

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

***An Analysis Update for
FY06-FY22***



Report to the Tennessee Department of Agriculture

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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 FY22¹, state investment in the TAEP program in nominal dollars totals close to \$246.5 million.
- The overall economic impacts (with multiplier effects) from the TAEP on the state’s economy in nominal dollars is \$1.6 billion from FY06 through FY22.
- For every \$1 of TAEP investment, an additional **\$6.55** is generated in the state’s rural economies (multiplier includes the estimated total economic impacts from both TAEP funds + producers’ matching funds).

Tennessee county level TAEP expenditures and projects for FY06 through FY22 are detailed in Figures 1 and 2.

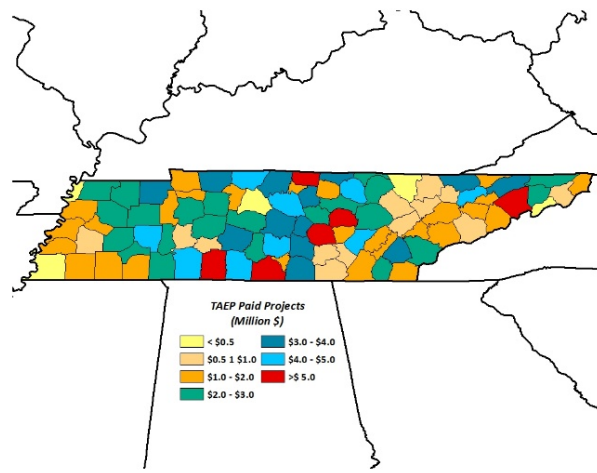


Figure 1. Expenditures of TAEP Paid Projects from FY06-FY22

¹As of 12/18/22

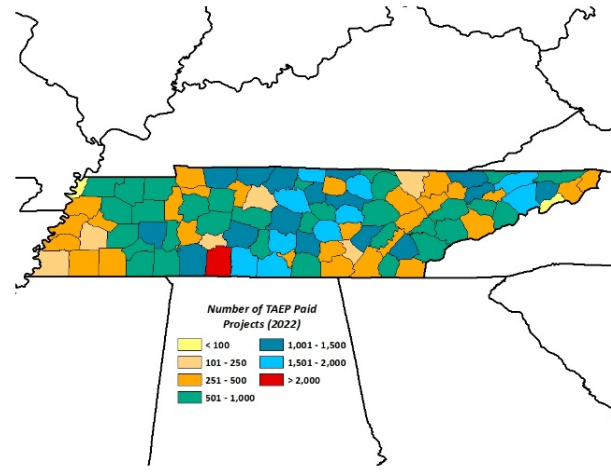


Figure 2. Number of TAEF Paid Projects from FY06-FY22

Source: TAEF Fact Sheet 2022 https://www.tn.gov/content/dam/tn/agriculture/documents/taef/2022/taef_fs_2022.pdf

About this Analysis

This analysis provides projections of the economic impacts resulting from the TAEF for fiscal years 2006-2022 (FY06-FY22). Economic impacts from eleven major program focus areas are projected: Dairy Solutions, Genetics, Hay Equipment, Hay Storage, Herd Health, Livestock Equipment, Livestock Solutions (*formerly Livestock Feed Storage*), Permanent Working Structures (*formerly Working Facility Structures*), Poultry Grower, Producer Diversification, and Row Crop Solutions (*formerly Grain Storage*). 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 TAEF’s economic impact on the States rural communities, TDA and producer expenditures from TAEF 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 as a result of the impact analyzed. All dollar values in the document are in nominal dollars.

Two types of effects are presented:

- **Direct effects** are the immediate effects associated with the change in the final demand for a particular industry. For example, an increase in the final demand for soybeans of \$10 million will cause the farm sector to produce \$10 million worth of soybeans.
- **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** is 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.

Based on the expenditure data from FY06 through FY22, Hay Storage had the largest percent of the total TAEF expenditures at 24.9 percent, followed by Livestock Equipment (24.5 percent) and Row Crop Solutions (17.5 percent) (Figure 3). An overall summary of totals for each TAEF program focus areas is presented (Table 1). Based on the methodology and assumptions used, each TAEF dollar generates **\$6.55** in local economies.

For each program focus area (see Appendix), a table indicating past and current TDA and participating producers' expenditures is also presented, along with the proportioned cost-shared for that particular fiscal year. In addition, tables showing the economic impacts of these expenditures and the top industries impacted based on economic activity are then provided.

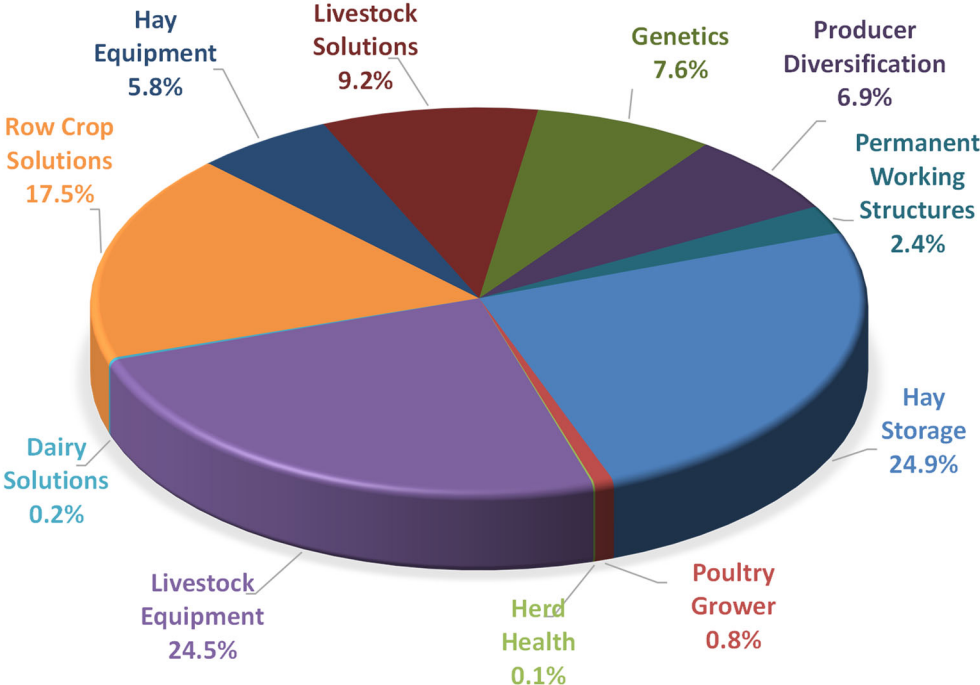


Figure 3. Proportion of Expenditures for the TAEF Program.

Table 1. Rollup of Estimated Economic Impacts from Tennessee Department of Agriculture's Tennessee Agricultural Enhance Program

TDA TAEP	TDA ^a		Producers		Total	
	Direct	Total ^b	Direct	Total ^b	Direct	Total ^b
	(\$1,000)		(\$1,000)		(\$1,000)	
Genetics	\$20,013.3	\$33,452.4	\$51,794.1	\$86,644.0	\$71,807.4	\$120,096.5
Row Crop Solutions	\$31,619.4	\$55,295.2	\$132,701.1	\$232,019.5	\$164,320.5	\$287,314.7
Hay Storage	\$61,295.4	\$107,943.0	\$173,093.9	\$304,858.6	\$234,389.3	\$412,801.7
Livestock Equipment	\$70,889.6	\$113,283.9	\$159,842.6	\$255,474.6	\$230,732.2	\$368,758.5
Livestock Solutions	\$24,706.1	\$43,472.2	\$61,380.3	\$107,848.1	\$86,086.4	\$151,320.4
Poultry Grower	\$1,641.6	\$2,608.9	\$5,924.5	\$9,417.2	\$7,566.1	\$12,026.0
Producer Diversification	\$15,287.4	\$29,839.4	\$49,934.6	\$97,765.5	\$65,222.0	\$127,604.9
Permanent Working Structures	\$5,520.5	\$10,485.3	\$17,027.0	\$32,326.7	\$22,547.5	\$42,812.0
Herd Health	\$805.5	\$1,319.1	\$0.0	\$0.0	\$805.5	\$1,319.1
Hay Equipment	\$14,310.9	\$22,709.4	\$40,551.8	\$64,353.7	\$54,862.7	\$87,063.1
Dairy Solutions	\$386.1	\$621.8	\$1,367.9	\$2,201.3	\$1,754.0	\$2,823.1
Total	\$246,475.8	\$421,030.7	\$693,617.9	\$1,192,909.2	\$940,093.7	\$1,613,940.0

^aTennessee Department of Agriculture

^bIncludes economic activity multiplier effects

Each TAEP dollar generates \$6.55 in local economies

Appendix

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

A.1. Genetics: assists producers in improving the genetics in their operations, increasing 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	\$2,991.9	\$4,074.5	28.3%	71.7%
FY22	\$1,042.6	\$2,629.4	\$3,672.0	28.4%	71.6%
Total	\$20,013.3	\$51,794.1	\$71,807.4	27.9%	72.1%

^aTennessee Department of Agriculture

Genetics TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Direct	Total ^b
\$20,013,267	\$33,452,438	\$51,794,113	\$86,644,022

^aTennessee Department of Agriculture

^bIncludes 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 (formerly Grain Storage): assists producers in managing, storing, and drying grains to provide higher returns and marketing flexibility

Fiscal Year (FY)	TDA ^a	Producers (\$1,000)	Total	TDA's ^a Share	Producers' Share
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	\$4,411.8	\$21,326.3	\$25,738.1	17.1%	82.9%
Total	\$31,619.4	\$132,701.1	\$164,320.5	19.2%	80.8%

^aTennessee Department of Agriculture

Row Crop Solutions TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Direct	Total ^b
\$31,619,391	\$55,295,157	\$132,701,147	\$232,019,509

^aTennessee Department of Agriculture

^bIncludes 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 improve storage and management of forages to improve herd nutrition

Fiscal Year (FY)	TDA ^a	Producers (\$1,000)	Total	TDA's ^a Share	Producers' Share
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%
Total	\$61,295.4	\$173,093.9	\$234,389.3	26.2%	73.8%

^aTennessee Department of Agriculture

Hay Storage TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Direct	Total ^b
\$61,295,440	\$107,943,049	\$173,093,889	\$304,858,622

^aTennessee Department of Agriculture

^bIncludes 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 properly and safely manage livestock on the farm (for example, squeeze chutes, creep feeders, feed bins, and working systems)

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%
Total	\$70,889.6	\$159,842.6	\$230,732.2	30.7%	69.3%

^aTennessee Department of Agriculture

Livestock Equipment TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Direct	Total ^b
\$70,889,592	\$113,283,946	\$159,842,606	\$255,474,574

^aTennessee Department of Agriculture

^bIncludes 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 (formerly Livestock Feed Storage): assists producers in building feed storage sheds, silos, and installing feed management equipment to improve feed quality and cost efficiency

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	\$1,345.4	\$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%
Total	\$24,706.1	\$61,380.3	\$86,086.4	28.7%	71.3%

^aTennessee Department of Agriculture

Livestock Solutions TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Total ^b	Total ^b
\$24,706,121	\$43,472,246	\$61,380,311	\$107,848,142

^aTennessee Department of Agriculture

^bIncludes 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 poultry producers in operational improvements

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%
Total	\$1,641.6	\$5,924.5	\$7,566.1	21.7%	78.3%

^aTennessee Department of Agriculture

Poultry Grower TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Direct	Total ^b
\$1,641,602	\$2,608,875	\$5,924,523	\$9,417,160

^aTennessee Department of Agriculture

^bIncludes 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 farming operations (for example, agritourism, fruit and vegetables, honeybees, horticulture, organics, and value-added products)

Fiscal Year (FY)	TDA ^a	Producers (\$1,000)	Total	TDA's ^a Share	Producers' Share
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%
Total	\$15,287.4	\$49,934.6	\$65,222.0	23.4%	76.6%

^aTennessee Department of Agriculture

Producer Diversification TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Direct	Total ^b
\$15,287,412	\$29,839,401	\$49,934,608	\$97,765,532

^aTennessee Department of Agriculture

^bIncludes 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 (formerly Working Facility Structures): assists producers in improving farm safety, functionally, and longevity of livestock working equipment by providing a protective cover

Fiscal Year (FY)	TDA ^a	Producers (\$1,000)	Total	TDA's ^a Share	Producers' Share
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%
Total	\$5,520.5	\$17,027.0	\$22,547.5	24.5%	75.5%

^aTennessee Department of Agriculture

Permanent Working Structures TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Direct	Total ^b
\$5,520,482	\$10,485,335	\$17,027,004	\$32,326,661

^aTennessee Department of Agriculture

^bIncludes 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 improving whole herd health by encouraging 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%
Total	\$805.5	\$0.0	\$805.5	100.0%	0.0%

^aTennessee Department of Agriculture

Herd Health TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Direct	Total ^b
\$805,461	\$1,319,111	\$0.0	\$0.0

^aTennessee Department of Agriculture

^bIncludes 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%
Total	\$14,310.9	\$40,551.8	\$54,862.7	26.1%	73.9%

^aTennessee Department of Agriculture

Hay Equipment TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Direct	Total ^b
\$14,310,932	\$22,709,396	\$40,551,753	\$64,353,676

^aTennessee Department of Agriculture

^bIncludes 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: assists producers in improving the quality of Tennessee milk

Fiscal Year (FY)	TDA ^a	Producers (\$1,000)	Total	TDA's ^a Share	Producers' Share
FY21	\$132.7	\$281.3	\$414.0	32.0%	68.0%
FY22	\$253.4	\$1,086.6	\$1,340.0	18.9%	81.8%
Total	\$386.1	\$1,367.9	\$1,754.0	22.0%	78.0%

^aTennessee Department of Agriculture

Dairy Solutions TAEP Estimated Economic Impacts

TDA ^a		Producers	
Direct	Total ^b	Direct	Total ^b
\$386,110	\$621,755	\$1,367,927	\$2,201,344

^aTennessee Department of Agriculture

^bIncludes 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