

Background: The Semiconductor Industry in Ohio

137

Semiconductor industry and related device companies across the stateⁱ

\$28B

Private sector investment announced since introduction of the CHIPS and Science Actⁱⁱ

9,000+

Jobs in the semiconductor industry across the stateⁱⁱⁱ

189%

Increase in semiconductor manufacturing and semiconductor machinery manufacturing job postings since 2018^{iv}

26%

Increase in the number of semiconductor industry jobs in the state over the last 5 years^v

11,000

Graduates in semiconductor-related degree programs produced by OH universities each year^{vi}

The Investing in America agenda is promoting growth of the semiconductor industry in Ohio including:

- CHIPS for America has announced proposed investments in **leading-edge logic chip manufacturing** with up **\$8.5 billion in proposed direct funding for Intel Corporation** to construct two new fabs, part of a multi-state investment;
- Columbus was designated as an **Investing in America Workforce Hub** by the White House in May 2023 for the **semiconductor manufacturing**, clean energy, and transportation industries;
- Ohio is leading the multi-state **Midwest Microelectronics Consortium**, awarded **\$24.3 million** as part of the **Department of Defense Microelectronics Commons** program; and
- Ohio Manufacturers' Association **received \$23.5 million** in funding from the Department of Commerce's **Good Jobs Challenge** to support the growth of a new generation of diverse and skilled manufacturing workers.

The CHIPS and Science Act ("CHIPS") is spurring new investments in critical infrastructure, including:

- **\$600+ million** in public infrastructure investment to support and enable semiconductor industry growth, including new water, sewage, and road infrastructure projects;
- **\$300 million** in investment for a new water treatment plant for the Columbus region; and
- **\$40+ million** in funding from the U.S. Department of Transportation to support new Central Ohio bus rapid transit corridors to expand opportunity in Greater Columbus.

CHIPS is stimulating the growth of research and development assets including:

- The **Midwest Semiconductor Network** to provide research opportunities to students from diverse backgrounds and disciplines, addressing critical industry training needs; and
- The **Ohio Semiconductor Education and Research Program** to fund collaborative R&D proposals led by the University of Cincinnati, Central State University, Columbus State Community College, Kent State University, Lorain County Community College, Ohio University and The Ohio State University.

CHIPS is catalyzing new workforce development pipelines to connect residents with good-paying jobs in the semiconductor industry including:

- The **National Institute of Innovation and Technology (NIIT) and Manufacturing Works** will establish 33 new Registered Apprenticeship Programs, such as the **NIICA GAINS Program**, to unlock opportunities for Ohioans;
- Expansion of the **Ohio Building Futures Program** to support residents of underserved communities with life-skills and basic constructions skills in preparation for entering apprenticeships in the building trades;
- **\$200 million Super RAPIDS** (Regionally Aligned Priorities in Delivering Skills) program funding to address critical workforce needs in areas including the semiconductor industry;
- **\$100 million in Career-Tech Equipment Grants** as part of larger investment in Ohio's Career Technical Centers that will support equipment purchases for career-technical education programs, and **\$200 million in Career-Tech Construction Grants** to fund expansions at career-technical schools across Ohio; and
- A **Project Labor Agreement** with area and national trade unions for the construction of the Intel project in New Albany.

CHIPS is mobilizing new initiatives to ensure economic benefits of semiconductor industry growth reach the whole community including:



Supporting Small and Diverse Businesses

The Columbus Urban League is providing small business assistance that will enable local suppliers to work directly with semiconductor firms and construction contractors.



Regional Housing Strategy

Regional partners are implementing the **Central Ohio Regional Housing Strategy** to address core issues and barriers to maintain existing affordable housing and bring new affordable options.



Expanding Regional Transit

Central Ohio Transit Authority and Columbus Regional Airport Authority are launching new investments to support global trade and travel, including the **LinkUS initiative** and new international airport terminal.

Ohio Economic Development Contacts:

- **JobsOhio**
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- **Columbus Partnership / OneColumbus**
 - **Contact Email:** rf@columbusregion.com
- **Licking County**
 - **Contact Email:** alexisf@growlickingcounty.org
- **City of New Albany**
 - **Contact Email:** jchrysler@newalbanyohio.org
- **City of Columbus**
 - **Contact Email:** QLHarris@columbus.gov

Note: This fact sheet provides examples of entities, programs, and initiatives that CHIPS for America is aware of in the State of Ohio to support its growing semiconductor industry. The information is based on CHIPS for America engagement with entities involved in Ohio's semiconductor industry and was collected in collaboration with JobsOhio. JobsOhio provided the list of state and local economic development organizations in geographies with leading-edge CHIPS Incentives announcements.

Inclusion in this fact sheet does not convey the CHIPS Program Office's approval, endorsement, sponsorship, or other evaluation of any entity, program, or initiative, nor does the exclusion of any entity on the list convey any disapproval. The CHIPS Program Office makes no claims, promises, or guarantees about the completeness, accuracy, or currency of information in this fact sheet. All examples are non-exhaustive and provided for informational purposes only.

ⁱ Number of Semiconductor Payrolled Business Locations in Ohio updated on April 26, 2023. Source: LightCast. This report used state data from the following agencies: Ohio Department of Job and Family Services.

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ⁱⁱⁱ BLS QCEW, modified by Lightcast.

^{iv} Number of Payrolled Business Locations for semiconductor manufacturing and semiconductor machinery manufacturing in Ohio between 2017 to 2023, last updated on April 26, 2023. Source: LightCast, This report used state data from the following agencies: Ohio Department of Job and Family Services.

^v Number of jobs in semiconductor manufacturing and semiconductor machinery manufacturing in Ohio from 2017 to 2023, last updated on April 26, 2023. Source: LightCast, This report used state data from the following agencies: Ohio Department of Job and Family Services.

^{vi} Number completions in Ohio for selected fields of study as of 2022. This list of programs was developed based upon (1) JobsOhio's direct work with Intel on talent sourcing plans & (2) work done by the Ohio Semiconductor Collaboration Network (a consortium of Ohio community colleges dedicated to producing talent for the nascent semiconductor industry, funded by Intel's investments).