

Oregon's Outdoor Gear & Apparel Cluster

National employment in Outdoor Gear & Apparel sectors is relatively concentrated in Oregon. Apparel & Footwear sector pays much higher wages and generates a considerable share of the patents in the U.S. However, its R&D spending in Oregon has all but disappeared (from \$77 million in 2011). Outdoor Gear sector grew faster than in the rest of the U.S. and is expected to grow 10% between 2017 and 2027.

Outdoor Gear & Apparel Cluster Performance Metrics

Oregon's industry cluster performance relative to the United States

Outdoor Gear & Apparel	Oregon		U.S.		Competitiveness Relative to U.S.
	2019	Annual Growth since 2007	2019	Annual Growth since 2007	
Employment	48,757	0.2%	2,504,254	-1.2%	Higher
Establishments	3,066	0.3%	204,297	-0.7%	Higher
Average Wage	\$69,670	3.0%	\$39,394	2.3%	Higher
R&D (in Millions, annual) ¹	<\$0.5	--	\$919	7.4%	N/A
Patents (estimated, annual) ²	209	13.3%	2,097	7.1%	Higher
Location Quotient	1.50				
Projected 10-Year Employment Growth	2.2%				

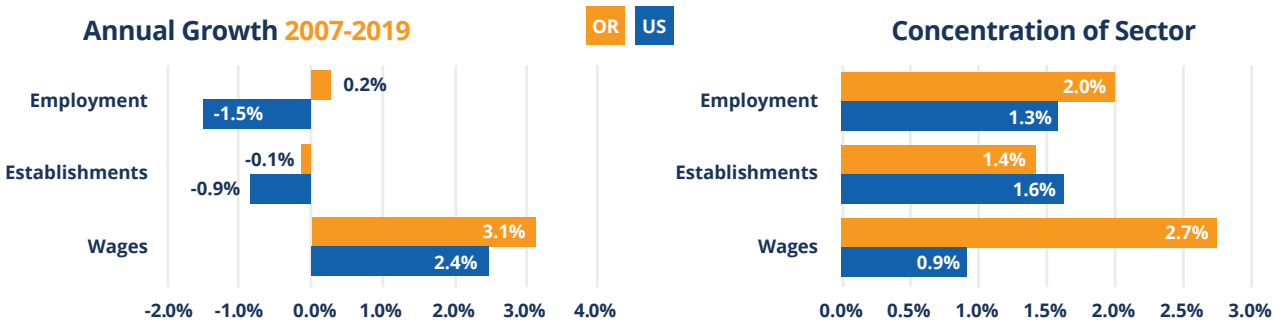
¹ Research and development paid for and performed by companies in 2017 and growth since 2011. Includes textiles, apparel, and leather products.

² Estimate of patents granted in 2017 based on 2007 to 2015 data and growth since 2007.

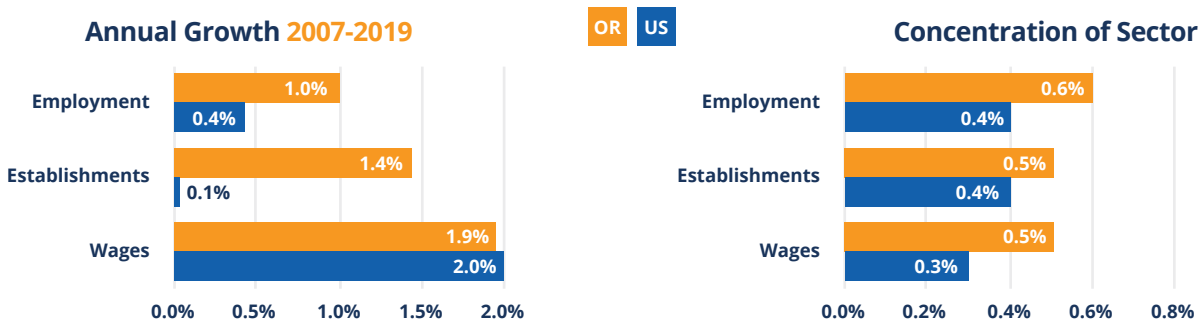
Note: A Location quotient (LQ) measures the concentration or specialization of an industry compared to a larger geography. For these handouts, we compare Oregon's economic clusters and subclusters to the United States. An LQ is calculated by taking the region's share of an economic indicator (jobs, wages, establishments, etc.) relative to the share of that indicator in the larger geography.

Industry Subcluster Summary

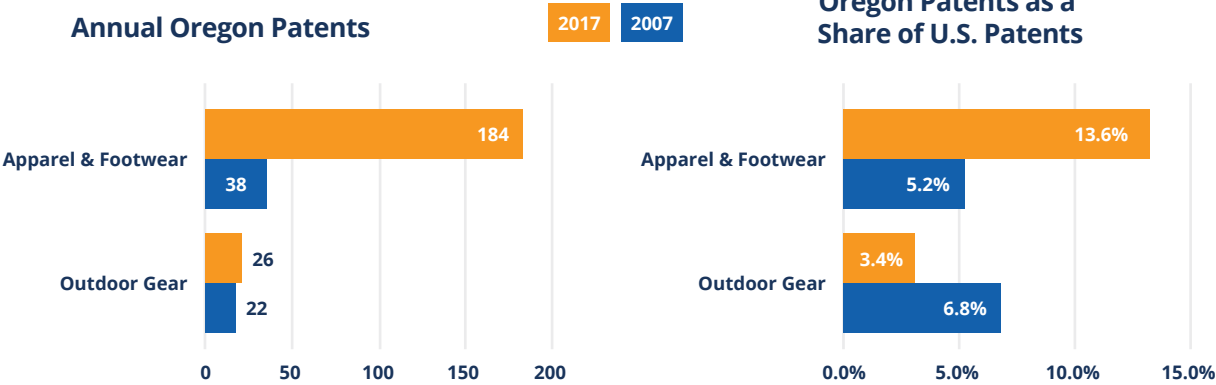
Apparel & Footwear	Oregon		U.S.		Competitiveness Relative to U.S.
	2019	Annual Growth since 2007	2019	Annual Growth since 2007	
Employment	38,249	0.2%	1,966,594	-1.5%	Higher
Establishments	2,229	-0.1%	163,878	-0.9%	Higher
Average Wage	\$75,638	3.1%	\$38,526	2.4%	Higher
R&D (in Millions, annual)	<\$0.5	--	\$919	7.4%	N/A
Location Quotient	1.50				
Projected 10-Year Employment Growth	-2.3%				



Outdoor Gear	Oregon		U.S.		Competitiveness Relative to U.S.
	2019	Annual Growth since 2007	2019	Annual Growth since 2007	
Employment	11,508	1.0%	537,705	0.4%	Higher
Establishments	837	1.4%	40,419	0.1%	Higher
Average Wage	\$43,782	1.9%	\$42,567	2.0%	On Par
R&D (in Millions, annual)	N/A		N/A		
Location Quotient	1.65				
Projected 10-Year Employment Growth	10.1%				



Patents by Sector



Sources:

U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages (QCEW), 2007 and 2019.
 Oregon Employment Department, Oregon Industry Employment Forecast, 2017-2027.
 National Science Foundation (NSF), Business Enterprise Research and Development Survey (BERD), 2011 and 2017.
 U.S. Patent and Trademark Office, Patent Technology Monitoring Team (PTMT), Patenting by Geographic Region (State and Country), 2007 to 2015.