

MAPPING THE FUTURE



Tennessee Agriculture 2014

Departmental Report & Statistical Summary



Governor Bill Haslam

I am grateful to the Department of Agriculture, University of Tennessee Institute of Agriculture, Tennessee Farm Bureau and other industry partners for working together to implement the *Governor's Rural Challenge: A 10-year Strategic Plan*.

Having an industry plan is critical for identifying obstacles and opportunities as we continue to leverage public/private investments and partnerships to help grow agriculture and forestry in Tennessee and make rural economic development a priority. The Department of Agriculture is leading efforts of the multi-agency Agriculture and Forestry Economic Development Taskforce to better focus state resources on rural development opportunities. The Tennessee Agricultural Enhancement Program continues to be an important asset to increase farm income and enhance economic activity in our rural communities.

Farming is a different business than it was a generation ago. With our Drive to 55 to ensure that at least 55 percent of Tennesseans have a certificate or degree beyond high school in the next 10 years, we are helping to address the workforce development needs of today's agricultural industry and prepare for the future. Through the Tennessee Promise, high school graduates have the opportunity to attend a Tennessee community college or college of applied technology (TCAT) tuition free. Our Tennessee Reconnect program allows adults to attend TCATs for free, and through legislation before the General Assembly this session, we hope to provide last dollar scholarships for adults with some postsecondary credit to return to community college and complete their associate degree. As governor, I am excited by the prospect of students putting this education to use and contributing to the long-term success of our farms, agribusinesses, rural communities, and ultimately, our state.

I want to recognize and thank the employees of the Department of Agriculture for delivering a range of valuable services to the citizens of Tennessee in a customer-focused and efficient manner. I'm proud to join with them in providing you with this report.

Sincerely,



Bill Haslam

Commissioner Julius Johnson

Looking back on the impact and achievements of the Tennessee Department of Agriculture in 2014, several milestones stand out.

The Pick Tennessee Products app reached more than 20,000 downloads in its first six months following launch. More than 47,000 burn permits were issued through our online system. Tennessee saw \$20 million in new agricultural and forestry sector investments in the last half of the year and we are on target to continue that growth.

The departments of Agriculture and Economic and Community Development are looking at how we can better direct capital toward agriculture and energy, food, technology and transportation advancements. This kind of investment is critical to developing new supply chain markets for farmers.

We also have a new plan in place to grow and improve our beef cattle herds in Tennessee. That has great potential to benefit the entire state and put Tennessee at the forefront of U.S. cattle production.

Our commitment to fiscal responsibility remains strong. We continue to look for efficiencies while seeking to advance rural economic development, food safety and other priorities.

We're proud of our partnership with USDA-NASS in providing the latest farm production numbers for Tennessee.

Thank you for allowing us to serve you as we work to improve the lives of farmers, forest landowners and all citizens of Tennessee.

Sincerely,



Julius Johnson



Administration and Grants

Innovation, efficiencies and partnerships cap year's activities

From the Governor's Rural Challenge, to a Pick Tennessee Products mobile app to a public/private partnership to expand the state's beef herd, 2014 was marked by a focus on the future.

Education and workforce preparedness were identified as major concerns in the Governor's Rural Challenge strategic plan for growing our agricultural and forest sectors. Jobs now require a more complex skillset and increased focus on technology. Gov. Bill Haslam's Tennessee Promise program will provide graduating seniors two years of tuition-free education to a community college or technical school in Tennessee. This has the potential to be truly transformational for both our state and rural communities.

Through technology, the department is working to increase efficiencies and improve services. Pick Tennessee Products launched a mobile app in 2014 to better connect farmers, services and products with consumers. As the Tennessee Agricultural Enhancement Program entered its 10th year, online services helped broaden projects and to reach more farmers than ever before. The online burn permit system is helping to reduce the number of escaped debris fires, and TDA inspectors are now equipped with mobile devices for more efficient data management.

Valued as a \$34 million industry, agritourism remains a valuable asset to Tennessee's economy. The Tennessee General Assembly passed important legislation in 2014 amending Tennessee's "Right to Farm Act" by expanding the definition of "agriculture" to include entertainment under certain circumstances. Supported by Gov. Haslam, the new law provides guidance as to what constitutes acceptable entertainment activities on farms and will help ensure the future of agritourism in the state.

In the last half of 2014, Tennessee saw more than \$20 million in new private sector investments in agriculture and forestry with the potential for more in the coming year. We are exploring options for how to spur more ag innovation and entrepreneurship.

TDA has joined with the University of Tennessee Institute of Agriculture and the Tennessee Farmers Cooperative in announcing a unique public/private initiative to help rebuild Tennessee's declining beef herd. A beef heifer development

program will model best management practices and encourage a new sector within the beef industry.

In 2014, the Division of Forestry celebrated a century of service. Reforestation, forest health and wildfire protection, state forest management and landowner assistance remain hallmarks of the division's work in protecting and diversifying Tennessee's forests. A new initiative to build brand identity for Tennessee lumber and wood products aims to increase domestic and international demand.

All of this points to a rapidly changing world in which expansion of agriculture and forestry's capacity to produce are critical to the health and well-being of our rural communities.

- **35.6 million pounds of food distributed through the commodities program**
- **1,600 soil and water conservation practices funded**
- **512 rural crimes and 234 wildfire arsons investigated by the Agricultural Crime Unit**
- **21,000 visitors to the Agricultural Museum**



Market development

“App”-plying new tools connects farms, food businesses and consumers



The new Pick Tennessee mobile app was launched in the spring of 2014 just in time for strawberry season. Having a resource which allows users to search, locate and map to local farms and products dovetailed with a number of projects from Market Development.


The mobile app was made possible through USDA grant funds, which are awarded on a competitive basis. TDA marketing specialists regularly seek out and write proposals for federal funds as a way to conduct large scale, multi-year projects to better leverage state resources. The development of the mobile app was simply the final step in a multi-year Specialty Crop Block Grant project.

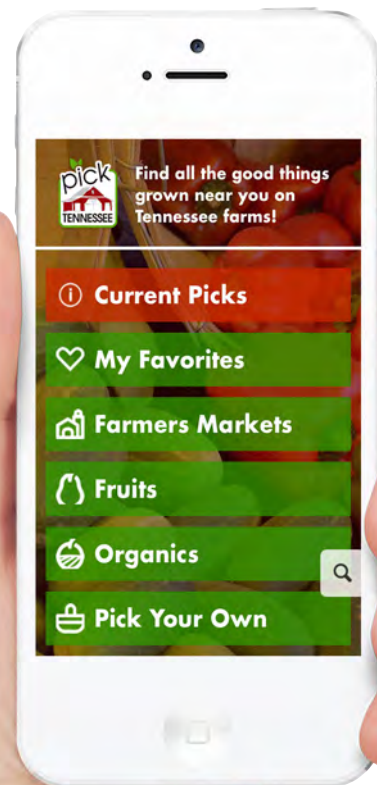
According to USDA’s 2014 National Farmers Market Directory, Tennessee showed the biggest increase in its number of farmers markets of any state for the year. Those markets are easier to find for the consumers who downloaded the Pick Tennessee mobile app to more than 20,000 devices in its first six months.

Another USDA funded project nearing completion in 2014 included a statewide Christmas tree farm promotion which resulted in a 230 percent increase in visits to the PTP Christmas tree farm Web pages over 2013. A 2015 survey of Tennessee Christmas tree growers will detail how closely foot traffic and décor sales on tree farms mirrored the increased Web interest.

A final report to the USDA will demonstrate the measurable successes of the promotion.

Within TDA, the Agricultural Development Fund, created with proceeds from the Tennessee Ag Tag vehicle license plate, supports innovative agricultural marketing projects which benefit an entire group or organization. In 2014, Market Development used Ag Tag dollars to host a farm-to-table dinner, placing farmers, wineries and artisan processors in a social setting with top tier chefs, restaurateurs and Tennessee food companies. “A Tennessee Table” dinner served as a kick-off event to another emerging SCBG farm-to-restaurant program focused on increasing contacts and commerce among producers, businesses and consumers who value local foods.

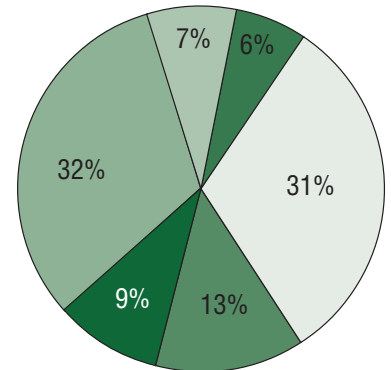
Pick Tennessee Products continues to help consumers identify locally grown and processed products through its Web presence, the mobile app, Facebook, Pinterest and Twitter. The PTP website lists about 2,200 participating farms, processors and other ag and farm businesses with about 10,000 individual items. The site attracted more than 310,000 visits in 2014. 



FY2006 - FY2014

Program	#of Paid Projects	\$ of Paid Projects
Livestock Equipment	16,130	\$33,416,555.27
Livestock Feed Storage	1,486	\$13,925,576.14
Genetics - FY05/06	10,678	\$10,144,315.53
Hay Storage	6,597	\$34,146,688.29
Grain Storage	780	\$8,235,365.51
Producer Diversification	1,416	\$6,658,240.64

Allocation of TAEP Funds




You could say farming is in David Mitchell's blood. He grew up in Christiana, working beside his father in the family dairy operation. Though the dairy cows were sold long ago, the dedication to agriculture remains. Today Mitchell Farms grows corn, soybeans, wheat and hay and runs as many as 300 beef replacement heifers at any given time.

Mitchell was able to triple his herd due, in part, to the Tennessee Agricultural Enhancement Program. TAEP is a cost-sharing program. Producers apply and then fulfill requirements to earn funding to defray the costs of strategic investments in their operation. The goal is to increase profitability and efficiency while promoting long-term investments in Tennessee's agriculture.

Mitchell has experienced those benefits and more. "I was able to purchase equipment to work with more cattle by myself in a safe way," Mitchell said. "TAEP enabled me to increase my operation's size and scale and make it more economical to operate."

Over the course of five years, Mitchell has added a hay barn, feed mixer, grain auger, squeeze chute, head catch, corral panels and scale using the cost-sharing program. Mitchell explained that for every \$1 he received in TAEP money, he spent at least \$2 of his own money to make those purchases. The University of Tennessee Agri-industry Modeling & Analysis Group estimates that each TAEP dollar generates an average of \$3.89 in local economies. More than

\$106 million has been invested in 37,087 producer projects since 2005. 5,073 producers received cost share approvals for FY14/15.

The improvements will continue on Mitchell Farms, with the goal to build a commodities shed and to expand the hay barn. David Mitchell hopes TAEP will play a role in that growth. "I've been farming my whole life. My cattle facilities are better now than they were before, and I needed that to be able to handle the numbers to make it practical." 



Celebrating a century, looking to the future

In 2014, the Division of Forestry celebrated a century of forest conservation, protection and enhancement. Tennessee's first state forester began work September 1, 1914 with a focus on wildfire control and reforestation of 'waste' land. Today, the focus is still on wildfire control, but also on promoting forestland values and benefits, forest health and productivity.

The division's humble beginnings were in statute for the State Geologic Survey with a special emphasis on the conservation and development of natural resources for industrial purposes. To carry out this provision, the Geological Commission established a Forestry Division and R.S. Maddox of Lincoln County was put in charge. A Yale School of Forestry graduate and former U.S. Forest Service employee, Maddox devoted much of his time aiding in the reclamation of gullied lands in West Tennessee. He also conducted studies of general forest conditions in the state.

Today, Tennessee's forests cover 14 million acres (52 percent) of the state. Our forests are prized for their beauty, wildlife habitat, timber, recreation, air and water quality, energy conservation, carbon sequestration, enhanced property values, storm water control and natural heritage. However, these benefits face constant threat from wildfire, insects and disease, lack of proper management and urban expansion. The work to protect this asset continues.

2014 highlights include:

Forest Protection –

- ◆ Suppressed 1,346 forest fires that burned 20,968 acres, the most since 2007.
- ◆ Treated 1,697 acres of public land for hemlock woolly adelgid to protect Tennessee's hemlock trees.
- ◆ Conducted 706 visits on 523 harvesting operations to guide landowners, foresters and loggers on the use of best management practices to protect Tennessee's waterways.

Rural and Urban Forest Resource Management –

- ◆ Provided 1,511 woodland inspections to resident landowners. Wrote 139 Forest Stewardship plans addressing 20,505 acres. Wrote 959 other forest management plans addressing 73,131 acres.
- ◆ Completed 12 Tennessee Agricultural Enhancement Program urban community tree planting grants and planted 897 trees in communities statewide.

State Forest Management –

- ◆ 18 timber sales conducted in FY 14 on 1,290 acres yielded 11.2 million board feet of timber with an

additional 9,542 tons of pulpwood. This generated \$2,987,725 in revenue.

Reforestation –

- ◆ Developed a seedling sales system that allows the public to order seedlings online (www.PlantTNTrees.org).
- ◆ Calculated estimated performance gains for loblolly pine and Nuttall oak orchard selections. Significant improvement in volume, quality of form (i.e. straighter trunks) and pest resistance are expected from progeny from these orchards.

Forest Businesses –

- ◆ Developed Tennessee Wood Products marketing campaign to connect consumers and the state's wood products industry through "branding" of products produced in Tennessee. The program is open to any business that produces and/or manufactures wood products in Tennessee.

For more information about forestry services, visit www.tn.gov/agriculture/forestry/.



Consumer & Industry Services

Bridging the gap between agriculture and citizens

When it comes to the agriculture and the citizen, Consumer and Industry Services bridges the gap. CIS aims to protect the public, help create a fair and balanced marketplace, and take action when necessary in order to obtain compliance. However the role of the department continues to evolve.

In recent years home-based businesses have boomed and those with a food theme are proving to be particularly popular. Mike Brown joined the department as the Food and Dairy outreach coordinator to interact with the public and to make the experience of starting a business more customer-friendly.

The concern for consumer safety carries right into your neighborhood grocery store. In July 2015 the Food Code will take effect. While the average consumer won't see any changes to their shopping experience, the Food Code does change the way inspections are conducted. There will be greater emphasis on ensuring that potentially-hazardous foods are handled in the safest fashion and that potentially-risky behaviors are addressed. Inspectors are also testing a digital program that allows real-time data uploads to the state inspection database.

Retail gasoline marketers now have greater flexibility in the types of fuel ethanol blends offered to consumers. Blends containing up to 15 percent ethanol can now be sold for use in 2001 and newer light and medium-duty vehicles. The new rules also provide an opportunity for businesses to offer a wider range of mid-level and high-level ethanol blends for use in Flex Fuel vehicles. These changes will lead to a greater market for blended fuels and take Tennessee one step closer to the federal requirement to increase alternative fuel sources. Companies that do business in the state will benefit and consumers will have expanded choices.

When you fill up your fuel tank, you want to get what you are paying for. The Tennessee Weights and Measures laboratory maintains and houses the primary standards of mass, volume and length for the state. Construction of a new metrology lab is expected to begin in 2015. It will contain the most current equipment and testing capabilities in order to ensure accuracy in commerce.

Livestock is big business in Tennessee. In 2012, sales topped \$1.5 billion. With oversight of Tennessee's state veterinarian and animal diagnostics lab, the health of livestock and pets remains important to CIS. From a regulation standpoint, the USDA's Animal Disease Traceability rule now requires



identification of all livestock transported across state lines. The goal is to prevent the spread of disease, and to respond quickly if an outbreak occurs. TDA officials will begin conducting routine compliance checks in 2015.

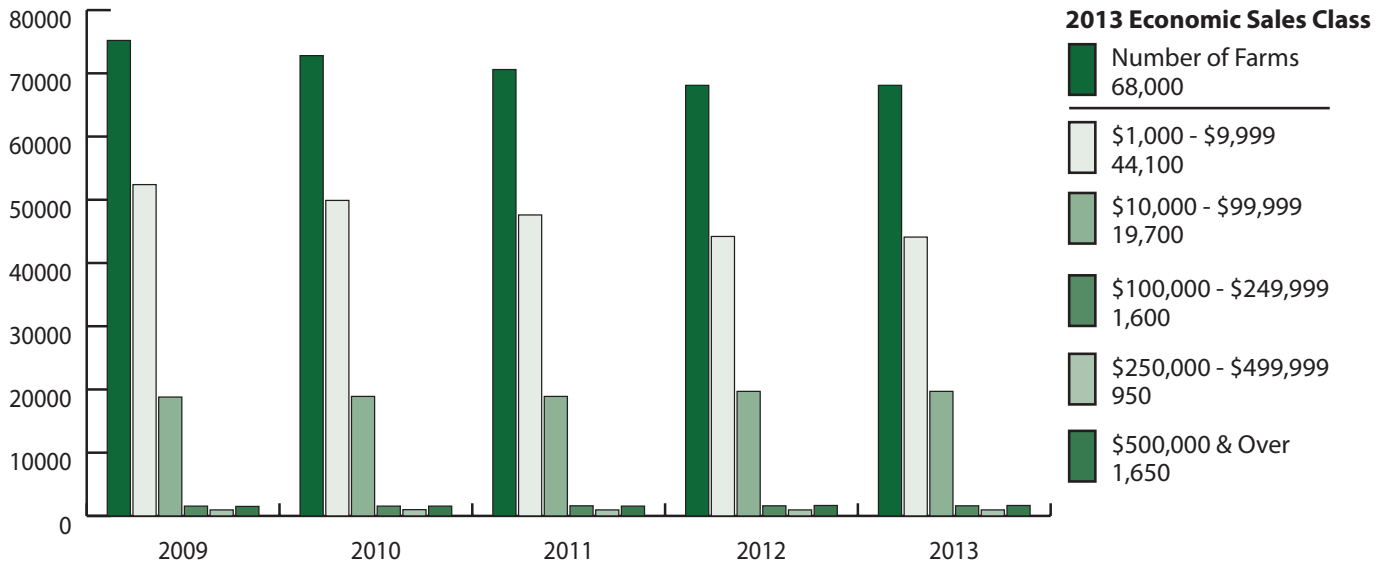
Industrial hemp can be used in textiles, fuel and food. Although it hasn't been grown in this state in more than 70 years, the Tennessee Legislature legalized production in 2014. The Department of Agriculture established a licensing and inspection program for development of the potential cash crop.

“Our mission in Consumer and Industry Services is to objectively administer state laws, rules and regulations in keeping with legislative intent and in a manner that improves, promotes and protects public health, safety and welfare,” assistant commissioner Jimmy Hopper said. “We are continually striving to create a favorable business climate that produces consistently safe and effective quality products and services.”

- **15,855 food store inspections**
- **93,867 fuel pump inspections**
- **225,485 animal diagnostic tests**
- **5,175 bee hive inspections**
- **15,352 commercial scales tested**
- **3,449 feed, seed and fertilizer samples tested**

Farms, Land In Farms, & Value

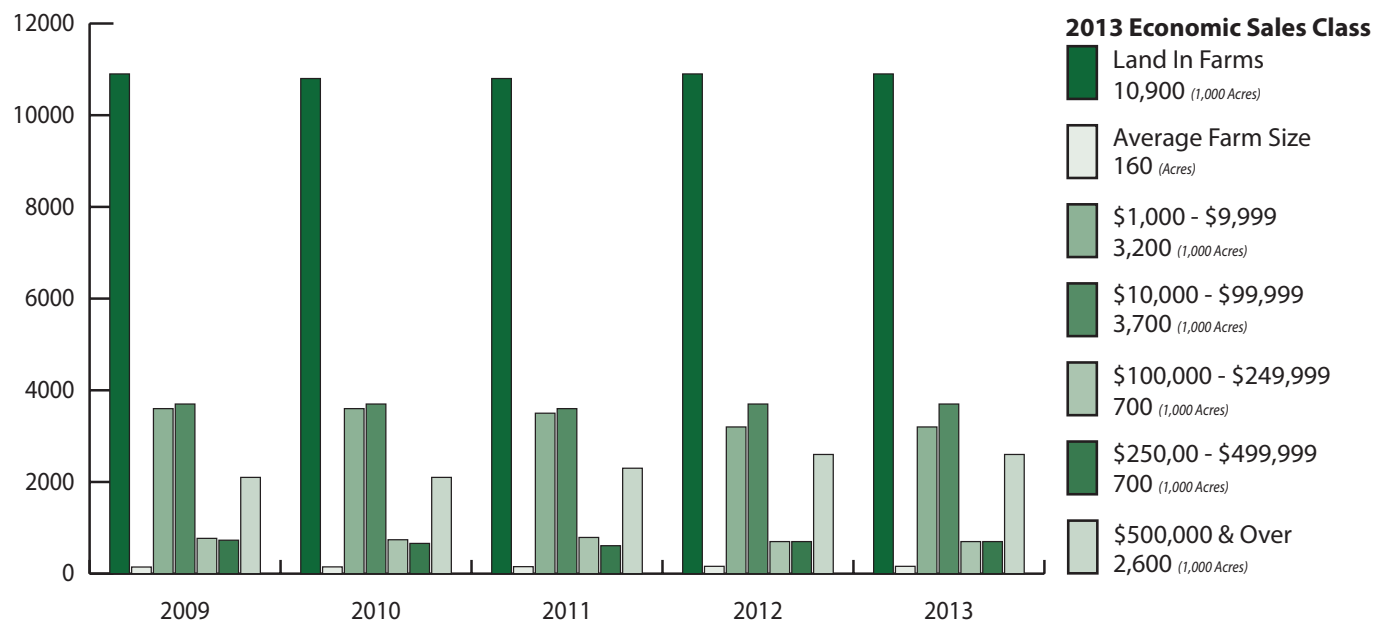
Number of Farms: Economic Sales Class, Tennessee, 2009-2013¹



¹ A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

Sources: Farms and Land in Farms Final Estimates 2008-2012 (May 2014) • Farms and Land in Farms 2013 Summary (May 2014) • USDA, National Agricultural Statistics Service

Land in Farms: Economic Sales Class, Tennessee, 2009-2013¹

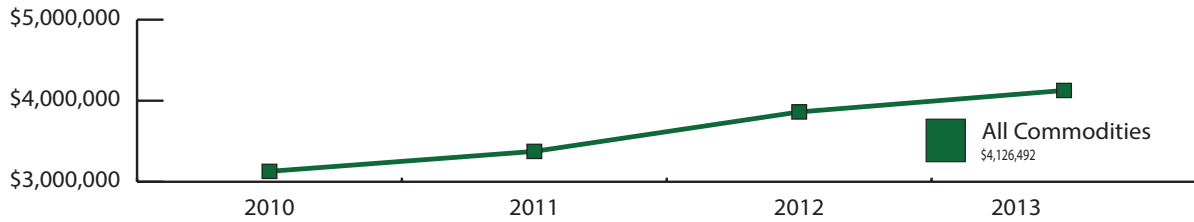


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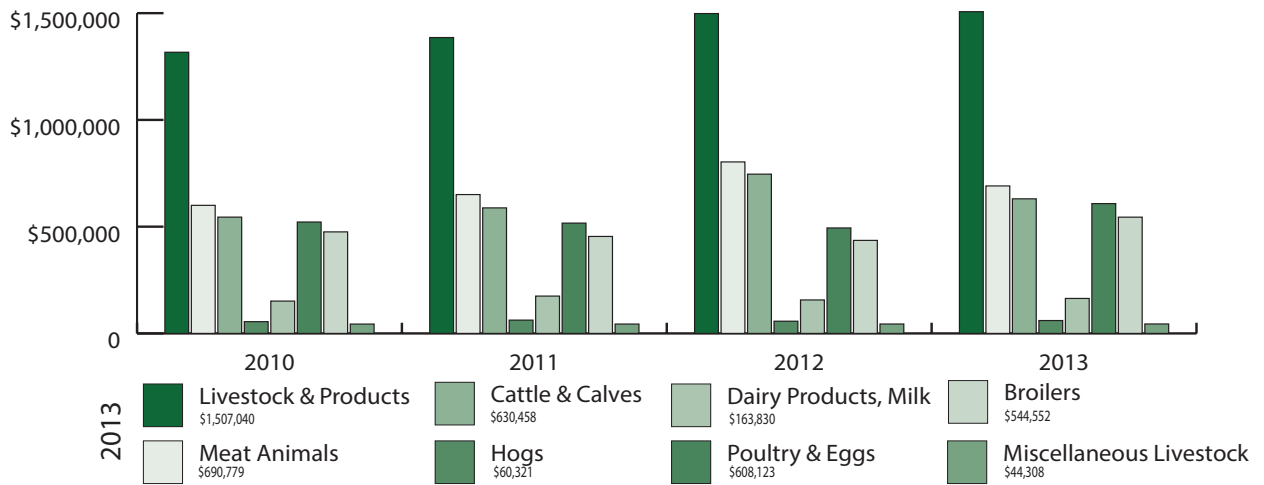
Sources: Farms and Land in Farms Final Estimates 2008-2012 (May 2014) • Farms and Land in Farms 2013 Summary (May 2014) • USDA, National Agricultural Statistics Service

Cash Receipts

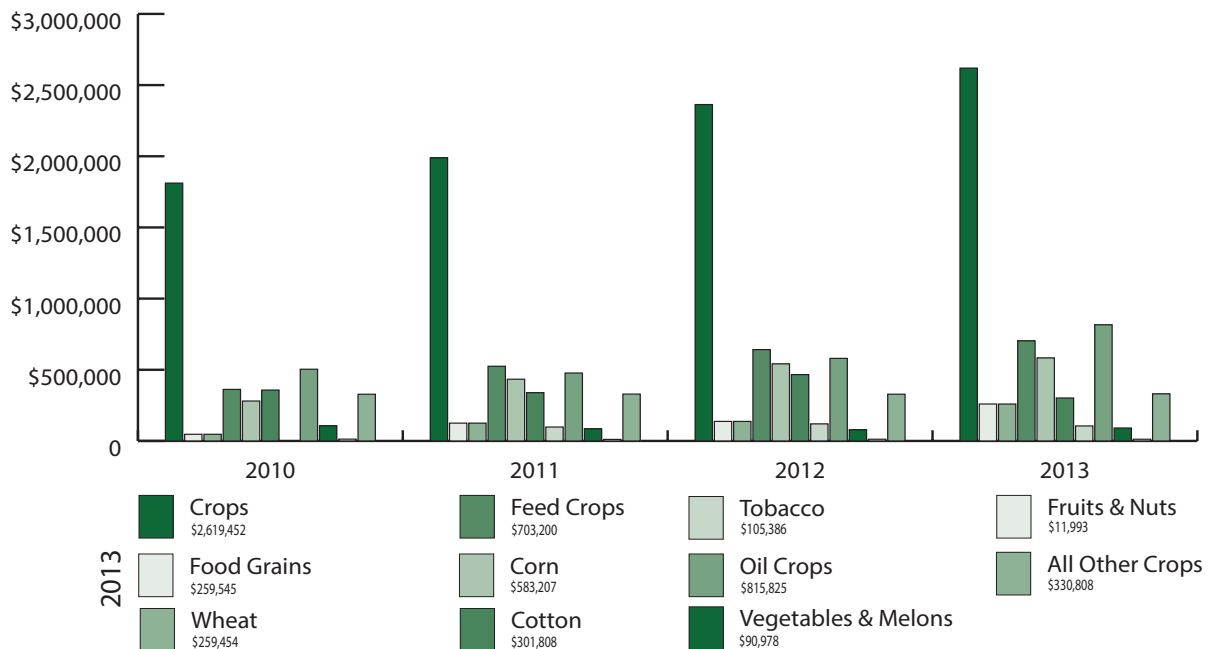
All Commodities 2013 - \$4,126,492



Livestock and Products 2013 - \$1,507,040



Crops 2013 - \$2,619,452



Tennessee's Rank In US Agriculture 2013

Item	Unit	Tennessee		Leading State		United States
		Rank	Production 1,000	State	Production 1,000	
General						
Farm Numbers	number	11	68.0	Texas	248.5	2,103
Land in Farms	acres	27	10,900	Texas	130,100	914,240
Average Size of Farm ¹	acres	44	160	Wyoming	2,626	435
Crops						
Tobacco, Dark Fire-Cured	lbs.	2	21,735	Kentucky	27,900	50,388
Tobacco, Burley	lbs.	2	20,385	Kentucky	148,000	192,465
Tobacco, Dark Air-Cured	lbs.	2	2,450	Kentucky	11,340	13,790
Tobacco, All	lbs.	7	44,570	N. Carolina	362,660	724,108
Tomatoes, Fresh	cwt.	3	1,122	Florida	9,010	24,591
Hay, Other	tons	5	4,370	Texas	8,250	78,365
Snap Beans, Fresh	cwt.	5	243	Florida	2,232	4,571
All Cotton	bales	10	423	Texas	4,316	12,551
Cottonseed	tons	10	141	Texas	1,468	4,406
Soybeans	bu.	15	69,920	Illinois	461,580	3,288,833
Corn, Grain	bu.	19	127,920	Iowa	2,161,500	13,925,147
Winter Wheat	bu.	16	38,340	Kansas	319,200	1,534,253
Apples	lbs.	27	6,900	Washington	5,950,000	10,441,700
Hay, Alfalfa	tons	33	57	California	6,120	57,581
Corn, Silage	tons	28	950	Wisconsin	16,170	117,851
Livestock						
Meat Goats ³	head	2	120	Texas	870	2,275
Equine ²	head	13	97	Texas	396	3,621
Beef Cows ³	head	13	864	Texas	3,910	29,042
Broilers	head	14	172,800	Georgia	1,334,600	8,524,800
All Cattle & Calves ³	head	16	1,760	Texas	10,900	87,730
Milk Goats ³	head	15	9	Wisconsin	46	355
All Hogs ⁴	head	22	200	Iowa	20,900	66,050
Milk Cows ³	head	29	48	California	1,780	9,221
Milk	lbs.	31	767	California	41,256	201,218
Sheep & Lambs ³	head	31	36	Texas	740	5,210
Honey	lbs.	32	315	N. Dakota	33,120	149,499
All Chickens ⁴	head	32	2,647	Iowa	65,830	464,328

¹ Average size of farm in actual units. ² 2012 Census of Agriculture. ³ January 1, 2014 Inventory.

⁴ December 1, 2013 Inventory.

Sources: Hogs and Pigs (December 2013); Crop Production 2013 Summary, Sheep and Goats, Cattle (January 2014); Chickens and Eggs 2013 Summary (February 2014); Honey (March 2014); Poultry Production and Value 2013 Summary, Milk Production, Disposition and Income 2013 Summary (April 2014); Farms and Land in Farms (May 2014); 2012 Census of Agriculture, USDA, National Agricultural Statistics Service

Crops: Tennessee Summary, 2012-2013

2012 Crop	Unit	Area		Yield Per Acre	Production	
		Planted	Harvested		Total	Value
		1,000 Acres			1,000	\$1,000
Corn for Grain	bu.	1,040	960	85.0	81,600	594,048
Corn for Silage	tons	---	45	12.0	540	---
Cotton, Lint	lbs.1	380	377.0	946	743	263,200
Cottonseed	tons	---	---	---	239	61,184
Hay, All	tons	---	1,765	2.01	3,551	342,700
Alfalfa	tons	---	15	3.40	51	10,200
All Other	tons	---	1,750	2.00	3,500	332,500
Soybeans	bu.	1,260	1,230	38.0	46,740	682,404
Tobacco, All	lbs.	---	23,900	2,218	53,000	119,745
Dark Fired-Cured	lbs.	---	6,900	3,100	21,390	56,256
Burley	lbs.	---	16,000	1,810	28,960	57,341
Dark Air-Cured	lbs.	---	1,000	2,650	2,650	6,148
Winter Wheat	bu.	420	340	63.0	21,420	148,869
Apples ²	lbs.	---	---	9,140	6,400	2,880
Squash, Total	cwt.	0.8	0.7	54	38	1,520
Snap Beans, Fresh	cwt.	8.7	7.7	26	200	7,400
Tomatoes, Fresh	cwt.	4.1	3.8	250	950	32,300

2013 Crop	Unit	Area		Yield Per Acre	Production	
		Planted	Harvested		Total	Value
		1,000 Acres			1,000	\$1,000
Corn for Grain	bu.	890	820	156.0	127,920	601,224
Corn for Silage	tons	---	50	19.0	950	---
Cotton, Lint	lbs.1	250	233.0	871	423	159,996
Cottonseed	tons	---	---	---	141	38,814
Hay, All	tons	---	1,915	2.31	4,427	440,230
Alfalfa	tons	---	15	3.80	57	11,970
All Other	tons	---	1,900	2.30	4,370	428,260
Soybeans	bu.	1,560	1,520	46.0	69,920	894,976
Tobacco, All	lbs.	---	21,400	2,083	44,570	106,446
Dark Fire-Cured	lbs.	---	6,900	3,150	21,735	58,467
Burley	lbs.	---	13,500	1,510	20,385	42,197
Dark Air-Cured	lbs.	---	1,000	2,450	2,450	5,782
Winter Wheat	bu.	610	540	71.0	38,340	268,380
Apples ²	lbs.	---	---	10,600	6,900	2,796
Squash, Total	cwt.	0.7	0.6	53	32	1,216
Snap Beans, Fresh	cwt.	5.0	4.5	54	243	12,150
Tomatoes, Fresh	cwt.	3.7	3.4	330	1122	40,392

¹ Cotton production is in 480 pound net weight bales. ² Total production.

Livestock, Dairy & Poultry

Livestock by Class, Tennessee, January 1, 2011-2013

Classes	2011	2012	2013
		1,000 Head	
All Cows that have Calved	1,040	1,000	960
Beef Cows	990	950	912
Milk Cows	50	50	48
Heifers 500 Pounds and Over	265	280	240
For Beef Cow Replacement	150	150	145
For Milk Cow Replacement	35	30	25
Other Heifers	80	100	70
Steers 500 Pounds and Over	130	160	125
Bulls 500 Pounds and Over	75	70	65
Calves under 500 Pounds	480	460	440
All Cattle and Calves	1,990	1,970	1,830
All Hogs and Pigs ¹	170	150	170
All Sheep and Lambs	35	40	33
Meat Goats	100	108	114
Milk Goats	5.8	7.0	8.6
Total Layers ¹	1,600	1,364	1,428
Total Pullets ¹	1,038	1,055	1,079
Other Chickens ^{1,2}	192	165	152
All Chickens ^{1,2}	2,830	2,584	2,659

¹ December 1 previous year. ² Does not include commercial broilers.

Federally Inspected Plants and Head Slaughtered, Tennessee, 2009-2013

Year	Cattle		Hogs		Sheep		Goats	
	Plants	Head	Plants	Head	Plants	Head	Plants	Head
		1,000		1,000		1,000		1,000
2009	13	31.5	17	693.6	11	14.3	9	26.8
2010	14	40.5	18	697.2	11	13.7	11	17.6
2011	13	48.3	16	680.7	10	8.4	8	14.2
2012	13	41.5	16	708.4	10	9.8	11	18.2
2013	13	40.9	16	729.5	11	13.6	10	14.1

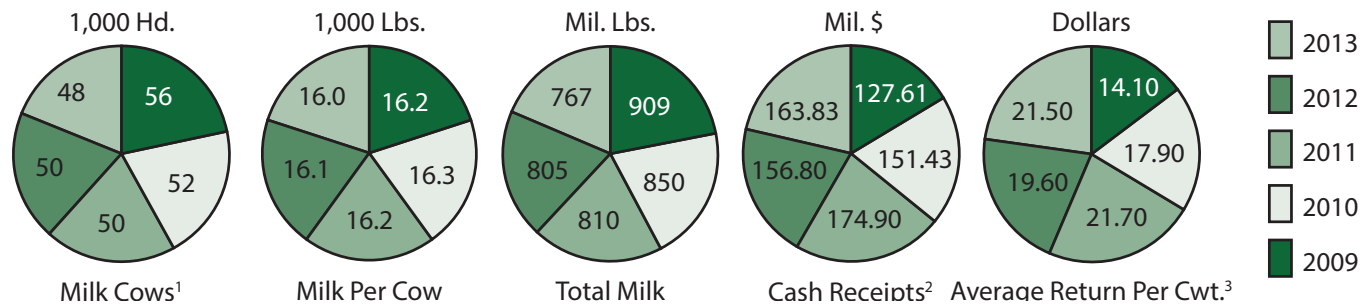
Inventory, Production, Disposition and Income, Tennessee, 2012-2013

Classes	Unit	2012	2013
Cattle and Calves:			
Inventory Jan. 1	Mil. Head	1.97	1.83
Calf Crop	Mil. Head	0.88	0.83
Marketings ¹	Mil. Head	0.99	0.86
Production ²	Mil. Pounds	548.2	520.7
Marketings ³	Mil. Pounds	688.3	586.9
Cash Receipts ⁴	Mil. Dollars	747.3	630.5
Price per 100 lbs.			
Cows	Dollars	81.70	82.30
Calves	Dollars	172.00	181.00
Hogs and Pigs:			
Inventory Dec. 1 (prev. yr.)	1,000 Head	170	150
Pig Crop	1,000 Head	315	351
Marketings ¹	1,000 Head	362	368
Production ²	Mil. Pounds	85.5	90.8
Marketings ³	Mil. Pounds	89.0	90.6
Cash Receipts ⁴	Mil. Dollars	57.2	60.3
Price per 100 lbs.			
All Hogs	Dollars	64.20	67.20
Sheep and Lambs:			
Inventory Jan. 1	1,000 Head	33.0	36.0
Lamb Crop	1,000 Head	24.0	28.0
Marketings ¹	1,000 Head	5	5
Production ²	Mil. Pounds	5	5
Marketings ³	Mil. Pounds	5	5
Cash Receipts ⁴	Mil. Dollars	5	5
Price per 100 lbs.			
Sheep	Dollars	5	5
Lambs	Dollars	5	5

¹ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. ² Adjustments made for changes in inventory and for inshipments. ³ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. ⁴ Receipts from marketings and sale of farm slaughter. ⁵ 2011 estimates discontinued.

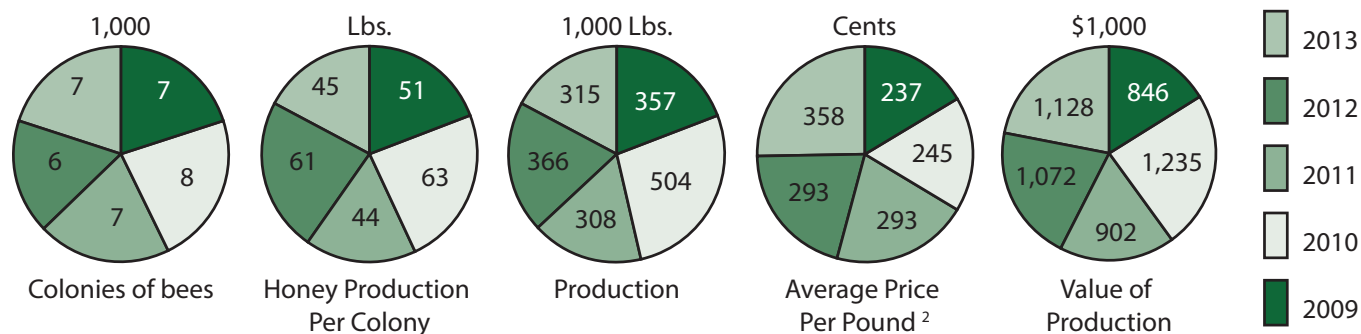
Milk & Honey

Milk Cows, Milk Production, and Income, Tennessee, 2009-2013



¹ Average number on farms during year, excluding heifers not yet fresh. ² Cash receipts from marketings of milk and cream, plus value of milk used for home consumption and farm churned butter. ³ Cash receipts divided by milk or milkfat in combined marketings.

Honey: Colonies, Yield, Production, Price, and Value, Tennessee, 2009-2013¹



¹ Producers with five or more colonies. Colonies which produced honey in more than one State were counted in each State.

² Average price per pound based on expanded sales.

FIND LOCAL FOR EVERY SEASON!



Use the Pick Tn Mobile App
and www.PickTnProducts.org



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