The Economic Impacts from the Tennessee Agricultural Enhancement Program (TAEP)

An Analysis Update for FY06-FY25



Report to the Tennessee Department of Agriculture

February 2026

Jamey Menard

Agri-Industry Modeling and Analysis Group (AIM-AG)
Department of Agricultural & Resource Economics
302 Morgan Hall
2621 Morgan Circle, UTIA
The University of Tennessee
Knoxville, TN, 37996-4518.

An Analysis of the Economic Impacts from the Tennessee Agricultural Enhancement Program (TAEP)

Background

The Tennessee Agricultural Enhancement Program (TAEP) was established in 2005 to support agriculture in Tennessee by providing cost share funds to producers for long-term investment on Tennessee farms and rural communities. The purposes of these cost share programs are to help producers maximize farm profits, adapt to changing market situations, improve operation safety, and increase farm efficiency. In addition, TAEP enhances the economic impacts that producers can make in their local communities. The TAEP is funded through an appropriation for farm developments in the state's budget as proposed by Governor Bill Lee and supported by the Tennessee General Assembly and administered by the Tennessee Department of Agriculture (TDA). The cost share portion is also included in the economic impact analysis. *The analysis assumes that the producer would not have used the funds that they provided for purchases of other inputs and/or living expenses within the community they live in*.

Overview of Projected Impacts

- For fiscal years FY06 through FY25[1], state investment (TDA's share) in the TAEP program in nominal dollars totals close to $309.1 million.
- The overall economic impacts (with multiplier effects) from the TAEP on the state's economy (both TDA and producers) in nominal dollars is $2.0 billion from FY06 through FY25.
- For every $1 of TAEP investment, an additional ***$6.62*** is generated in the state's rural economies (multiplier includes the estimated total economic impacts from both TAEP funds + producers' matching funds).
- Based on both TDAs and producers' TAEP expenditures for fiscal years FY06 through FY25, the total local and state taxes including Federal generated are *estimated* at $184.6 million.
    - Local and state taxes comprise $57.6 million of that estimated total, with TDA's share at $14.7 million (25.6%) and producers $42.9 million (74.4%).
        - Sales, property, other (business licenses, documentary, and recordation taxes), corporate profits, and fine and fees taxes have largest values for local and state taxes.
    - Federal taxes comprise $127.0 million of that estimated total, with TDA's share at $32.4 million (25.5%) and producers $94.6 million (74.5%).
        - Income, social insurance, corporate profits, and excise taxes have the largest values for federal taxes.

Tennessee county level TAEP expenditures and projects for FY06 through FY25 are detailed in Figures 1 and 2.

[1]As of 10/9/25

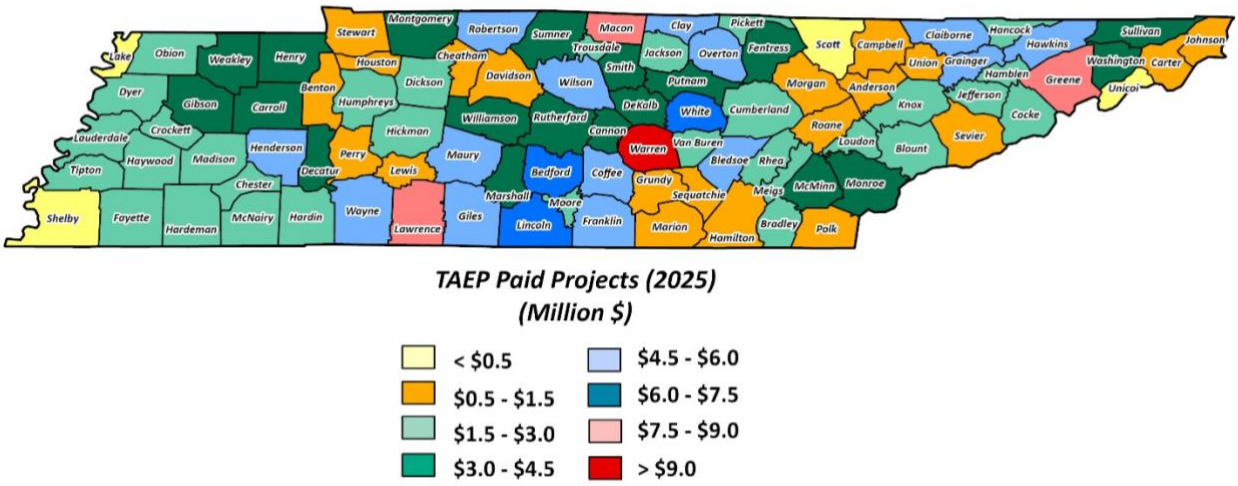

Figure 1. Expenditures of TAEP Paid Projects from FY06-FY25

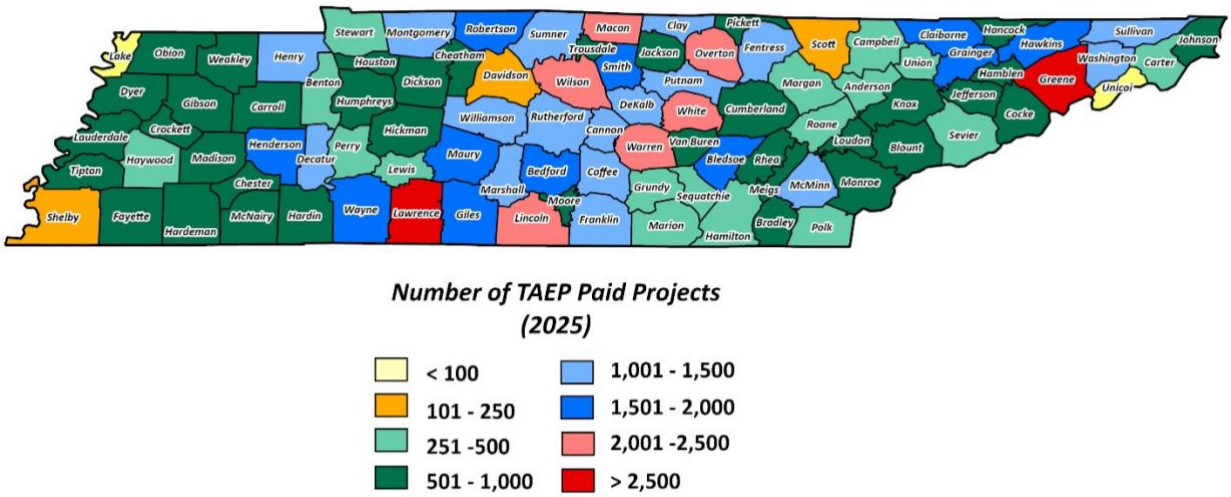

Figure 2. Number of TAEP Paid Projects from FY06-FY25
Source: TAEP Fact Sheet 2025
(https://www.tn.gov/agrriculture/farms/taep/taep-overview.html)

About this Analysis

This analysis provides projections of the economic impacts resulting from the TAEP for fiscal years 2006-2025 (FY06-FY25). Economic impacts from twelve major program focus areas are projected: Dairy Solutions, Genetics, Hay Equipment, Hay Storage, Herd Health, Livestock Equipment, Livestock Solutions, Permanent Working Structures, Poultry Grower, Producer Diversification, Row Crop Solutions, and Swine Producers. The Tennessee Department of Agriculture (TDA) provided budget information to AIM-AG for this analysis. TDA also provided estimates as to the share of producer funding within each grouping.

To project TAEP's economic impact on the States rural communities, TDA and producer expenditures from TAEP program were used along with IMPLAN, an economic input-output model. The change in

economic activity is defined as the value of production by an industry per year added to the state's economy because of the impact analyzed. All dollar values in the document are in nominal dollars.

Based on the expenditure data from FY06 through FY25, Hay Storage had the largest percentage of the total TAEP expenditures at 23.8 percent, followed by Livestock Equipment (22.4 percent) and Row Crop Solutions (18.6 percent) (Figure 3). An overall summary of totals for each TAEP program focus areas is presented (Table 1). Based on the methodology and assumptions used, each TAEP dollar generates ***$6.62*** in local economies.

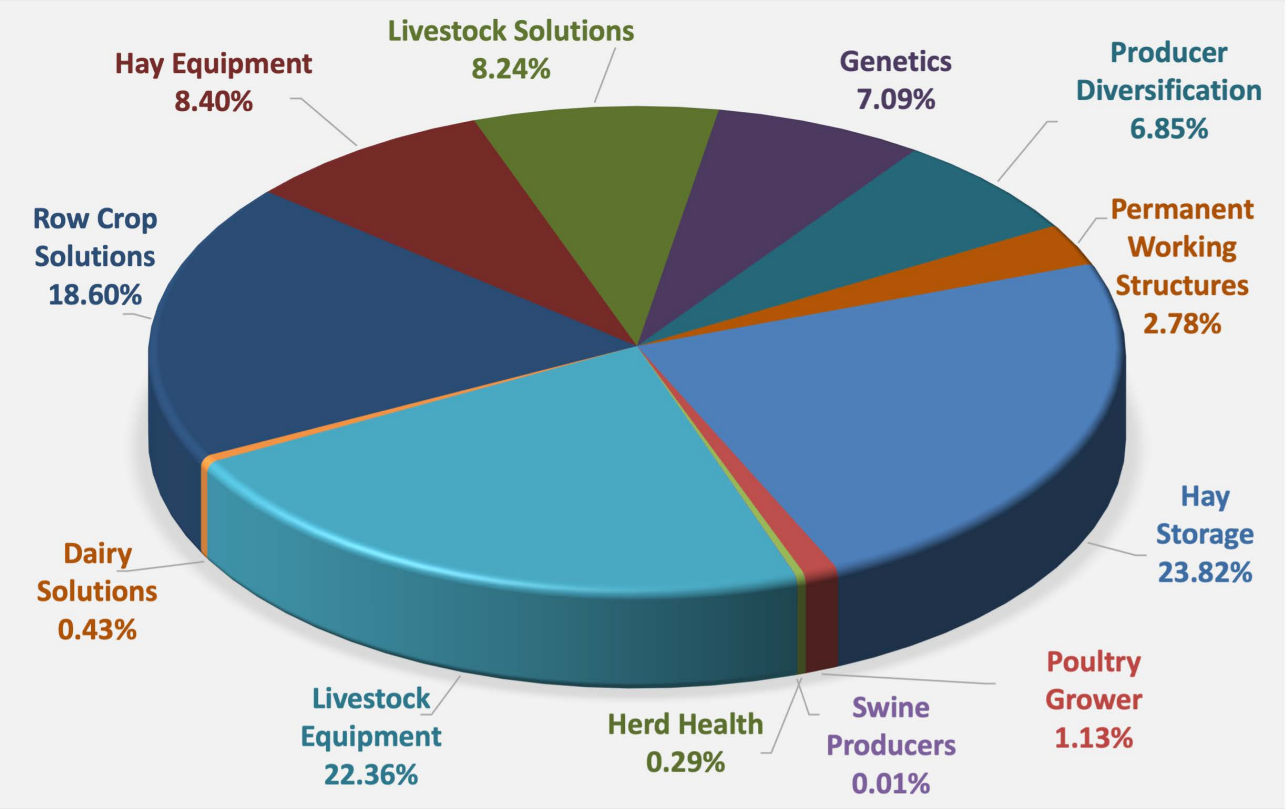

Figure 3. TAEP Expenditures Proportions, FY06-FY25

For each program focus area (see Appendix A), a table indicating past and current TDA and participating producers' expenditures is also presented, along with the proportioned cost-shared for that fiscal year. In addition, tables showing the economic impacts of these expenditures and the top industries impacted based on economic activity are then provided. In addition, the *estimated* local and state plus federal taxes generated based on TAEP expenditures from the different program areas for fiscal years 2006 through 2025 are presented in Appendix B. The estimated taxes generated are based on the existing economic relationships (i.e., markets and non-market flows) of the 2019 IMPLAN data for Tennessee.

Table 1. Rollup of Estimated Economic Impacts from Tennessee Department of Agriculture's Tennessee Agricultural Enhance Program, FY06-FY25[a]

TDA TAEP	TDA[b]		Producers		Total	
	Direct	Total[c]	Direct	Total[c]	Direct	Total[c]
	($1,000)		($1,000)		**($1,000)**	
Genetics	$23,646.8	$39,374.7	$61,202.4	$101,956.3	$84,849.2	$141,331.0
Row Crop Solutions	$42,315.3	$73,739.8	$180,277.8	$313,967.1	$222,593.0	$387,706.9
Hay Storage	$74,234.3	$130,277.9	$210,879.2	$369,931.9	$285,113.5	$500,209.8
Livestock Equipment	$80,950.8	$129,140.1	$186,699.9	$297,799.4	$267,650.7	$426,939.4
Livestock Solutions	$27,230.0	$47,825.3	$71,372.5	$125,058.6	$98,602.5	$172,883.9
Poultry Grower	$2,996.5	$4,698.2	$10,594.5	$16,777.5	$13,561.0	$21,475.7
Producer Diversification	$19,788.3	$38,676.1	$62,160.4	$121,698.0	$81,948.6	$160,374.1
Permanent Working Structures	$8,289.6	$15,669.4	$25,007.5	$47,239.8	$33,297.1	$62,909.1
Herd Health	$3,521.6	$5,747.8	$0.0	$0.0	$3,521.6	$5,747.8
Hay Equipment	$24,886.0	$39,369.8	$75,649.9	$119,593.8	$100,535.9	$158,963.6
Dairy Solutions	$1,258.0	$2,019.4	$3,946.4	$6,330.4	$5,204.5	$8,349.7
Swine Producers	$31.7	$49.9	$108.0	$169.8	$139.7	$219.7
Total	***$309,118.9***	***$526,588.4***	***$887,898.4***	***$1,520,522.5***	***$1,197,017.3***	***$2,047,110.8***

[a]As of 10/9/25; [b]Tennessee Department of Agriculture; [c]Includes economic activity multiplier effects

Each TAEP dollar generates $6.62 in local economies

Two types of effects are presented:

- ***Direct effects*** are TAEP expenditures attributable to industries in a Tennessee. For this analysis this would include farm machinery and equipment manufacturing, veterinary services, other amusement and recreation industries for agritourism, construction of new farm structures, and support activities for agriculture and forestry (e.g., value-added products).
- ***Total effects*** include Direct + Indirect + Induced. Results are presented as Direct + Multiplier effects where Multiplier = Indirect + Induced. ***Indirect effects*** are the secondary effects (input suppliers) or production changes in backward-linked industries caused when input needs change due to the impact of directly affected industries. ***Induced effects*** are the response by all local industries caused by increased expenditures of new household income generated from the direct and indirect effects of the change in final demand for a specific industry.

Appendix A

Past and Current TAEP Focus Areas by Fiscal Year and Proportioned Cost Share

A.1. Genetics: assists producers in enhancing livestock genetics to increase the quality, value, marketability, and reputation of Tennessee livestock					
Fiscal Year (FY)	**TDA[a]**	**Producers**	**Total**	**TDA's[a] Share**	**Producers' Share**
		($1,000)			
FY06	$498.2	$1,547.1	$2,045.2	24.4%	75.6%
FY07	$601.9	$2,439.4	$3,041.3	19.8%	80.2%
FY08	$1,246.1	$3,099.8	$4,345.9	28.7%	71.3%
FY09	$924.8	$2,097.5	$3,022.4	30.6%	69.4%
FY10	$1,142.3	$2,657.1	$3,799.4	30.1%	69.9%
FY11	$1,454.3	$3,507.0	$4,961.3	29.3%	70.7%
FY12	$1,583.9	$3,971.5	$5,555.4	28.5%	71.5%
FY13	$885.9	$2,281.6	$3,167.5	28.0%	72.0%
FY14	$1,806.9	$4,521.7	$6,328.6	28.6%	71.4%
FY15	$773.4	$2,271.2	$3,044.6	25.4%	74.6%
FY16	$1,210.6	$3,368.6	$4,579.2	26.4%	73.6%
FY17	$1,210.9	$3,087.4	$4,298.3	28.2%	71.8%
FY18	$2,257.0	$5,760.3	$8,017.3	28.2%	71.8%
FY19	$1,173.5	$2,976.1	$4,149.6	28.3%	71.7%
FY20	$1,046.3	$2,658.5	$3,704.8	28.2%	71.8%
FY21	$1,154.6	$2,919.9	$4,074.5	28.3%	71.7%
FY22	$1,042.6	$2,629.4	$3,672.0	28.4%	71.6%
FY23	$1,159.3	$2,908.9	$4,068.2	28.5%	71.5%
FY24	$1,202.9	$3,080.0	$4,282.9	28.1%	71.9%
FY25[b]	$1,271.3	$3,419.3	$4,690.7	27.1%	72.9%
Total	***$23,646.8***	***$61,202.4***	***$84,849.2***	***27.9%***	***72.1%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Genetics TAEP Estimated Economic Impacts			
TDA[a]		**Producers**	
Direct	**Total[b]**	**Direct**	**Total[b]**
$23,646,807	$39,374,698	$61,202,366	$101,956,330

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Genetics Expenditures

1. Veterinary Services
2. Owner-Occupied Dwellings
3. Wholesale – Drugs and Druggists' Sundries
4. Hospitals
5. Other Real Estate

A.2. Row Crop Solutions: assists producers in managing, storing, and drying grains to provide higher returns and marketing flexibility

Fiscal Year (FY)	TDA[a]	Producers	Total	TDA's[a] Share	Producers' Share
		($1,000)			
FY09	$1,749.9	$6,491.3	$8,241.2	21.2%	78.8%
FY10	$892.4	$3,255.4	$4,147.9	21.5%	78.5%
FY11	$1,196.2	$4,534.6	$5,730.8	20.9%	79.1%
FY12	$1,373.0	$4,963.2	$6,336.3	21.7%	78.3%
FY13	$1,451.8	$5,613.4	$7,065.1	20.5%	79.5%
FY14	$1,570.5	$6,247.2	$7,817.7	20.1%	79.9%
FY15	$2,296.2	$9,248.8	$11,544.9	19.9%	80.1%
FY16	$1,712.2	$7,663.0	$9,375.3	18.3%	81.7%
FY17	$1,375.3	$5,923.6	$7,298.9	18.8%	81.2%
FY18	$1,789.0	$7,618.6	$9,407.6	19.0%	81.0%
FY19	$2,593.5	$12,219.4	$14,812.9	17.5%	82.5%
FY20	$5,853.1	$21,518.3	$27,371.3	21.4%	78.6%
FY21	$3,354.5	$16,078.1	$19,432.6	17.3%	82.7%
FY22	$4,399.8	$21,291.1	$25,690.9	17.1%	82.9%
FY23	$4,125.7	$18,371.8	$22,497.4	18.3%	81.7%
FY24	$4,087.6	$18,829.2	$22,916.8	17.8%	82.2%
FY25[b]	$2,494.6	$10,410.9	$12,909.5	19.3%	80.7%
Total	***$42,315.3***	***$180,277.8***	***$222,593.0***	***19.0%***	***81.0%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Row Crop Solutions TAEP Estimated Economic Impacts

TDA[a]		Producers	
Direct	**Total[b]**	**Direct**	**Total[b]**
$42,315,271	$73,739,766	$180,277,756	$313,967,108

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Row Crop Solutions Expenditures

1. Construction of New Commercial Structures, including Farm Structures
2. Farm Machinery & Equipment Manufacturing
3. Owner-Occupied Dwellings
4. Wholesale – Machinery, Equipment, & Supplies
5. Other Real Estate

A.3. Hay Storage: assists producers in building hay barns to properly store hay to maintain nutritional quality and availability when needed

Fiscal Year (FY)	TDA[a]	Producers	Total	TDA's[a] Share	Producers' Share
		($1,000)			
FY07	$1,866.5	$7,594.2	$9,460.6	19.7%	80.3%
FY08	$4,080.6	$16,244.5	$20,325.1	20.1%	79.9%
FY09	$2,405.8	$8,659.7	$11,065.4	21.7%	78.3%
FY10	$4,542.5	$11,372.7	$15,915.2	28.5%	71.5%
FY11	$5,404.8	$13,478.8	$18,883.7	28.6%	71.4%
FY12	$5,319.3	$12,643.7	$17,963.0	29.6%	70.4%
FY13	$4,169.1	$10,483.1	$14,652.1	28.5%	71.5%
FY14	$6,358.1	$16,436.2	$22,794.4	27.9%	72.1%
FY15	$5,028.4	$12,877.6	$17,906.0	28.1%	71.9%
FY16	$4,998.3	$14,331.0	$19,329.3	25.9%	74.1%
FY17	$4,066.9	$12,312.9	$16,379.9	24.8%	75.2%
FY18	$3,886.5	$9,955.6	$13,842.1	28.1%	71.9%
FY19	$4,645.5	$11,960.6	$16,606.1	28.0%	72.0%
FY20	$0.0	$0.0	$0.0	0.0%	0.0%
FY21	$4,523.1	$14,743.4	$19,266.5	23.5%	76.5%
FY22	$0.0	$0.0	$0.0	0.0%	0.0%
FY23	$6,920.9	$20,880.5	$27,801.4	24.9%	75.1%
FY24	$0.0	$0.0	$0.0	0.0%	0.0%
FY25[b]	$6,017.9	$16,904.8	$22,922.7	26.3%	73.7%
Total	***$74,234.3***	***$210,879.2***	***$285,113.5***	***26.0%***	***74.0%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Hay Storage TAEP Estimated Economic Impacts

TDA[a]		Producers	
Direct	**Total[b]**	**Direct**	**Total[b]**
$74,234,272	$130,277,911	$210,879,229	$369,931,885

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Hay Storage Expenditures

1. Construction of New Commercial Structures, including Farm Structures
2. Farm Machinery & Equipment Manufacturing
3. Owner-Occupied Dwellings
4. Wholesale – Machinery, Equipment, & Supplies
5. Other Real Estate

A.4. Livestock Equipment: improves a producer's ability to manage livestock properly and safely on the farm with working systems, feed, and pasture items					
Fiscal Year (FY)	**TDA[a]**	**Producers**	**Total**	**TDA's[a] Share**	**Producers' Share**
		($1,000)			
FY06	$808.0	$1,994.2	$2,802.2	28.8%	71.2%
FY07	$1,044.2	$3,930.5	$4,974.8	21.0%	79.0%
FY08	$6,753.9	$15,164.1	$21,918.1	30.8%	69.2%
FY09	$3,390.0	$7,746.3	$11,136.3	30.4%	69.6%
FY10	$3,280.7	$7,106.3	$10,387.1	31.6%	68.4%
FY11	$4,384.2	$9,764.5	$14,148.7	31.0%	69.0%
FY12	$4,677.6	$10,303.6	$14,981.2	31.2%	68.8%
FY13	$3,808.4	$8,470.2	$12,278.6	31.0%	69.0%
FY14	$5,269.4	$11,475.6	$16,745.0	31.5%	68.5%
FY15	$5,611.1	$12,011.5	$17,622.6	31.8%	68.2%
FY16	$4,804.5	$10,797.1	$15,601.7	30.8%	69.2%
FY17	$4,189.7	$9,518.2	$13,707.9	30.6%	69.4%
FY18	$5,273.9	$11,584.4	$16,858.3	31.3%	68.7%
FY19	$5,327.7	$11,754.0	$17,081.7	31.2%	68.8%
FY20	$4,135.0	$9,076.1	$13,211.1	31.3%	68.7%
FY21	$4,029.6	$9,446.7	$13,476.3	29.9%	70.1%
FY22	$4,101.5	$9,699.1	$13,800.6	29.7%	70.3%
FY23	$3,180.8	$8,391.3	$11,572.0	27.5%	72.5%
FY24	$3,592.3	$9,475.4	$13,067.7	27.5%	72.5%
FY25[b]	$3,288.1	$8,990.6	$12,278.7	26.8%	73.2%
Total	***$80,950.8***	***$186,699.9***	***$267,650.7***	***30.2%***	***69.8%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Livestock Equipment TAEP Estimated Economic Impacts			
TDA[a]		**Producers**	
Direct	**Total[b]**	**Direct**	**Total[b]**
$80,950,768	$129,140,060	$186,699,888	$297,799,370

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Livestock Equipment Expenditures
1. Farm Machinery & Equipment Manufacturing
2. Wholesale – Machinery, Equipment, & Supplies
3. Owner-Occupied Dwellings
4. Management of Companies & Enterprises
5. Wholesale – Motor Vehicle & Motor Vehicle Parts & Supplies

A.5. Livestock Solutions: assists producers in building feed storage structures, installing feed systems, and purchasing feeding equipment for cost efficiency and feed quality

Fiscal Year (FY)	TDA[a]	Producers	Total	TDA's[a] Share	Producers' Share
		($1,000)			
FY08	$5,827.1	$8,877.7	$14,704.8	39.6%	60.4%
FY09	$2,922.2	$6,670.1	$9,592.3	30.5%	69.5%
FY10	$890.9	$2,515.2	$3,406.1	26.2%	73.8%
FY11	$1,072.5	$2,881.5	$3,954.0	27.1%	72.9%
FY12	$1,022.1	$2,755.0	$3,777.1	27.1%	72.9%
FY13	$845.5	$2,445.8	$3,291.3	25.7%	74.3%
FY14	$1,354.4	$3,897.9	$5,252.3	25.8%	74.2%
FY15	$1,345.5	$3,808.1	$5,153.7	26.1%	73.9%
FY16	$969.3	$3,220.9	$4,190.3	23.1%	76.9%
FY17	$1,021.6	$3,523.4	$4,545.0	22.5%	77.5%
FY18	$1,164.3	$3,242.9	$4,407.3	26.4%	73.6%
FY19	$2,049.7	$5,356.9	$7,406.6	27.7%	72.3%
FY20	$1,836.4	$4,612.0	$6,448.4	28.5%	71.5%
FY21	$1,319.2	$4,109.1	$5,428.3	24.3%	75.7%
FY22	$1,065.4	$3,363.7	$4,529.0	23.5%	76.5%
FY23	$1,202.3	$4,463.2	$5,665.4	21.2%	78.8%
FY24	$643.1	$2,598.1	$3,241.2	19.8%	80.2%
FY25[b]	$678.5	$2,930.9	$3,609.5	18.8%	81.2%
Total	***$27,230.0***	***$71,372.5***	***$98,602.5***	***27.6%***	***72.4%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Livestock Solutions TAEP Estimated Economic Impacts

TDA[a]		Producers	
Direct	**Total[b]**	**Total[b]**	**Total[b]**
$27,230,040	$47,825,317	$71,372,470	$125,058,603

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Livestock Solutions Expenditures

1. Construction of New Commercial Structures, including Farm Structures
2. Farm Machinery & Equipment Manufacturing
3. Owner-Occupied Dwellings
4. Wholesale – Machinery, Equipment, & Supplies
5. Other Real Estate

A.6. Poultry Grower: assists producers with advancements in poultry operations

Fiscal Year (FY)	TDA[a]	Producers	Total	TDA's[a] Share	Producers' Share
		($1,000)			
FY16	$156.0	$811.0	$967.0	16.1%	83.9%
FY17	$46.8	$246.6	$293.4	15.9%	84.1%
FY18	$107.6	$467.4	$575.0	18.7%	81.3%
FY19	$73.3	$280.4	$353.7	20.7%	79.3%
FY20	$372.9	$1,225.8	$1,598.8	23.3%	76.7%
FY21	$374.1	$1,306.1	$1,680.2	22.3%	77.7%
FY22	$510.8	$1,587.2	$2,098.1	24.3%	75.7%
FY23	$565.5	$2,024.8	$2,590.3	21.8%	78.2%
FY24	$444.9	$1,713.2	$2,158.2	20.6%	79.4%
FY25[b]	$314.5	$931.9	$1,246.4	25.2%	74.8%
Total	***$2,966.5***	***$10,594.5***	***$13,561.0***	***21.9%***	***78.1%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Poultry Grower TAEP Estimated Economic Impacts

TDA[a]		Producers	
Direct	**Total[b]**	**Direct**	**Total[b]**
$2,966,489	$4,698,209	$10,594,484	$16,777,490

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Poultry Grower Expenditures

1. Farm Machinery & Equipment Manufacturing
2. Wholesale – Machinery, Equipment, & Supplies
3. Owner-Occupied Dwellings
4. Management of Companies & Enterprises
5. Wholesale – Motor Vehicle & Motor Vehicle Parts & Supplies

A.7. Producer Diversification: assists producers in diversifying their operations through agritourism, fruit and vegetable production, honeybees, horticulture, organics, and value-added products

Fiscal Year (FY)	TDA[a]	Producers	Total	TDA's[a] Share	Producers' Share
		($1,000)			
FY06	$559.8	$2,829.0	$3,388.8	16.5%	83.5%
FY07	$621.2	$2,965.2	$3,586.5	17.3%	82.7%
FY08	$1,146.5	$4,111.2	$5,257.7	21.8%	78.2%
FY09	$872.9	$3,482.3	$4,355.2	20.0%	80.0%
FY10	$691.2	$2,631.4	$3,322.6	20.8%	79.2%
FY11	$627.8	$2,503.0	$3,130.8	20.1%	79.9%
FY12	$732.4	$2,851.6	$3,584.0	20.4%	79.6%
FY13	$733.7	$2,301.7	$3,035.4	24.2%	75.8%
FY14	$672.7	$2,277.7	$2,950.4	22.8%	77.2%
FY15	$682.4	$1,779.4	$2,461.8	27.7%	72.3%
FY16	$725.2	$2,229.5	$2,954.7	24.5%	75.5%
FY17	$1,067.7	$3,267.4	$4,335.1	24.6%	75.4%
FY18	$1,282.4	$3,162.5	$4,445.0	28.9%	71.1%
FY19	$1,310.8	$3,061.0	$4,371.8	30.0%	70.0%
FY20	$1,088.2	$2,842.1	$3,930.3	27.7%	72.3%
FY21	$1,070.4	$3,310.3	$4,380.8	24.4%	75.6%
FY22	$1,402.0	$4,329.2	$5,731.2	24.5%	75.5%
FY23	$1,484.3	$4,434.9	$5,919.2	25.1%	74.9%
FY24	$1,488.2	$3,968.4	$5,456.7	27.3%	72.7%
FY25[b]	$1,528.3	$3,822.4	$5,350.7	28.6%	71.4%
Total	***$19,788.3***	***$62,160.4***	***$81,948.6***	***24.1%***	***75.9%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Producer Diversification TAEP Estimated Economic Impacts

TDA[a]		Producers	
Direct	**Total[b]**	**Direct**	**Total[b]**
$19,788,252	$38,676,123	$62,160,363	$121,697,963

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Producer Diversification Expenditures

1. Support Activities for Agriculture & Forestry
2. Other Amusement & Recreation Industries
3. Owner-Occupied Dwellings
4. Other Real Estate
5. Wholesale – Other Nondurable Goods Merchant Wholesalers

A.8. Permanent Working Structures: improves farm safety, functionality, and longevity of livestock working equipment by providing a protective cover

Fiscal Year (FY)	TDA[a]	Producers	Total	TDA's[a] Share	Producers' Share
		($1,000)			
FY15	$1,106.3	$3,070.8	$4,177.1	26.5%	73.5%
FY16	$544.9	$1,783.4	$2,328.3	23.4%	76.6%
FY17	$698.8	$2,351.3	$3,050.1	22.9%	77.1%
FY18	$349.1	$1,062.1	$1,411.2	24.7%	75.3%
FY19	$518.7	$1,658.0	$2,176.6	23.8%	76.2%
FY20	$920.1	$2,366.0	$3,286.1	28.0%	72.0%
FY21	$563.8	$1,827.3	$2,391.1	23.6%	76.4%
FY22	$818.8	$2,908.3	$3,727.1	22.0%	78.0%
FY23	$974.7	$2,833.8	$3,808.6	25.6%	74.4%
FY24	$1,133.3	$3,023.2	$4,156.6	27.3%	72.7%
FY25[b]	$661.0	$2,123.5	$2,784.5	23.7%	76.3%
Total	***$8,289.6***	***$25,007.5***	***$33,297.1***	***24.9%***	***75.1%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Permanent Working Structures TAEP Estimated Economic Impacts

TDA[a]		Producers	
Direct	**Total[b]**	**Direct**	**Total[b]**
$8,289,590	$15,669,379	$25,007,535	$47,239,750

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Permanent Working Structures Expenditures

1. Construction of New Commercial Structures, including Farm Structures
2. Owner-Occupied Dwellings
3. Other Real Estate
4. Hospitals
5. Wholesale – Other Durable Goods Merchant Wholesalers

A.9. Herd Health: assists producers in ensuring cattle herd health through a preventative vaccination protocol

Fiscal Year (FY)	TDA[a]	Producers	Total	TDA's[a] Share	Producers' Share
		($1,000)			
FY20	$340.6	$0.0	$340.6	100.0%	0.0%
FY21	$235.1	$0.0	$235.1	100.0%	0.0%
FY22	$229.8	$0.0	$229.8	100.0%	0.0%
FY23	$1,101.1	$0.0	$1,101.1	100.0%	0.0%
FY24	$1,003.8	$0.0	$1,003.8	100.0%	0.0%
FY25[b]	$611.2	$0.0	$611.2	100.0%	0.0%
Total	***$3,521.6***	***$0.0***	***$3,521.6***	***100.0%***	***0.0%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Herd Health TAEP Estimated Economic Impacts

TDA[a]		Producers	
Direct	**Total[b]**	**Direct**	**Total[b]**
$3,521,624	$5,747,823	$0.0	$0.0

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Herd Health Expenditures

1. Veterinary Services
2. Owner-Occupied Dwellings
3. Wholesale – Drugs & Druggists' Sundries
4. Hospitals
5. Other Real Estate

A.10. Hay Equipment: assists producers in purchasing the latest equipment and technology to improve forage production

Fiscal Year (FY)	TDA[a]	Producers	Total	TDA's[a] Share	Producers' Share
		($1,000)			
FY20	$5,742.4	$16,724.2	$22,466.6	25.6%	74.4%
FY21	$0.0	$0.0	$0.0	0.0%	0.0%
FY22	$8,568.6	$23,827.5	$32,396.1	26.4%	73.6%
FY23	$0.0	$0.0	$0.0	0.0%	0.0%
FY24	$7,547.3	$24,326.7	$31,874.0	23.7%	76.3%
FY25[b]	$3,027.8	$10,771.4	$13,799.2	21.9%	78.1%
Total	***$24,886.0***	***$75,649.9***	***$100,535.9***	***24.8%***	***75.2%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Hay Equipment TAEP Estimated Economic Impacts

TDA[a]		Producers	
Direct	**Total[b]**	**Direct**	**Total[b]**
$24,886,021	$39,369,847	$75,649,903	$119,593,790

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Hay Equipment Expenditures

1. Farm Machinery & Equipment Manufacturing
2. Wholesale – Machinery, Equipment, & Supplies
3. Owner – Occupied Dwellings
4. Management of Companies & Enterprises
5. Wholesale – Motor Vehicle & Motor Vehicle Parts & Supplies

A.11. Dairy Solutions: improve quality of Tennessee milk

Fiscal Year (FY)	TDA[a]	Producers	Total	TDA's[a] Share	Producers' Share
		($1,000)			
FY21	$132.7	$281.3	$414.0	32.0%	68.0%
FY22	$253.4	$1,086.6	$1,340.0	18.9%	81.8%
FY23	$280.1	$849.6	$1,129.7	24.8%	75.2%
FY24	$290.6	$807.8	$1,098.4	26.5%	73.5%
FY25[b]	$301.3	$921.1	$1,222.4	24.6%	75.4%
Total	***$1,258.0***	***$3,946.4***	***$5,204.5***	***24.2%***	***75.8%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Dairy Solutions TAEP Estimated Economic Impacts

TDA[a]		Producers	
Direct	**Total[b]**	**Direct**	**Total[b]**
$1,258,034	$2,019,367	$3,946,435	$6,330,369

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Dairy Solutions Expenditures

1. Veterinary Services
2. Farm Machinery & Equipment Manufacturing
3. Owner – Occupied Dwellings
4. Wholesale – Machinery, Equipment, & Supplies
5. Other Real Estate

A.12. Swine Producers: assists producers with advancements in swine production

Fiscal Year (FY)	TDA[a]	Producers	Total	TDA's[a] Share	Producers' Share
		($1,000)			
FY24	$7.7	$30.0	$37.7	20.5%	79.5%
FY25[b]	$24.0	$78.0	$102.0	23.5%	76.5%
Total	***$31.7***	***$108.0***	***$139.7***	***22.7%***	***77.3%***

[a]Tennessee Department of Agriculture

[b]As of 10/9/25

Swine Producers TAEP Estimated Economic Impacts

TDA[a]		Producers	
Direct	**Total[b]**	**Direct**	**Total[b]**
$31,727	$49,876	$107,999	$169,795

[a]Tennessee Department of Agriculture

[b]Includes economic activity multiplier effects

Top Five Industries Impacted based on Economic Activity from TAEP Swine Producers Expenditures

1. Farm Machinery & Equipment Manufacturing
2. Wholesale – Machinery, Equipment, & Supplies
3. Retail – Motor Vehicles & Parts Dealers
4. Employment Services
5. Full-Service Restaurants

Appendix B

Estimated State/Local and Federal Taxes Generated Based on TAEP FY06-FY25 Expenditures

This tax information supplements the estimated economic impacts for the Tennessee Agricultural Enhancement Program (TAEP) for fiscal years 2006-2025. The state and local and federal tax *estimates* are based on TDA's and producers' expenditures for that timeframe. The estimated taxes generated are based on the existing economic relationships (i.e., markets and non-market flows) of the 2019 IMPLAN data for Tennessee. The type and economic sectors impacted in IMPLAN determine which industries are affected both directly and indirectly so that the resulting estimated tax impacts reflect these market flow interrelationships.

Data sources used by IMPLAN to generate the tax information in both tables below were derived from the **1)** Bureau of Economic Analysis' (BEA's) National Income and Product Accounts (NIPA), or more specifically, Government Current Receipts and Expenditures in Section 3 of NIPA; **2)** Consumer Expenditure Survey (CES) conducted annually by the U.S. Census Bureau to capture household spending patterns, via annual surveys and diary samplings, so the tax-to-income relationships for various household income categories are established and then distributed to states; **3)** U.S. Census Bureau's Annual Survey of State and Local Government Finances (SLGF) to collect annual State/Local Government receipts and expenditures so values can be proportionally split among various tax types (sales, property, etc.) and local government collections by tax type; and **4)** Regional Economic Accounts (REA), which is collected by BEA concerning income, wealth, tax, and employment data. Some of the data used by IMPLAN are national averages, which may require a proportioned approach for assignment and distribution to the various U.S. states.

Table B.1. indicates the estimated local and state taxes as a result of TDAs and producers TAEP expenditures. The total estimated local and state taxes are $57.6 million, with TDA comprising $14.7 million (25.6%) of the total and producers $42.9 million (74.4%). Sales, property, other (business licenses, documentary, and recordation taxes), corporate profits, and fine and fees taxes have the largest values for local and state taxes. The estimated local taxes may reflect a one-to-two-year lag.

Table B.1. Estimated Local[a] and State Taxes as a Result of TDA's and Producers' TAEP Expenditures, FY06-FY25

Description	TDA	Producers	Total
Corporate Profits Tax[b]	$852,506	$2,415,106	$3,267,612
Dividends[c]	$50,962	$144,289	$195,251
Personal Tax: Income Tax[d]	$91,422	$268,378	$359,800
Personal Tax: Motor Vehicle License[e]	$176,229	$517,389	$693,618
Personal Tax: Non-Taxes (Fines & Fees)[f]	$559,415	$1,642,371	$2,201,786
Personal Tax: Other Taxes (Fish/Hunt)[g]	$68,676	$201,605	$270,281
Motor Vehicle Licenses[h]	$131,388	$383,089	$514,477
Other Taxes[i]	$1,095,476	$3,193,937	$4,289,413
Property Tax	$3,624,803	$10,568,403	$14,193,206
S/L Non-Taxes[j]	$105,196	$306,726	$411,922
Sales Tax	$7,973,048	$23,246,093	$31,219,141
Severance Tax[k]	$2,653	$7,734	$10,387
Total	***$14,731,774***	***$42,895,120***	***$57,626,894***

[a]Local taxes may reflect a 1-2 years lag
[b]Excise tax on company's net earnings for TN's businesses and franchise tax for doing business in the state
[c]Net dividends to governments by corporations from investments
[d]U.S. value distributed to states based on individual income taxes from the annual survey of state and local government finances
[e]Personal motor vehicle fee payments to state/local governments
[f]Includes payments for fines and donations

Table B.1. Estimated Local[a] and State Taxes as a Result of TDA's and Producers' TAEP Expenditures, FY06-FY25

[g]Consists of hunting, fishing, and other personal licenses
[h]Based on a state's proportion of motor vehicle operator's licenses taxes
[i]Includes business licenses and documentary and stamp taxes (recordation tax) (corporation licenses, amusement license, other licenses, documentary and stock transfer, public utility license, beverage license, occupation and business license not elsewhere classified)
[j]Includes rents, royalties, special assessments, fines, settlements, and donations
[k]Tax on removal of certain natural resources from the ground (e.g., minerals, oil, etc.)

Table B.2. indicates the estimated federal taxes as a result of TDAs and producers TAEP expenditures. The total estimated federal taxes are $127.0 million, with TDA comprising $32.4 million (25.5%) of the total and producers $94.6 million (74.5%). Income, social insurance, corporate profits, and excise taxes have the largest values for federal taxes. Combining both local/state and federal taxes, the total estimated taxes are $184.6 million. Of that total, TDA's total is estimated at $47.1 million (25.5%) and producers are estimated at $137.6 million (74.5%).

Table B.2. Estimated Federal Taxes as a Result of TDA's and Producers' TAEP Expenditures, FY06-FY25

Description	TDA	Producers	Total
Corporate Profits Tax[a]	$1,618,970	$4,584,567	$6,203,537
Personal Tax: Income Tax[b]	$11,676,547	$34,280,600	$45,957,147
Social Insurance Tax – Employee Contribution[c]	$9,689,296	$28,336,033	$38,025,329
Social Insurance Tax – Employer Contribution[d]	$7,356,672	$21,364,436	$28,721,108
Custom Duty[e]	$883,276	$2,575,263	$3,458,539
Excise Taxes[f]	$1,089,750	$3,177,254	$4,267,004
Fed Non-Taxes[g]	$96,060	$280,071	$376,131
Total	***$32,410,571***	***$94,598,224***	***$127,008,795***

[a]Federal levied on profits of corporations
[b]Taxes paid through withholdings, declarations, and final settlements less refund on individuals and households
[c]Includes social security, survivors' insurance, disability insurance, hospital insurance, supplemental medical insurance, unemployment insurance, veterans' life insurance, and railroad retirement plans
[d]Includes social security, survivors' insurance, disability insurance, hospital insurance, military medical insurance, unemployment insurance, pension benefit guaranty, veterans' life insurance, and railroad retirement plans
[e]Taxes imposed on good imported into a country
[f]Federally levied taxes on alcohol, tobacco, telephones, coal, fuels, air transportation, vehicles, etc.
[g]Includes rents and royalties