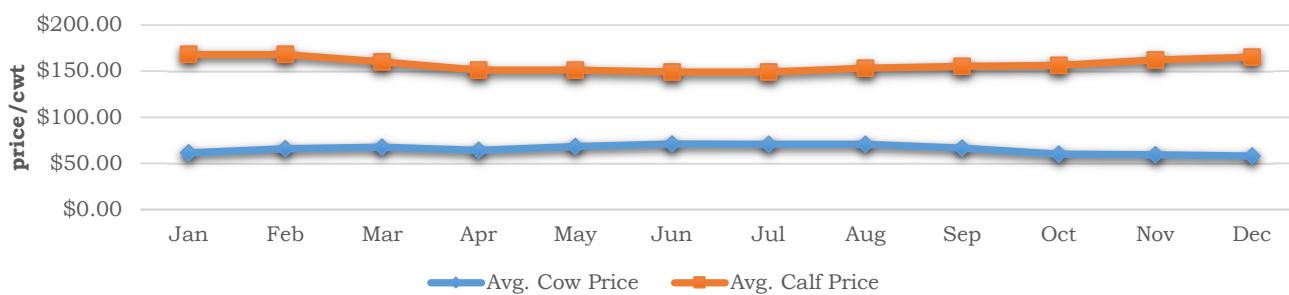


UNITED STATES 2020 COW and CALF PRICES

Average Monthly Cow Prices ranged between \$58.00 and \$71.00 per hundredweight in 2020. Prices peaked in June reaching \$71.00 per hundredweight. The lowest average monthly price of 2020 was reported in December, when cow prices averaged \$58.10 per hundredweight.

Average Monthly Calf Prices ranged between \$149.00 and \$168.00 per hundredweight in 2020. Prices peaked in January and February reaching \$168.00 per hundredweight. The lowest average monthly price of 2020 was reported in June and July, when calf prices averaged \$149.00 per hundredweight.

2020 Cow and Calf Prices, by month





PRICES RECEIVED: United States Annual Average Hogs and Wool, 2016-2020

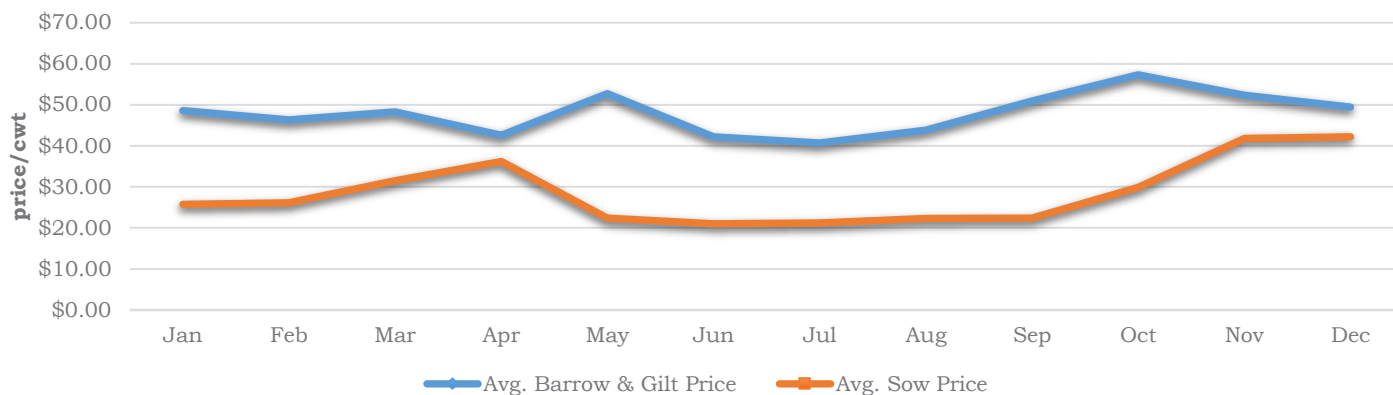
Year	Hogs			Wool
	Barrows & Gilts	Sows	All Hogs	
	(Dollars per Cwt.)			(Dollars per Lb.)
2016	49.60	40.70	49.30	1.45
2017	53.50	44.50	53.10	1.48
2018	50.50	41.30	50.20	1.75
2019	51.70	41.10	51.40	1.89
2020	47.80	27.70	46.90	1.66

UNITED STATES 2020 BARROW, GILT, and SOW PRICES

Average Monthly Barrow and Gilt Prices ranged between \$40.00 and \$58.00 per hundredweight in 2020. Prices peaked in October reaching \$57.30 per hundredweight. The lowest average monthly price of 2020 was reported in July, when barrow and gilt prices averaged \$40.70 per hundredweight.

Average Monthly Sow Prices ranged between \$21.00 and \$43.00 per hundredweight in 2020. Prices peaked in December reaching \$42.20 per hundredweight. The lowest average monthly price of 2020 was reported in June, when sow prices averaged \$21.00 per hundredweight.

2020 Barrow, Gilt, and Sow Prices, by month



PRICES RECEIVED: West Virginia Annual Average, Poultry and Eggs, 2011-2020

Year	Broilers	Other Chickens	All Eggs	Turkeys
	(Dollars per Lb.)		(Dollars per Dozen)	(Dollars per Lb.)
2011	0.459	0.132	1.99	0.68
2012	0.500	0.139	2.18	0.72
2013	0.607	0.157	2.30	0.67
2014	0.637	0.164	2.46	0.74
2015	0.538	0.169	2.35	0.81
2016	0.478	0.139	2.34	0.83
2017	0.544	0.074	2.20	0.65
2018	0.559	0.075	2.22	0.51
2019	0.486	0.057	2.18	0.58
2020	0.365	0.027	2.34	0.71

FARM PRODUCTION EXPENDITURES BY FARMS REPORTING: Average per Farm and Total-Atlantic Region, 2019-2020 ^{1/}

Expenditure	Farms Reporting ^{2/}		Average per Farm ^{3/}		Total Expenditures	
	2019	2020	2019	2020	2019	2020
	(Percent)		(Dollars)		(Million Dollars)	
Total farm production expenditures ^{4/}	100.0	100.0	105,576	111,002	42,125	44,190
Livestock, poultry & related expenses ^{5/}	27.6	25.6	11,679	10,299	4,660	4,100
Feed	56.0	55.5	23,333	24,215	9,310	9,640
Farm services ^{6/}	88.7	89.9	12,456	13,163	4,970	5,240
Rent ^{7/}	24.2	22.3	3,584	4,823	1,430	1,920
Agricultural chemicals ^{8/}	37.2	42.9	3,083	3,492	1,230	1,390
Fertilizer, lime & soil conditioners	51.9	52.3	5,388	6,129	2,150	2,440
Interest	27.8	27.0	2,982	2,763	1,190	1,100
Taxes ^{9/}	100.0	100.0	4,561	5,777	1,820	2,300
Labor	22.3	15.2	9,098	9,847	3,630	3,920
Fuel	88.4	83.0	3,885	3,567	1,550	1,420
Farm supplies & repairs ^{10/}	84.0	82.3	6,065	6,983	2,420	2,780
Farm improvements & construction ^{11/}	49.0	57.0	5,815	5,677	2,320	2,260
Tractors & self-propelled farm machinery	15.0	11.2	4,662	3,919	1,860	1,560
Other farm machinery	18.0	15.8	2,080	2,210	830	880
Seeds & plants ^{12/}	36.9	36.3	5,088	6,456	2,030	2,570
Trucks & autos	10.9	9.8	1,579	1,532	630	610
Miscellaneous capital expenses ^{13/}	4.0	2.1	238	151	95	60

^{1/} Includes CT, DE, KY, ME, MD, MA, NH, NJ, NY, NC, PA, RI, TN, VT, VA, and WV. ^{2/} Number of farms reporting item divided by total number of farms. ^{3/} Total expenditures divided by total number of farms. ^{4/} Includes operator, landlord, and contractor shares of farm production expenses. ^{5/} Includes purchases and leasing of livestock and poultry. ^{6/} Includes all crop custom work, veterinary services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, general and miscellaneous business expenses and utilities. ^{7/} Includes cash rent paid, share rent, plus public and private grazing fees. ^{8/} Includes material and application costs. ^{9/} This expense is the sum of real estate taxes and personal property taxes for operator, landlord, and contractor. ^{10/} Includes bedding and litter, marketing containers, power farm-shop equipment, oils and lubricants, temporary fencing, miscellaneous non-capital equipment and supplies, repairs and maintenance of equipment not depreciated, and other small, non-capital equipment. ^{11/} Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land. ^{12/} All purchases of seed, plants, or seed treatments for nursery and farming operation are included. Bedding plants, nursery stock, and seed purchased for resale are excluded. ^{13/} Expenditures for depreciable capital purchases that are excluded from the defined expense categories of farm improvements and construction, trucks and autos, tractors and self-propelled equipment, and other farm machinery.

FARM PRODUCTION EXPENDITURES TOTAL BY YEAR: Atlantic Region, 2016-2020 ^{1/}

Expenditure	2016	2017	2018	2019	2020
	(Million Dollars)				
Total farm production expenditures ^{2/}	42,110	43,240	45,025	42,125	44,190
Livestock, poultry & related expenses ^{3/}	3,780	4,020	4,980	4,660	4,100
Feed	9,430	9,300	9,600	9,310	9,640
Farm services ^{4/}	5,100	5,100	5,700	4,970	5,240
Rent ^{5/}	1,740	1,560	1,540	1,430	1,920
Agricultural chemicals ^{6/}	1,160	1,240	1,330	1,230	1,390
Fertilizer, lime & soil conditioners	2,190	2,090	2,360	2,150	2,440
Interest	950	1,060	1,040	1,190	1,100
Taxes ^{7/}	1,600	1,670	1,780	1,820	2,300
Labor	4,560	4,680	4,090	3,630	3,920
Fuel	1,390	1,600	1,560	1,550	1,420
Farm supplies & repairs ^{8/}	2,550	2,650	2,650	2,420	2,780
Farm improvements & construction ^{9/}	2,440	2,640	2,300	2,320	2,260
Tractors & self-propelled farm machinery	1,510	1,500	1,970	1,860	1,560
Other farm machinery	700	780	950	830	880
Seeds & plants ^{10/}	2,200	2,460	2,310	2,030	2,570
Trucks & autos	710	810	780	630	610
Miscellaneous capital expenses ^{11/}	100	80	85	95	60

^{1/} Includes CT, DE, KY, ME, MD, MA, NH, NJ, NY, NC, PA, RI, TN, VT, VA, and WV. ^{2/} Includes operator, landlord, and contractor shares of farm production expenses. ^{3/} Includes purchases and leasing of livestock and poultry. ^{4/} Includes all crop custom work, veterinary services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, general and miscellaneous business expenses and utilities. ^{5/} Includes cash rent paid, share rent, plus public and private grazing fees. ^{6/} Includes material and application costs. ^{7/} This expense is the sum of real estate taxes and personal property taxes for operator, landlord, and contractor. ^{8/} Includes bedding and litter, marketing containers, power farm-shop equipment, oils and lubricants, temporary fencing, miscellaneous non-capital equipment and supplies, repairs and maintenance of equipment not depreciated, and other small, non-capital equipment. ^{9/} Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land. ^{10/} All purchases of seed, plants, or seed treatments for nursery and farming operation are included. Bedding plants, nursery stock, and seed purchased for resale are excluded. ^{11/} Expenditures for depreciable capital purchases that are excluded from the defined expense categories of farm improvements and construction, trucks and autos, tractors and self-propelled equipment, and other farm machinery.



FARM COMPUTER: Usage and Ownership

Year	Farms									
	Own or Use Desktop or Laptop Computer		Own or Use Smart Phone		Own or Use a Tablet or Other Portable Wireless Computer		Own or Use Some Other Type of Computer		With Internet Access	
	WV	U.S.	WV	U.S.	WV	U.S.	WV	U.S.	WV	U.S.
2021	54	67	56	77	21	29	-	2	73	82

(-) Less than 1.

INTERNET ACCESS: Primary Method by Farm

Year	Dialup		Broadband (DSL, cable, fiber optic)		Cellular		Satellite		Other	
	WV	U.S.	WV	U.S.	WV	U.S.	WV	U.S.	WV	U.S.
2021	3	2	53	50	54	70	9	19	-	2

(-) Less than 1.

2017 CENSUS OF AGRICULTURE: Top Five States

Rank	Percent of Family Farms ^{1/}		Percent of Small Farms ^{2/}		Agricultural Sales	
	State	Percent	State	Percent	State	Dollars
1	Tennessee	93.1	West Virginia	98.1	California	45,154,359,000
2	West Virginia	93.0	New Hampshire	96.5	Iowa	28,956,455,000
3	Oklahoma	91.4	Tennessee	96.2	Texas	24,924,041,000
4	Alabama	90.8	Hawaii	96.2	Nebraska	21,983,430,000
5	Kentucky	90.6	New Mexico	96.2	Kansas	18,782,726,000

^{1/} Farms by legal status for tax purposes. ^{2/} The USDA defines small farms as farms with less than \$250,000 in sales of agricultural commodities. Small farms as a percent of all farms in the state.

2017 CENSUS OF AGRICULTURE: Top Five Counties in West Virginia

Rank	Number of Farms		Land in Farms		Agricultural Sales	
	County	Total	County	Acres	County	Dollars
1	Preston	1,142	Greenbrier	192,429	Hardy	190,579,000
2	Jackson	982	Pendleton	176,125	Pendleton	99,907,000
3	Berkeley	946	Hardy	154,689	Greenbrier	69,318,000
4	Monroe	929	Monroe	145,001	Grant	57,064,000
5	Greenbrier	891	Preston	142,941	Hampshire	38,717,000

CENSUS OF AGRICULTURE: Characteristics of Principal Farm Producers ^{1/}

Year	Average Age	Farming as Principal Occupation	Men	Women
	Years	Percent	Number	Number
2007	58.1	41.5	20,399	3,219
2012	59.7	42.6	18,784	2,705
2017	59.7	42.9	18,023	5,599

^{1/} Wording was updated from Operators to Producers in the 2017 Census of Agriculture and data for a maximum of four producers per farm were collected.

WEST VIRGINIA POPULATION

Year	Urban population ^{1/}	Rural population ^{1/}	Total
2000	1,087,687	720,506	1,808,193
2010	1,132,503	720,515	1,853,018
2019	1,109,496	682,651	1,792,147

^{1/} The terms "rural" and "urban" here refer to data for nonmetro and metro areas, a county-level classification defined by the Office of Management and Budget. Used was the February 2013 version of nonmetro and metro areas. Source: <https://www.ers.usda.gov/data-products/state-fact-sheets>.

Cropland and Pasture Cash Rental Rates, by Counties, 2020 and 2021 ^{1/}

County	Total Cropland ^{2/} (Rented & Non-rented)	Non-irrigated Cropland Rental Rates ^{3/}		Total Permanent Pasture ^{2/} (Rented & Non-rented)	Pasture Rental Rates	
		2020	2021		2020	2021
	(Acres)	(Dollars per Acre)		(Acres)	(Dollars per Acre)	
Barbour	26,717	19.00	27.50	41,716	7.00	-
Brooke	4,286	-	-	4,137	-	-
Doddridge	11,790	-	13.50	21,723	4.50	5.00
Hancock	3,419	-	-	1,364	-	-
Harrison	27,979	18.00	17.00	48,070	7.50	10.00
Lewis	22,441	-	-	50,207	-	-
Marion	13,490	26.00	24.00	19,526	-	-
Marshall	22,622	-	-	27,152	-	-
Monongalia	18,609	-	12.00	27,040	10.00	-
Ohio	10,944	-	-	7,010	-	-
Pleasants	5,260	-	-	10,030	-	-
Preston	48,194	26.50	22.50	48,453	12.50	14.00
Ritchie	22,615	24.00	14.00	40,984	-	-
Taylor	14,049	-	-	19,557	14.00	12.50
Tyler	12,310	-	-	22,064	-	-
Upshur	16,274	-	-	25,715	-	-
Wetzel	8,766	-	-	9,758	-	-
Wood	25,036	30.50	27.00	32,491	-	-
Other counties ^{4/}	-	19.50	-	-	8.60	-
Northwest	N/A	23.00	N/A	N/A	9.00	N/A
Boone	506	-	-	924	-	-
Braxton	17,918	-	20.00	35,682	10.50	13.50
Cabell	7,331	35.00	20.00	16,448	-	-
Calhoun	12,439	39.00	36.50	22,143	5.00	-
Clay	3,167	-	-	8,011	-	-
Fayette	6,176	-	-	8,112	-	-
Gilmer	11,076	17.50	17.50	28,843	5.00	8.00
Jackson	33,421	36.00	36.00	54,776	7.50	8.50
Kanawha	4,143	-	-	7,946	-	-
Lincoln	4,166	-	-	11,517	-	-
Logan	(D)	-	-	135	-	-
McDowell	129	-	-	30	-	-
Mason	37,631	84.00	87.00	49,822	11.50	15.00
Mercer	12,390	36.00	31.50	20,573	18.00	12.00
Mingo	(D)	-	-	2,353	-	-
Nicholas	11,804	26.00	21.00	11,901	-	12.00
Putnam	13,737	-	33.00	18,667	-	-
Raleigh	11,151	-	-	16,722	13.50	-
Roane	27,821	22.00	17.00	49,717	5.50	5.00
Wayne	5,900	-	36.50	16,183	-	-
Webster	2,383	-	-	2,592	-	-
Wirt	9,300	-	-	19,848	9.00	-
Wyoming	671	-	-	332	-	-
Other counties ^{4/}	-	37.00	-	-	8.70	-
Southwest	N/A	43.00	N/A	N/A	8.50	N/A
Berkeley	37,590	32.50	28.00	17,818	13.00	15.00
Grant	26,204	29.00	35.50	51,716	7.50	14.00
Greenbrier	44,086	44.00	42.00	98,601	18.50	16.00
Hampshire	36,935	20.00	20.50	41,784	14.50	14.00
Hardy	40,482	28.50	35.50	65,789	15.00	15.50
Jefferson	44,517	67.00	60.00	15,673	19.50	18.50
Mineral	29,573	16.50	24.50	40,472	14.00	17.00
Monroe	31,883	35.50	35.50	66,834	16.50	17.50
Morgan	7,175	-	27.50	3,456	-	-
Pendleton	29,596	37.00	39.00	89,574	11.00	15.50
Pocahontas	26,366	30.00	33.00	50,195	16.00	15.50
Randolph	26,703	29.50	30.00	39,409	8.50	6.50
Summers	11,971	26.00	-	18,819	15.00	-
Tucker	6,526	-	29.00	11,666	-	10.00
Other counties ^{4/}	-	24.50	-	-	12.00	-
Eastern	N/A	40.50	N/A	N/A	15.00	N/A
West Virginia	947,710	39.00	37.00	1,472,080	13.00	13.50

^{1/} Excludes land rented on a whole farm, share and per head basis. ^{2/} Data from the 2017 Census of Agriculture. Cropland acres includes cropland: harvested, used only for pasture, on which all crops failed or were abandoned, and idled or used for cover crops or soil improvement. Permanent pasture acres include grazable land that does not qualify as woodland pasture or cropland pasture. ^{3/} Includes land used for row crops or hay. ^{4/} Includes counties not published to avoid disclosing individual operations. - Represents zero. D-Withheld to avoid disclosing data for individual farms. N/A- Not available.





FARM REAL ESTATE: Average Value per Acre, Selected States, January 1, 2015-2021

Region and State	2015	2016	2017	2018	2019	2020	2021	Change 2020-21
	(Dollars)							(Percent)
Appalachian	3,810	3,880	3,970	4,030	4,080	4,140	4,240	2.4
Kentucky	3,370	3,540	3,680	3,770	3,820	3,920	4,000	2.0
N. Carolina ...	4,560	4,550	4,580	4,640	4,680	4,670	4,750	1.7
Tennessee	3,690	3,770	3,840	3,920	3,990	4,100	4,260	3.9
Virginia	4,440	4,470	4,590	4,620	4,650	4,620	4,700	1.7
West Virginia	2,630	2,620	2,640	2,650	2,680	2,700	2,770	2.6

CROPLAND AND PASTURE: Average Value per Acre, January 1, 2019-2021

Region and State	Cropland			Change 2020-21	Pasture			Change 2020-21
	2019	2020	2021		2019	2020	2021	
	(Dollars)			(Percent)	(Dollars)			(Percent)
Appalachian	4,190	4,240	4,350	2.6	3,540	3,550	3,620	2.0
Kentucky	4,300	4,400	4,510	2.5	3,030	3,050	3,080	1.0
N. Carolina ...	4,180	4,180	4,290	2.6	4,810	4,780	4,850	1.5
Tennessee	3,910	3,990	4,130	3.5	3,860	3,880	4,000	3.1
Virginia	4,720	4,680	4,790	2.4	4,020	4,000	4,060	1.5
West Virginia	3,280	3,270	3,330	1.8	2,120	2,150	2,200	2.3

CROPLAND RENTED FOR CASH: Average Cash Rent per Acre, 2016-2021

Region and State	2016	2017	2018	2019	2020	2021
	(Dollars)					
Appalachian	95.00	99.00	99.50	103.00	101.00	105.00
Kentucky	143.00	145.00	149.00	151.00	146.00	150.00
N. Carolina	83.50	88.50	87.00	90.50	88.50	94.50
Tennessee	97.00	98.50	98.00	103.00	102.00	107.00
Virginia	57.50	60.00	63.00	59.00	62.00	61.00
West Virginia	40.00	42.00	45.00	43.00	39.00	37.00

PASTURE RENTED FOR CASH: Average Cash Rent per Acre, 2016-2021

Region and State	2016	2017	2018	2019	2020	2021
	(Dollars)					
Appalachian	21.50	21.00	21.50	22.00	23.50	23.00
Kentucky	27.00	25.00	^{1/}	27.00	28.00	27.00
N. Carolina	27.00	26.00	28.00	26.00	27.50	27.50
Tennessee	20.00	20.00	20.00	21.00	22.00	21.50
Virginia	20.00	20.00	21.00	21.00	23.00	23.50
West Virginia	12.00	12.50	^{1/}	14.00	13.00	13.50

^{1/} Data not available.

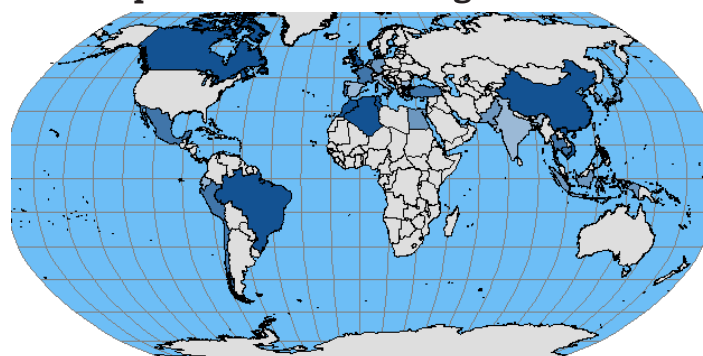
West Virginia Value Added to the U.S. Economy by the Agricultural Sector via Production of Goods and Services, 2016-2020 ^{1/}

Item	2016	2017	2018	2019	2020
	(000) Dollars				
Value of crop production	144,099	147,472	146,879	149,837	159,129
Crop cash receipts	146,937	154,970	155,946	150,335	156,488
Feed crops	56,548	56,790	56,207	54,318	60,470
Food grains	1,224	1,210	944	NA	NA
Fruits and nuts	18,557	24,300	NA	NA	NA
Oil Crops	12,159	11,809	11,772	NA	NA
All other crops	58,449	60,861	87,023	96,017	96,018
Home consumption	791	155	155	196	208
Inventory adjustment	-3,630	-7,654	-9,222	-695	2,433
Value of animals and products production	565,966	564,730	522,423	493,629	459,942
Animals and products cash receipts	547,841	572,328	527,416	484,815	476,138
Dairy products, Milk	21,091	22,320	17,876	16,192	15,225
Meat animals	170,475	194,867	178,880	160,963	165,845
Miscellaneous livestock	38,514	49,537	48,860	48,959	48,785
Poultry and eggs	317,760	305,603	281,800	258,701	246,283
Home consumption	1,990	1,864	1,891	2,222	3,120
Inventory adjustment	16,136	-9,462	-6,885	6,592	-19,316
Farm-related income	195,427	209,726	227,764	252,519	215,258
Forest products sold	11,685	12,286	9,622	8,161	10,041
Gross imputed rental value of farm dwellings	116,029	127,568	141,575	143,042	119,541
Machine hire and custom work	1,883	5,980	1,833	2,570	2,066
Other farm income	65,830	63,892	74,734	98,746	83,610
Total commodity insurance indemnities	1,334	2,794	3,075	2,232	3,209
Federal commodity insurance indemnities	1,207	938	902	1,227	760
Net cash rent received by operator landlords ^{3/}	216	-1,734	-2,528	-2,837	-2,552
Value of agricultural sector production	905,492	921,928	897,066	895,985	834,329
Intermediate product expenses ^{2/}	589,917	521,147	558,291	535,682	594,248
Farm origin	337,444	263,558	275,738	262,765	301,737
Feed purchases	252,608	189,314	187,389	178,726	197,015
Livestock and poultry purchases	70,704	58,710	73,592	71,380	90,508
Seed purchases	14,132	15,533	14,756	12,659	14,213
Manufactured inputs	67,470	79,189	84,361	78,914	82,283
Electricity	11,620	13,160	14,421	12,946	14,953
Fertilizer, lime, and soil conditioners	18,625	19,800	23,687	20,893	24,537
Pesticides	6,807	6,919	7,514	6,845	7,663
Fuel and oils	30,419	39,310	38,739	38,231	35,130
Other intermediate expenses ^{2/}	185,003	178,401	198,193	194,002	210,229
Machine hire and custom work	5,601	5,104	4,285	6,288	5,959
Marketing, storage, and transportation	21,911	17,748	25,667	18,658	23,539
Repair and maintenance ^{2/}	41,178	45,808	49,918	43,761	50,953
Miscellaneous expenses ^{2/}	116,312	109,741	118,324	125,296	129,778
Total insurance premiums ^{4/}	11,150	13,203	12,569	12,204	12,560
Federal commodity insurance premiums	688	742	691	771	856
Irrigation	255	266	166	269	257
Contract labor	4,363	4,829	5,055	3,912	5,874
Net government transactions	-16,716	-22,918	-29,997	-25,517	8,641
Direct government payments	15,054	17,835	12,406	17,450	64,388
Property taxes and fees ^{2/}	31,770	40,754	42,404	42,967	55,746
Motor vehicle registration and licensing fees	4,075	4,601	3,740	4,052	4,278
Gross value added	294,496	373,033	303,723	330,874	242,848
Capital consumption ^{2/}	188,699	163,962	139,323	131,620	131,262
Net value added	105,797	209,071	164,399	199,254	111,586
Factor payments to stakeholders	83,568	81,146	79,943	71,958	70,831
Hired labor and non-cash employee compensation	42,634	37,721	34,817	28,613	30,153
Net rent paid to operator landlords	647	-1,134	-1,953	-2,429	-2,097
Net rent paid to nonoperator landlords	2,216	-3,882	-6,685	-8,315	-7,181
Total interest expenses ^{2/}	38,071	48,441	53,764	54,089	49,956
Net farm income	22,228	127,925	84,457	127,296	40,755

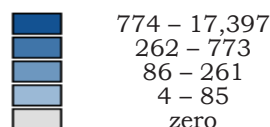
^{1/} Data as of September 2, 2021. Values are rounded to the nearest thousand. Totals may not add due to rounding. NA-Data are not available. ^{2/} Includes expenses associated with operator dwellings. ^{3/} Share rent income is included in cash receipts. ^{4/} Includes federal and private crop and livestock insurance premiums as well as casualty, hail, motor vehicle and all other insurance premiums. Source: USDA, Economic Research Service <https://www.ers.usda.gov/data-products/farm-income-and-wealth-statistics/>.



2020 Value of Agriculture and Livestock Products Exported from West Virginia ^{1/}



Thousands (000) Dollars



Value of Agriculture and Livestock Products Exported from West Virginia ^{1/}

Market	2016	2017	2018	2019	2020
	(000) Dollars				
Algeria	1,636	1,471	1,653	1,251	1,362
Austria	0	0	0	4	0
Brazil	1,673	4,148	3,029	2,343	3,175
Cambodia	0	0	48	373	582
Canada	2,124	2,036	1,662	1,647	1,407
China	13,138	27,382	21,716	15,505	17,396
Egypt	69	166	48	234	133
France	587	495	307	559	767
Germany	363	494	37	231	236
Hong Kong	0	17	632	1,265	0
India	20	53	0	90	56
Indonesia	1,337	808	293	634	210
Italy	275	389	205	174	80
Japan	261	60	75	237	171
Mexico	1,344	433	855	373	293
Morocco	1,599	1,433	1,609	1,835	1,030
Netherlands	0	16	0	35	146
Pakistan	0	236	30	0	140
Peru	758	789	582	516	295
Portugal	257	357	339	254	311
South Korea	12,068	15	17	195	110
Spain	103	0	80	0	59
Taiwan	268	187	120	711	87
Thailand	0	95	16	126	329
Tunisia	0	565	400	785	775
Turkey	98	17	379	594	623
United Arab Emirates	0	0	93	5	17
United Kingdom	924	658	846	575	863
Viet Nam	1,967	1,757	3,580	4,102	4,080
Other Countries	71	7,245	165	372	368
World Total	40,940	51,322	38,816	34,652	35,101

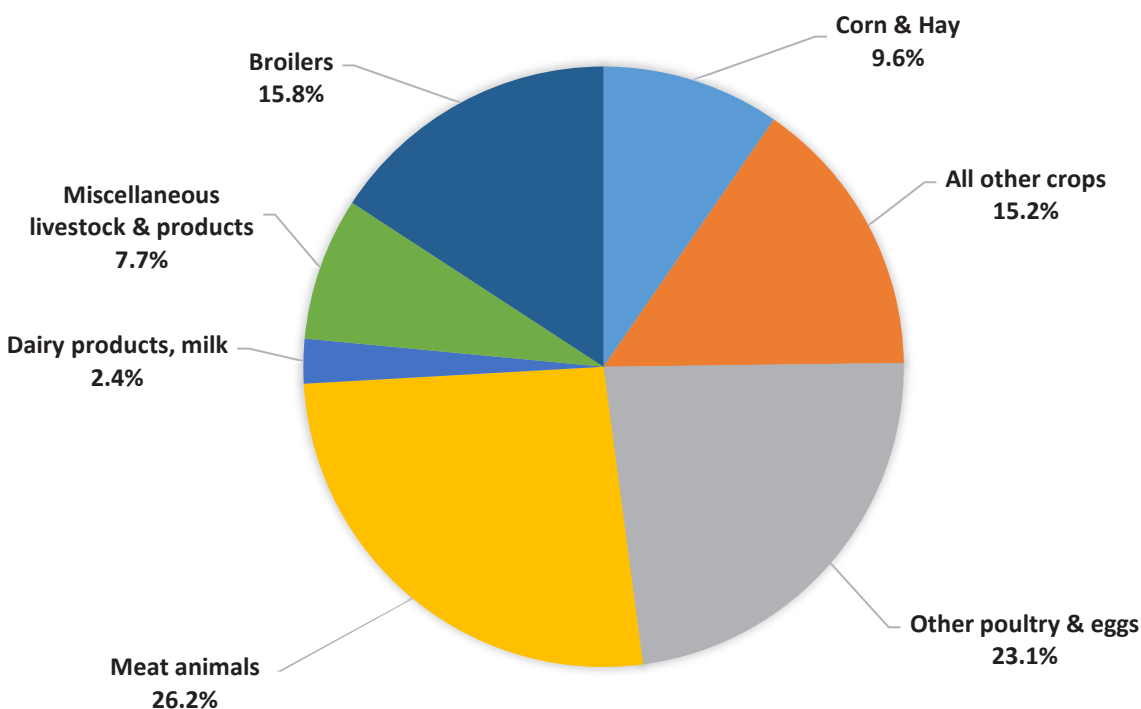
^{1/} Agriculture and livestock products include the following: agricultural products, livestock and livestock products, forestry products and fish products. Values are rounded to the nearest thousand. Source: Office of Trade & Industry Information, Manufacturing & Services, International Trade Administration, U.S. Department of Commerce <http://tse.export.gov/tse/>.

West Virginia Cash Receipts from Farm Marketings: 2016-2020 ^{1/}

Commodity	2016	2017	2018	2019	2020
	(000) Dollars				
Livestock and products	547,841	572,328	527,416	484,815	476,138
Meat animals	170,475	194,867	178,880	160,963	165,845
Cattle and calves	169,923	194,310	178,085	160,160	165,176
Hogs	552	557	795	803	669
Dairy products, Milk	21,091	22,320	17,876	16,192	15,225
Poultry and eggs	317,760	305,603	281,800	258,701	246,283
Broilers	168,352	182,675	176,924	139,433	99,937
Chicken eggs	55,890	50,249	54,681	55,512	56,688
Farm chickens	1,832	973	1,026	761	345
Turkeys	91,686	71,706	49,169	62,995	89,313
Miscellaneous livestock and products ^{2/}	38,514	49,537	48,860	48,959	48,785
Trout	1,231	1,066	1,005	1,116	840
Honey	627	943	961	946	1,074
Mohair	1	1	1	2	2
Wool	125	152	129	131	105
Other animals and products	36,530	47,375	46,764	46,764	46,764
Crops	146,937	154,970	155,946	150,335	156,488
Food grains (Wheat)	1,224	1,210	944	-	-
Feed crops	56,548	56,790	56,207	54,318	60,470
Corn	17,882	17,111	18,549	20,060	22,188
Hay	38,666	39,679	37,657	34,258	38,282
Oil crops (Soybeans)	12,159	11,809	11,772	-	-
Fruits and nuts ^{3/}	18,557	24,300	-	-	-
Apples	14,742	18,096	-	-	-
Peaches	3,815	6,204	-	-	-
All other crops ^{4/}	58,449	60,861	87,023	96,017	96,018
Maple products	339	404	357	-	-
Mushrooms	135	127	117	-	-
Miscellaneous crops	57,975	60,330	86,549	96,017	96,018
All commodities	694,778	727,298	683,363	635,150	632,626

^{1/} Cash receipts reflect sales of commodities from farms where produced within a calendar year irrespective of the year of production. Data as of September 2, 2021. Values are rounded to the nearest thousand. Totals may not add due to rounding. ¹⁻² means not available. ^{2/} Includes equine, sheep, and all other livestock. ^{3/} Includes miscellaneous fruits and berries. ^{4/} Includes greenhouse/nursery, Christmas trees, oats, vegetables, tobacco, and other crops. Source: USDA, Economic Research Service <http://www.ers.usda.gov/data-products/farm-income-and-wealth-statistics.aspx>.

Cash Receipts: Selected Commodities, West Virginia, 2020



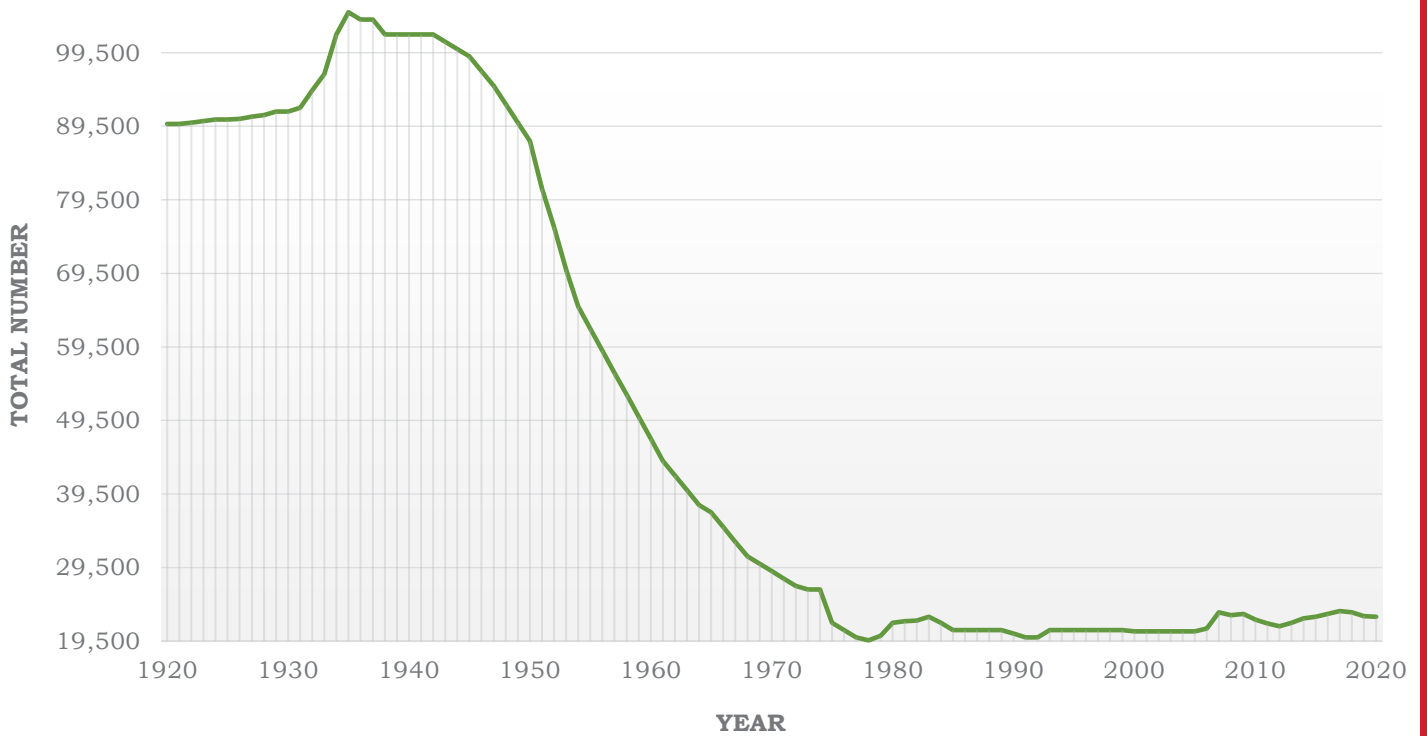


CHARTS



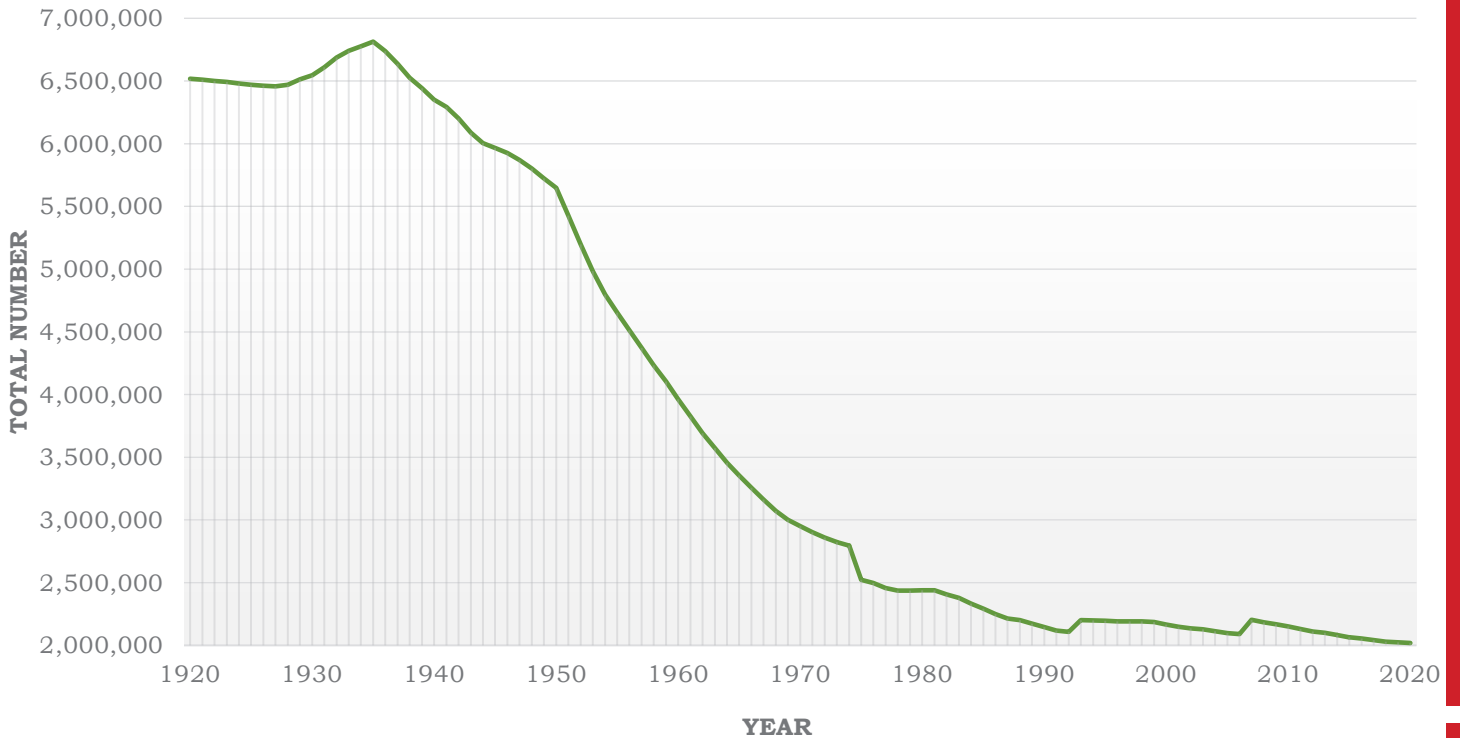
West Virginia Number of Farms 1920 - 2020

The number of farms in 2020 was 22,800.
The number of farms in 1978 was a record low of 19,600.
The record high was in 1935 with 105,000 farms.



United States Number of Farms 1920 - 2020

The number of farms in 2020 was a record low at 2,019,000.
The record high was in 1935 with 6,813,700 farms.



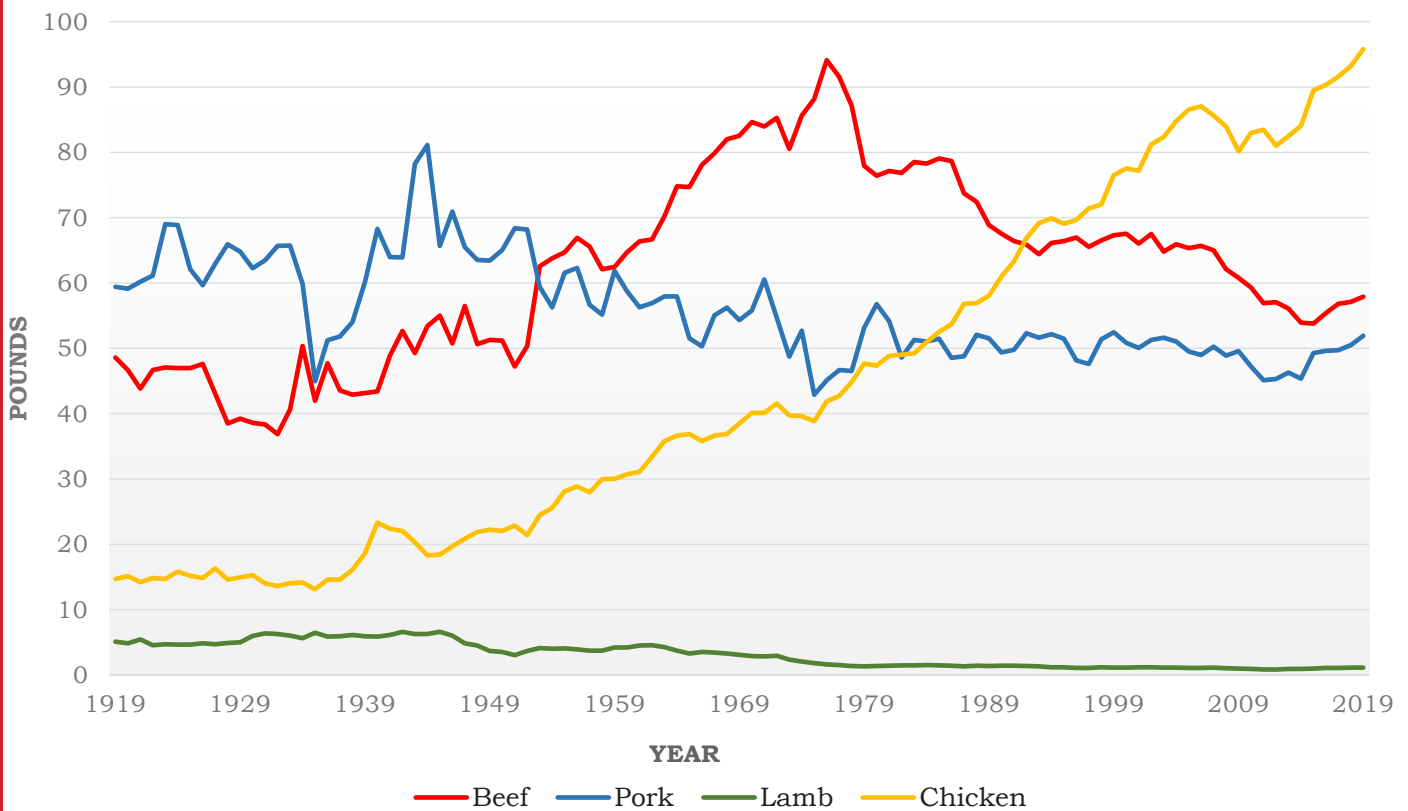


United States Livestock Consumption per Capita

This chart shows the per capita consumption of the United States resident population for beef, chicken, pork and lamb from the years 1919 to 2019 with these exceptions:

- Prior to 1930, except for the war years, 1917-1919, resident population only; in the year of 1930 and after, the population included the Armed Forces overseas.
- Currently, chicken is the meat of choice, followed by beef, pork, and lamb.
- Per capita consumption of selected red meats and poultry during 2019 was as follows:
 - chicken ~ 95.8 pounds
 - beef ~ 57.9 pounds
 - pork ~ 51.9 pounds
 - lamb ~ 1.1 pound

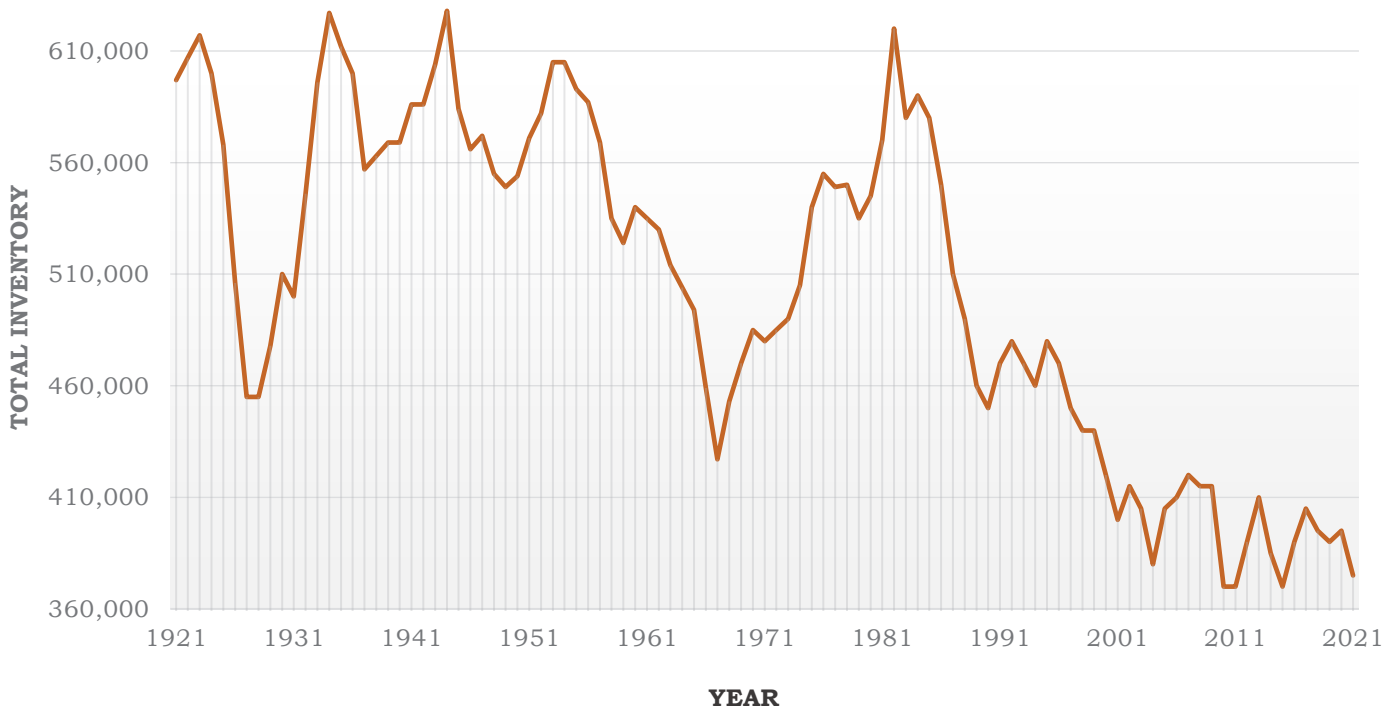
Selected Red Meat and Chicken Consumption per Capita for the United States - 1919 to 2019 ^{1/}



^{1/} Data for 2020 were not available at the time of publishing. Source: USDA, Economic Research Service <https://www.ers.usda.gov/data-products/food-availability-per-capita-data-system/>

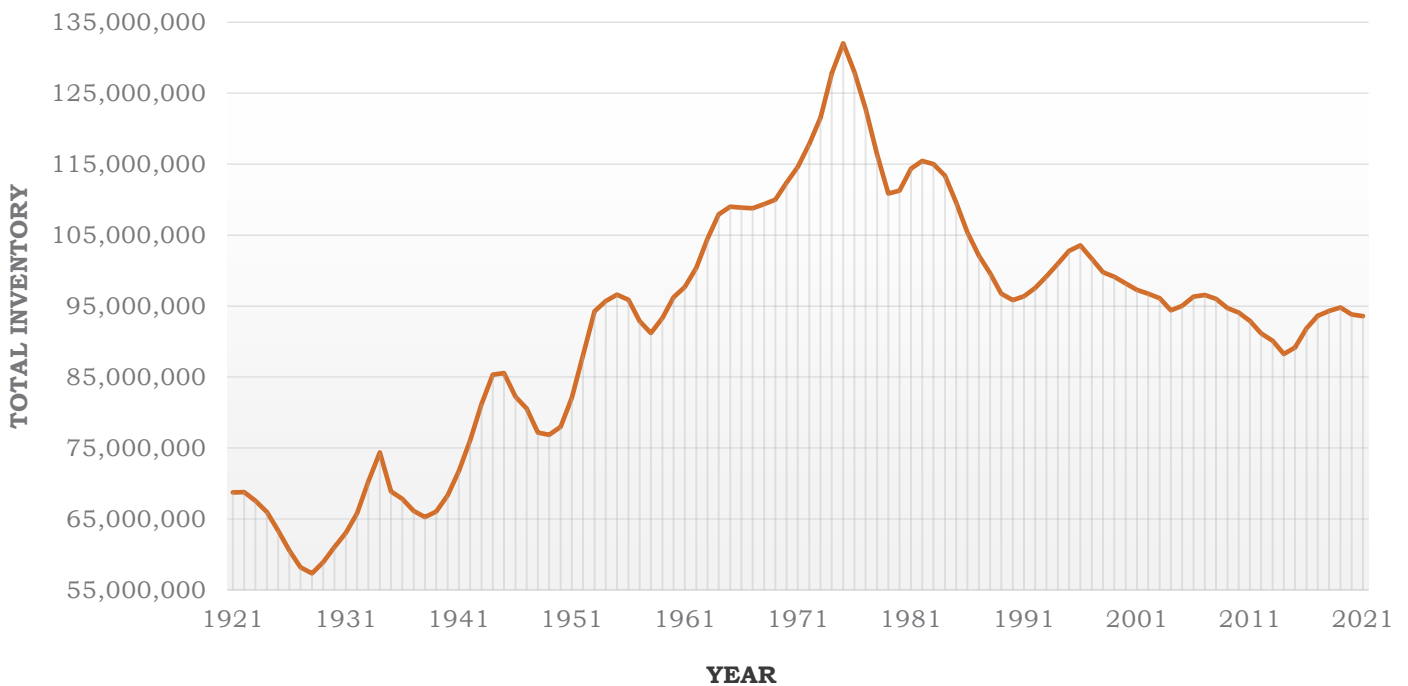
100 Years of Cattle and Calves Inventory in West Virginia

The cattle and calves inventory on January 1, 2021 was 375,000.
The record low was first recorded in 1867 with an inventory of 362,000 head.
The record high was recorded in 1944 with an inventory of 628,000 head.



100 Years of Cattle and Calves Inventory in the United States

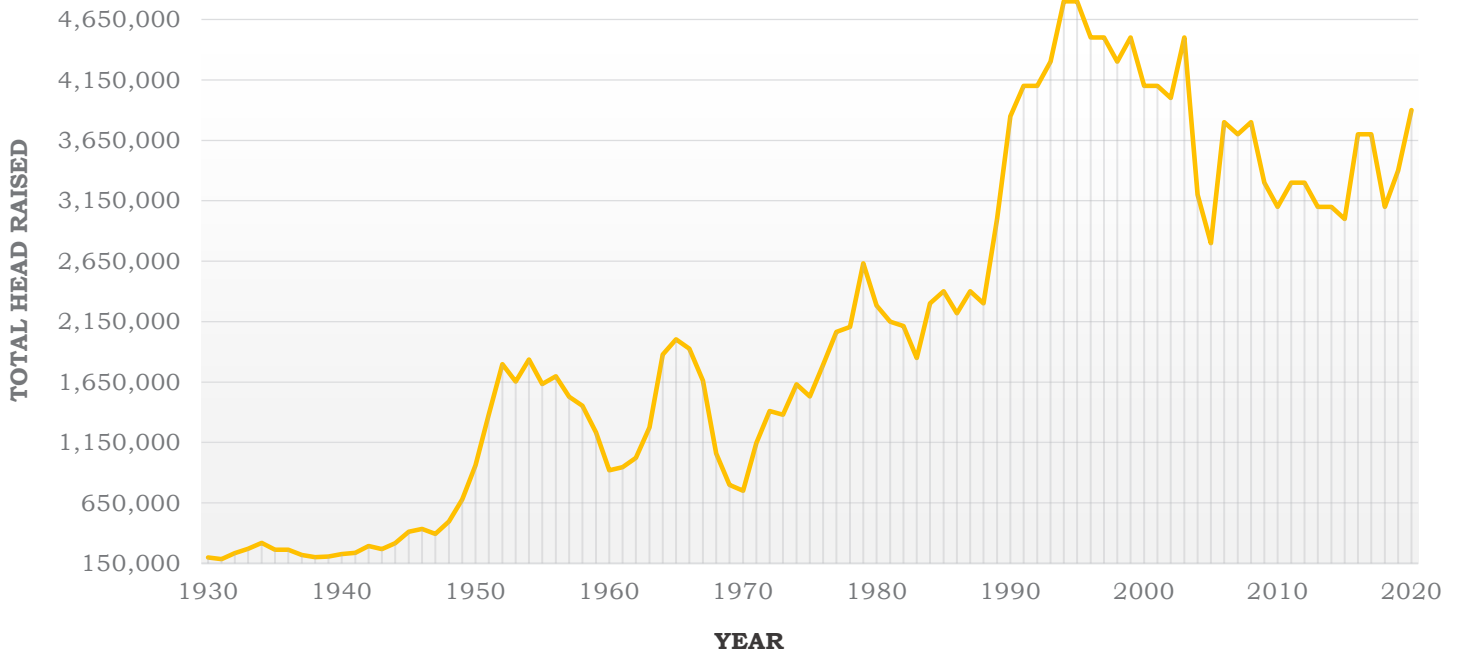
The cattle and calves inventory on January 1, 2021 was 93.6 million.
The record low was recorded in 1867 with an inventory of 28.6 million head.
The record high was recorded in 1975 with an inventory of 132.0 million head.





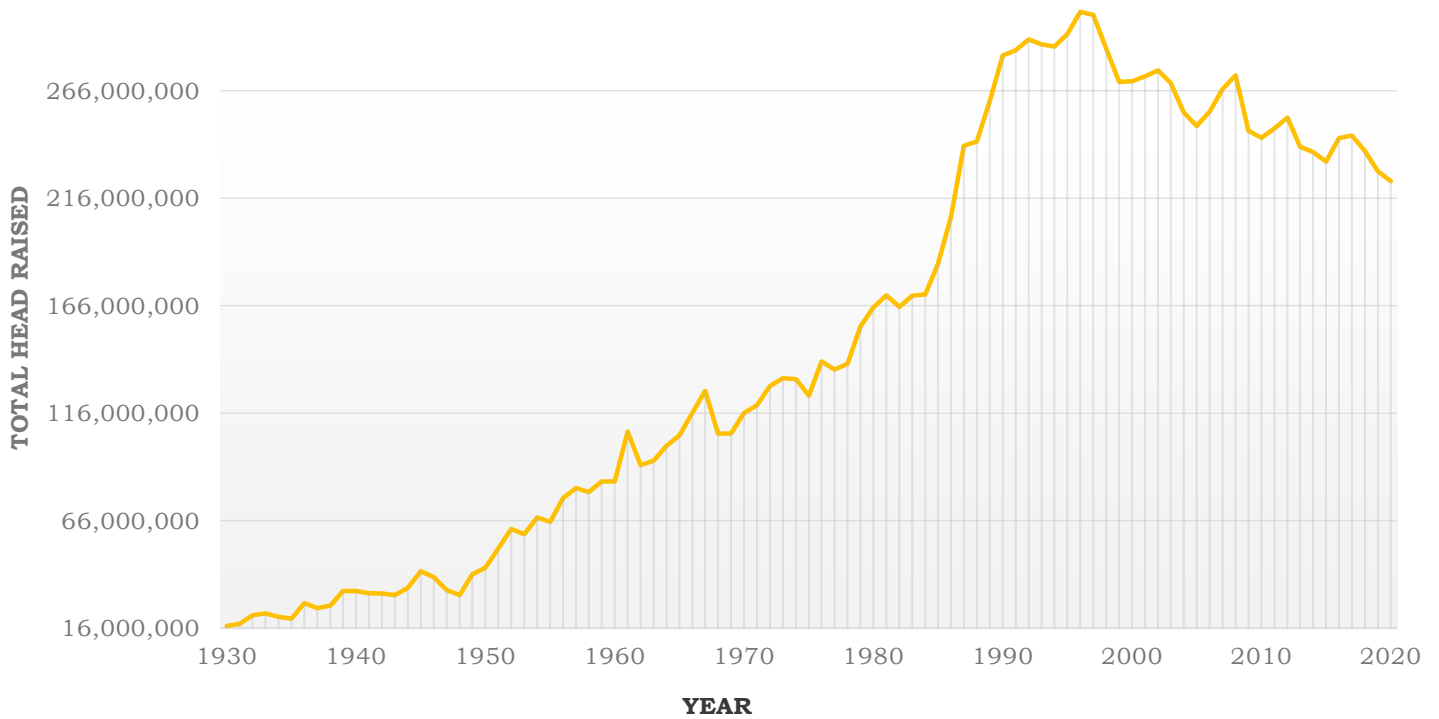
90 Years of Turkeys Raised in West Virginia

Turkeys raised for meat during 2020 totaled 3.9 million.
The record low was recorded in 1931 with 185 thousand birds raised.
The record high was recorded in 1994 and 1995 with 4.8 million birds raised.



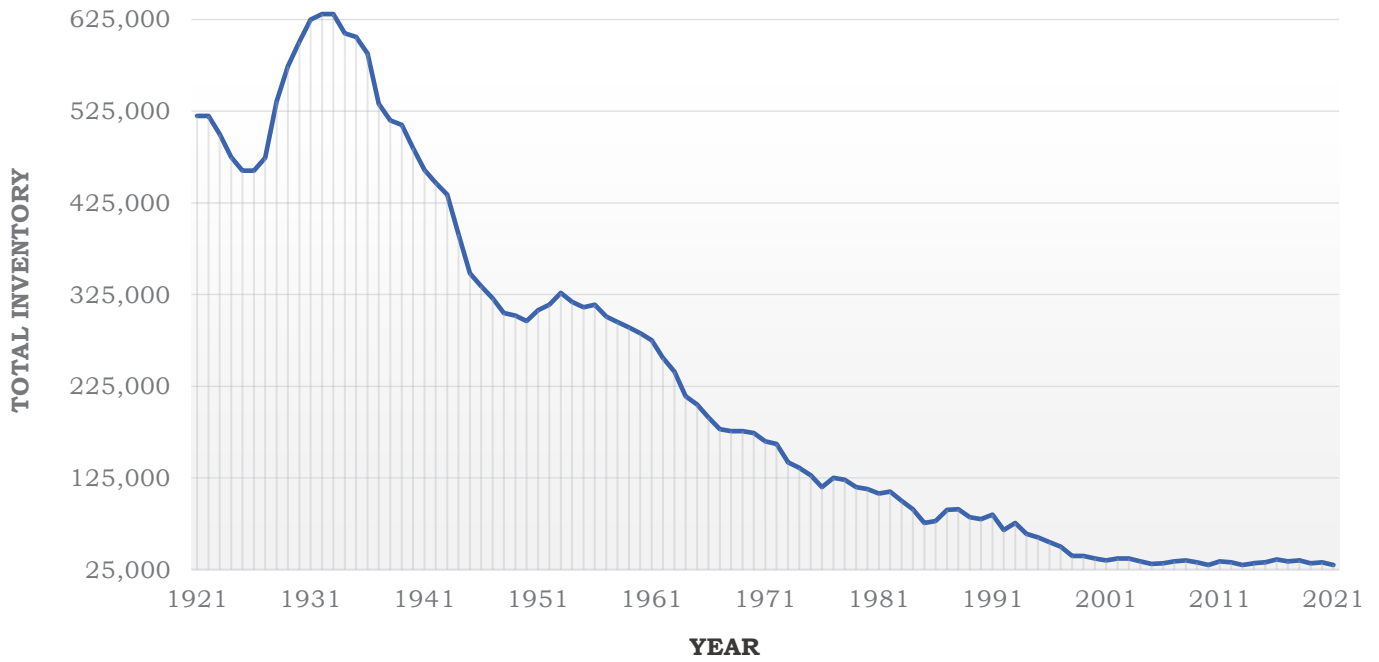
90 Years of Turkeys Raised in the United States

Turkeys raised for meat during 2020 totaled 224.0 million.
The record low was recorded in 1930 with 17.1 million birds raised.
The record high was recorded in 1996 with 302.7 million birds raised.



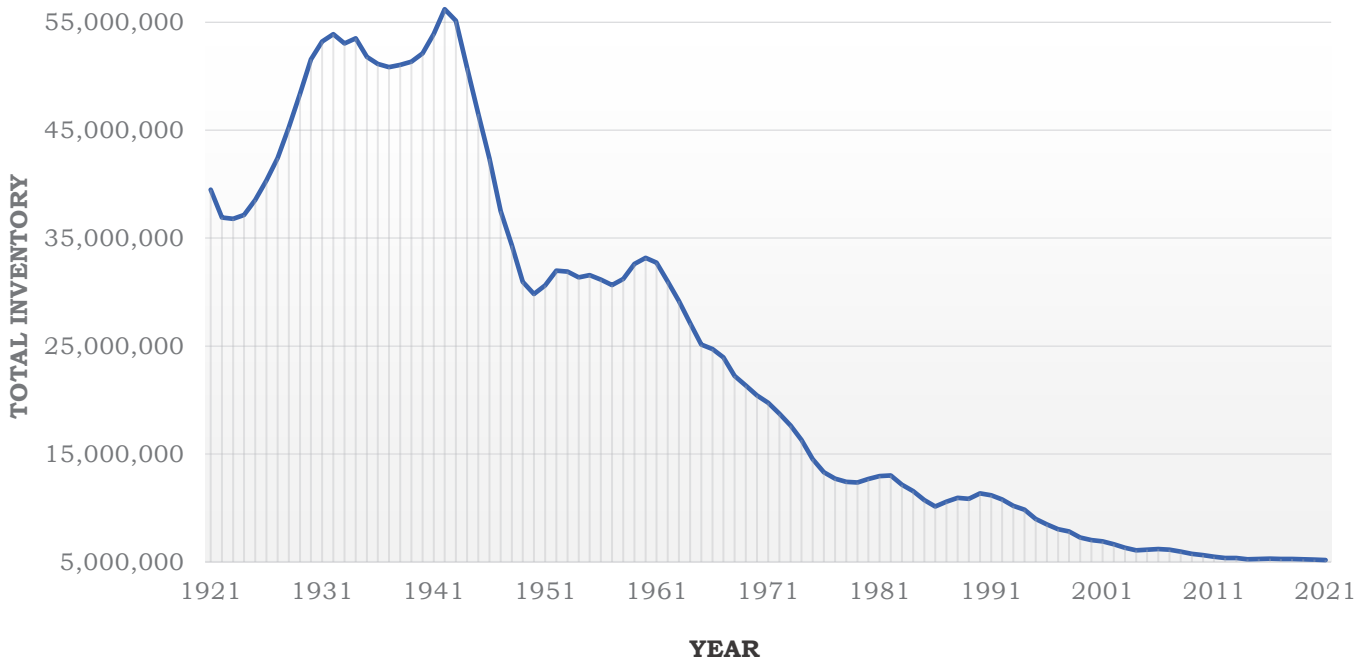
100 Years of Sheep and Lamb Inventories in West Virginia

The number of sheep and lambs on January 1, 2021 was 30,000.
The record low of 30,000 head was recorded in 2010, 2013 and 2021.
The record high of 631,000 head was recorded in 1932 and 1933.



100 Years of Sheep and Lamb Inventories in the United States

The number of sheep and lambs on January 1, 2021 was a record low at 5.17 million head.
The record high was in 1942 with an inventory of 56.2 million head.



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NOTES

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https://www.nass.usda.gov/Statistics_by_State/West_Virginia/index.php