

# VOLKSWAGEN

GROUP OF AMERICA

## Michigan

**2,303 VW and dealer direct employees & contractors**

Employed during 2015

**3.3 employment multiplier**

Total jobs for every VW and dealer employee

**7,590 Total employment impact**

**\$444.2 million Total labor income**

The analysis estimates economic contributions related to dealerships, corporate management locations, and accounts for activities that support operations in other states.

VW's operations supported \$1,344.6 million of economic output in the state directly and through related indirect and induced economic activity.

VW's largest suppliers in Michigan are: The Bartech Group; Shift Digital; Faurecia Interior Systems, Inc ; United Road Services, Inc

In addition to results shown in Table 2, VW's capital investment generated 312 total jobs in Michigan in 2015.

**Number of VW Dealerships: 17**

**Number of Audi Dealerships: 11**

VW's impacts in Michigan include not only the company's direct dealership and corporate operations, but also the indirect and induced impacts related to VW's suppliers and sales to employees living in the state. Through its operations and investments, VW supports jobs, sales, and taxes for households, businesses, and governments across Michigan.

**Table 1. 2015 direct, indirect, and induced impacts of VW**

\$ millions; full- and part-time employees

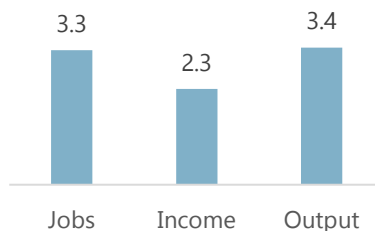
	Jobs	Income	Output
Direct Contribution	2,303	\$189.4	\$399.8
VW corporate	1,317	\$134.4	\$308.5
VW/Audi dealers	986	\$55.0	\$91.3
Indirect & Induced	5,287	\$254.8	\$944.8
Total contribution	7,590	\$444.2	\$1,344.6

**Table 2. 2015 total impacts by congressional district\***

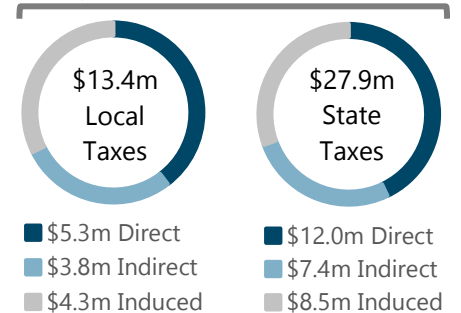
	Jobs	Income	Output
11th district	4,221	\$272.6	\$792.8
9th district	497	\$25.3	\$86.7
8th district	467	\$24.0	\$69.4
2nd district	406	\$20.8	\$57.4
12th district	388	\$19.4	\$61.4
All other districts	1,612	\$82.1	\$276.9

### Operations Multipliers

Total impact over per unit of direct impact



### \$41.3m State & Local Taxes



\*Includes the total direct, indirect, and induced contribution.

Source: EY analysis using the IMPLAN model and data provided by VWGoA management.

Ernst & Young LLP