

**MIDDLE
TENNESSEE**
STATE UNIVERSITY



MTSU ALUMNI IMPACT



MTSU Alumni Impact



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I AM *true* **BLUE**

MIDDLE TENNESSEE STATE UNIVERSITY

Executive Summary

Established in 1911, MTSU was originally a two-year teachers' college. The institution has grown in size as well as reputation for academic breadth and excellence. The University's programs are nationally recognized and regionally acclaimed at the baccalaureate, master's, and doctoral levels, and some specialized programs receive international recognition. MTSU has consistently been an influential part of the community and its economy. The quality of an MTSU education and its large number of graduates ensure an immense impact on the communities in which alumni live and work. In estimating alumni impact on the state and local economies, this study analyzes core impact plus economic and extended economic contributions.

Key Findings

Human Capital Formation by State

- A total of 99,530 MTSU alumni live and work in Tennessee.
- Georgia (3,679), Florida (3,009), Texas (2,191), and Alabama (2,175) have the largest MTSU alumni populations after Tennessee.

Human Capital Formation within Tennessee

- MTSU alumni accounted for 71 percent of human capital growth in Rutherford County, 16 percent in the Nashville MSA, and 13 percent in Tennessee for 2016.
- Cannon, Bedford, Rutherford, Coffee, and Moore counties have the highest percentage of alumni among degree-holders at 62.21 percent, 50.88 percent, 45.82 percent, 41.49 percent, and 39.5 percent, respectively.

- Rutherford (26,610), Davidson (17,078), Williamson (8,986), Wilson (5,596), and Sumner (4,363) counties have the highest number of alumni.

Core Impact

- Over \$3 billion in total business revenue was generated within Tennessee by the added value of MTSU degrees earned.
- The Nashville, Memphis, and Knoxville MSAs had additional total business revenue of \$2.3 billion, \$168.7 million, and \$116.5 million, respectively.
- Among counties, Davidson benefited the most with \$613.7 million in total additional business revenue.

Economic Contributions

- Over \$8.3 billion in business revenue resulted from activities of MTSU alumni within Tennessee.
- The Nashville, Memphis, and Knoxville MSAs had total business revenue of \$6.3 billion, \$276 million, and \$263 million, respectively.
- Rutherford County had the highest total business revenue among counties at \$2.1 billion.

Extended Economic Contributions

- MTSU alumni and their employees generated over \$9 billion in business revenue within Tennessee.
- The Nashville, Memphis, and Knoxville MSAs had total business revenue of \$6.8 billion, \$296 million, and \$282 million, respectively.
- Rutherford County had the highest total business revenue, over \$2.3 billion.





MTSU has an estimated economic impact of \$1.2 billion on the state economy. This study's purpose is to determine MTSU alumni's economic impact on the regional, state, and local economies.

Introduction

Since its beginning in 1911 as a two-year teachers' college, MTSU has attained university status, increased its campus size to 1,000-plus acres, and graduated over 100,000 students. It has also grown in reputation for academic breadth and excellence. The University houses eight undergraduate colleges (over 40 departments) and offers more than 80 majors (over 140 concentrations). The College of Graduate Studies offers more than 100 degree programs. MTSU programs are nationally recognized and regionally acclaimed at baccalaureate, master's, and doctoral levels. Several unique, specialized programs receive international recognition, including horse science, recording industry, and aerospace. MTSU is a regional leader in quality of programs such as agricultural science, education, and nursing. MTSU has garnered national acclaim by the Bureau of Educational and Cultural Affairs, and the *Chronicle of Higher Education* recognized it for its number of Fulbright Scholars.

MTSU has consistently been an influential part of the community.

It has invested over \$800 million in new facilities. The Science Corridor of Innovation includes a \$147 million science building and serves as a beacon of the state's and MTSU's dedication to science and technology education. As the state's top university for adult learners and second-largest producer of graduates, with over 5,000 degrees conferred in 2017, MTSU is helping the state reach its goal to increase the percent of postsecondary degrees among Tennesseans to 55 by 2025. MTSU has an estimated economic impact of \$1.2 billion on the state economy. This study's purpose is to determine MTSU alumni's economic impact on the regional, state, and local economies. The study aims to answer:

- What impact does the difference in potential earning power between high school and MTSU graduates have on Tennessee's economy?
- What is the economic impact of MTSU alumni's income?
- How do entrepreneurial alumni impact the area economy?

The study is organized as follows: a review of the literature on studies of similar focus and scope, describing their methodologies and relevance to the current study; an explanation of the methodology used in this report; a discussion on MTSU's economic role in Tennessee and the Nashville MSA in the context of migration trends; a description of the alumni populace and its distribution at the national and global levels and an exploration of the dynamics of alumni who remain in Tennessee including county-level distribution; results from the impact analysis for the study area; and a summary of the findings.

Modeling the Economic Impact of MTSU Alumni



Study Goals and Methodology

Literature Review

Quantifying a university's value to individuals and state and local economies is increasingly pertinent as universities work to increase enrollment and communicate their role in the community. Economic studies commonly observe that, on average, people with a bachelor's degree earn more than peers in the same field with a high school diploma. One study, "What Colleges Do for Local Economies: A Direct Measure Based on Consumption," concluded that, on average, a U.S. household with a bachelor's degree-holder earned \$84,628 pre-tax and spent \$31,568 locally, compared to \$40,260 and \$18,806 for a high school diploma-holder. A University of Alabama-Birmingham report found the 2016 class increased Alabama's earning power \$31.5 million in first-year salaries for those with a bachelor's

degree and overall \$54.2 million, showing the degree increases an individual's salary and positively impacts the state economy.

As suggested in the literature, BERC considered alumni wages and entrepreneurial activities in its impact assessment. A Harvard study revealed the school's alumni founded 146,429 businesses, generating annual revenue of \$1.9 trillion and employing nearly 11 million people in the U.S. A University of Virginia report for 2014 by Batten Institute showed alumni founded 2,944 businesses in Virginia, employing 52,000 people and generating \$395 billion in revenue. A Boston University study found BU bachelor's degrees earned in 2015 generated \$44.8 million in the state's economy that year. Research on the University of Illinois found that in 2014 UI alumni brought the state's economy an added value of \$9.5 billion, equating to 131,144 jobs. These studies illustrate how vital university alumni are to the community and the state, with graduates generating thousands of jobs and millions in revenue.

Modeling Approach and Methodology

- **Economic Impact.** This refers to activities that are new to the local economy. In measuring impact of an entity (government, business, organization), researchers calculate the number of jobs and variety of industries, plus business revenue stimulated by the entity's spending. Impact assessments often distinguish among direct, indirect, and induced effects to give a complete picture of obvious and less apparent effects on the economy.
- **Economic Contribution.** This captures an entity or activity's overall presence in the regional economy; it may include existing economic activities.
- **IMPLAN.** This nationally recognized input-output model was used by BEREC to estimate indirect and induced effects of economic activities.
- **Alumni Purchasing Power.** In the absence of a comprehensive alumni survey, BEREC obtained alumni statistics from the MTSU Alumni Office website. BEREC calculated median wages for bachelor's and above degree-holders for each Tennessee county. Total purchasing power of MTSU alumni was calculated by multiplying the median wage for each county by the number of MTSU alumni. Using median wages rather than the mean eliminated the influence of outliers in smaller geographies, and using the mid-point wage kept estimates conservative. BEREC assumes retirees constitute a sizable

BEREC constructed a precise but conservative model that quantifies the impact of alumni activities on the local and state economies.

portion of the alumni population. A comprehensive alumni survey might have revealed the number of alumni receiving retirement income.

Conceptual Framework

In analyzing the economic and fiscal impact and contribution of MTSU alumni to regional economies, BEREC reported business revenue, employment, and personal income associated with alumni spending. BEREC assumed IMPLAN regional purchasing coefficients (RPCs) accurately represented the current situation and that the difference between 100 percent local purchasing and default-model RPCs determined leakages to economies outside Tennessee.

Assessments Covered

- **Alumni Core Impact.** BEREC sought to capture the value an MTSU degree adds to the state and local economies, using median wages earned by educational attainment level multiplied by the number of alumni to calculate the difference between economic contributions of MTSU alumni and those same individuals had they earned only a high school diploma.
- **Alumni Contributions.** BEREC estimated total earnings of MTSU alumni by multiplying the number of alumni by the median income for degree-holders in each area. BEREC assumes income is equal to spending and the area of residence is the primary area of spending activity.
- **Extended Contributions.** The literature suggests employees of alumni-owned businesses are a significant source of extended contributions. BEREC calculations, based on estimated numbers of entrepreneurial alumni and their employees from a 2012 alumni survey, are very conservative.

Migration Patterns and Human Capital Flow

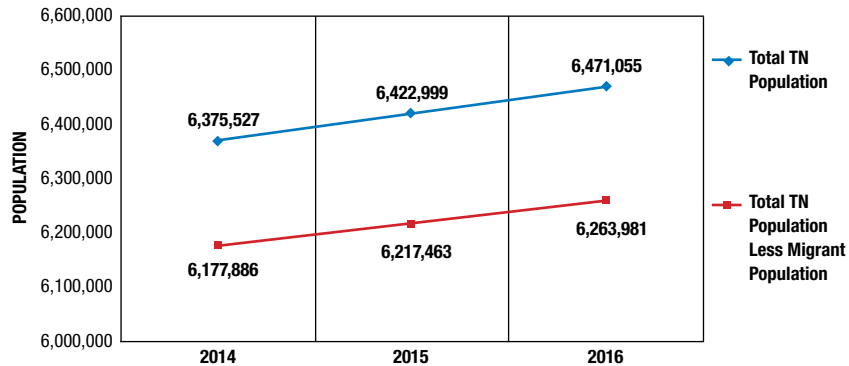
For this study, the term migrants refers to U.S. citizens who have moved across state borders into Tennessee and its metropolitan statistical areas. The rapid economic growth of the Nashville area and its surrounding principal cities has led to an increasing migrant population from other states.

According to the U.S. Census Bureau, the total population of migrants in Tennessee increased from approximately 197,641 in 2014 to 207,074 in 2016. The growing popularity of Tennessee's cities will likely lead to a continually growing gap with more of Tennessee's population consisting of migrants from

out of state. This trend is especially obvious in the Nashville MSA, where the total population increased about 3.73 percent between 2014 and 2016, while gross migration to the Nashville area increased about 14.9 percent.

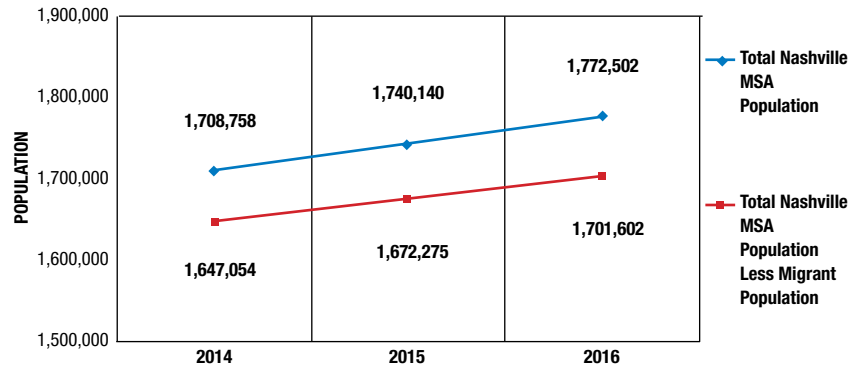
The growing influx of migrants has many effects on Tennessee's economy, including an increase in the competitiveness of the job market as more highly skilled people enter the workforce. In 2016, only 25 percent of Tennesseans held a bachelor's degree or higher in contrast to 36 percent of migrants. It is apparent that migrants, on average, tend to be more educated than Tennessee's residents. This difference in educational attainment has serious implications. If the job market does not increase in tandem with the growing

Migrant Patterns in Tennessee



Source: U.S. Census Bureau

Migrant Patterns in Nashville MSA



Source: U.S. Census Bureau

Regional Human Capital Flow Dynamics (2015–16)

Region	Population of Degree-Holders				MTSU Alumni		Migrants	
	2015	2016	Total Change	Growth Rate	Remaining	% Annual Change Associated	Inflow	% Annual Change Associated
Tennessee	1,092,276	1,122,416	30,140	2.8%	3,866	13%	1,504	5%
Nashville MSA	378,212	394,448	16,236	4.3%	2,721	16%	1,963	12%
Rutherford County	52,413	54,252	1,839	3.5%	1,308	71%	195	11%

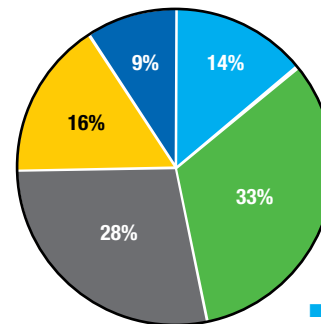
Source: U.S. Census Bureau

competitive population, residents will face difficulty in finding employment, especially in industries seeking skilled labor. An increase in degree-holding applicants will lead employers to be more stringent in their requirements and selective in hiring. Markets favoring employers tend to keep wages low and push candidates into positions for which they are overqualified. However, this competition would allow and attract industries to grow and thrive in Tennessee, particularly those requiring skilled labor, because of a capable and plentiful labor base. Those with the right qualifications will find Tennessee an attractive option for employment. As the competition for educated, skilled workers in the job market increases, so too will the importance of MTSU as it provides a vital learning environment for people from across the state.

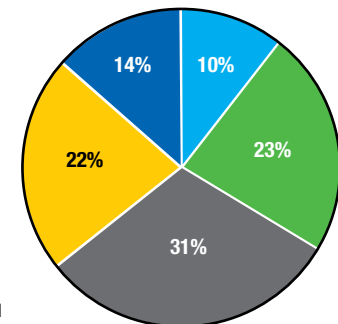
MTSU alumni contribute immensely to degree-holding population growth in Tennessee, the Nashville MSA, and Rutherford County. Alumni account for 71 percent and migrants 11 percent of growth in Rutherford County's degree-holding population, with similar patterns in Tennessee and the Nashville MSA.

Educational Attainment 2016

Tennesseans



Migrants to Tennessee



Source: U.S. Census Bureau

- Less than high school
- High school graduate
- Some college or associate's degree
- Bachelor's
- Graduate or professional degree

Human Capital Formation

For 2016–17, MTSU conferred 4,157 undergraduate and 903 graduate degrees. As of May 2017, nearly 79 percent of the total MTSU alumni population, or 99,530 of the 126,410 alumni globally, lived in Tennessee. The largest portion of alumni, approximately 70,507, lived in the Nashville MSA.

MTSU alumni live in all 50 states. Georgia, with 3,679, has the most outside Tennessee. Alumni tend to reside in larger counties across the U.S. As of 2017, excluding Tennessee, the U.S. had an MTSU alumni population of 26,880. Outside the U.S., MTSU is represented internationally by 1,962 alumni distributed across 123 countries.

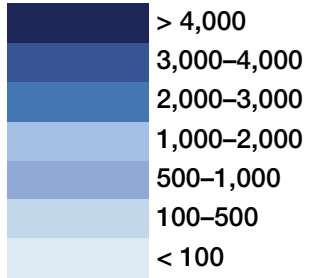
Most graduates stay in the middle Tennessee region—not surprising, since counties in and around the Nashville MSA are some of the fastest-growing and host a plethora of opportunities for recent graduates. Rutherford County has the largest number of MTSU alumni residents, 26,610. Davidson follows closely with 17,078. Williamson, Wilson, and Sumner counties are next with 8,986, 5,596, and 4,363, respectively. Cannon County has the largest proportion of alumni as a percentage of degree-holders at 62.21 percent. Bedford, Rutherford, Coffee, and Moore counties follow with 50.88 percent, 45.82 percent, 41.49 percent, and 39.5 percent, respectively. MTSU alumni account for about 8.4 percent of degree-holders in Tennessee, 46 percent in Rutherford County, and 10 percent in Davidson County.

MTSU Alumni Population per State in 2017

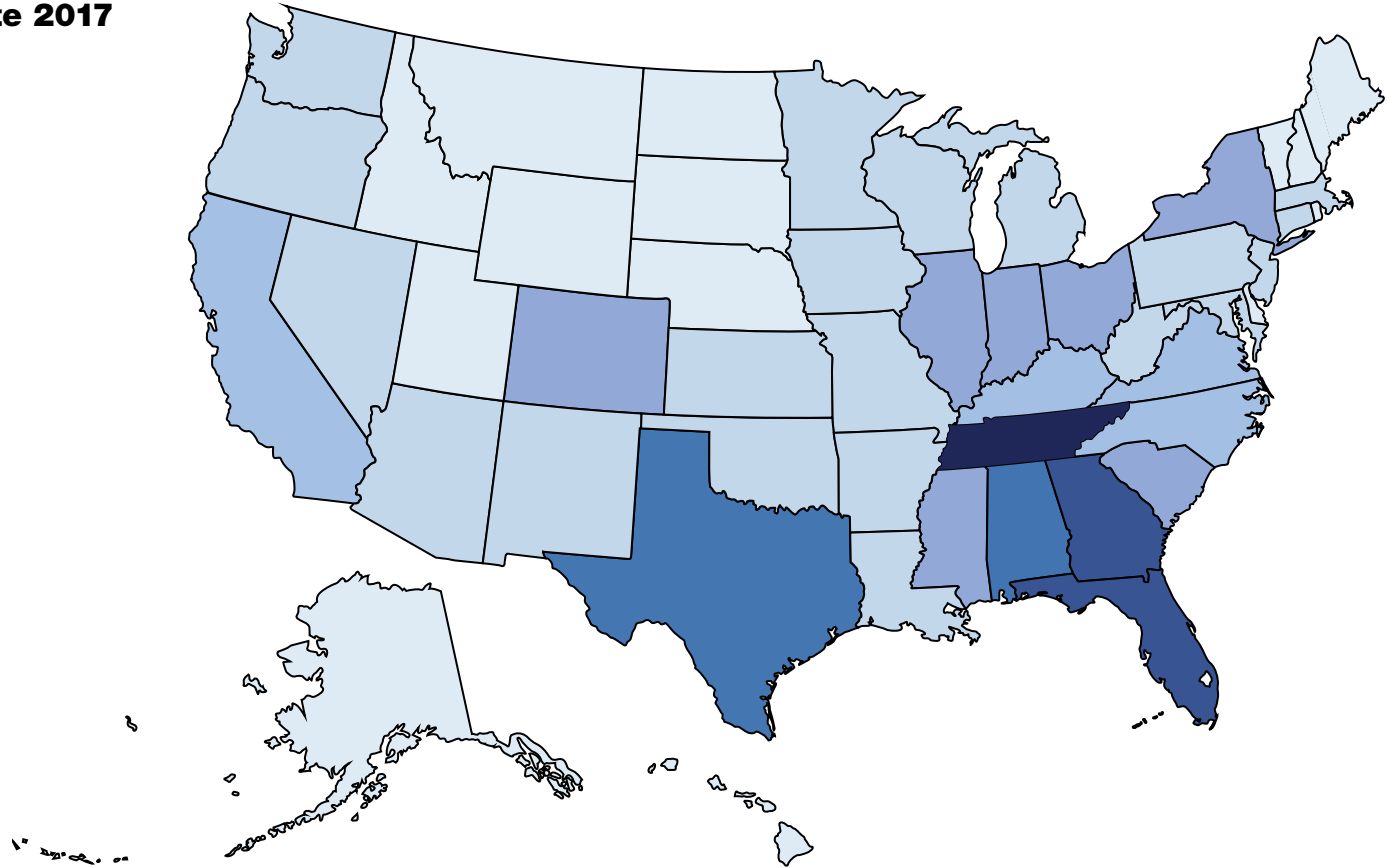
State	MTSU Alumni	State	MTSU Alumni	State	MTSU Alumni	State	MTSU Alumni	State	MTSU Alumni
Alabama	2,175	Hawaii	69	Massachusetts	189	New Mexico	103	South Dakota	33
Alaska	65	Idaho	55	Michigan	423	New York	522	Tennessee	99,530
Arizona	350	Illinois	683	Minnesota	169	North Carolina	1,343	Texas	2,191
Arkansas	366	Indiana	616	Mississippi	575	North Dakota	27	Utah	86
California	1,322	Iowa	136	Missouri	481	Ohio	741	Vermont	26
Colorado	588	Kansas	165	Montana	54	Oklahoma	259	Virginia	1,255
Connecticut	119	Kentucky	1,369	Nebraska	59	Oregon	207	Washington	361
Delaware	49	Louisiana	363	Nevada	190	Pennsylvania	441	West Virginia	131
Florida	3,009	Maine	39	New Hampshire	49	Rhode Island	32	Wisconsin	163
Georgia	3,679	Maryland	470	New Jersey	201	South Carolina	848	Wyoming	34

Source: MTSU Alumni Association

MTSU Alumni by State 2017

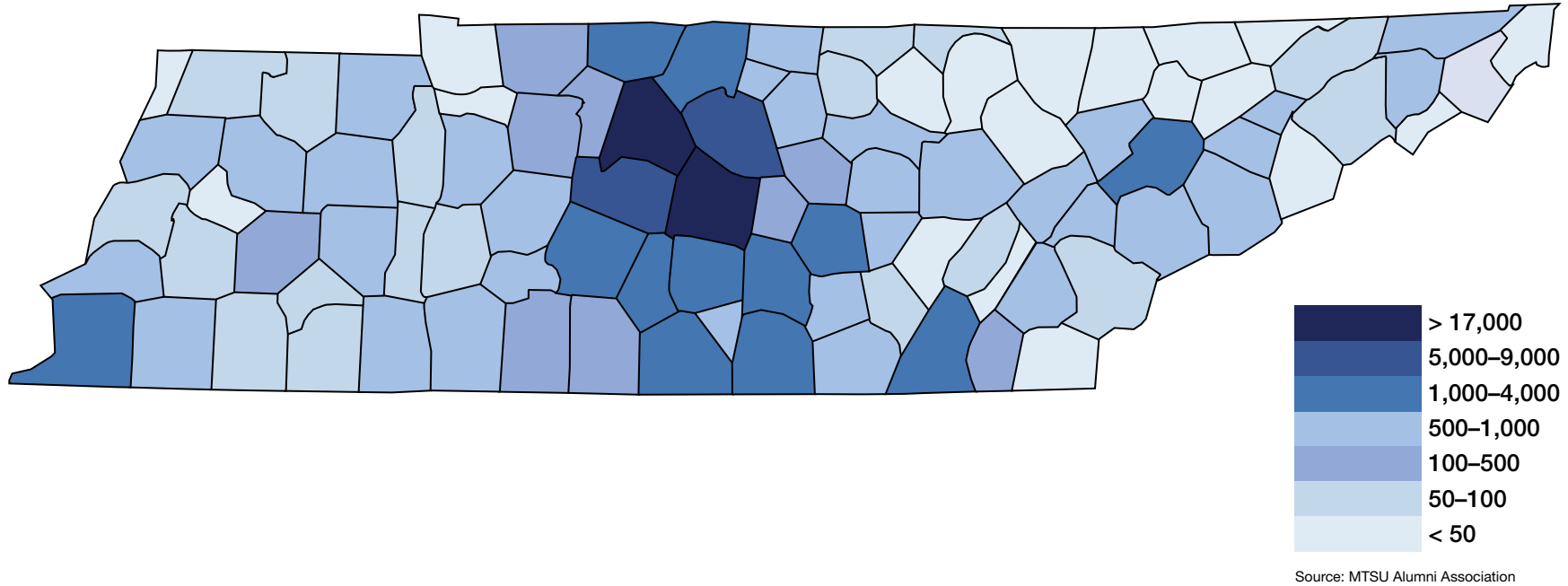


States with high numbers are Georgia, Florida, Texas, Alabama, Kentucky, North Carolina, California, Virginia, South Carolina, and Ohio.



Source: MTSU Alumni Association

MTSU Alumni by County 2017



Rutherford County has the largest number of MTSU alumni residents, with 26,610.

MTSU Alumni as a Percent of the Degree-Holding Population in Each County in 2017

County	Percent	County	Percent	County	Percent	County	Percent	County	Percent
Anderson	2.25%	Decatur	7.62%	Henderson	4.53%	Maury	27.29%	Sequatchie	6.11%
Bedford	50.88%	DeKalb	25.58%	Henry	2.91%	McMinn	3.72%	Sevier	1.85%
Benton	4.44%	Dickson	12.98%	Hickman	19.47%	McNairy	4.61%	Shelby	1.23%
Bledsoe	4.00%	Dyer	2.87%	Houston	3.15%	Meigs	2.95%	Smith	21.78%
Blount	2.40%	Fayette	1.86%	Humphreys	10.05%	Monroe	2.02%	Stewart	3.28%
Bradley	3.35%	Fentress	4.70%	Jackson	6.01%	Montgomery	2.40%	Sullivan	0.92%
Campbell	1.27%	Franklin	29.16%	Jefferson	1.53%	Moore	39.50%	Sumner	14.03%
Cannon	62.21%	Gibson	3.96%	Johnson	1.75%	Morgan	4.99%	Tipton	1.81%
Carroll	3.09%	Giles	24.02%	Knox	1.49%	Obion	1.85%	Trousdale	18.50%
Carter	0.63%	Grainger	1.17%	Lake	0.93%	Overton	2.77%	Unicoi	0.83%
Cheatham	12.35%	Greene	1.28%	Lauderdale	4.08%	Perry	15.01%	Union	1.40%
Chester	3.07%	Grundy	28.86%	Lawrence	27.28%	Pickett	3.92%	Van Buren	10.97%
Claiborne	0.89%	Hamblen	1.72%	Lewis	24.59%	Polk	4.51%	Warren	32.22%
Clay	7.57%	Hamilton	3.28%	Lincoln	28.75%	Putnam	3.48%	Washington	0.82%
Cocke	1.55%	Hancock	0.93%	Loudon	2.08%	Rhea	3.20%	Wayne	16.58%
Coffee	41.49%	Hardeman	3.72%	Macon	13.26%	Roane	3.74%	Weakley	1.15%
Crockett	3.66%	Hardin	6.66%	Madison	3.73%	Robertson	10.76%	White	7.59%
Cumberland	3.46%	Hawkins	0.98%	Marion	12.81%	Rutherford	45.82%	Williamson	11.48%
Davidson	9.19%	Haywood	4.80%	Marshall	37.75%	Scott	2.81%	Wilson	21.99%

Source: MTSU Alumni Association and U.S. Census Bureau

Cannon County has the largest proportion of alumni as a percentage of degree-holders at 62.21 percent.

Economic Impact of MTSU Alumni

Core Impact

In 2017, MTSU alumni with bachelor’s degrees in Tennessee generated over \$3 billion in added business revenue, \$2.16 billion in personal income, \$132 million in local and state taxes, and 110,000 jobs including those held by MTSU alumni. The largest business revenue impact was in the Nashville MSA (\$2.3 billion) and in Davidson, Rutherford, Williamson, Wilson, Sumner, Maury, Shelby, Hamilton, Knox, and Coffee counties.

To model economic impact, BEREC used changes in household income associated with the increased purchasing power a degree provides.

Core Impact 2017 (MTSU Alumni Value-Added Plus Induced)*

Area	Total Business Revenue	Total Personal Income	Total Employment	Total Taxes
Tennessee	\$3,093,982,494	\$2,162,000,296	109,768	\$132,404,284
Nashville MSA	\$2,299,226,908	\$1,599,110,875	78,014	\$111,332,565
Memphis MSA	\$168,695,871	\$113,159,827	4,936	\$4,679,753
Knoxville MSA	\$116,500,401	\$79,749,182	4,047	\$3,220,884
Chattanooga MSA	\$103,449,527	\$70,084,055	3,283	\$2,875,078
Jackson MSA	\$20,290,256	\$14,381,211	845	\$569,499
Clarksville MSA	\$17,032,141	\$12,225,358	825	\$446,246
Cleveland MSA	\$13,880,756	\$10,070,709	626	\$366,713
Johnson City MSA	\$9,773,674	\$6,644,454	348	\$289,921
Kingsport-Bristol MSA	\$8,774,596	\$6,148,185	334	\$242,814
Morristown MSA	\$5,830,519	\$4,293,938	265	\$149,259

* BEREC used only counties within Tennessee for MSAs that include counties outside the state.

Core Impact 2017 (MTSU Alumni Value-Added Plus Induced)*

Counties	Total Business Revenue	Total Personal Income	Total Employment	Total Taxes
Davidson	\$613,711,665	\$415,544,190	19,888	\$16,392,552
Rutherford	\$603,571,767	\$422,984,008	28,880	\$65,716,787
Williamson	\$563,734,480	\$387,050,803	10,654	\$15,242,345
Wilson	\$169,672,175	\$122,627,429	5,640	\$4,668,290
Sumner	\$132,778,456	\$93,354,806	4,410	\$3,608,458
Maury	\$126,365,490	\$89,342,153	4,306	\$3,545,218
Shelby	\$124,930,103	\$81,094,791	2,979	\$3,539,213
Hamilton	\$91,259,571	\$60,820,641	2,713	\$2,568,462
Knox	\$68,662,877	\$44,382,241	2,013	\$2,027,774
Coffee	\$64,881,956	\$46,154,079	3,204	\$1,775,632
Bedford	\$44,921,720	\$33,388,444	2,440	\$1,113,915
Franklin	\$42,999,725	\$32,160,661	1,469	\$1,057,116
Marshall	\$29,114,567	\$22,186,071	1,250	\$710,537
Lincoln	\$26,906,334	\$20,598,809	1,277	\$639,720
Robertson	\$25,121,552	\$19,038,455	1,091	\$628,653
Warren	\$24,633,693	\$18,079,782	1,282	\$622,207
Dickson	\$23,218,172	\$17,188,435	737	\$637,466
Madison	\$19,109,390	\$13,457,046	781	\$541,897
Lawrence	\$17,895,957	\$13,275,005	1,028	\$458,862
Montgomery	\$15,918,187	\$11,313,953	774	\$426,432
All Other Counties	\$264,574,657	\$197,958,494	12,953	\$6,482,748

* 20 counties with highest total business revenue. See Appendix for all counties.

Economic Contributions

The tables show MTSU alumni's total economic contributions for each region. MTSU alumni have a large impact in the Nashville MSA, with 126,747 jobs supported and total business revenue of over \$6.2 billion. The 10 counties with the highest alumni-generated revenue are Rutherford, Davidson, Williamson, Wilson, Sumner, Maury, Shelby, Hamilton, Coffee, and Knox.

Rutherford County stands out with total business revenue of over \$2.1 billion, likely due to the large number of alumni choosing to remain in the county of their alma mater.

Economic Contributions 2017 (MTSU Alumni Contributions Plus Induced)

Area	Total Business Revenue	Total Personal Income	Total Employment	Total Taxes
Tennessee	\$8,340,571,459	\$5,843,220,028	126,747	\$227,323,606
Nashville MSA	\$6,263,459,898	\$4,364,029,197	90,976	\$172,549,764
Memphis MSA	\$275,984,524	\$181,380,138	3,789	\$7,717,359
Knoxville MSA	\$262,840,042	\$179,216,942	4,083	\$7,309,080
Chattanooga MSA	\$256,999,645	\$174,612,096	3,840	\$7,123,694
Jackson MSA	\$56,662,204	\$40,181,944	985	\$1,589,024
Clarksville MSA	\$54,135,525	\$38,740,453	954	\$1,428,715
Cleveland MSA	\$40,097,760	\$29,103,427	723	\$1,058,426
Johnson City MSA	\$24,072,653	\$16,418,762	404	\$710,851
Kingsport-Bristol MSA	\$22,206,206	\$15,551,562	385	\$615,150
Morristown MSA	\$16,084,054	\$11,850,753	297	\$420,420

* BERC used only counties within Tennessee for MSAs that include counties outside the state.

Economic Contributions 2017 (MTSU Alumni Contributions Plus Induced)

Counties	Total Business Revenue	Total Personal Income	Total Employment	Total Taxes
Rutherford	\$2,136,115,029	\$1,496,992,646	33,921	\$61,750,987
Davidson	\$1,595,935,968	\$1,080,608,300	23,173	\$42,628,268
Williamson	\$1,184,713,768	\$813,404,948	12,600	\$32,032,488
Wilson	\$434,382,542	\$313,941,954	6,490	\$11,951,420
Sumner	\$348,895,836	\$245,304,124	5,153	\$9,481,778
Maury	\$306,062,917	\$216,390,725	4,948	\$8,586,679
Shelby	\$259,072,756	\$168,169,644	3,509	\$7,339,414
Hamilton	\$221,435,929	\$147,577,673	3,206	\$6,232,223
Coffee	\$200,981,231	\$142,968,927	3,702	\$5,500,277
Knox	\$170,157,830	\$109,986,447	2,417	\$5,025,153
Bedford	\$137,055,583	\$101,867,708	2,710	\$3,398,538
Franklin	\$95,555,179	\$71,468,310	1,637	\$2,349,152
Marshall	\$77,098,444	\$58,751,056	1,375	\$1,881,576
Lincoln	\$74,579,671	\$57,096,310	1,413	\$1,773,191
Warren	\$74,176,866	\$54,441,759	1,444	\$1,873,587
Robertson	\$71,594,736	\$54,258,317	1,222	\$1,791,618
Lawrence	\$59,700,046	\$44,284,774	1,165	\$1,530,742
Dickson	\$55,808,157	\$41,314,830	852	\$1,532,241
Madison	\$53,093,733	\$37,389,199	915	\$1,505,612
Montgomery	\$51,461,940	\$36,576,901	900	\$1,378,610
All Other Counties	\$732,693,300	\$550,425,476	13,998	\$17,780,052

* 20 counties with highest total business revenue. See Appendix for all counties.

Extended Economic Contributions

Total extended employment, including employees of MTSU alumni, numbered over 130,000, while total business revenue generated by alumni and their employees exceeded \$9 billion. The Nashville MSA remained the center of economic activity with business revenue of over \$6.7 billion. Williamson County surpassed expectations, ranking second among counties with total business revenue of over \$1.3 billion. Memphis, Knoxville, and Chattanooga's total business revenues were also high, in the hundreds of millions of

MTSU alumni contributions are a significant component of Tennessee, middle Tennessee, and individual MSA economies.

dollars. The 10 counties with highest total business revenue generated were Davidson, Williamson, Rutherford, Wilson, Sumner, Maury, Shelby, Coffee, Knox, and Bedford.

Extended Economic Contributions 2017 (MTSU Alumni Extended Contributions Plus Induced)

Area	Total Business Revenue	Total Personal Income	Total Employment	Total Taxes
Tennessee	\$9,022,407,027	\$6,318,470,660	136,778	\$245,783,913
Nashville MSA	\$6,777,862,374	\$4,720,232,226	97,942	\$186,667,075
Memphis MSA	\$295,692,666	\$194,318,634	4,069	\$8,268,977
Knoxville MSA	\$282,256,874	\$192,399,807	4,388	\$7,830,357
Chattanooga MSA	\$164,465,278	\$75,751,113	4,130	\$7,666,291
Jackson MSA	\$59,744,886	\$42,368,590	1,054	\$1,675,437
Clarksville MSA	\$57,495,044	\$41,365,551	1,021	\$1,494,924
Cleveland MSA	\$43,436,174	\$31,339,854	776	\$1,170,593
Johnson City MSA	\$25,770,536	\$17,576,223	434	\$761,040
Kingsport-Bristol MSA	\$23,758,464	\$16,635,407	413	\$658,418
Morristown MSA	\$20,827,381	\$13,806,723	350	\$672,744

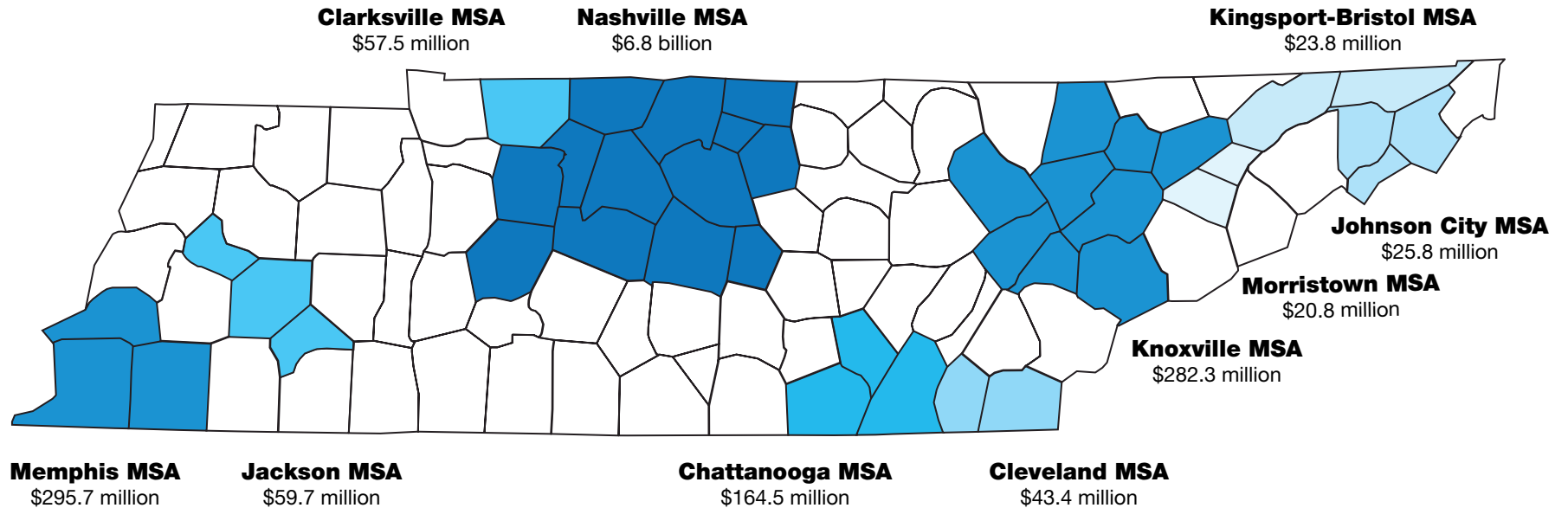
* BEREC used only counties within Tennessee for MSAs that include counties outside the state.

Extended Economic Contributions 2017 (MTSU Alumni Extended Contributions Plus Induced)*

Counties	Total Business Revenue	Total Personal Income	Total Employment	Total Taxes
Davidson	\$1,760,223,747	\$1,191,847,561	25,060	\$47,016,477
Williamson	\$1,312,029,211	\$900,817,633	13,666	\$35,474,864
Rutherford	\$2,273,301,596	\$1,593,133,200	36,390	\$65,716,787
Wilson	\$462,864,937	\$334,527,078	6,963	\$12,735,074
Sumner	\$372,012,108	\$261,556,875	5,529	\$10,109,998
Maury	\$323,493,558	\$228,714,430	5,300	\$9,075,700
Shelby	\$277,677,758	\$180,246,547	3,768	\$7,866,484
Coffee	\$215,428,240	\$153,245,873	3,977	\$5,895,651
Knox	\$183,191,825	\$118,411,347	2,599	\$5,410,077
Bedford	\$146,228,640	\$108,685,659	2,910	\$3,626,000
Hamilton	\$239,082,696	\$159,338,496	3,451	\$6,728,883
Franklin	\$101,307,326	\$75,770,497	1,755	\$2,490,565
Marshall	\$82,274,560	\$62,695,394	1,476	\$2,007,898
Lincoln	\$79,587,040	\$60,929,825	1,517	\$1,892,246
Warren	\$78,939,908	\$57,937,571	1,549	\$1,993,893
Lawrence	\$63,351,782	\$46,993,588	1,249	\$1,624,374
Dickson	\$58,751,873	\$43,494,067	912	\$1,613,063
Madison	\$55,975,065	\$39,418,265	979	\$1,587,319
Montgomery	\$55,064,110	\$39,137,166	966	\$1,475,110
Cheatham	\$47,400,080	\$37,076,277	842	\$1,043,395
All Other Counties	\$834,220,969	\$624,493,313	15,921	\$20,400,055

* 20 counties with highest total business revenue. See Appendix for all counties.

2017 Extended Total Business Revenue Generated by MTSU Alumni in Tennessee MSAs



The extended total revenue generated by MTSU alumni in Tennessee exceeds \$9 billion.

Conclusion and Future Directions

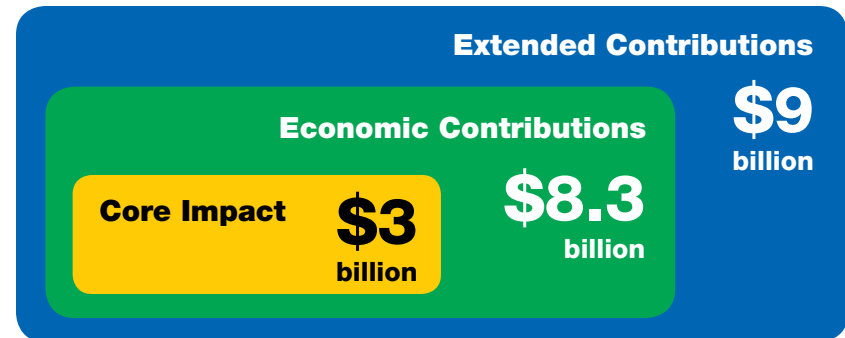
Several clear trends are visible. One is the concentration of MTSU alumni in counties surrounding major cities. Most of the top contributing counties are in Tennessee's largest MSAs. The total business revenue of the top 20 counties accounts for 76 percent of the state's total business revenue. Rutherford County, with the highest total extended business revenue, accounted for nearly 26 percent of MTSU alumni-generated business revenue in Tennessee. The MSAs combined represent 86 percent of the total business revenue for the state in terms of extended contributions. In 2017, the business revenue of alumni (including that generated by alumni owning a business) accounted for 1.4 percent of Tennessee's total business revenue of \$655 billion, 3.04 percent of the Nashville MSA's total business revenue of \$223 billion, and 5.8 percent of Rutherford County's total business revenue of \$41 billion.

What is the total impact of MTSU alumni? This report has shown the necessity of a college education for the increasingly competitive Tennessee job market. The monetary value of a college degree from MTSU was established by showing the earning potential of MTSU alumni to be substantially higher than that of those with only a high school diploma. MTSU alumni contribute immensely to the state and local economies through spending and business ownership. BEREC examined the impact of the value of a degree from MTSU, the spending of alumni, and that of alumni plus their employees under three different lenses in this report with the extended total revenue generated by MTSU alumni exceeding \$9 billion. This estimate is very conservative. When measuring MTSU alumni's entrepreneurial activities, this project relied on data from a 2012 MTSU alumni survey of MTSU alumni

who are self-employed. To capture the impact of current MTSU alumni entrepreneurs, a new comprehensive survey would be necessary to measure both the current number of MTSU alumni who operate their own businesses and the number of people those businesses employ.

This report quantifies overall economic contributions to local economies across Tennessee but is far from complete without a strategic assessment of MTSU graduates' role in Tennessee's occupational clusters and broader industrial clusters. A comprehensive assessment of MTSU alumni's role in Tennessee's occupational and industrial clusters through a survey may reveal the extent of the strategic fit between the programs and preparation that MTSU offers and the needs of major and developing industries.

MTSU Alumni Impact in Tennessee in 2017



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MIDDLE TENNESSEE STATE UNIVERSITY
MURFREESBORO
AGRICULTURE
COMMERCE

EDUCATION IS THE KEY TO UNLOCK THE GOLDEN DOOR OF FREEDOM.
THERE ARE SOME THINGS YOU LEARN BEST IN CALM AND SOME IN CHAOS.
SOME OF THE BEST THINGS YOU LEARN ARE NOT ATTAINED IN THE CLASSROOM.
SOME OF THE BEST THINGS YOU LEARN ARE NOT ATTAINED IN THE CLASSROOM.
SOME OF THE BEST THINGS YOU LEARN ARE NOT ATTAINED IN THE CLASSROOM.

A MAN MAY DIE, A NATION MAY LIVE.

THE FUNCTION OF EDUCATION IS TO TEACH ONE TO THINK INTENSELY AND TO THINK CRITICALLY.
INTELLIGENCE PLUS CHARACTER, THAT IS THE GOAL OF TRUE EDUCATION.
NOT SIMPLY GOOD, BE GOOD FOR SOMETHING.

Appendix

MTSU Alumni Value-Added Data by County 2017

Counties	Employment	Personal Income	Business Revenue	Taxes
Anderson	337	\$5,424,664	\$7,363,268	\$173,454
Bedford	2,440	\$33,388,444	\$44,921,720	\$1,113,915
Benton	71	\$884,817	\$1,162,617	\$28,624
Bledsoe	48	\$744,675	\$899,028	\$14,381
Blount	533	\$9,020,002	\$12,209,481	\$326,980
Bradley	555	\$8,941,475	\$12,473,188	\$337,801
Campbell	40	\$710,153	\$947,191	\$21,789
Cannon	612	\$5,101,668	\$6,433,214	\$128,606
Carroll	106	\$988,540	\$1,315,738	\$29,910
Carter	41	\$434,395	\$557,440	\$13,028
Cheatham	714	\$11,863,066	\$15,166,309	\$333,849
Chester	64	\$924,165	\$1,180,866	\$27,602
Claiborne	36	\$570,191	\$748,905	\$17,252
Clay	53	\$1,032,126	\$1,351,684	\$32,367
Cocke	44	\$469,303	\$618,548	\$14,203
Coffee	3,204	\$46,154,079	\$64,881,956	\$1,775,632
Crockett	39	\$501,675	\$641,831	\$12,674
Cumberland	361	\$4,949,550	\$6,971,590	\$205,895
Davidson	19,888	\$415,544,190	\$613,711,665	\$16,392,552
Decatur	74	\$1,454,717	\$1,868,181	\$41,093
DeKalb	562	\$4,724,404	\$6,281,407	\$134,608
Dickson	737	\$17,188,435	\$23,218,172	\$637,466
Dyer	147	\$2,975,970	\$4,093,879	\$109,169
Fayette	133	\$2,860,091	\$3,665,062	\$79,320

Counties	Employment	Personal Income	Business Revenue	Taxes
Fentress	79	\$1,581,415	\$2,178,876	\$59,631
Franklin	1,469	\$32,160,661	\$42,999,725	\$1,057,116
Gibson	230	\$2,495,430	\$3,414,618	\$92,844
Giles	695	\$9,460,613	\$12,646,201	\$305,264
Grainger	25	\$189,373	\$236,669	\$4,607
Greene	101	\$1,294,923	\$1,723,242	\$40,763
Grundy	280	\$4,593,773	\$5,930,119	\$129,402
Hamblen	121	\$2,034,457	\$2,868,348	\$78,265
Hamilton	2,713	\$60,820,641	\$91,259,571	\$2,568,462
Hancock	7	\$19,307	\$23,338	\$382
Hardeman	88	\$1,448,938	\$1,885,490	\$39,399
Hardin	167	\$2,706,482	\$3,668,073	\$94,933
Hawkins	58	\$1,014,244	\$1,308,189	\$28,120
Haywood	103	\$1,344,334	\$1,773,490	\$43,501
Henderson	140	\$3,064,754	\$4,069,162	\$102,853
Henry	123	\$2,940,666	\$4,038,151	\$107,231
Hickman	453	\$7,503,124	\$9,654,580	\$196,291
Houston	18	\$176,268	\$217,446	\$4,359
Humphreys	182	\$4,346,516	\$5,578,225	\$127,496
Jackson	43	\$310,542	\$399,955	\$8,106
Jefferson	119	\$2,070,108	\$2,725,502	\$66,387
Johnson	17	\$291,120	\$371,380	\$8,050
Knox	2,013	\$44,382,241	\$68,662,877	\$2,027,774
Lake	5	\$53,498	\$67,076	\$1,273

Counties	Employment	Personal Income	Business Revenue	Taxes
Lauderdale	72	\$1,015,915	\$1,327,966	\$29,535
Lawrence	1,028	\$13,275,005	\$17,895,957	\$458,862
Lewis	283	\$3,668,747	\$4,886,123	\$122,433
Lincoln	1,277	\$20,598,809	\$26,906,334	\$639,720
Loudon	235	\$4,096,273	\$5,526,719	\$136,711
Macon	189	\$2,845,485	\$3,808,654	\$98,162
Madison	781	\$13,457,046	\$19,109,390	\$541,897
Marion	492	\$8,858,719	\$11,660,429	\$294,099
Marshall	1,250	\$22,186,071	\$29,114,567	\$710,537
Maury	4,306	\$89,342,153	\$126,365,490	\$3,545,218
McMinn	209	\$3,378,679	\$4,516,305	\$110,100
McNairy	106	\$1,828,874	\$2,409,318	\$55,787
Meigs	49	\$770,849	\$938,995	\$16,007
Monroe	91	\$1,185,914	\$1,593,196	\$40,000
Montgomery	774	\$11,313,953	\$15,918,187	\$426,432
Moore	176	\$439,663	\$519,468	\$4,042
Morgan	75	\$1,280,399	\$1,581,810	\$26,591
Obion	84	\$1,346,832	\$1,868,053	\$51,583
Overton	66	\$1,329,429	\$1,805,039	\$44,282
Perry	93	\$1,862,123	\$2,451,993	\$58,033
Pickett	12	\$458,189	\$577,619	\$13,180
Polk	71	\$1,129,234	\$1,407,568	\$28,912
Putnam	511	\$9,483,215	\$13,573,655	\$401,590
Rhea	99	\$1,095,851	\$1,430,279	\$33,331

Counties	Employment	Personal Income	Business Revenue	Taxes
Roane	227	\$5,356,702	\$7,045,606	\$162,558
Robertson	1,091	\$19,038,455	\$25,121,552	\$628,653
Rutherford	28,880	\$422,984,008	\$603,571,767	\$65,716,787
Scott	42	\$466,707	\$623,980	\$14,284
Sequatchie	78	\$404,695	\$529,527	\$12,517
Sevier	260	\$4,306,154	\$6,208,844	\$171,909
Shelby	2,979	\$81,094,791	\$124,930,103	\$3,539,213
Smith	299	\$3,802,576	\$4,880,697	\$112,022
Stewart	51	\$911,405	\$1,113,954	\$19,814
Sullivan	276	\$5,133,941	\$7,466,407	\$214,694
Sumner	4,410	\$93,354,806	\$132,778,456	\$3,608,458
Tipton	122	\$2,193,266	\$2,804,528	\$64,980
Trousdale	140	\$864,677	\$1,109,697	\$23,866
Unicoi	17	\$306,472	\$376,771	\$6,765
Union	18	\$409,353	\$505,538	\$9,656
Van Buren	109	\$1,655,905	\$1,931,392	\$27,490
Warren	1,282	\$18,079,782	\$24,633,693	\$622,207
Washington	290	\$5,903,587	\$8,839,463	\$270,128
Wayne	233	\$2,655,458	\$3,286,987	\$67,677
Weakley	56	\$634,917	\$852,167	\$20,511
White	202	\$3,362,757	\$4,388,353	\$97,737
Williamson	10,654	\$387,050,803	\$563,734,480	\$15,242,345
Wilson	5,640	\$122,627,429	\$169,672,175	\$4,668,290

MTSU Alumni Economic Contributions by County 2017

Counties	Employment	Personal Income	Business Revenue	Taxes
Anderson	383	\$15,870,368	\$21,541,938	\$507,457
Bedford	2,710	\$101,867,708	\$137,055,583	\$3,398,538
Benton	79	\$2,788,907	\$3,664,523	\$90,220
Bledsoe	50	\$1,831,816	\$2,211,507	\$35,374
Blount	605	\$24,606,894	\$33,307,912	\$892,012
Bradley	646	\$25,729,918	\$35,892,747	\$972,051
Campbell	44	\$1,786,080	\$2,382,244	\$54,802
Cannon	655	\$20,313,573	\$25,615,459	\$512,078
Carroll	120	\$4,188,383	\$5,574,701	\$126,725
Carter	45	\$1,513,543	\$1,942,262	\$45,392
Cheatham	784	\$34,848,744	\$44,552,296	\$980,708
Chester	70	\$2,792,745	\$3,568,471	\$83,412
Claiborne	40	\$1,544,703	\$2,028,857	\$46,736
Clay	57	\$2,221,926	\$2,909,859	\$69,680
Cocke	48	\$1,521,760	\$2,005,702	\$46,054
Coffee	3,702	\$142,968,927	\$200,981,231	\$5,500,277
Crockett	42	\$1,691,309	\$2,163,822	\$42,729
Cumberland	411	\$15,015,696	\$21,150,061	\$624,637
Davidson	23,173	\$1,080,608,300	\$1,595,935,968	\$42,628,268
Decatur	80	\$3,496,946	\$4,490,858	\$98,783
DeKalb	628	\$22,828,136	\$30,351,510	\$650,420
Dickson	852	\$41,314,830	\$55,808,157	\$1,532,241
Dyer	168	\$7,173,238	\$9,867,832	\$263,138
Fayette	145	\$7,097,106	\$9,094,581	\$196,825

Counties	Employment	Personal Income	Business Revenue	Taxes
Fentress	86	\$3,290,663	\$4,533,881	\$124,081
Franklin	1,637	\$71,468,310	\$95,555,179	\$2,349,152
Gibson	259	\$9,097,350	\$12,448,346	\$338,473
Giles	778	\$30,179,999	\$40,342,241	\$973,814
Grainger	26	\$864,877	\$1,080,885	\$21,041
Greene	114	\$4,146,015	\$5,517,382	\$130,511
Grundy	297	\$10,578,958	\$13,656,418	\$297,999
Hamblen	140	\$5,779,893	\$8,148,977	\$222,348
Hamilton	3,206	\$147,577,673	\$221,435,929	\$6,232,223
Hancock	7	\$198,479	\$239,926	\$3,921
Hardeman	96	\$3,944,867	\$5,133,418	\$112,558
Hardin	187	\$7,419,264	\$10,055,269	\$260,237
Hawkins	63	\$2,497,073	\$3,220,767	\$69,232
Haywood	113	\$4,248,111	\$5,604,251	\$137,467
Henderson	154	\$6,663,783	\$8,847,696	\$223,636
Henry	137	\$6,275,040	\$8,616,946	\$228,819
Hickman	483	\$18,906,520	\$23,716,448	\$452,123
Houston	19	\$619,096	\$763,725	\$15,308
Humphreys	198	\$8,840,435	\$11,345,624	\$259,318
Jackson	45	\$1,432,701	\$1,845,214	\$37,400
Jefferson	131	\$5,205,983	\$6,854,193	\$177,031
Johnson	18	\$607,650	\$775,174	\$16,802
Knox	2,417	\$109,986,447	\$170,157,830	\$5,025,153
Lake	6	\$195,034	\$244,533	\$4,641

Counties	Employment	Personal Income	Business Revenue	Taxes
Lauderdale	79	\$3,044,583	\$3,979,764	\$88,513
Lawrence	1,165	\$44,284,774	\$59,700,046	\$1,530,742
Lewis	310	\$11,012,623	\$14,687,006	\$369,539
Lincoln	1,413	\$57,096,310	\$74,579,671	\$1,773,191
Loudon	262	\$10,780,522	\$14,545,154	\$359,791
Macon	209	\$8,311,087	\$11,124,309	\$286,712
Madison	915	\$37,389,199	\$53,093,733	\$1,505,612
Marion	549	\$24,373,749	\$32,082,335	\$809,180
Marshall	1,375	\$58,751,056	\$77,098,444	\$1,881,576
Mauzy	4,948	\$216,390,725	\$306,062,917	\$8,586,679
McMinn	235	\$9,291,142	\$12,419,538	\$302,766
McNairy	117	\$4,652,280	\$6,128,812	\$141,910
Meigs	52	\$2,300,393	\$2,802,182	\$47,767
Monroe	102	\$3,831,514	\$5,147,381	\$129,235
Montgomery	900	\$36,576,901	\$51,461,940	\$1,378,610
Moore	183	\$6,189,778	\$7,313,310	\$56,898
Morgan	78	\$3,192,291	\$3,943,768	\$66,299
Obion	95	\$3,643,046	\$5,052,898	\$139,528
Overton	73	\$3,207,412	\$4,354,880	\$106,835
Perry	100	\$3,869,347	\$5,095,050	\$120,588
Pickett	13	\$713,893	\$899,973	\$20,536
Polk	77	\$3,373,509	\$4,205,013	\$86,375
Putnam	591	\$23,433,103	\$33,540,615	\$992,333
Rhea	110	\$3,893,469	\$5,081,666	\$126,476

Counties	Employment	Personal Income	Business Revenue	Taxes
Roane	249	\$11,215,322	\$14,751,377	\$360,961
Robertson	1,222	\$54,258,317	\$71,594,736	\$1,791,618
Rutherford	33,921	\$1,496,992,646	\$2,136,115,029	\$61,750,987
Scott	46	\$1,557,025	\$2,081,717	\$47,658
Sequatchie	85	\$2,660,674	\$3,481,381	\$82,291
Sevier	294	\$11,331,631	\$16,338,554	\$452,377
Shelby	3,509	\$168,169,644	\$259,072,756	\$7,339,414
Smith	333	\$14,141,576	\$18,151,051	\$416,606
Stewart	54	\$2,163,552	\$2,673,585	\$50,105
Sullivan	322	\$13,054,489	\$18,985,439	\$545,918
Sumner	5,153	\$245,304,124	\$348,895,836	\$9,481,778
Tipton	135	\$6,113,388	\$7,817,187	\$181,120
Trousdale	152	\$5,291,852	\$6,791,384	\$146,058
Unicoi	18	\$698,883	\$859,192	\$15,427
Union	19	\$914,141	\$1,128,935	\$21,564
Van Buren	112	\$4,130,481	\$4,817,654	\$68,572
Warren	1,444	\$54,441,759	\$74,176,866	\$1,873,587
Washington	341	\$14,206,336	\$21,271,199	\$650,032
Wayne	249	\$9,096,452	\$11,259,795	\$231,831
Weakley	63	\$2,219,471	\$2,978,908	\$71,700
White	220	\$8,533,248	\$11,135,774	\$248,015
Williamson	12,600	\$813,404,948	\$1,184,713,768	\$32,032,488
Wilson	6,490	\$313,941,954	\$434,382,542	\$11,951,420

MTSU Alumni Extended Economic Contributions by County 2017

Counties	Employment	Personal Income	Business Revenue	Taxes
Anderson	411	\$16,993,737	\$23,066,764	\$543,376
Bedford	2,910	\$108,685,659	\$146,228,640	\$3,626,000
Benton	85	\$2,983,022	\$3,919,582	\$96,499
Bledsoe	54	\$1,907,123	\$2,302,423	\$36,828
Blount	650	\$26,362,403	\$35,684,170	\$955,650
Bradley	694	\$27,555,549	\$38,439,469	\$1,041,022
Campbell	47	\$1,888,200	\$2,518,450	\$57,935
Cannon	704	\$21,942,667	\$27,669,751	\$553,145
Carroll	129	\$4,503,249	\$5,993,786	\$136,252
Carter	48	\$1,620,415	\$2,079,405	\$48,597
Cheatham	842	\$37,076,277	\$47,400,080	\$1,043,395
Chester	75	\$2,950,325	\$3,769,821	\$88,118
Claiborne	43	\$1,637,898	\$2,151,261	\$49,555
Clay	61	\$2,349,974	\$3,077,553	\$73,694
Cocke	51	\$1,628,768	\$2,146,739	\$49,292
Coffee	3,977	\$153,245,873	\$215,428,240	\$5,895,651
Crockett	45	\$1,807,659	\$2,312,677	\$45,669
Cumberland	441	\$16,064,594	\$22,627,466	\$668,270
Davidson	25,060	\$1,191,847,561	\$1,760,223,747	\$47,016,477
Decatur	86	\$3,695,799	\$4,746,230	\$104,401
DeKalb	675	\$24,444,723	\$32,500,868	\$696,480
Dickson	912	\$43,494,067	\$58,751,873	\$1,613,063
Dyer	180	\$7,638,784	\$10,508,258	\$280,216
Fayette	156	\$7,614,674	\$9,757,817	\$211,180

Counties	Employment	Personal Income	Business Revenue	Taxes
Fentress	92	\$3,478,096	\$4,792,127	\$131,149
Franklin	1,755	\$75,770,497	\$101,307,326	\$2,490,565
Gibson	279	\$9,800,008	\$13,409,826	\$364,615
Giles	835	\$32,299,987	\$43,176,073	\$1,042,221
Grainger	28	\$923,759	\$1,154,473	\$22,474
Greene	123	\$4,465,439	\$5,942,462	\$140,567
Grundy	319	\$11,214,219	\$14,476,479	\$315,894
Hamblen	182	\$7,362,825	\$12,405,097	\$473,239
Hamilton	3,451	\$159,338,496	\$239,082,696	\$6,728,883
Hancock	8	\$211,932	\$256,188	\$4,187
Hardeman	103	\$4,139,398	\$5,386,560	\$112,558
Hardin	186	\$7,407,396	\$8,958,611	\$153,142
Hawkins	68	\$2,642,981	\$3,408,961	\$73,278
Haywood	121	\$4,494,294	\$5,929,023	\$145,433
Henderson	165	\$7,031,491	\$9,335,913	\$235,976
Henry	147	\$6,657,197	\$9,141,727	\$242,755
Hickman	521	\$20,042,786	\$25,789,882	\$524,344
Houston	20	\$662,909	\$817,773	\$16,391
Humphreys	212	\$9,339,469	\$11,971,290	\$272,426
Jackson	49	\$1,528,010	\$1,967,964	\$39,888
Jefferson	140	\$5,520,139	\$7,267,811	\$177,031
Johnson	19	\$649,250	\$828,243	\$17,953
Knox	2,599	\$118,411,347	\$183,191,825	\$5,410,077
Lake	6	\$204,789	\$256,764	\$4,873

Counties	Employment	Personal Income	Business Revenue	Taxes
Lauderdale	84	\$3,200,753	\$4,183,904	\$93,054
Lawrence	1,249	\$46,993,588	\$63,351,782	\$1,624,374
Lewis	333	\$11,713,330	\$15,621,505	\$393,051
Lincoln	1,517	\$60,929,825	\$79,587,040	\$1,892,246
Loudon	281	\$11,616,942	\$15,673,658	\$387,705
Macon	225	\$8,827,019	\$11,814,880	\$304,510
Madison	979	\$39,418,265	\$55,975,065	\$1,587,319
Marion	588	\$25,551,984	\$33,633,205	\$848,295
Marshall	1,476	\$62,695,394	\$82,274,560	\$2,007,898
Maury	5,300	\$228,714,430	\$323,493,558	\$9,075,700
McMinn	252	\$9,869,090	\$13,192,085	\$321,599
McNairy	125	\$4,972,165	\$6,550,220	\$151,667
Meigs	55	\$2,414,190	\$2,940,801	\$50,130
Monroe	109	\$4,064,598	\$5,460,514	\$137,096
Montgomery	966	\$39,137,166	\$55,064,110	\$1,475,110
Moore	197	\$6,710,131	\$7,928,114	\$61,681
Morgan	84	\$3,354,678	\$4,144,381	\$69,671
Obion	102	\$3,899,093	\$5,408,033	\$149,335
Overton	78	\$3,367,387	\$4,572,088	\$112,162
Perry	105	\$3,992,519	\$5,028,680	\$101,940
Pickett	14	\$748,651	\$943,791	\$21,536
Polk	83	\$3,550,557	\$4,425,699	\$90,907
Putnam	634	\$25,035,271	\$35,833,853	\$1,060,181
Rhea	118	\$4,158,309	\$5,427,330	\$126,476

Counties	Employment	Personal Income	Business Revenue	Taxes
Roane	267	\$11,894,548	\$15,644,755	\$360,961
Robertson	1,311	\$57,582,215	\$75,980,674	\$1,901,373
Rutherford	36,390	\$1,593,133,200	\$2,273,301,596	\$65,716,787
Scott	49	\$1,648,562	\$2,204,101	\$50,459
Sequatchie	92	\$2,881,244	\$3,769,988	\$89,113
Sevier	316	\$12,124,722	\$17,482,076	\$484,037
Shelby	3,768	\$180,246,547	\$277,677,758	\$7,866,484
Smith	358	\$14,970,466	\$19,214,951	\$441,024
Stewart	55	\$2,228,385	\$2,430,934	\$19,814
Sullivan	345	\$13,992,427	\$20,349,504	\$585,140
Sumner	5,529	\$261,556,875	\$372,012,108	\$10,109,998
Tipton	145	\$6,457,413	\$8,257,091	\$191,313
Trousdale	164	\$5,699,954	\$7,315,128	\$157,321
Unicoi	19	\$744,837	\$915,688	\$16,442
Union	20	\$954,193	\$1,178,398	\$22,508
Van Buren	121	\$4,357,810	\$5,082,804	\$72,345
Warren	1,549	\$57,937,571	\$78,939,908	\$1,993,893
Washington	367	\$15,210,971	\$22,775,443	\$696,001
Wayne	267	\$9,604,171	\$11,888,262	\$244,771
Weakley	67	\$2,374,052	\$3,186,381	\$76,692
White	236	\$9,054,740	\$11,816,314	\$263,172
Williamson	13,666	\$900,817,633	\$1,312,029,211	\$35,474,864
Wilson	6,963	\$334,527,078	\$462,864,937	\$12,735,074

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