

RURAL POLICY SYMPOSIUM: ADVANCED MANUFACTURING

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RURALPA ECONOMIC OVERVIEW



3,368,979

Combined total population throughout rural PA



496

Combined total of NAICS industries supported



1,681,647.80

Combined total employment in all sectors



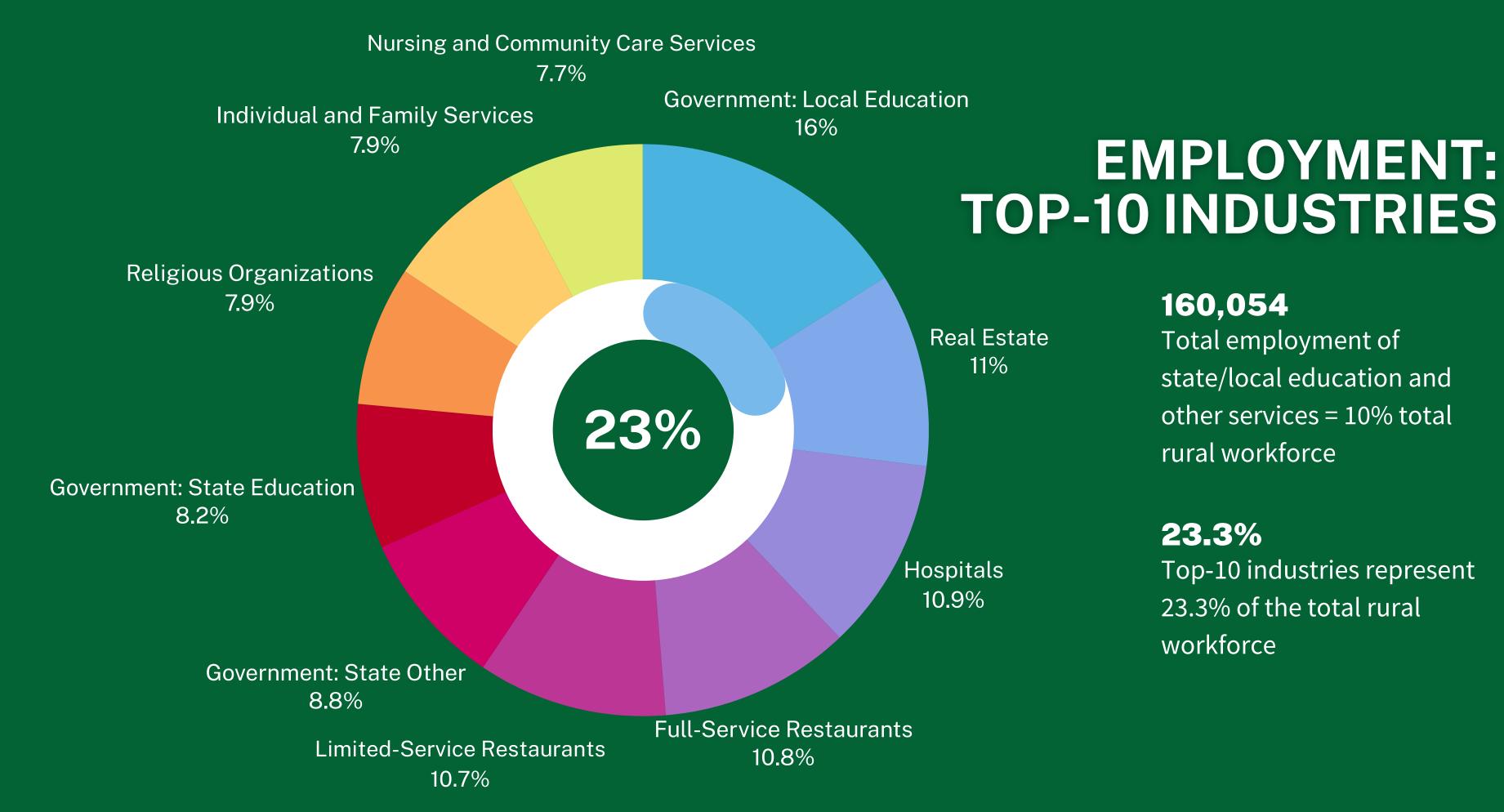
\$178,716,039,425.20

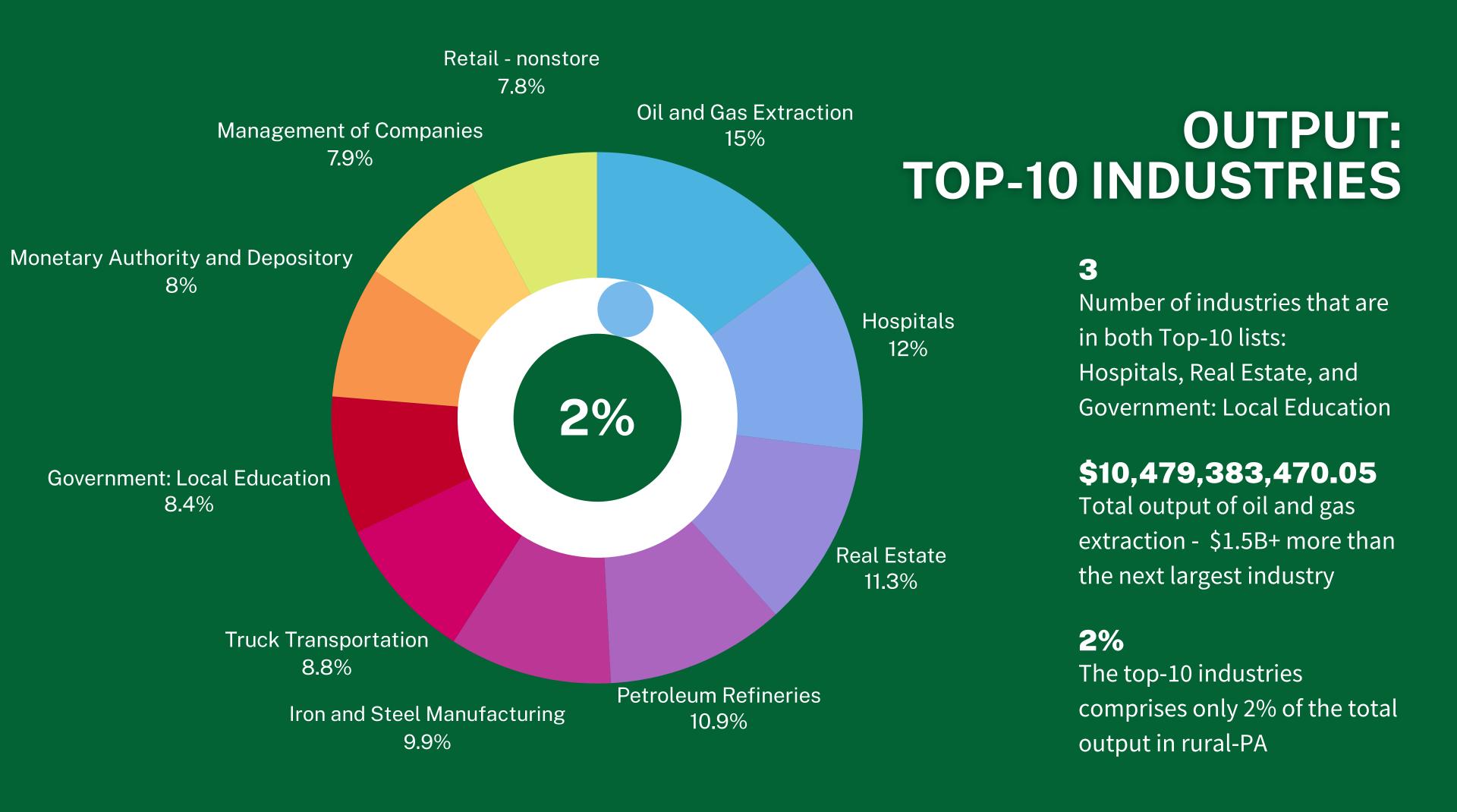
Combined total of personal income received



\$172,811,155,745.31

Combined total of Gross
Domestic Product output





MANUFACTURING IN RURAL PA: OVERVIEW

175,497
Number of employees in manufacturing sector in rural-PA





\$13,818,059,141.67

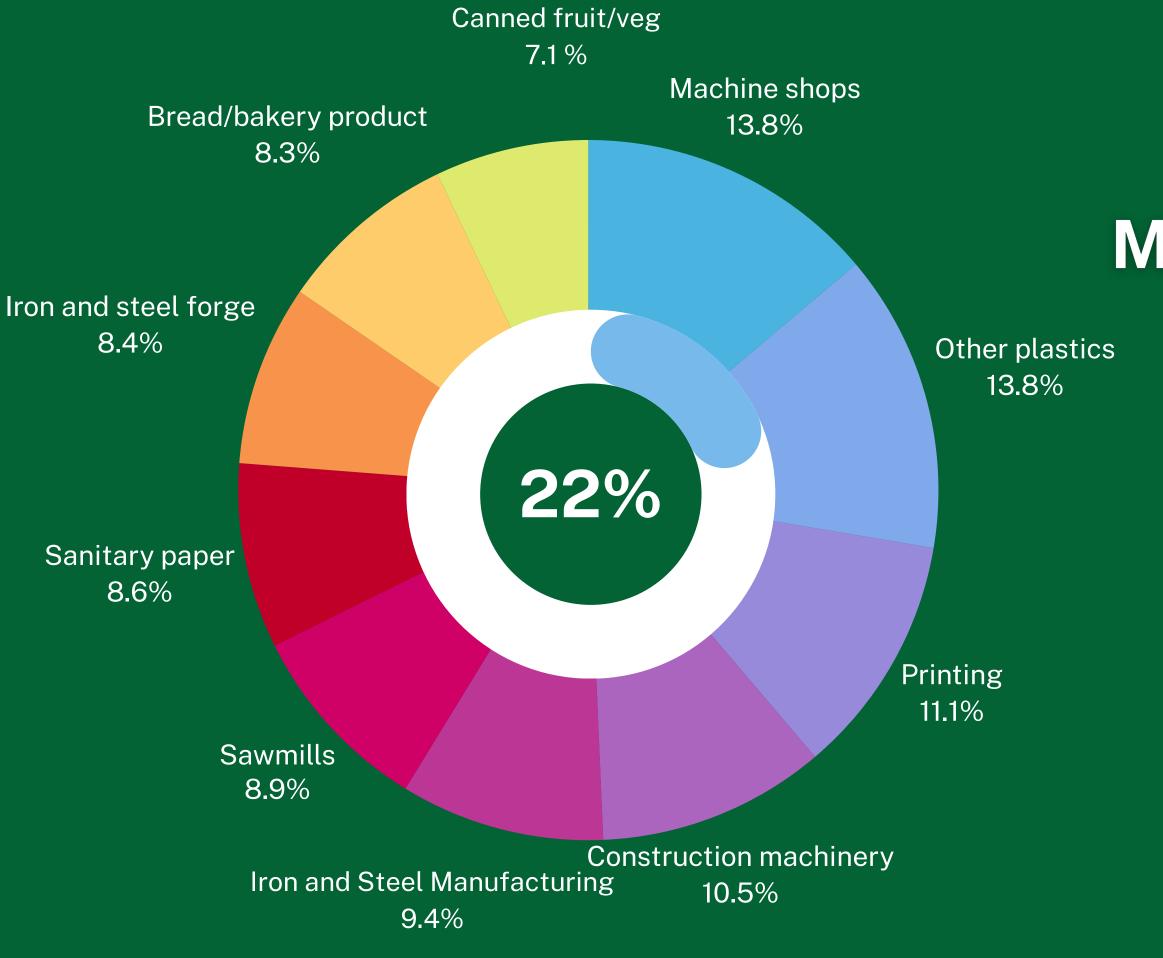
Total labor income earned by manufacturing sector in rural-PA

\$94,097,574,354.35
Total economic output by manufacturing sector in rural-PA





\$80,834.04
Average manufacturing employee compensation per employee in rural-PA



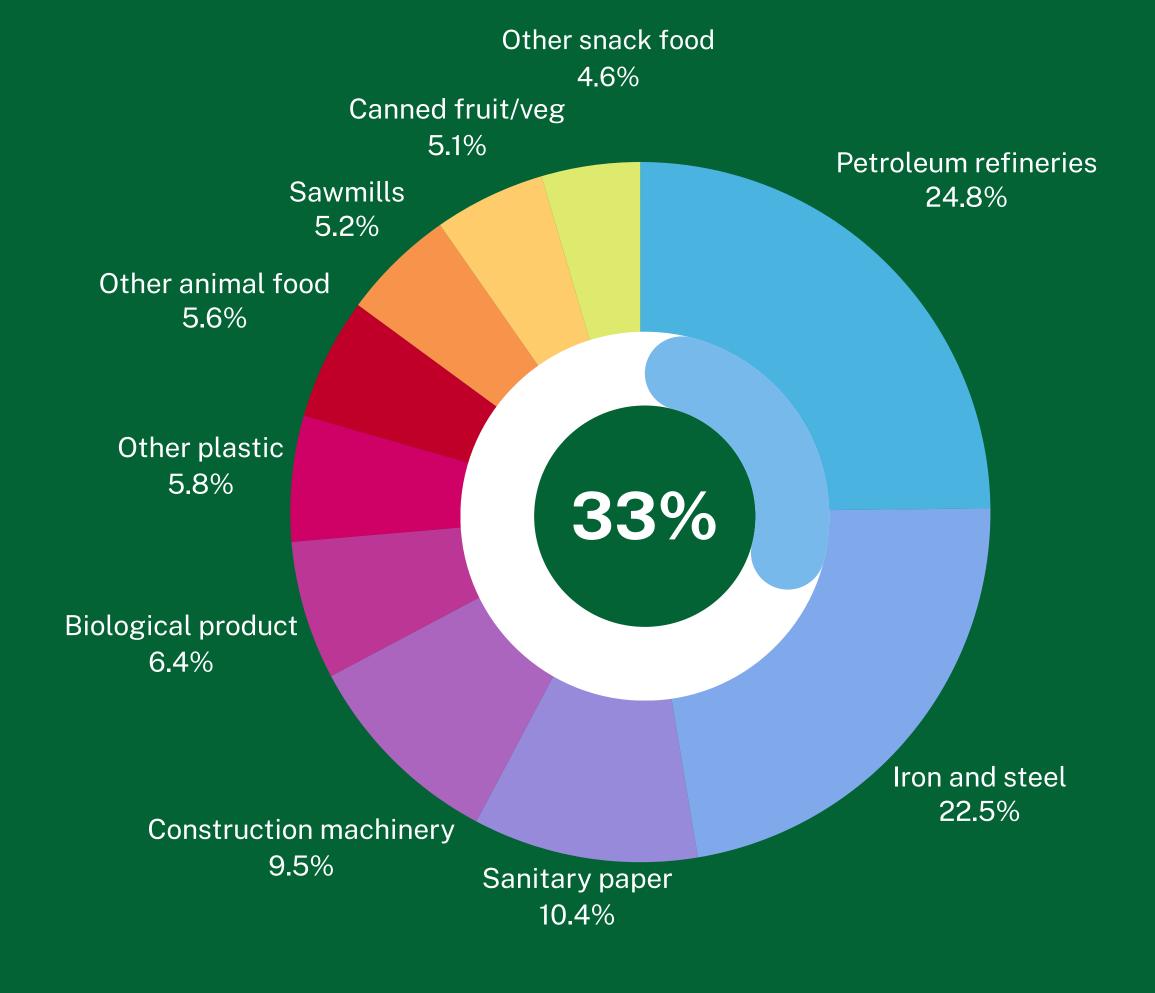
EMPLOYMENT: TOP-10 MANUFACTURING INDUSTRIES

22.2%

The top-10 manufacturing industries make up 22.2% of all manufacturing jobs in rural-PA

MACHINE SHOPS

Makes-up the largest employment pool, but does not appear in top-10 output



OUTPUT: TOP-10 MANUFACTURING INDUSTRIES

310

Active, different types of manufacturing classifications within rural-PA's economy

33%

The top-10 manufacturing industries comprises 33% of the total output in rural-PA



NOTABLE FINDINGS

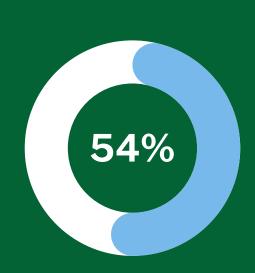


rural-PA



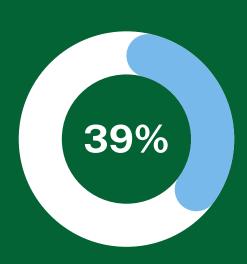
10.4% of all rural-PA employment is in the manufacturing sector

EDUCATION OBTAINED VS. EDUCATION NEEDED



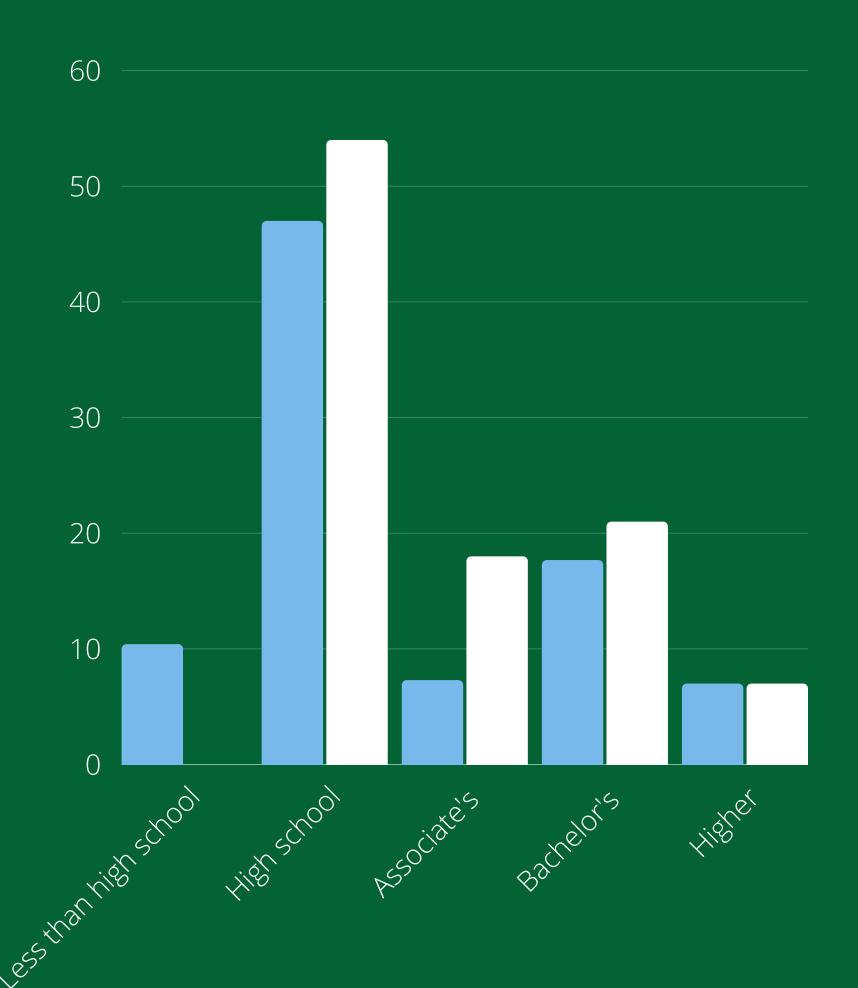
HIGH SCHOOL DIPLOMA

54% of the current manufacturing workforce has a high school diploma - rural PA meets or exceeds this need with only 10.4% having less than high school

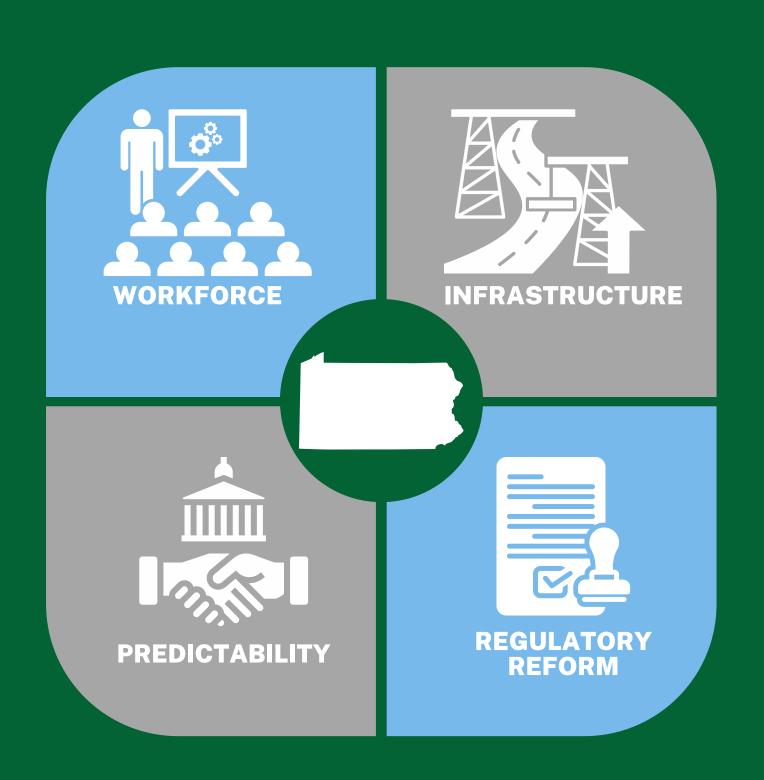


ASSOCIATE'S/BACHELOR'S

39% of the current manufacturing workforce has an Associate's/Bachelor's diploma - rural PA has ~33% that meet this needed qualification representing a 12% shortfall



NEEDS: ADVANCED MANUFACTURING



WORKFORCE

Manufacturers need a trained or trainable pool of job applicants to succeed, grow, and expand

PREDICTABILITY

Unpredictable taxes, excessive government spending/growth, lawsuit abuse, regulatory hurdles, and workforce challenges all add to business uncertainty in PA

INFRASTRUCTURE

Safe and reliable roads, bridges, waterways, sewer, energy availability and affordability, broadband access and more to move people, goods, and ideas

REGULATORY REFORM

Government in PA does not move at the speed of business, causing opportunity costs for private-sector investment

PA'S ADVANTAGES: ADVANCED MANUFACTURING



ACCESS TO MARKET

Keystone state for a reason - access to 40% of US consumers within a day's drive; access to rail, ports, and major interstate systems

EDUCATION

PA is home to several of the top advanced manufacturing institutions in the world and boasts nearly 300 institutions of higher learning

RESOURCES

PA is a top energy and electricity producer, has abundant water, mineral, forest products, and other inputs essential to manufacturers