

USING THE AGRICULTURE CENSUS

Jessica Castañeda

IRRC Director



WHAT IS THE AGRICULTURE CENSUS?

• The Census of Agriculture is a complete count of U.S. farms and ranches and the people who operate them. Even small plots of land - whether rural or urban growing fruit, vegetables or some food animals count if \$1,000 or more of such products were raised and sold, or normally would have been sold, during the Census year. The Census of Agriculture, taken only once every five years, looks at land use and ownership, operator characteristics, production practices, income and expenditures.







WHY DO YOU USE NASS DATA?









Why Should Farmers Respond to NASS surveys?

1,219 views







→ SHARE



=+ SAVE







For America's farmers and ranchers, the Census of Agriculture is their voice, their future, and their opportunity.





WHAT SHOULD YOU KNOW ABOUT THE AG CENSUS?

- Started in 1840 with regular census.
- Separated to be agriculture only 1920. Conducted every 4or 5 years.
- In 1982 it started every 5 years.
- Detailed information on certain aspects,- aquaculture, organics, also in special studies.
- Every county in the nation
- Demographic makeup
- Specialty cross and livestock

- Used by all who serve farmers
- Local governments, companies, congress and farmers.
- National response rate: 72%
- Data products are continued to be added.
- Puerto Rico Ag Census going on right now.
- 2018- Aquaculture- and Irrigation and Water Management survey





WHAT SHOULD YOU KNOW ABOUT THE AG CENSUS?

- 2022 will be the next census.
- Right now they are asking for solicitation of Input for the Census of Agriculture in 2020.
- https://www.nass.usda.gov/AgCensus/S/Census Program Input Form/index.php







WHAT IS NEW TO THIS AG CENSUS

- Pretty similar
- Land ownership
- Land use
- Crops and Livestock
- Demographic section- decision making on farms and ranches
- Dollars farmers receive for marketing directly to retail institutions
- Sales of value added products

- 2012- revise about people on the farms to capture the roles of all people.
- Principal operators
- Want to show all who make decisions on the farm.



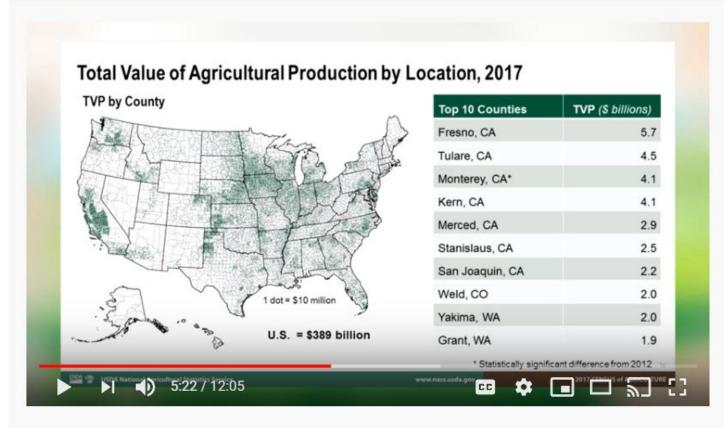


Search





 https://www.youtube.com/ watch?v=NZJ7dBliO7M&fe ature=youtu.be



2017 Census of Agriculture - Economics Data Release

Unlisted

487 views















USDA

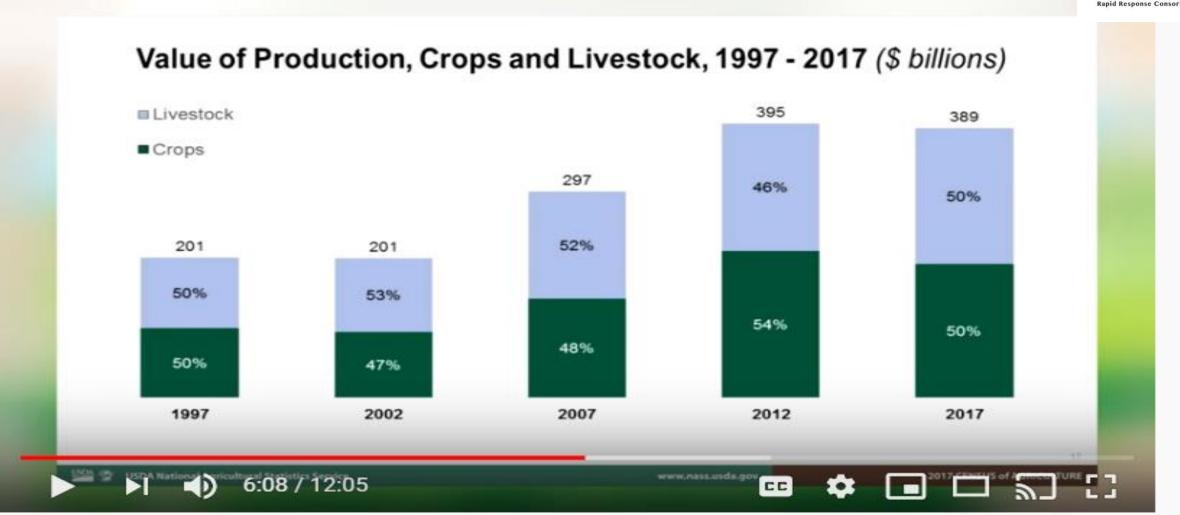
Uploaded on Apr 11, 2019

SUBSCRIBE 13K

Jody McDaniel of USDA's National Agricultural Statistics Service presents a data release video on Economics data from the newly released 2017 Census of Agriculture



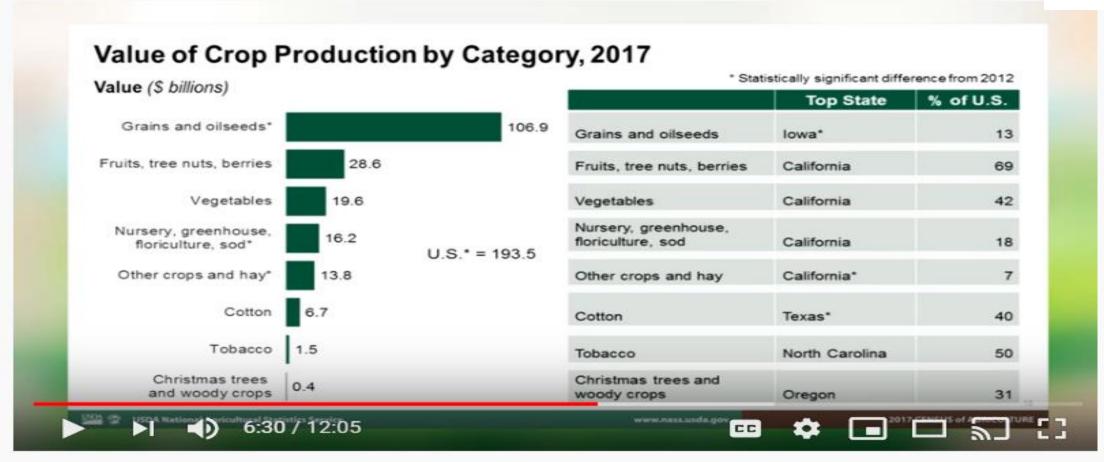












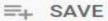
Unlisted







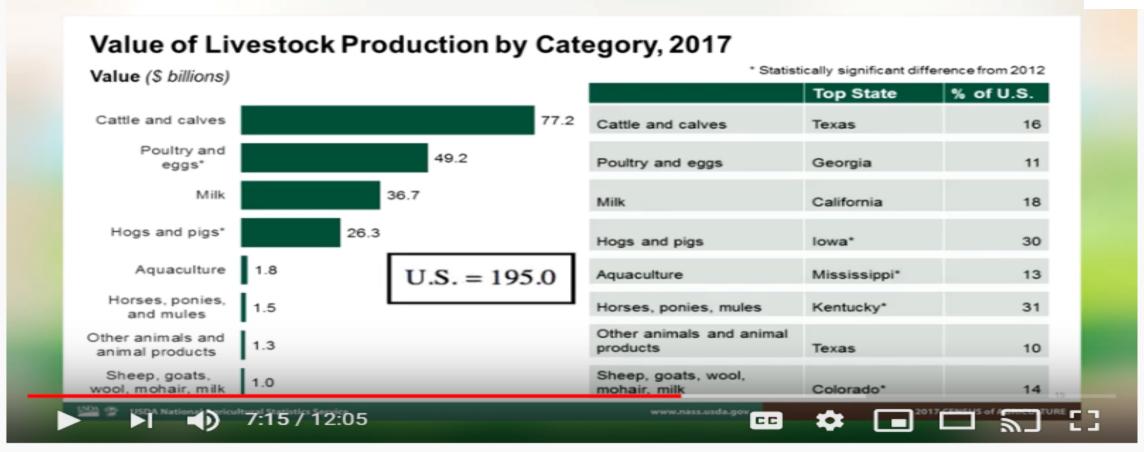












□ Unlisted





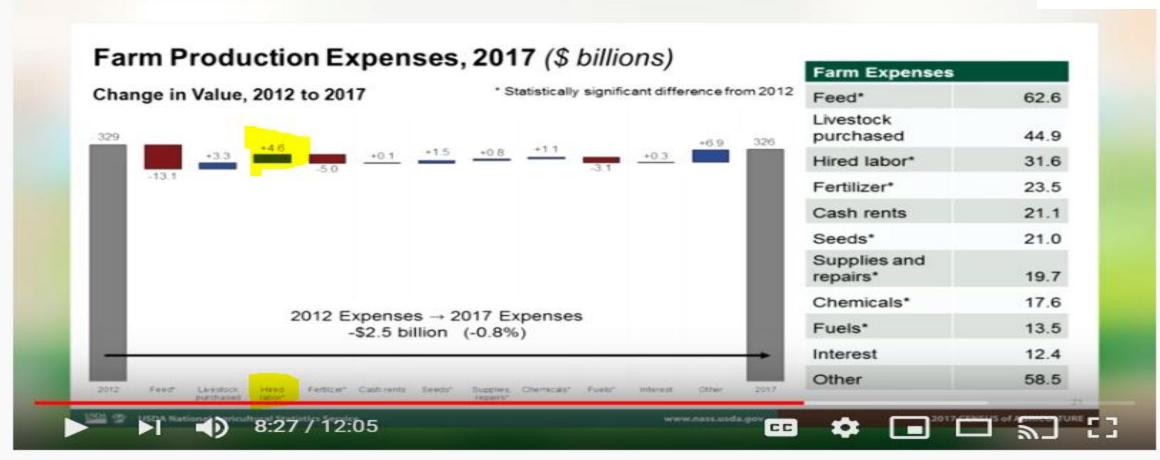












Unlisted





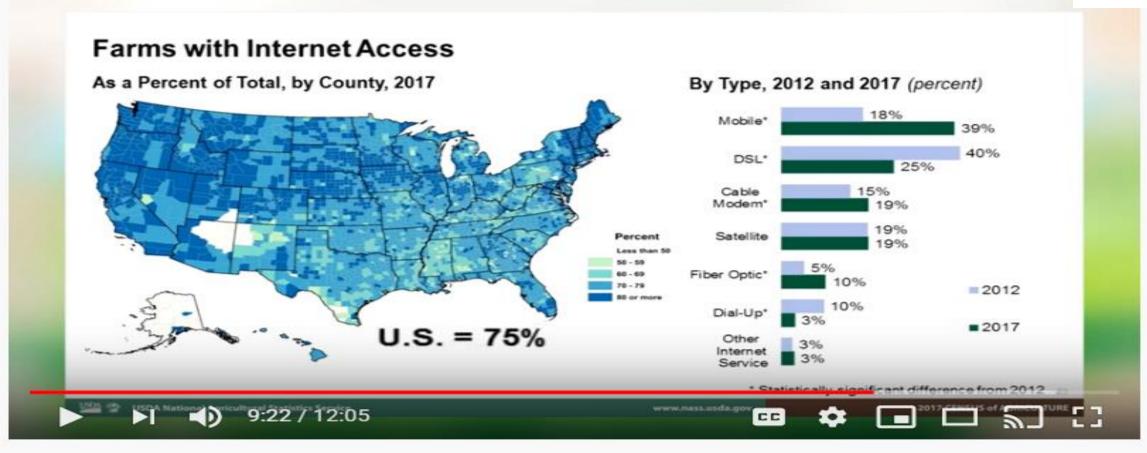












⊕ Unlisted



















Upcoming Census Releases Release Title **Release Date** April 11 Market Value of Ag Products Sold Rankings May 30 State & County Profiles June 26 Congressional District Profiles June 26 Congressional District Rankings July 25 Watersheds August 26 American Indian Reservations September 18 Zip Code Tabulations October 1 Race, Ethnicity & Gender Profiles November 13 2018 Irrigation and Water Management Survey December 5 Specialty Crops December 19 2018 Census of Aquaculture 9:54 / 12:05 CC

2017 Census of Agriculture - Economics Data Release

Unlisted

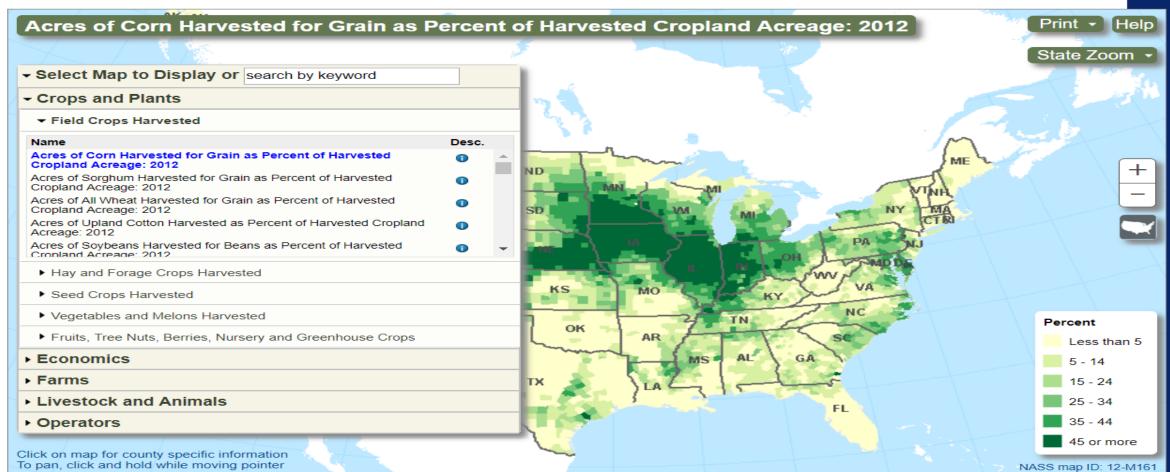


You are here: <u>Home</u> / <u>Publications</u> / <u>AgCensus</u> / <u>2012</u> / <u>Online Resources</u> / Ag Census Web Maps

Ag Census Web Maps

Overview | Download Data and Documentation

Statistics by State



USDA/NASS, 2012 Census of Agriculture

For data collection, some county equivalent entities in Alaska, Hawaii, Maryland, Missouri, and Virginia are included in other county equivalent entities. Also, choropleth change maps show county values representing significance of change, not county values indicating increase/decrease in 2012 vs. 2007 summary data.

Last Modified: 04/27/2018



WHAT CAN YOU DO WITH THE WEB MAPS?

• The Ag Census Web Maps application allows you to:

D

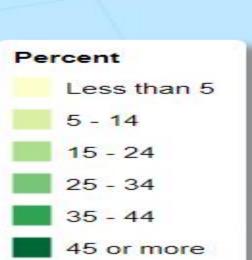
KS

OK

MO

- Select a map to display from a list of five general categories and associated subcategories.
- Zoom and pan to a specific area; use the inset buttons to center the map on the continental United States; zoom to a specific state; and show the state mask to fade areas surrounding the state.
- Create and print maps showing the variation in a single data item across the United States (for example, average value of agricultural products sold per farm).
- Select a county and view and download the county's data for a general category.
- Download the U.S. county-level dataset of mapped values for all categories in Microsoft ® Excel format.

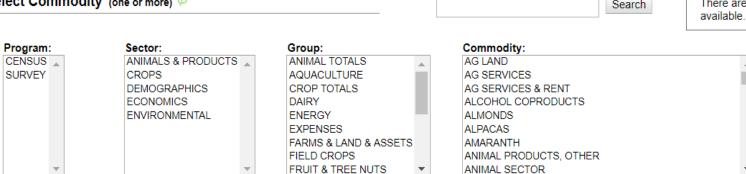
FL







Quick Stats Recent Statistics | Developers | Help 41,797,528 records. Navigation History: Keyword Search Hints Select one or more items to filter records. Select Commodity (one or more) There are currently 41,797,528 records Search available. Sector:



Select Location (one or more)

Geographic Level:

AGRICULTURAL DISTRICT AMERICAN INDIAN RESERVATION COUNTY INTERNATIONAL NATIONAL REGION: MULTI-STATE REGION : SUB-STATE STATE WATERSHED

Select Time (one or more) 📮

These include recent farm surveys information. Play with this page to see how it works. The more you use it the more helpful it will become.

https://quickstats.n ass.usda.gov/



LABOR, JE TO A LUDER WORKERS



This is a brand new really neat tool that can help you get some great data breakdowns.

https://www.na ss.usda.gov/Q uick Stats/CD QT/chapter/1/t able/1



FARM **PRODUCERS**

Check out the



The 2017 Census of Agriculture questionnaire substantially revised the highlights publications demographic data collected in order to better capture the contributions of all persons involved in farm operations and agricultural production. The revised questions, which identified a producer as someone involved in making decisions for the farm, led to more people identifying as producers. The 2017 Census also collected data on young producers, new and beginning producers, and (for the first time) those with military service.

3.4 million producers 57.5 years average age 2 million farms

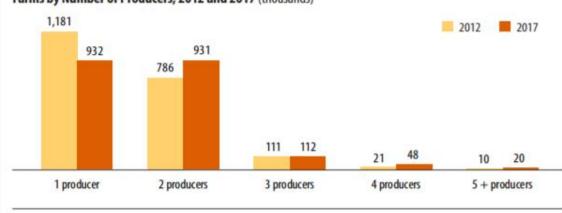
Total Producers

In 2017, the total number of U.S. producers was 3.4 million, a 6.9 percent increase over 2012, as more farms reported multiple individuals involved in farm decision making. In 2017, the majority of farms (54 percent) reported more than one person as producer. In 2012, the majority (56 percent of farms) identified only one producer.

While the number of male producers declined 1.7 percent, the number of female producers increased nearly 27 percent, underscoring the effectiveness of the attempt to better represent

The total number of producers increased nearly 7 percent between 2012 and 2017. The number of farms with only one producer declined; all categories of farms with two or more producers increased.





Virre

States

Select the State from the map or from the text below.



Alabama
Alaska
Arizona
<u>Arkansas</u>
California
Colorado
Connecticut
Delaware
Florida
Georgia
Hawaii

Idaho Illinois

Nebraska
Nevada
New England
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania

Puerto Rico
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
<u>Utah</u>
Vermont
Virginia
Washington
West Virginia
Wisconsin
Wyoming

Last Modified: 05/04/2018



You are here: Home / Statistics by State / Tennessee

I Want To

Contact the Tennessee Field Office

Subscribe to TN reports

Make sure I'm counted

Learn About the Tennessee Field Office

More State Features

Special Surveys

Find Tennessee Charts or Maps

USDA's National Agricultural Statistics Service Tennessee Field Office (Part of the Eastern Mountain Regional Field Office)



USDA's NASS Tennessee Field Office is operated in cooperation with the <u>Tennessee</u> <u>Department of Agriculture</u>.

Tennessee Statistics

Quick Stats (Searchable Database)

County Estimates

Tennessee Agricultural Overview

Census of Agriculture for Tennessee

Tennessee Publications & Survey Results

Publications and News Releases

Farm Facts - Survey Results

Annual Summary Bulletin

County Estimates

Crop Progress & Condition

TN News Releases

Last Modified: 08/08/2019

Questions? Comments? Suggestions? Please email nass.usda.gov or call (800) 928-5277

 \sim Providing Timely, Accurate and Useful Statistics in Service to U.S. Agriculture \sim





Statistics by State

Nass

Report pending ...

Publications

Today's Reports

Aug 26, 2019

Census: American Indian Reservations

Released at 12:00 pm ET

Crop Progress

Released at 4:00 pm ET

This page will automatically refresh with links to the reports when they are released in: **1 hours 24 minutes 02 seconds**.

If they do not, <u>click here</u> to manually refresh.

Reports Calendar by Year

2019

<u>January</u>	<u>February</u>	March	<u>April</u>
<u>May</u>	June	<u>July</u>	<u>August</u>
<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>

The 2019 Agricultural Statistics Board calendar is now available for download in PDF format (<u>full calendar</u> or <u>printer-friendly</u>), as well as in the <u>iCalendar format</u>.

You may also click here to order 2019 ASB pocket calendars.

Most Requested Reports

Acreage *

Agricultural Prices

Cattle *

Rice Stocks *

Prospective Plantings *

Quarterly Hogs & Pigs *



View: As List | More Calendars

Previous August 2019 Next

Monday		Westpoodsy		Friday
Monday	Tuesday	Wednesday	Thursday	
			1	2
			3:00 pm ET	3:00 pm ET
			- Cotton System	- Farm Production
			- <u>Dairy Products</u>	<u>Expenditures</u>
			- Fats & Oils	- <u>Peanut Prices</u>
			- <u>Flour Milling</u>	
			- Grain Crushings	
			- Honey Bee Colonies	
5	6	7	8	9
4:00 pm ET	3:00 pm ET	3:00 pm ET		3:00 pm ET
- Crop Progress	- <u>Land Values</u>	- Broiler Hatchery		- <u>Peanut Prices</u>
	3:00 pm ET - Quick Stats			
	Database			
	- Cash Rents			
12	13	14	15	16
12:00 pm ET		3:00 pm ET		3:00 pm ET
- Cotton Ginnings		- Broiler Hatchery		- <u>Farm Computer</u>
- Crop Production		- <u>Turkey Hatchery</u>		Usage and Ownership
_				- Peanut Prices
4:00 pm ET				
- <u>Crop Progress</u>				
19	20	21	22	23
3:00 pm ET		3:00 pm ET	3:00 pm ET	12:00 pm ET
- Milk Production		- Broiler Hatchery	- <u>Cold Storage</u>	- Rice Stocks
- IVIIICT TOUGOTION		- Mushrooms	- Livestock Slaughter	- KIOC OTOOKS
3:00 pm ET - Quick Stats			<u></u>	3:00 pm ET
Database				- Cattle on Feed
- <u>County Estimates:</u>				- Chickens and Eggs
				- Peanut Prices
<u>Hogs</u>				- Poultry Slaughter
4:00 pm ET				- I Cally Slaughter
_				
- <u>Crop Progress</u>	0.7			
26	27	28	29	30
12:00 pm ET	3:00 pm ET	3:00 pm ET	3:00 pm ET	3:00 pm ET
- Census: American	- <u>U.S. and Canadian</u>	- Broiler Hatchery	- Peanut Stocks and	- <u>Agricultural Prices</u>







Home / Prospective Plantings

Prospective Plantings NASS

This report contains the expected plantings and last year?s harvest for principal crops and tobacco presented on a state basis. Principal crops are as follows: corn, all wheat, winter wheat, durum wheat, other spring wheat, oats, barley, flaxseed, cotton, rice, all sorghum, sweet potatoes, dry edible beans, soybeans, sunflower, peanuts, sugarbeets, canol, and proso millet.

Frequency of Release: Annually

Category: Crops and Crop Products:Sugar Crops, Crops and Crop Products:Tobacco, Crops and Crop Products:Cotton and Cottonseed, Crops and Crop Products:Grains and Oilseeds, Crops and Crop Products:Vegetables and Pulses

Keywords: harvest, weather, area, acreage, planting

Releases		Filter by Date
Date	Download	Details
Mar 29, 2019	PDF TXT ZIP	•

Log in or Sign Up to subscribe

LATEST RELEASE

Mar 29, 2019

PDF TXT ZIP



PUBLICATION CONTACT

Contact office name: National Agricultural Statistics Service

Contact email: nass@nass.usda.gov





Peanut Area Planted - States and United States: 2017-2019

	Area planted			
State	2017	2018	2019 ¹	Percent of previous year
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(percent)
Alabama	195.0	165.0	170.0	103
Arkansas	30.0	26.0	25.0	96
Florida	195.0	155.0	170.0	110
Georgia	835.0	665.0	670.0	101
Mississippi	44.0	25.0	20.0	80
New Mexico	7.6	5.5	5.0	91
North Carolina	119.0	102.0	100.0	98
Oklahoma	22.0	16.0	20.0	125
South Carolina	122.0	87.0	65.0	75
Texas	275.0	155.0	180.0	116
Virginia	27.0	24.0	24.0	100
United States	1,871.6	1,425.5	1,449.0	102

¹ Intended plantings in 2019 as indicated by reports from farmers.

Prospective Plantings (March 2019) USDA, National Agricultural Statistics Service





Sugarbeet Area Planted - States and United States: 2017-2019

[Relates to year of intended harvest in all States except California]

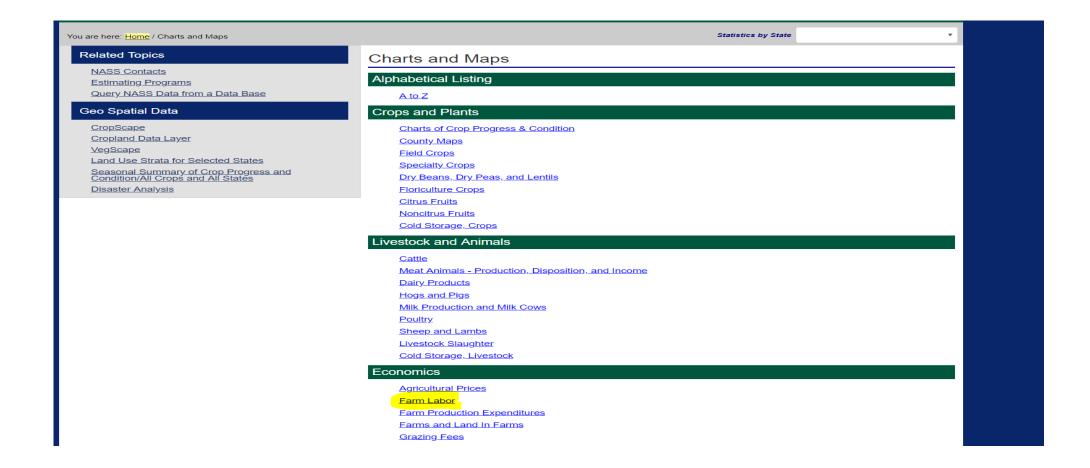
	Area planted			
State	2017	2018	2019 1	Percent of previous year
à	(1,000 acres)	(1,000 acres)	(1,000 acres)	(percent)
California 2	25.0	24.6	24.5	100
Colorado	29.4	26.3	26.5	101
Idaho	167.0	163.0	167.0	102
Michigan	144.0	150.0	147.0	98
Minnesota	420.0	415.0	417.0	100
Montana	42.9	43.5	46.8	108
Nebraska	46.1	45.5	43.8	96
North Dakota	214.0	202.0	203.0	100
Oregon	9.1	9.3	9.7	104
Washington	1.8	1.8	1.8	100
Wyoming	32.1	32.1	33.1	103
United States	1,131.4	1,113.1	1,120.2	101



Intended plantings in 2019 as indicated by reports from processors.
 Relates to year of intended harvest for fall planted beets in central California and to year of planting for overwintered beets in central and southern California.



CHARTS AND MAPS



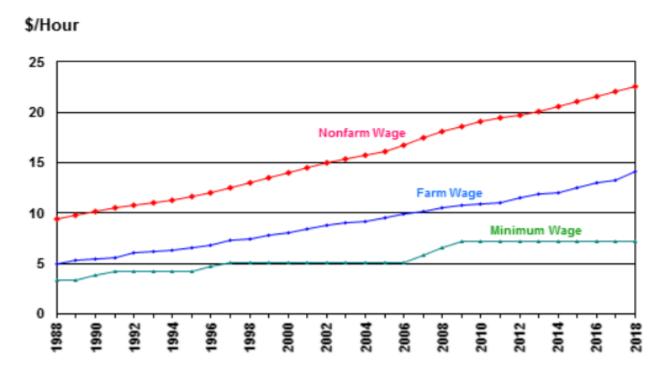




Charts and Maps

Farm Labor: Wage Rate by Type by Year, US

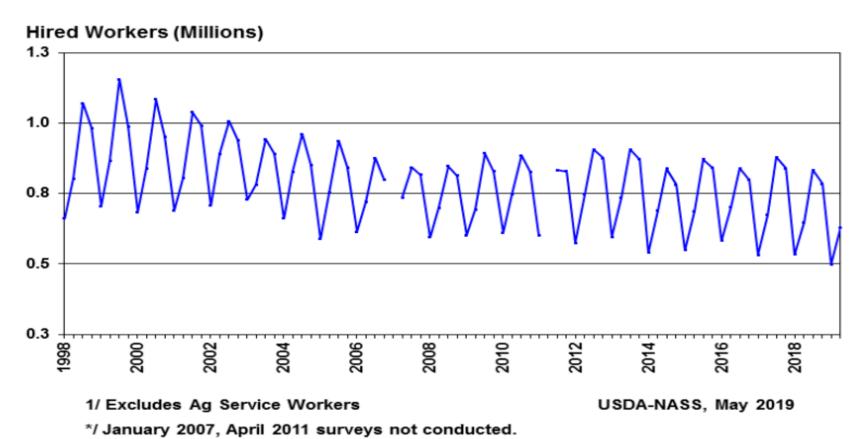
A Comparison of U.S. Wage Rates 1988 – 2018





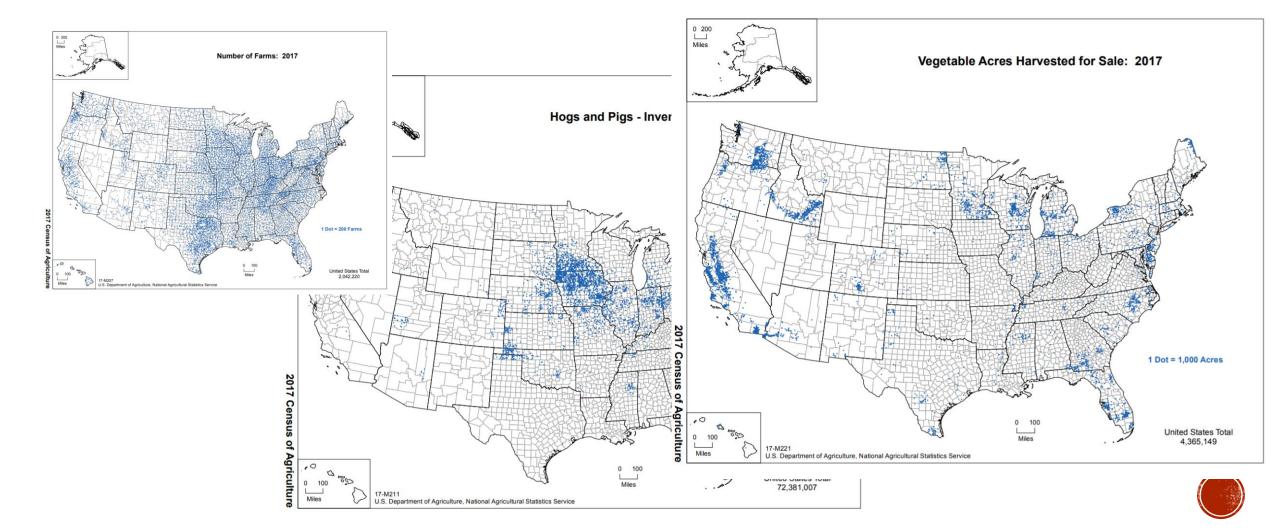
Farm Labor: Workers by Quarter, US

U.S. Hired Farm Workers 1/ Quarterly Data





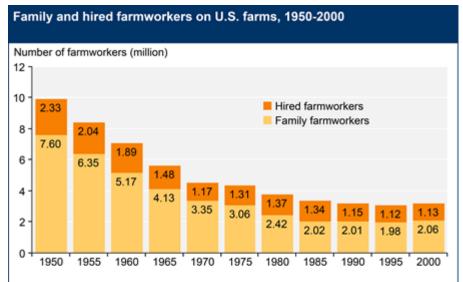
AG CENSUS WEB MAPS





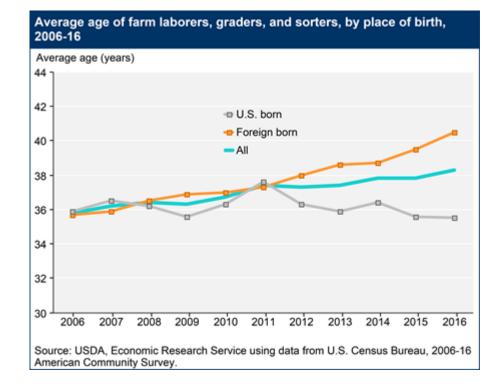
USDA RESOURCES- THERE ARE TONS!!!

- Farm Labor Information
- https://www.ers.usda.gov/topics/far m-economy/farm-labor/#links



Note: Family farmworkers include self-employed farmers and unpaid family members. Hired farmworkers include direct hires and agricultural service workers employed by farm labor contractors.

Source: USDA, Economic Research Service using data from USDA, National Agricultural Statistics Service, Farm Labor Survey (FLS). The FLS stopped estimating the number of family farmworkers beginning in 2001. As of 2012, the survey no longer counts contracted agricultural service workers.

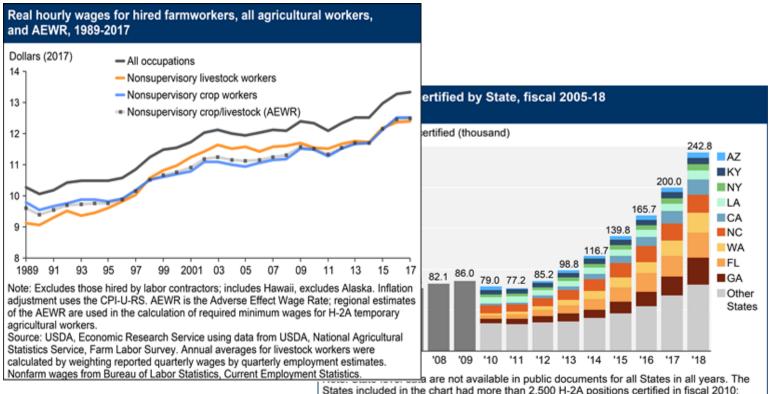






USDA RESOURCES- THERE ARE TONS!!!

- Farm Labor Information
- https://www.ers.u sda.gov/topics/far m-economy/farmlabor/#links



States included in the chart had more than 2,500 H-2A positions certified in fiscal 2010; Arkansas met this threshold, but lacked data for 2015-18. Dark grey bars represent aggregates where individual State-level data are not identified.

Source: USDA, Economic Research Service using data from U.S. Department of Labor,

Office of Foreign Labor Certification (OFLC).

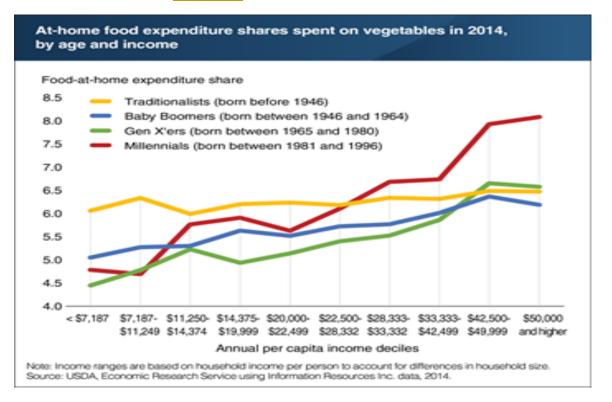




USDA IS A PLACE TO VISIT OFTEN

- https://www.ers.usda.gov/topics/
- Tons of Topics
- Farm Economy
- Animal Products
- Crop Outlooks
- Food Markets
- International Trade
- Rural Population

 https://www.ers.usda.gov/dataproducts/editors-pick-charts-of-note-2018/





USE STATE AG CENSUS RESOURCES

 https://www.nass.usda.gov/Publicati ons/AgCensus/2017/Full Report/Vol ume 1, Chapter 2 County Level/





Search NASS

Q

Data & Statistics ▼

Publications ▼

Newsroom '

Surveys ▼

ensus

About NASS ▼

Contact Us ▼

Help ▼

You are here: Home / Publications / AgCensus / 2017 / Full Report / Census by State / Vermont

Quick links for Census of Ag

Partner Tools

Frequently Asked Questions / More Information

Your Census. Your Story.

Ag Census-Solicitation for Input

Historical Census of Ag Publications

Choose a Census v

Find current data by...

State and County

Highlights

Surveys related to the Census of Ag

Census of Aquaculture

Census of Horticulture

Irrigation & Water Management

<u>Local Food Marketing Practices</u>

On-Farm Energy Production

<u>Organics</u>

Tenure, Ownership & Transition of Agricultural Land

Census of Agriculture

2017 Census by State - Vermont

State and County Reports

- State
- County

County Profiles

State & County

Rankings

Market Value of Ag Products

Congressional Districts

- Congressional District Rankings
- Congressional District Profiles

Census Quick Stats

Query the 2017 Census of Agriculture database to retrieve customized tables with census data at the national, state and county levels

· Click here to access the Quick Stats system.

Last Modified: 06/24/2019



~ Providing Timely, Accurate and Useful Statistics in Service to U.S. Agriculture ~



AG CENSUS SUMMERY

- https://www.nass.usda.gov/Publications/AgCe
 nsus/2017/Online Resources/County Profiles/
- View ag summary data for every county in your state.

Census of Agriculture

2017 State and County Profiles

Select the State from the map or from the text below the map.



<u>labama</u>	<u>Indiana</u>	
laska	<u>lowa</u>	
<u>rizona</u>	<u>Kansas</u>	
<u>rkansas</u>	<u>Kentucky</u>	
<u>California</u>	<u>Louisiana</u>	
<u>Colorado</u>	<u>Maine</u>	
<u>Connecticut</u>	<u>Maryland</u>	
<u>)elaware</u>	<u>Massachusetts</u>	
<u>lorida</u>	<u>Michigan</u>	
<u>Georgia</u>	<u>Minnesota</u>	
lawaii	<u>Mississippi</u>	
<u>daho</u>	<u>Missouri</u>	

Montana

Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Puerto Rico (2/28/2020)

Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Vermont
Virginia
Washington
West Virginia
Wisconsin



Wyoming



VI AC CENSUS SUMMARY

e Information

ations

of Ag

Agricultural Land

 https://www.nass.usda.gov/Publications/AgCe nsus/2017/Online Resources/County Profiles/ Vermont/



Total and Per Farm Overview, 2017 and change since 2012

	2017	% change since 2012
Number of farms	720	-12
Land in farms (acres)	169,874	-18
Average size of farm (acres)	236	-8
Total	(\$)	
Market value of products sold	173,440,000	-7
Government payments	1,362,000	-64
Farm-related income	6,569,000	-12
Total farm production expenses	145,217,000	-6
Net cash farm income	36,153,000	-15
Per farm average	(\$)	
Market value of products sold	240,889	+6
Government payments		
(average per farm receiving)	10,983	-23
Farm-related income	20,151	-2
Total farm production expenses	201,691	+6
Net cash farm income	50,213	-4

22	Percent of state agricult sales
	sales

Share of Sales by Type (%)

Crops
Livestock, poultry, and products

Land in Farms by Use (%) a

Cropland

Pastureland Woodland Other

Acres irrigated: 424 (Z)% of land i

Land Use Practices (% of farms)

No till
Reduced till
Intensive till
Cover crop

Census of Agriculture

2017 State and County Profiles - Vermont



Statewide Summary

Addison
Bennington
Caledonia
Chittenden

Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington
Windham
Windsor





USING THE AG CENSUS

• Get to know what is in your counties....

Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	T	U	V	W	Χ	Υ	Z	AA	AB	AC	AD	AE	AF	AG
ounty	Farms	Acres #	Average size of farm acres	Cropland farms # of	Cropland farms acres	Harvested cropland acres	Irrigated # of Farms	Irrigated Land # of acres	market value of \$ sold (\$1000) average per farm	Market Value of Crops including nursery and greenhouse crops (\$1000)	Livestock, Poultry and their products- Market Value	cattle and calf farms	# of cows	beef farms	beef cows	milk farms	# of milk cows	pig farms	# of pig inventory	sheep and lamb farms	sheep and lamb inventory #'s	layers farm #'s	broiler farm #s	brollers sold # of	Contract Labor farms	Hired Farm Labor farms (# of farms that hired)	Hired farm labor # of workers	Total Migrant Workers: Farms	Total Migrant Workers: Workers	Farms with workers—less than 150 days #farms	Farms with workers—less than 150 days #of workers	Vegetables harvested for sale farms
nt (State)	6808	1193437	175	4810	479680	417925	672	3017	114703	187096	593872	2317	254796	1399	15717	841	128742	424	4736	704	17367	1486	256	345831	546	2042	8458	128	786	1494	4552	709
dison	720	169874	236	540	107751	95175	62	424	240889	25415	148025	227	58906	137	2222	99	30381	70	475	88	2920	154	27	(D)	57	232	1316	27	237	165	517	67
nington	250	33079	132	154	11048	7796	24	493	70198	10910	6640	78	3515	61	658	14	1323	10	56	15	323	45	9	(D)	27	56	288	1	(D)	47	175	23
edonia	585	86999	149	450	31338	27958	29	54	72076	6989	35176	245	16179	148	1285	93	7692	23	726	51	956	122	21	1678	39	135	449	5	13	97	236	321
tenden	585	64226	110	384	26828	22188	95	463	74493	22333	21245	116	10000	70	1038	42	4600	9	115	65	1566	107	13	4790	67	162	875	20	128	125	597	201
ssex	106	42801	404	72	7951	6304	7	9	119888	5047	7661	41	3653	22	126	13	1903	11	(D)	12	356	26	10	4270	2	39	296	1	(D)	34	126	41
nklin	729	189699	260	501	83162	76834	46	284	254614	38698	146916	297	56589	131	1444	151	33834	18	172	35	405	106	12	2850	88	308	1128	22	91	197	494	380
nd Isle	119	18799	158	107	12631	11510	16	47	150720	3037	14899	57	6148	38	415	15	3033	2	(D)	8	131	24	3	(D)	13	40	167	6	21	26	95	10
noille	329	53155	162	181	14581	12307	36	171	84319	10059	17682	112	7802	63	449	41	4088	26	187	24	197	78	16	1788	25	107	377	8	18	83	240	33
ange	569	85629	150	391	32583	29133	25	150	96749	12538	42512	232	17627	137	1502	82	7907	50	771	101	2197	122	12	812	35	137	680	8	48	114	416	41
eans	558	128388	230	421	58570	52626	35	96	164875	12617	79383	238	37347	118	1554	109	19483	44	218	39	1217	113	19	(D)	58	178	773	6	30	117	385	24
tland	614	98863	161	460	34628	27516	74	192	28816	10331	18485	164	11366	160	1810	65	4054	21	438	44	2836	134	28	3086	37	155	434	1	(D)	112	250	90
nington	553	64443	117	438	21620	17826	85	129	30728	9144	21584	155	10179	115	982	49	4457	25	272	55	778	149	30	2693	39	172	479	8	27	140	321	101
dham	414	44844	108	277	14354	11944	77	383	28586	11369	17217	76	6776	64	443	27	3352	26	138	55	944	132	32	4159	23	110	620	12	116	71	375	73
ndsor	677	112638	166	434	22635	18808	61	122	25058	8610	16448	146	8619	135	1789	41	2635	36	1056	112	2541	174	24	4245	36	211	576	3	7	166	325	72



CONTACT INFORMATION

- Jessica Castaneda
- IRRC Director
- 931-668-4129 office
- 931-273-4050 cell
- jcastanedaidr@gmail.com
- http://www.idr-consortium.net/



