

# TEXAS ELECTRICAL EQUIPMENT, APPLIANCE AND COMPONENT MANUFACTURING

The Comptroller's office identified 18 manufacturing subsectors within the Texas economy. This manufacturing subsector is trade intensive and invests heavily in research and development (R&D). It includes the manufacturing of electric transformers and switchboards, communication wires such as fiber-optic cables, as well as household appliances and lighting fixtures.

**45,000**  
DIRECT & INDIRECT EMPLOYMENT

**\$2.5 Billion**  
STATE SUBSECTOR GDP

**\$71,000**  
AVERAGE ANNUAL WAGE

**\$11.7 Billion**  
EXPORTS

Sources: U.S. Bureau of Economic Analysis, Regional Economic Models, Inc., Emsi, U.S. Department of Commerce International Trade Administration

## INDUSTRIES IN THE ELECTRICAL EQUIPMENT, APPLIANCE AND COMPONENT MANUFACTURING SUBSECTOR

All four industries in electrical equipment, appliance and component manufacturing are considered "advanced industries," as defined by the Brookings

Institution. Such industries have two distinguishing criteria: R&D spending per worker ranks in the top 20 percent of industries, and their share of workers with high levels of scientific and technical knowledge exceeds the national average.

SUBSECTOR TOTALS	JOBS 2016	JOB CHANGE 2010-2016	AVERAGE TEXAS WAGES 2016
<b>SUBSECTOR TOTALS</b>	<b>19,023</b>	<b>12.3%</b>	<b>\$70,750</b>
ELECTRIC LIGHTING EQUIPMENT	2,198	17.9%	\$66,559
HOUSEHOLD APPLIANCE	1,562	-9.8%	\$80,091
ELECTRICAL EQUIPMENT	9,028	16.7%	\$71,380
OTHER ELECTRICAL EQUIPMENT AND COMPONENTS	6,235	11.1%	\$68,975

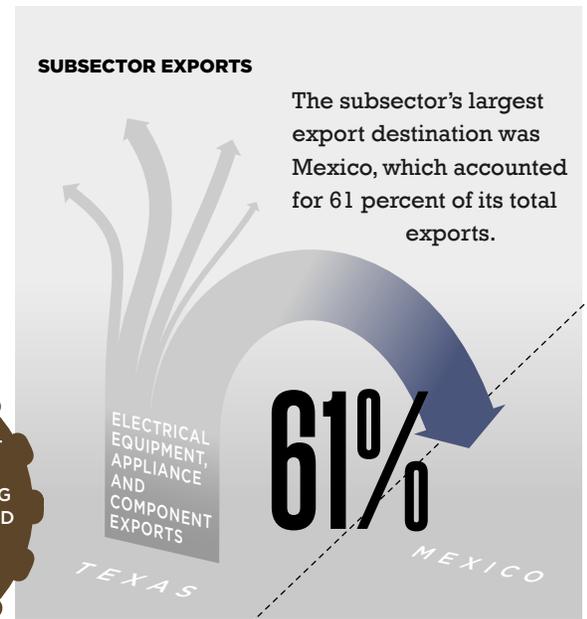
Source: Emsi

IN 2016, THIS SUBSECTOR ACCOUNTED FOR JUST 2.2 PERCENT OF ALL TEXAS MANUFACTURING JOBS, BUT CONTRIBUTED 5.6 PERCENT OF THE STATE'S MANUFACTURING EXPORTS.

Sources: Emsi, U.S. Department of Commerce International Trade Administration

### SUBSECTOR EXPORTS

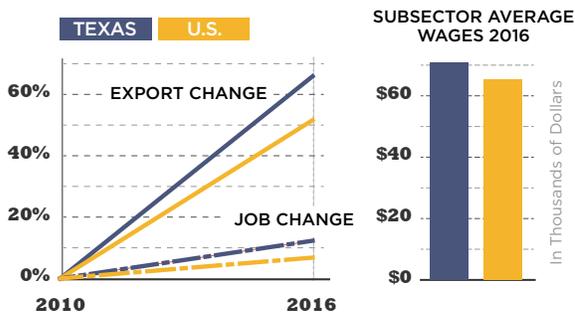
The subsector's largest export destination was Mexico, which accounted for 61 percent of its total exports.



Source: U.S. Department of Commerce International Trade Administration

## TEXAS SUBSECTOR OUTPERFORMS NATIONAL TRENDS

This Texas subsector pays higher average wages than the national average, and its job growth and export activity have outpaced U.S. averages since 2010.



Sources: Emsi, U.S. Department of Commerce International Trade Administration

## CONCLUSION

Manufacturing continues to drive output and productivity in the Texas economy, creating jobs paying well above the statewide average. It also contributes significantly to job creation in other industries, particularly in services.

The electrical equipment, appliance and component subsector consists of several innovative and "advanced" industries that offer above-average wages. The subsector did lose a significant number of jobs in the 2000s, yet one study estimates that nearly 90 percent of those losses were due to productivity gains. Since 2010, the subsector in Texas has experienced healthier job growth than the U.S. as a whole.

To see more in-depth Texas manufacturing data, visit:

[comptroller.texas.gov/economy/economic-data/manufacturing/](http://comptroller.texas.gov/economy/economic-data/manufacturing/)

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