

Background: The Semiconductor Industry in Oregon

206

Semiconductor
industry companies
across the stateⁱ

30

New semiconductor
companies in Oregon
in past 5 yearsⁱⁱ

\$40B+

Private sector investment
announced since passage
of the CHIPS and Science
Actⁱⁱⁱ

38,000+

Employees in semiconductor
manufacturing and semiconductor
machinery manufacturing across
the state^{iv}

\$6B+

Total payroll
generated by the
semiconductor
industry in the state^v

\$240M

State funding for the [Oregon CHIPS Fund](#) to
support projects that advance semiconductor
research and development (R&D), workforce, or
manufacturing facilities in the state^{vi}

4,000+

Graduates in semiconductor-
related programs produced by
Oregon educational institutions
each year^{vii}

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

- CHIPS for America has announced proposed investments of up to **\$8.5 billion in proposed direct funding for Intel Corporation** to expand and modernize **leading-edge logic chip research and technology development** facilities as part of a multi-state investment;
- Oregon State University is leading the **Corvallis Microfluidics Tech Hub**, which aims to establish global leadership in the development, scaling, and commercialization of microfluidics technology for use in semiconductor and electronic cooling; and
- Oregon State University was awarded an **NSF Engines Development Award** for **Advancing Semiconductor Technologies in the Northwest (ASTN)**.

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

- **\$10 million commitment** from the state legislature to the **Industrial Lands Loan Fund** to support investment in project-ready industrial sites for semiconductor manufacturing;
- Investment from the City of Hillsboro in a **new water supply line** to provide redundancy for industry and create capacity for growing supply needs; and
- Construction of a **new electrical substation** in the City of St. Helens to **further expand power supply** to the area, building on decades of investment in the grid for semiconductor activity.

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

- **\$200 million** investment in the new **Jen-Hsun and Lori Huang Collaborative Innovation Complex at Oregon State University** to support the semiconductor and broader microelectronics industry;
- **~\$255 million new Semiconductor R&D Tax Credit** passed in 2023 to further catalyze Oregon semiconductor research and development activities; and
- Establishment of the **Oregon Semiconductor Center of Innovation Excellence** to support innovation and research collaboration across academia, industry, and government.

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

- **\$200 million** new state investment into the **Future Ready Oregon** workforce development grant program which is funding new or expanded semiconductor programs at **Portland Community College** and **Mount Hood Community College**;
- The **Northwest University Semiconductor Network** bringing industry and higher education together to address semiconductor talent development, which includes the University of Oregon, Portland State University, and Oregon State University; and
- The **Hillsboro Advanced Manufacturing Apprenticeship**, Oregon's first youth Registered Apprenticeship Program for high school students, launched by the City of Hillsboro, Portland Community College and industry partners.

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



Supporting Supplier Diversity

A new supplier diversity program in the City of Hillsboro includes a Minority & Women Business Directory, supplier diversity resolution and policy, and supplier diversity tracker.



Addressing the Child Care Crisis

Business Oregon is providing **\$50 million** for financial assistance for child care infrastructure activities and **\$7.5 million** in to create the **CHIPS Child Care Fund**. Oregon is also providing programming to support construction apprentices with child care.



Creating Workforce Housing

The Oregon State Legislature allocated **\$376 million** in dedicated new funding for housing investments in the 2024 legislative session that will bolster stateside housing production, fund key infrastructure, and support renters.



Engaging the Community

More than **\$3 million** in state funds are supporting expanded programming for Oregon-based community-based organizations **Self Enhancement Inc.** and **Building Blocks 2 Success** to build access of diverse talent from both Oregon high schools and colleges to semiconductor job opportunities.

Oregon Economic Development Contacts:

- **Business Oregon**
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Note: This fact sheet provides examples of entities, programs, and initiatives that CHIPS for America is aware of in the State of Oregon to support its growing semiconductor industry. The information is based on CHIPS for America engagement with entities involved in Oregon's semiconductor industry and was collected in collaboration with Business Oregon. Business Oregon 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 Business Oregon

ⁱⁱ Business Oregon

ⁱⁱⁱ Business Oregon

^{iv} Business Oregon

^v Business Oregon

^{vi} <https://oregonbusinessindustry.com/march-25-2024-capitol-connect>

^{vii} https://oregon.gov/highered/strategy-research/Documents/Reports/Semiconductor_Talent_Assessment_Jan2024.pdf