

Washington's life science industry encompasses world-class academic and non-profit research institutions as well as companies conducting R&D and manufacturing products in biotechnology, medical devices, digital health/health IT, bioagriculture, biofuels, and veterinary medicine.

**23.5%** Life science employment growth in Washington State from 2015 - 2019

### Strong Job Growth

From 2015-2019, Washington's life science industry grew 23.5% - outpacing both Washington private sector job growth and life science job growth nationally.

### Top National Cluster

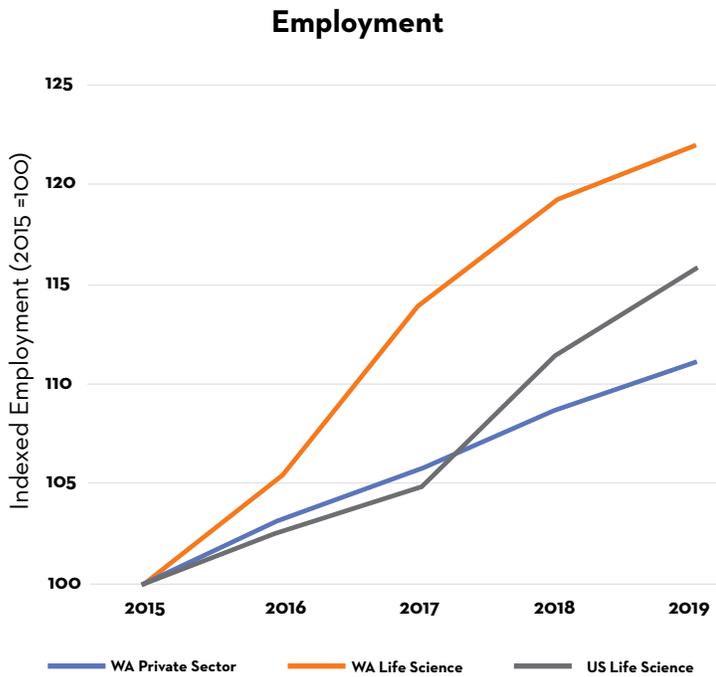
Washington's life science cluster has transformed from a top research cluster, to the top emerging cluster in the nation, to one of the top 10 life science clusters in the United States (CBRE).

### Top STEM-based Industry for Women

Women make up 44% of Washington's life science industry. That's one of the highest concentrations of women in a STEM-based industry. By comparison, the percentage of women working in aerospace, computer system design, and data processing is 24%, 30%, and 36% respectively\*.

### Added Commercial & Manufacturing Jobs

Much of the growth was fueled by local companies adding commercial and manufacturing jobs. Today, the industry provides a diversity of jobs ranging from entry level manufacturing to jobs supporting commercial operations to advanced research positions.



### EMPLOYMENT\*

**39,752**

Individuals employed directly in life science jobs

**101,882**

Jobs supported by WA science industry

**\$106,122**

Average annual wage for life science jobs in WA

**\$70,144**

Average annual wage for other WA private sector jobs

### ECONOMIC IMPACT\*

**\$30.1 B**

Total economic impact

**\$16.4 B**

Added to WA's GDP

**\$9.0 B**

In wages & benefits

**\$1.2 B**

Contribution to state/local tax revenue

**1100+**  
Life science organizations

are located in

**136**  
cities across Washington State

- 335** Biotechnology & Nonprofit Research
- 278** Medical Device & Equipment
- 196** Digital Health & Health IT
- 103** Agricultural Feedstock & Industrial Bioscience
- 102** Life Science - Related Distribution
- 90** Drug & Pharmaceutical

### POLICY PRIORITIES

- Develop a sufficient workforce to sustain Washington's life science industry
- Ensure that business, tax, and regulatory policies enable companies to invest in long-term, high-risk R&D programs
- Support entrepreneurship and start-up mentoring programs
- Invest in research & educational facilities

\* Source: TEconomy Partners analysis based on 2019 Bureau of Labor Statistics, CEW data. The employment & economic impact numbers do NOT include the impact of digital health/health IT companies due to data limitations.

\*\*Source: TEconomy Partners analysis of Emsi 2021.2 data set.

## 136 WASHINGTON CITIES HOST LIFE SCIENCE COMPANIES

City	Number of Companies	City	Number of Companies	City	Number of Companies	City	Number of Companies
Aberdeen	2	Ellensburg	5	Medina	1	Ritzville	1
Airway Heights	1	Everett	15	Mercer Island	6	Royal City	1
Algona	1	Everson	1	Mesa	1	Sammamish	5
Anacortes	1	Fairfield	1	Mill Creek	7	Seattle	408
Arlington	6	Federal Way	10	Milton	1	Sequim	1
Auburn	7	Ferndale	10	Monroe	8	Shoreline	6
Bainbridge Island	12	Fife	5	Moses Lake	11	Silverdale	2
Battle Ground	2	Friday Harbor	2	Mount Vernon	4	Snohomish	3
Bellevue	69	Gig Harbor	8	Mountlake Terrace	2	Snoqualmie	3
Bellingham	17	Grandview	1	Moxee	1	Spanaway	1
Black Diamond	1	Granger	1	Mukilteo	6	Spokane	46
Blaine	3	Grayland	1	Newcastle	1	Spokane Valley	15
Bonney Lake	2	Harrah	1	Normandy Park	1	Sprague	1
Bothell	59	Issaquah	16	Northeast Renton	1	Stanwood	3
Bremerton	2	Joint Base Lewis-McChord	1	Oak Harbor	2	Sumner	2
Brush Prairie	1	Kalama	1	Olympia	18	Sunnyside	2
Buckley	2	Kelso	1	Omak	1	Tacoma	23
Burien	3	Kenmore	5	Othello	6	Tukwila	8
Burlington	4	Kennewick	12	Parker	1	Tumwater	1
Camas	2	Kent	11	Pasco	12	Union Gap	1
Cashmere	2	Kingston	3	Pateros	1	University Place	1
Centralia	2	Kirkland	33	Pomeroy	2	Valleyford	1
Chehalis	2	Lacey	7	Port Orchard	4	Vancouver	45
Chelan	1	Lake Forest Park	2	Port Townsend	1	Vashon	2
Clarkston	1	Lakewood	4	Poulsbo	5	Walla Walla	2
Colfax	1	Liberty Lake	2	Pullman	9	Wapato	1
Colville	1	Longview	3	Puyallup	8	Warden	2
Connell	3	Lynden	4	Quincy	3	Waterville	1
Coupeville	2	Lynnwood	11	Raymond	1	Wenatchee	7
Davenport	1	Mabton	1	Reardan	1	Woodinville	23
Des Moines	1	Manson	1	Redmond	53	Woodland	1
East Wenatchee	3	Maple Valley	2	Renton	12	Yakima	14
Eastsound	2	Marysville	3	Richland	10	Yelm	1
Edmonds	5	Mattawa	1	Ridgefield	4	Zillah	3
<b>Grand Total</b>							<b>1,521</b>

\*Total number of employers is higher than on the front page because some companies have facilities located in multiple cities across the state