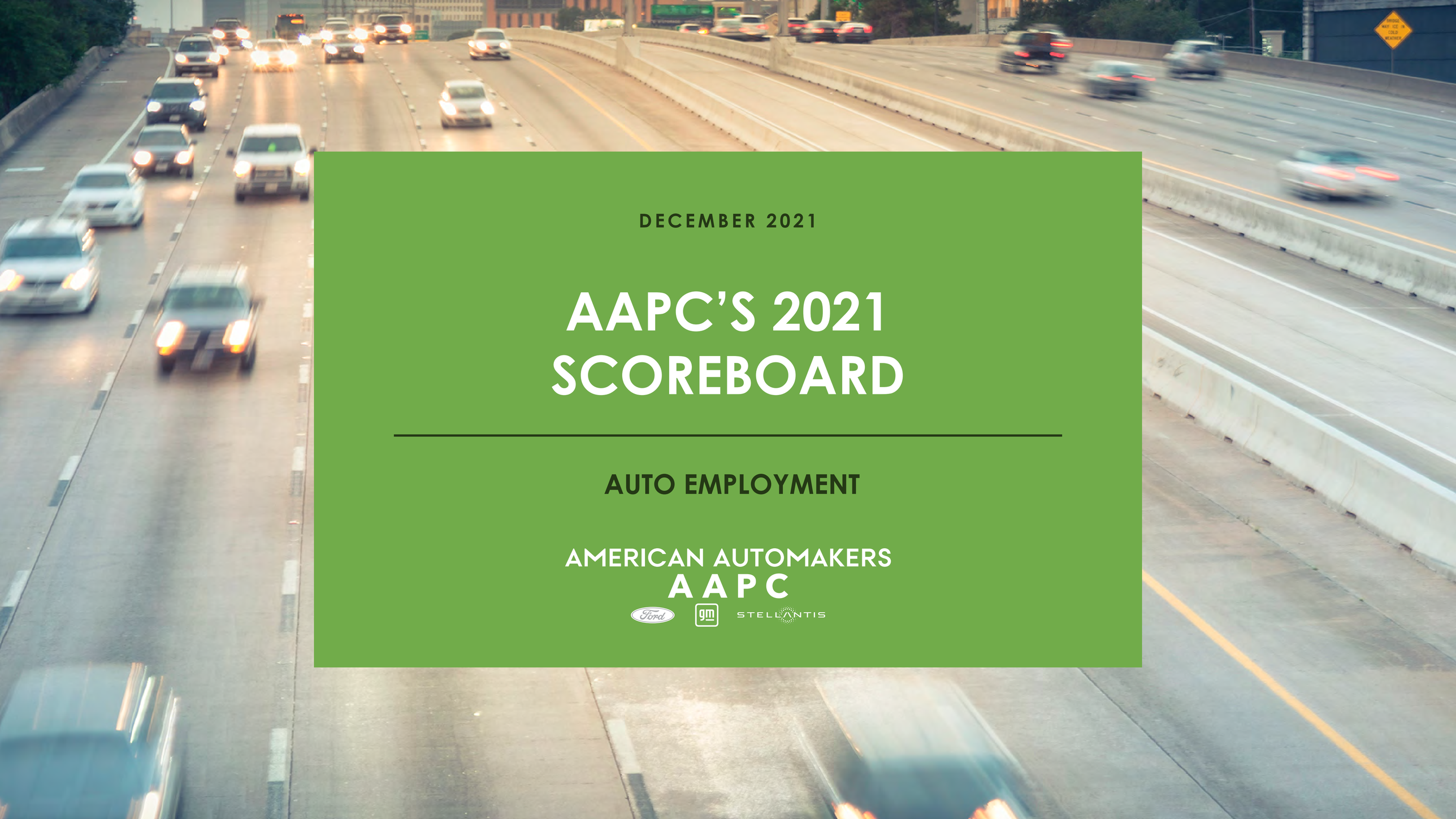

DECEMBER 2021

AAPC'S 2021 SCOREBOARD

AUTO EMPLOYMENT

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WHY FORD, GENERAL MOTORS, AND STELLANTIS EMPLOY SO MANY MORE AMERICANS - AND WHY THOSE JOBS MATTER

1. The scale of the automotive industry generates millions of good jobs across the U.S.

2. Ford, General Motors, and Stellantis employ nearly two-thirds of American autoworkers.

3. They also lead the way by keeping their supply chains domestic across facilities, suppliers, and dealerships.

4. Advanced industries power the U.S. economy through innovation and job creation.

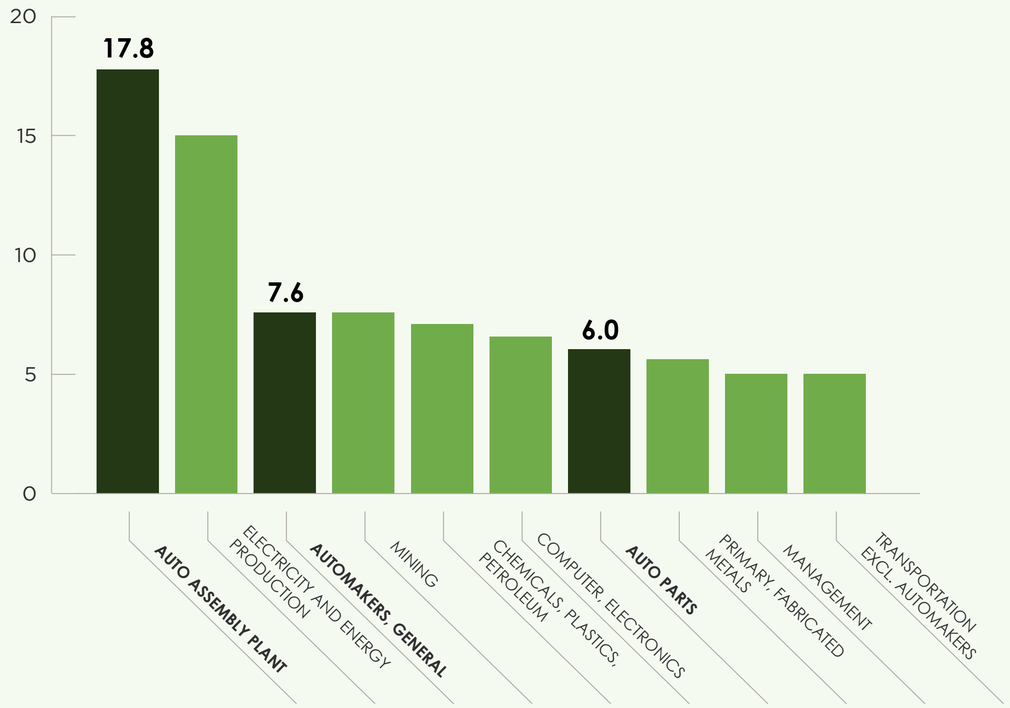
5. Ford, General Motors, and Stellantis power the auto sector, one of the U.S.'s most valued advanced industries.

THE SCALE OF THE AUTOMOTIVE INDUSTRY GENERATES MILLIONS OF GOOD JOBS ACROSS THE U.S.

AUTO MANUFACTURING HAS THE LARGEST JOB MULTIPLIER OF ANY INDUSTRY

For every job that exists in an auto plant, there are 18 others supported by it.

INDUSTRIES WITH THE TOP 10 HIGHEST JOB MULTIPLIERS[1]



AUTO JOBS POWER OTHER SECTORS AND BUSINESSES

376,000
auto jobs
generate...

... 7.25 million U.S. jobs
across suppliers and
other businesses.[2]

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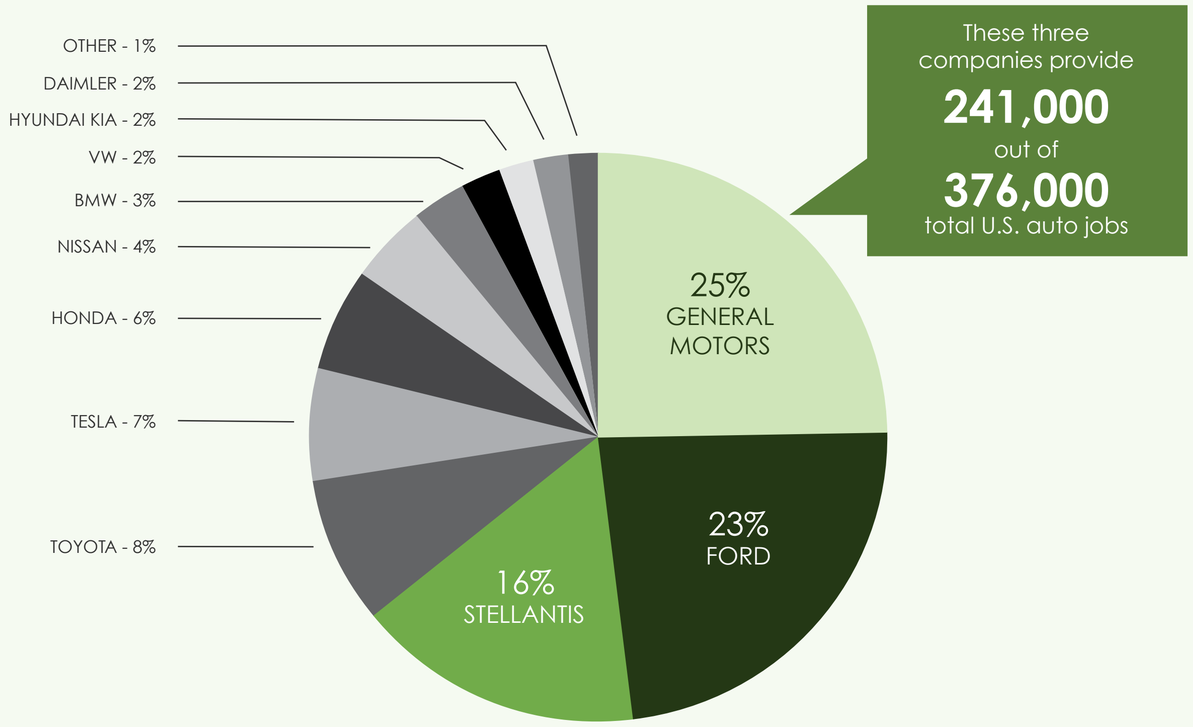
FORD, GENERAL MOTORS, AND STELLANTIS EMPLOY MORE AMERICANS THAN THEIR COMPETITORS

FORD, GENERAL MOTORS, AND STELLANTIS EMPLOY NEARLY 2 IN 3 AMERICAN AUTOWORKERS

DIRECT U.S. EMPLOYMENT (2020)[3]



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FORD, GENERAL MOTORS, AND STELLANTIS LEAD THE WAY BY KEEPING THEIR SUPPLY CHAINS DOMESTIC ACROSS FACILITIES, SUPPLIERS, AND DEALERSHIPS

THE MULTIPLIER EFFECT CREATES HUNDREDS OF THOUSANDS OF JOBS FOR SUPPLIERS AND CAR DEALERSHIPS

260
FORD, GM, AND STELLANTIS FACILITIES

241,000
JOBS

5,600
SUPPLIERS[4]

871,000
JOBS[5]

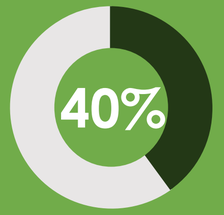
9,700
DEALERSHIPS

660,000
JOBS

GEOGRAPHIC REACH

SUPPLIERS' CONTRIBUTIONS

PROPORTION OF EVERY VEHICLE'S PARTS PRODUCED BY SUPPLIERS



PERCENT OF TOTAL AUTO R&D CONDUCTED IN THE U.S. EACH YEAR BY SUPPLIERS[7]

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ADVANCED INDUSTRIES POWER THE U.S. ECONOMY THROUGH INNOVATION AND JOB CREATION

WHAT ARE ADVANCED INDUSTRIES?

"Advanced industries" are industries that contribute heavily to America's economic growth, innovation, and family income.

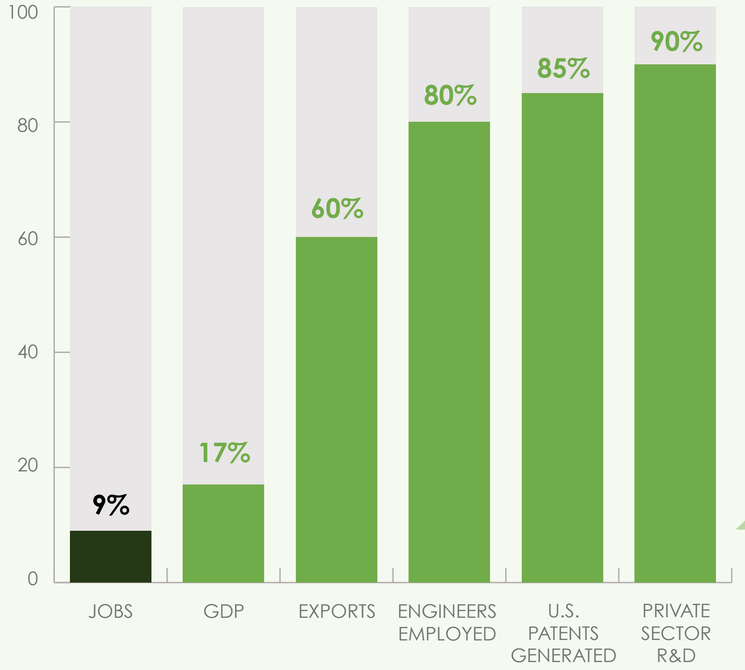
They tend to be characterized by their deep investment in R&D and the high proportion of their workforce involved in science, technology, engineering, or math jobs.

"Through these activities, [advanced industries] encompass the nation's 'tech' sector at its broadest and most consequential."

- America's Advanced Industries: What They Are, Where They Are, and Why They Matter, The Brookings Institution[8]

ADVANCED INDUSTRIES EMPLOY MORE STEM WORKERS AND INVEST MORE HEAVILY IN R&D

ADVANCED INDUSTRY SHARE AS A PERCENTAGE OF ALL INDUSTRIES[9]



ADVANCED INDUSTRIES COVER 50 MANUFACTURING, ENERGY, AND SERVICE SECTORS, INCLUDING:

- AUTO INDUSTRY
- AEROSPACE
- MEDICAL DEVICES
- COMPUTER SOFTWARE
- COMPUTER SYSTEMS DESIGN

DESPITE ACCOUNTING FOR ONLY 9% OF ALL JOBS, ADVANCED INDUSTRIES EMPLOY A MAJORITY OF ENGINEERS AND ACCOUNT FOR NEARLY ALL PRIVATE R&D.

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FORD, GENERAL MOTORS, AND STELLANTIS POWER THE AUTO SECTOR, ONE OF THE U.S.'S MOST VALUED ADVANCED INDUSTRIES

THE AUTO INDUSTRY AND ITS SUPPLIERS RANK AMONG THE WORLD'S ADVANCED INDUSTRIES

The auto sector is

#3

in the world for R&D[10]

1 in 4

auto jobs involve STEM skills[11]

1 in 10

of U.S. engineers and scientists in the private sector are employed by the auto industry[12]

THE AUTO INDUSTRY PROVIDES HIGH-QUALITY ECONOMIC OPPORTUNITIES FOR MIDDLE- AND LOW-INCOME AMERICANS

The average auto job salary is

2x

higher than a worker outside of the advanced industries[13]

1 in 2

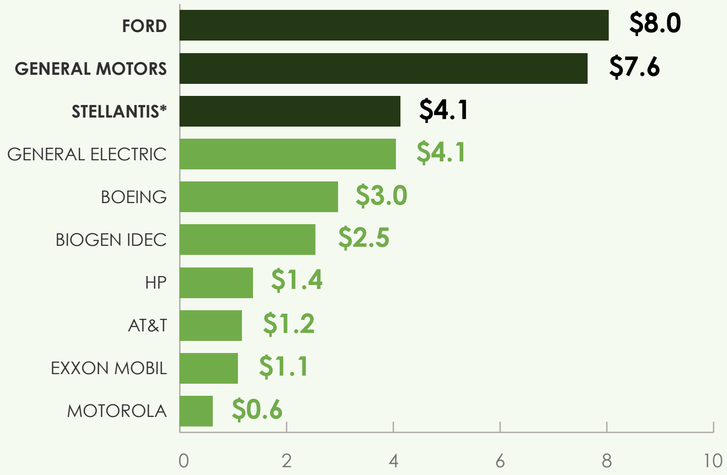
auto workers possess less than a bachelor's degree[14]

"[T]he combination of intensive technology investment and highly skilled STEM workers in the advanced industries sector represents a potent source of U.S. prosperity -- including for workers without a bachelor's degree."

- America's Advanced Industries: What They Are, Where They Are, and Why They Matter, The Brookings Institution[15]

FORD, GENERAL MOTORS, AND STELLANTIS ARE DOING THEIR PART

FORD, GENERAL MOTORS, AND STELLANTIS' ANNUAL R&D VS. OTHER LEADING INNOVATORS (2019)
IN BILLIONS OF DOLLARS[16]



47,000

employees in R&D at facilities in Dearborn, Warren, and Auburn Hills, Michigan across Ford, GM, and Stellantis

* FCA U.S. in 2019

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REFERENCES

1. Among the leading sources of job multipliers in the U.S. is the Center for Automotive Research (CAR), which examines how jobs at each step of the automotive value chain (from R&D to suppliers, assembly plants, and dealership lots) supports other jobs in the community. CAR uses its own Regional Economic Impact Model (REMI), customized using proprietary company data on employment and compensation (by region), as well as publicly available data on capital investments. The model generates estimates of the economic contribution associated with the manufacturing operations it is testing. CAR's REMI model has been used by automakers, their trade groups, and policymakers for more than 20 years.
2. Alliance of Automobile Manufacturers, U.S. Auto Industry Fact Sheet (2019).
3. Automaker employment (both in the U.S. and globally) is obtained from their respective annual reports and corporate websites, as well as reports from the trade groups they support.
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5. Motor & Equipment Manufacturers Association, Driving the Future (2019).
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8. Brookings Institution, America's Advanced Industries: What They Are, Where They Are, and Why They Matter. Muro, Mark, Jonathan Rothwell, Scott Andes, Kenan Fikri, and Siddharth Kulkarni (February 3, 2015).
9. Ibid.
10. European Commission Joint Research Centre, The 2019 EU Industrial R&D Investment Scoreboard.
11. Brookings Institution, America's Advanced Industries: What They Are, Where They Are, and Why They Matter. Muro, Mark, Jonathan Rothwell, Scott Andes, Kenan Fikri, and Siddharth Kulkarni (February 3, 2015).
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13. Brookings Institution, America's Advanced Industries: What They Are, Where They Are, and Why They Matter. Muro, Mark, Jonathan Rothwell, Scott Andes, Kenan Fikri, and Siddharth Kulkarni (February 3, 2015).
14. Ibid.
15. Ibid.
16. European Commission Joint Research Centre, The 2019 EU Industrial R&D Investment Scoreboard.


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