



TN

Department of  
**Agriculture**

*Seeds of Innovation*

**Tennessee Agriculture 2015**

Department Report & Statistical Summary

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## Governor Bill Haslam

From our rural communities to our largest cities, Tennesseans are revolutionizing practices and programs to create a better state for us all. I am excited to see the achievements of the Tennessee Department of Agriculture, its staff and supporters in advancing and growing these "Seeds of Innovation."



Progress does not always come easy. Our rural areas in particular have challenges that are different from challenges our urban areas face. The newly-created Rural Development Task Force brings together the state departments of Agriculture, Economic and Community Development, Education, Environment and Conservation, Financial Institutions, Health, Labor and Workforce Development and Tourist Development to work with other public and private partners to find solutions to some of these issues. Expect to see continuing advancement and new enterprises launched in the coming year.

The production of our food, fuel and fiber goes beyond planting a crop and then watching it grow. Modern-day agriculture is high-tech and our nation is only producing about half of the graduates needed to fill job openings in that sector. We see that the need for an educated and skilled workforce is great, and efforts like our Drive to 55, which includes the Tennessee Promise and Tennessee Reconnect programs, are increasing access to advanced education. With greater educational opportunities close to home, more families will have the opportunity to maintain their connections to the farm while pursuing their goals for the future.

This is what we do. We see a challenge and we work for a solution. Thank you for what you do to support agriculture in Tennessee.

Sincerely,

A handwritten signature in black ink that reads "Bill Haslam".

Bill Haslam

## Commissioner Jai Templeton

Farmers are often early adopters of technology. No matter if they are working the soil, raising livestock, or managing timber, they have the ideal vantage point from which to streamline a process. Efficiency on the front end can lead to greater productivity and output. That spirit of improvement led us to "Seeds of Innovation," the theme for the 2015 Tennessee Department of Agriculture annual report.



I invite you to read about how Tennesseans are changing the way we safeguard our resources and promote agriculture. We are proud of the department's staff and their tireless efforts to prepare for the ever-changing challenges facing today's agriculture. These employees care about the citizens of Tennessee and their hard work is evidence of that commitment.

This report reflecting the highlights of 2015 is also a testament to the impact of our recently retired Commissioner of Agriculture, Julius Johnson. Our entire state benefits from Commissioner Johnson's dedication to the issues that affect agriculture and rural Tennessee. We greatly value his legacy, and we look forward to strengthening the commitment to provide effective and fiscally responsible customer-focused service to all citizens.

I'd like to also offer special thanks to USDA-NASS for partnering with us to provide the latest farm production numbers for Tennessee.

With new projects on the horizon and plans in the works, we are always looking forward to the next great idea. As we have seen time and time again, that idea just may come from the field or the forest.

Sincerely,

A handwritten signature in black ink that reads "Jai Templeton".

Jai Templeton

# Administration & Grants

## Innovation in Conservation *An Investment that Benefits All*

Managing farmland is no small task. Livestock development and crop growth have an impact on the earth and care must be taken to maintain health and production. Farmers know this all too well and the state Agricultural Resources Conservation Fund offers financial resources to help make a difference. Administered by the Tennessee Department of Agriculture Administration and Grants division, the fund assists landowners in installation of conservation practices to improve water quality. One Middle Tennessee farmer's innovations in land and water care are protecting resources and setting a positive example for generations to come.

Tom Looney and his family operate a beef cattle operation on more than 600 acres in Cumberland County. In 2015, Looney was named Conservation Farmer of the Year by the Tennessee Association of Conservation Districts and Farm Credit Services of Mid-America.

With about 150 head in the herd at any one time, thoughtful land and water maintenance is critical. Looney employs rotational grazing to lessen effects on the grass and soil, as well as alternative watering locations, riparian exclusion fencing and designated stream crossings to minimize disturbance of waterways running through the farm. Cost-share funding from the Tennessee Department of Agriculture has assisted Looney in installation of cross-fencing to allow for pasture rotation, the purchase of farming equipment to increase efficiency of the operation and investment in genetic adjustments to improve the cattle on the farm.

"At first I was a little bit dubious about what they said I could accomplish," Looney said. "But once I got the advice and financial help I needed, I got to work. The difference was night and day when done. It was a win-win for me and the environment."

In 2015, state and federal dollars funded 1,923 conservation projects to control erosion and improve water quality across Tennessee. The most common request is for cost-sharing to help defray



the expense of cover-crop seeds. Other popular projects include streambank stabilization, water and sediment control basins and establishment of heavy-use areas where livestock can congregate on a gravel or concrete pad for the purpose of feeding or watering. This provides a better means by which to manage manure and prevent the ground damage that can occur in areas with a significant amount of livestock traffic.

Water is our most precious natural asset and state landowners have a tremendous influence over its quality. When landowners have the means to make responsible improvements, they are empowered to become better stewards. Mindful stewardship of our natural resources ensures the best use of our land and water today and preservation for future generations. It's an investment that benefits everyone.

- Commodities - 32.8 million lbs. of food distributed
- Agricultural Crime Unit - 400 rural crimes investigated
- Ag Museum - 25,000 visitors

# Market Development

## Innovation in Outreach

### *Pick Tennessee Puts the Farm in Your Pocket*

When it comes to locating farm-fresh goods and produce, technological innovation puts the information right in your pocket. The Tennessee Department of Agriculture Market Development division continues to gain momentum and reach by expanding the Pick Tennessee Products (PTP) program. Market Development focused on social media for 2015, helping customers instantly locate the farms, farmers markets and farm products near them.

Pick Tennessee Products is a crucial bridge to the development of positive relationships between the farming and non-farming public. With the power to introduce farmers to their customers, all come to appreciate, understand and support one another. Producers who work directly with customers at farmers markets, community-supported agriculture (CSA) programs and agritourism venues all serve as ambassadors for the entire industry. When Tennesseans participate in a Pick Tennessee Facebook contest or use the mobile app to find apple orchards or pumpkin patches just around the bend, the benefit to neighborhoods is clear.

A digital media promotion that started in 2014 continued its impact well into the new year. A USDA specialty crop block grant and proceeds from the Ag Tag funded the promotion dedicated to Tennessee Christmas tree farms. At least 300,000 Tennesseans were exposed to print, digital, social and broadcast media promoting the state's Christmas tree industry. Visits to [www.picktnproducts.org](http://www.picktnproducts.org) increased 82



percent during the promotion and visits to the tree farm pages increased by 230 percent compared to 2013. Total ad impressions hit close to 2 million.

More importantly, the promotion made a significant difference for Tennessee Christmas tree farmers. In early 2015, survey responses from members of the Tennessee Christmas Tree Association showed a 25 percent increase in sales and a 77 percent increase in foot traffic as compared to the previous season.

The next ground-breaking promotion for Pick Tennessee was a statewide Facebook contest for \$200 in farm direct meats for 12 lucky winners. With a combination of Ag Tag funds and support from Tennessee's meat producer organizations, the "Fill Your Grill" contest garnered more than 4,500 entries representing 700 different towns and every one of



Tennessee's 95 counties. Contest ads were further supported by cooking tip videos, all created in-house by Market Development and posted directly to the Pick Tennessee Facebook page.

PTP website visits shot up to 47,879 during the month of the Fill Your Grill contest. That was an increase of 29 percent compared to the same period in 2014. Page views rose 12 percent with 130,635 visits. The ad reach for Fill Your Grill totaled more than half a million. After the contest ended, Pick Tennessee Products extended the promotion by posting photos of happy winners on the farms where they picked up their meats, and at their backyard grilling gatherings. Survey results that were part of completed entries showed that most entrants did not know that it was possible to buy meats directly from a producer or that there were meat producers near them until they saw contest ads. Entrants gave Pick Tennessee permission to share contact information with their selected farmers so introductions could be made even for those who did not win a gift certificate.

Such wins for farmers and consumers will continue to be the goal of future campaigns and part of Pick Tennessee's mission to improve the health, economies and lives of citizens through the promotion and continuation of Tennessee agriculture.

- Agribusiness Investment - \$70+ million
- Pick Tennessee Products - 2,388 producers with 10,000 products
- Ag Tag License Plates - \$55,000 each to 4-H, FFA & Ag in the Classroom

# Tennessee Agricultural Enhancement Program

## Innovation in Economic Growth *Sharing the Cost to Advance Operations*

"I'm a grass farmer," Nick Philson says as he drives his pickup truck across the expanse of green on his White County farm. However, when you look across the gently rolling landscape you quickly realize that Philson—and so many other young farmers like him—is doing so much more. Improvements and innovations in his operation have come, in part, with support of the Tennessee Agricultural Enhancement Program.

Philson is a full-time businessman and a full-time farmer. He owns and runs the family restaurant in Cookeville which has been in operation for 45 years. But he starts every day checking on his beef cattle and maintaining and managing about 600 acres in several tracts between Cookeville and Sparta.



Philson credits TAEP with helping him expand and advance, with the cost-sharing program assisting in the purchase of high-quality handling equipment. Hay barns built with the aid of TAEP allow Philson to store enough to feed his herd through the difficult seasons. "These are 40-year barns," Philson says. "A young farmer will get a lot of use out of a 40-year barn."

In 2005, the Tennessee Agricultural Enhancement Program launched to provide Tennessee's farmers cost-share assistance in targeted industry areas. The program enables producers to invest for the long term—not only for themselves, but for the good of Tennessee's rural economies. The Tennessee General Assembly allocated the original \$5 million to fund TAEP. More than \$110 million in cost shares and ten years later, TAEP remains true to its mission by continuing

to serve the state's agricultural community and adjusting program areas, projects and opportunities for the state's livestock and farming operations. TAEP staff work closely with farmer applicants. They listen and respond to the needs of producers as farms, markets, industries and technologies change. That practice ensures the program's level of service grows even greater every year. Past analyses indicates that every TAEP dollar invested in Tennessee farm projects generates nearly \$4 for rural economies.

In 2015, TAEP received a record number of 6,000 applications. In response, the program reduced cost-share assistance project maximums so all approved applicants could receive reimbursements consistent with actual reimbursement amounts requested by producers in previous years. Although reduced, the new threshold provided a significant incentive for producers to complete their projects. Program reimbursement deadlines were also extended to adapt to the effect of bad weather on construction projects, and to better accommodate producers whose livelihoods revolve around the seasonal demands of farm life.

A decade ago, TAEP committed to supporting Tennessee farmers in their livestock and farming operations. For decades to come, TAEP-targeted investments in farmers, industry services and associations will continue to maximize farm profits, adapt to changing market situations, improve farm safety and efficiency and make a positive economic impact in communities.

Philson says that without question, TAEP has helped him manage the growth of his operation. And as he surveys his herd, it's easy to see the enjoyment and satisfaction he derives from farming. "The cattle help me manage the grass."

- Applications - 6,000 received
- Funding Requested - \$44 million
- Eligible Purchase Added - bred heifers

# Forestry

## Innovation in Adaptation *From Fire to Ice, Teams Respond*

Just when Tennessee's spring 2015 fire season was beginning to take hold, winter stepped in and held its ground. In mid-February, a good portion of the state received a late season snow and ice storm. When the State Emergency Operations Center activated, the Department of Agriculture's Division of Forestry (TDF) took part. Staff who had been seeing an increase in wildfire activity quickly changed course and adapted, exchanging their fire-resistant clothing and rakes for safety chaps and chainsaws to clean up downed trees and debris.

Damage reports were widespread and crews worked in several counties where roads were impassable. Assistant District Forester James Dale serves in the division's Cumberland District, which experienced some of the worst effects of the storm. "We saw citizens and even some TDF employees trapped in their homes," Dale said. "In a few cases, roofs caved in. Others were without electricity, water, sufficient food supplies or access to main roads."

About 80 TDF personnel worked for days to clear debris across Cumberland, Fentress, Loudon, McMinn, Monroe, Morgan, Overton, Putnam, Roane, Scott and White Counties. They were supported by other organizations including the Tennessee Department of Transportation and Voluntary Organizations Active in Disaster.

"Hundreds of miles of roads in these counties were covered with downed power lines—many still charged—broken power and telephone poles, ice, snow and timber," Dale said.

TDF staff complete extensive training in the use of power saws and gain experience using heavy equipment to fight wildfires and to manage state forests. However, the nature of this work is still dangerous. There were two severe injuries reported by TDF personnel during this incident.

Assistant District Forester Nathan Waters serves in the East Tennessee District and explained the challenge. "Removing hazardous trees is a dangerous job," Waters



said. "These removals require skill and practice to recognize potential threats. But adding icy roads and cutting surfaces to the mix dramatically increases risk."

To help prevent injury, TDF crews meet before each assignment where they review all safety procedures and discuss each worker's specific task. A site supervisor monitors all activity and ensures safe operations.

Despite the slow and dangerous nature of the work, teams were able to complete the emergency debris clearing. In addition to clean-up efforts, they also delivered food and water to areas of need.

"These employees are normally battling wildfires in Tennessee and other states. Their spirit in this emergency was superb, and their ability to get the job done was unparalleled, benefiting public and private agencies and the citizens of our state," Dale added.

- Landowner Assistance – 12,000 served
- Burn Permits – 400,000 issued
- State Forest Management – 168,000 acres

# Consumer & Industry Services

## Innovation in Preparation *Readiness Reaches Beyond the Barnyard*

The Tennessee Department of Agriculture is tasked with preventing and controlling plant and animal diseases. When a deadly illness threatened an industry critical to our economy, our rural communities and farming families, TDA did not wait to take action. As the highly pathogenic avian influenza (HPAI) outbreak of 2015 became the most costly national animal health disaster on record, the Consumer and Industry Services (CIS) division led the efforts to prepare our state to respond.

Tennessee was fortunate in that HPAI was not detected in the state. Although the illness does not affect food safety, it is fatal to domesticated fowl. Furthermore, its highly-contagious nature created the potential for the outbreak to cross state lines. The danger of the possible spread of HPAI required constant awareness of the changing situation and development of a response plan. State Veterinarian Dr. Charlie Hatcher and his staff were instrumental in the creation of an avian influenza task force.

“The livestock industry is vital to Tennessee, and a widespread health threat must be taken seriously,” Dr. Hatcher said.

The task force is comprised of the Tennessee Emergency Management Agency, representatives of other state and federal agencies, the poultry industry, producers and educators. The committee met regularly for updates on the national emergency and to recommend protective actions. Key components of the earliest plans included identifying and securing resources for detection of illness, quarantine, testing of birds, disposal and disinfection, and monitoring surrounding premises.

“In this planning process we received an unprecedented level of support from Governor Haslam, Agriculture Commissioner Julius Johnson and numerous state and federal agencies, universities, and the poultry industry. Emergency preparedness is everyone’s responsibility,” Hatcher added.

Although Tennessee avoided the outbreak, other states needed help. An animal health team from

CIS traveled to the Midwest in June to assist with Minnesota’s response and recovery efforts. In addition to providing aid where it was most required, the staff gained experience and learned valuable lessons for development of Tennessee’s own strategy.

A state veterinarian’s order took effect August 1 mandating new AI testing documentation requirements for fowl transported to Tennessee. A table-top exercise in September filled a room with representatives from public and private agencies and businesses to talk through different outbreak scenarios and identify weaknesses. In November, 102 TDA staff from across all divisions volunteered to be cross-trained to handle any necessary tasks and responsibilities associated with a large-scale response. Three additional staff members initiated outreach to county leaders on the local level.

Each year, TDA’s Kord Animal Health lab tests approximately 22,000 samples from poultry for avian flu. This includes routine disease testing for commercial and backyard flocks and for the National Poultry Improvement Plan program. Surveillance increased in 2015, with 27,146 samples tested and lab staff trained to handle the increase.

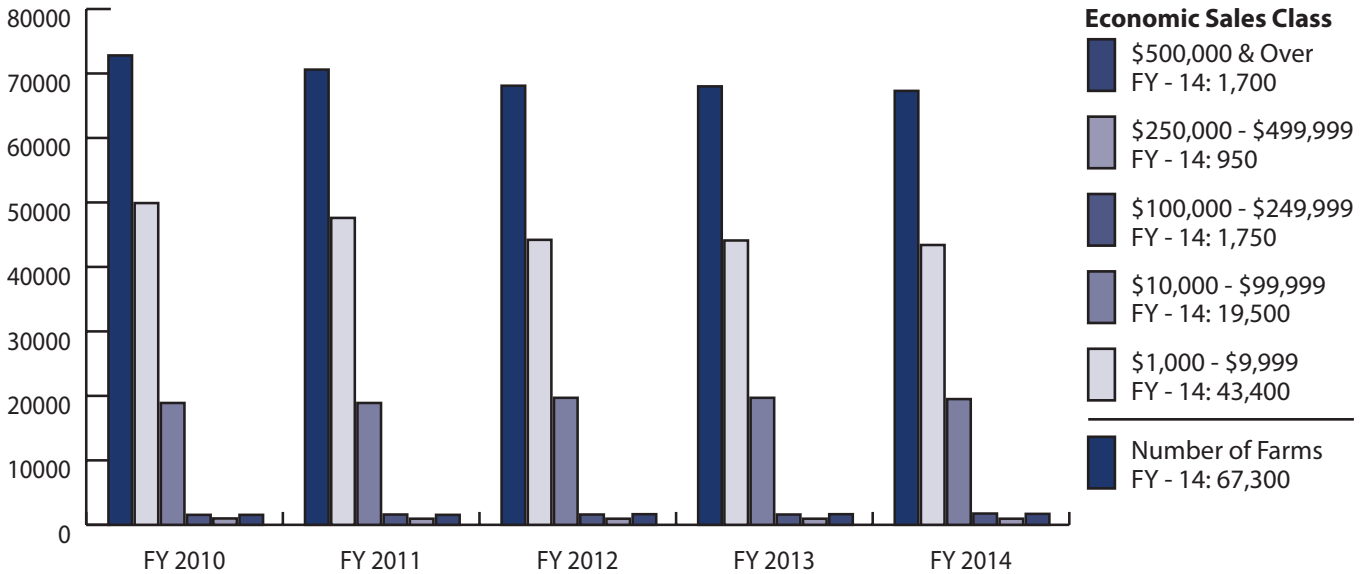
The partnerships created during the HPAI threat strengthened the state’s ability to detect disease early, contain it and stop the spread. This readiness extends well beyond the barnyard. These new processes and teams can be called upon for action in other health or safety emergencies. The innovative response created by CIS is wide-reaching and emphasizes the Department of Agriculture’s focus on animal health and protection of the agriculture sector in Tennessee.

- Food & Dairy - 9,350 food stores & 322 dairy farms inspected
- Plant Certification - 540 nurseries & 2,692 plant dealers inspected
- Fuel Quality - 7,500 samples tested
- Weights & Measures - 16,000 scales tested
- Laboratory - 235,000 animal samples tested

# State Summary

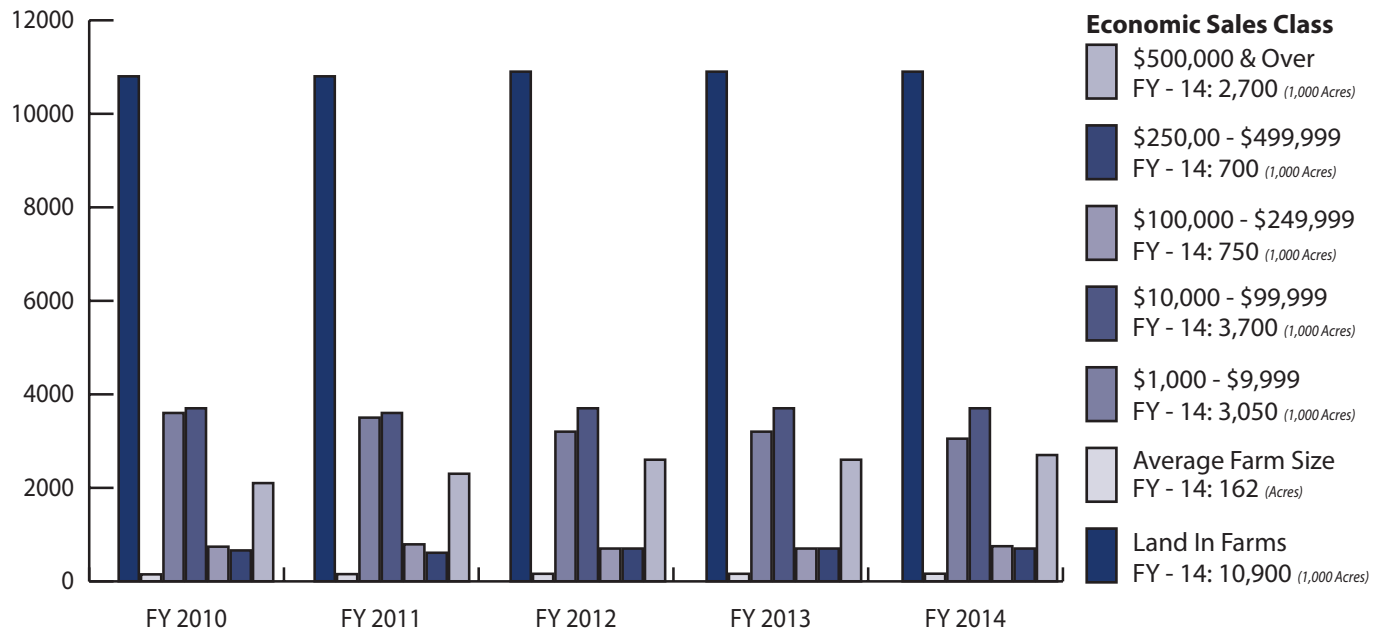
## Farms, Land In Farms, & Value

Number of Farms: Economic Sales Class, Tennessee, 2009-2014<sup>1</sup>



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

Land in Farms: Economic Sales Class, Tennessee, 2009-2014<sup>1</sup>

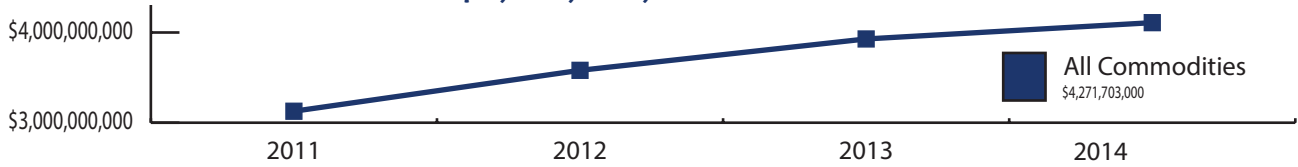


<sup>1</sup> A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

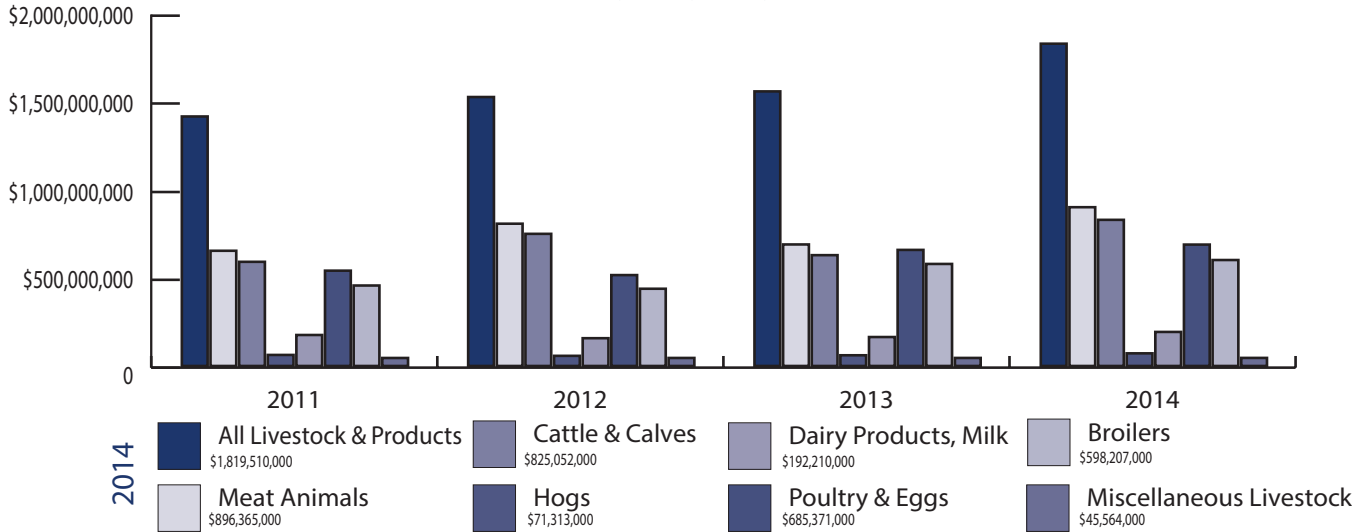


# Cash Receipts

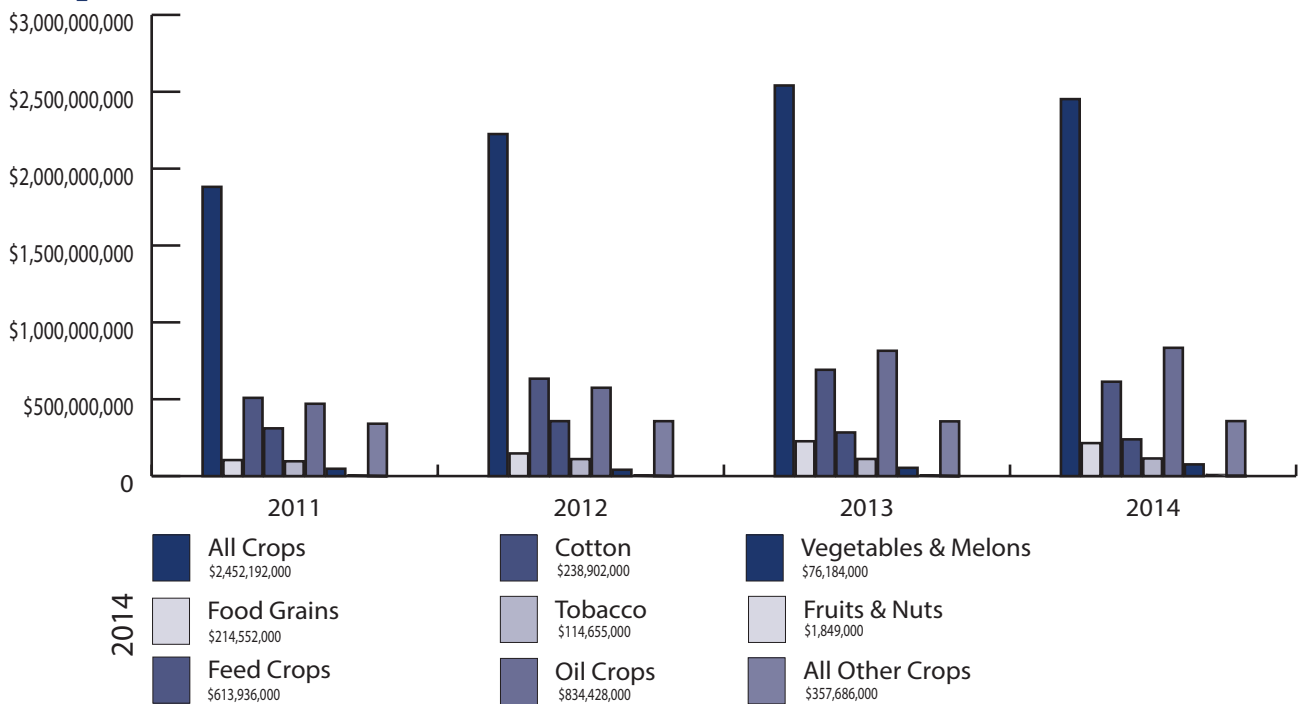
## All Commodities 2014 - \$4,271,703,000



## Livestock and Products 2014 - \$1,819,510,000



## Crops 2014 - \$2,452,192,000



# Tennessee's Rank in US Agriculture 2014

Item	Unit	Tennessee		Leading State		United States
		Rank	Production 1,000	State	Production 1,000	
<b>General</b>						
Farm Numbers	number	11	67.3	Texas	245.5	2085
Land in Farms	acres	26	10,900	Texas	130,000	913,000
Average Size of Farm	acres	43	162	Wyoming	2598	438
<b>Crops</b>						
Tobacco, Dark Fire-Cured	lbs.	2	22,040	Kentucky	36,380	59,146
Tobacco, Burley	lbs.	2	27,125	Kentucky	163,400	213,160
Tobacco, Dark Air-Cured	lbs.	2	2,990	Kentucky	14,500	17,490
Tobacco, All	lbs.	4	52,155	N. Carolina	453,860	876,415
Tomatoes, Fresh	cwt.	3	1,326	California	10,175	27,280
Hay, Other	tons	5	3,850	Texas	11,130	78,472
Snap Beans, Fresh	cwt.	5	308	Florida	1,330	3,720
All Cotton	bales	11	494	Texas	6,203	16,319
Cottonseed	tons	10	156	Texas	1,959	5,125
Soybeans	bu.	17	74,060	Illinois	547,120	3,927,090
Corn, Grain	bu.	17	141,120	Iowa	2,367,400	14,215,532
Winter Wheat	bu.	17	31,350	Kansas	246,400	1,377,216
Apples	lbs.	27	4,700	Washington	7,300,000	11,431,200
Hay, Alfalfa	tons	34	43	California	5,693	61,451
Corn, Silage	tons	26	1,260	Wisconsin	15,725	128,048
<b>Livestock</b>						
Meat Goats	head	2	118	Texas	800	2,125
Equine	head	13	97	Texas	396	3,621
Beef Cows	head	12	873	Texas	4,130	29,302
Broilers	head	15	180,600	Georgia	1,324,200	8,544,100
All Cattle & Calves	head	15	1,720	Texas	11,700	89,143
Milk Goats	head	18	6	Wisconsin	44	365
All Hogs	head	22	210	Iowa	21,300	67,776
Milk Cows	head	29	47	California	1,780	9,307
Milk	lbs.	30	745	California	42,339	206,054
Sheep & Lambs	head	30	44	Texas	720	5,280
Honey	lbs.	31	441	N. Dakota	42,140	178,270
All Chickens	head	33	2,703	Iowa	73,996	479,050

Source: USDA, National Agricultural Statistics Service actual units.

# Crops: Tennessee Summary, 2013-2014

2014 Crop	Unit	Area		Yield	Production	
		Planted	Harvested	Per Acre	Total	Value
		1,000 Acres			1,000	\$1,000
Corn for Grain	bu.	920	840	168.0	141,120	537,667
Corn for Silage	tons	---	60	21.0	1,260	---
Cotton, Lint	lbs. <sup>1</sup>	275	270	878	494	148,437
Cottonseed	tons	---	---	---	156	32,604
Hay, All	tons	---	1,766	2.20	3,893	386,545
Alfalfa	tons	---	16	2.70	43	9,245
All Other	tons	---	1,750	2.20	3,850	377,300
Soybeans	bu.	1,640	1,610	46.0	74,060	785,036
Tobacco, All	lbs.	---	24,250	2,151	52,155	121,244
Dark Fire-Cured	lbs.	---	7,600	2,900	22,040	59,728
Burley	lbs.	---	15,500	1,750	27,125	54,250
Dark Air-Cured	lbs.	---	1,150	2,600	2,990	7,266
Winter Wheat	bu.	530	475	66.0	31,350	176,501
Apples <sup>2</sup>	lbs.	---	---	7,230	4,700	1,849
Squash, Total	cwt.	0.9	0.8	52	43	1,302
Snap Beans, Fresh	cwt.	5.8	5.4	57	308	17,864
Tomatoes, Fresh	cwt.	4.1	3.9	340	1,326	57,018
2013 Crop	Unit	Area		Yield	Production	
		Planted	Harvested	Per Acre	Total	Value
		1,000 Acres			1,000	\$1,000
Corn for Grain	bu.	890	810	156.0	126,360	615,373
Corn for Silage	tons	---	60	19.0	1,140	---
Cotton, Lint	lbs. <sup>1</sup>	250	233.0	853	414	158,777
Cottonseed	tons	---	---	---	139	35,445
Hay, All	tons	---	1,915	2.31	4,427	422,807
Alfalfa	tons	---	15	3.80	57	12,027
All Other	tons	---	1,900	2.30	4,370	410,780
Soybeans	bu.	1,580	1,550	46.5	72,075	936,975
Tobacco, All	lbs.	---	21,400	2,083	44,570	105,386
Dark Fire-Cured	lbs.	---	6,900	3,150	21,735	57,815
Burley	lbs.	---	13,500	1,510	20,385	41,789
Dark Air-Cured	lbs.	---	1,000	2,450	2,450	5,782
Winter Wheat	bu.	640	575	71.0	40,825	285,775
Apples <sup>2</sup>	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	1,122	40,392

<sup>1</sup> Cotton production is in 480 pound net weight bales. <sup>2</sup> Total production.

# Livestock, Dairy & Poultry

Classes	Unit	2013	2014
<b>Cattle and Calves:</b>			
Inventory Jan. 1	Mil. Head	1.83	1.76
Calf Crop	Mil. Head	0.83	.84
Inshipments	1,000 Head	38	30
Marketings <sup>1</sup>	Mil. Head	0.86	0.82
Production <sup>2</sup>	Mil. Pounds	521.5	525.8
Marketings <sup>3</sup>	Mil. Pounds	586.1	552.6
Cash Receipts <sup>4</sup>	Mil. Dollars	625.6	825.1

Price per 100 lbs.

Cows	Dollars	82.30	107.00
Calves	Dollars	181.00	261.00

**Hogs and Pigs:**

Inventory Dec. 1 (prev. yr.)	1,000 Head	150	170
Pig Crop	1,000 Head	341	336
Inshipments	1,000 Head	81	111
Marketings <sup>1</sup>	1,000 Head	369	383
Production <sup>2</sup>	Mil. Pounds	90.5	94.3
Marketings <sup>3</sup>	Mil. Pounds	90.8	94.0
Cash Receipts <sup>4</sup>	Mil. Dollars	60.4	71.3

Price per 100 lbs.

All Hogs	Dollars	67.20	76.50
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**Sheep and Lambs:**

Inventory Jan. 1	1,000 Head	37.0	39.0
Lamb Crop	1,000 Head	30.0	34.0
Inshipments	1,000 Head	5	5
Marketings <sup>1</sup>	1,000 Head	5	5
Production <sup>2</sup>	Mil. Pounds	5	5
Marketings <sup>3</sup>	Mil. Pounds	5	5
Cash Receipts <sup>4</sup>	Mil. Dollars	5	5

Price per 100 lbs.

Sheep	Dollars	5	5
Lambs	Dollars	5	5

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

# Livestock

## Livestock by Class, Tennessee, January 1, 2012-2014

Classes	2012	2013	2014
	1,000 Head		
All Cows that have Calved	1,000	960	910
Beef Cows	950	912	864
Milk Cows	50	48	46
Heifers 500 Pounds and Over	280	240	245
For Beef Cow Replacement	150	145	130
For Milk Cow Replacement	30	25	30
Other Heifers	100	70	85
Steers 500 Pounds and Over	160	125	135
Bulls 500 Pounds and Over	70	65	60
Calves under 500 Pounds	460	440	410
All Cattle and Calves	1,970	1,830	1,760
All Hogs and Pigs <sup>1</sup>	150	170	210
All Sheep and Lambs	40	37	39
Meat Goats	108	105	110
Milk Goats	7.0	6.0	7.2
Total Layers <sup>1</sup>	1,376	1,491	1,495
Total Pullets <sup>1</sup>	1,072	1,050	1,076
Other Chickens <sup>1,2</sup>	152	165	132
All Chickens <sup>1,2</sup>	2,600	2,706	2,703

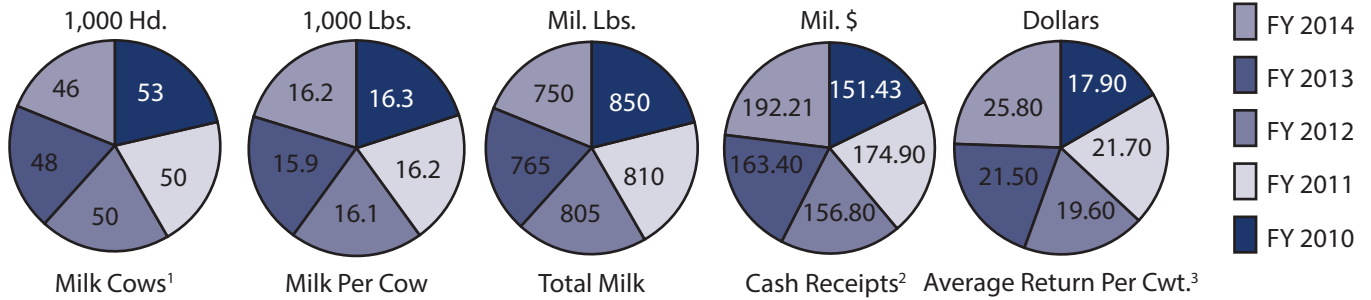
<sup>1</sup> December 1 previous year. <sup>2</sup> Does not include commercial broilers.

## Federally Inspected Plants and Head Slaughtered, Tennessee, 2010-2014

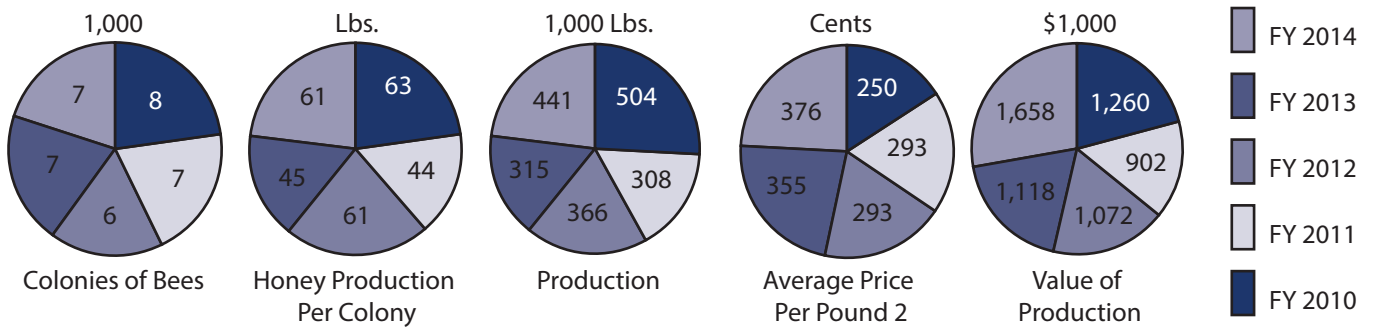
Year	Cattle		Hogs		Sheep		Goats	
	Plants	Head 1,000	Plants	Head 1,000	Plants	Head 1,000	Plants	Head 1,000
2010	14	40.5	18	697.2	11	13.7	11	17.6
2011	13	48.3	16	680.7	10	8.4	8	14.2
2012	13	41.5	16	708.4	10	9.8	11	18.2
2013	13	40.9	16	729.5	11	13.6	10	14.1
2014	14	49.4	17	712.6	10	13.4	10	12.5

# Milk & Honey

## Milk Cows, Milk Production, and Income, Tennessee, 2010-2014



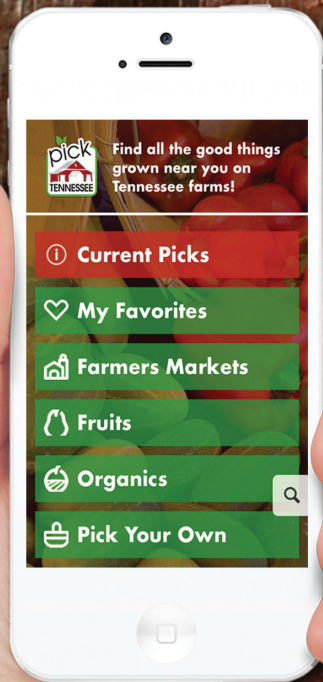
## Honey: Colonies, Yield, Production, Price, and Value, Tennessee, 2010-2014<sup>1</sup>



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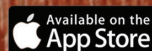
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