

LIFT: Lightweight Workforce Quarterly Summary

OHIO, Q2 2017



Despite a decline of six percent in online job ads between Q1 and Q2 2017, employer demand for lightweighting-related skills continues to grow in Ohio. **There were 19,525 related job postings during Q2 2017, up 1.6 percent over Q2 2016, and demand has increased nine percent in the four years since analysis began in Q1 2013.**

2017 marked the eighth consecutive year of employment growth in lightweighting-related occupations. Nearly 744,000 Ohio workers were employed in occupations related to lightweighting during 2017.

741,155

workers in lightweighting-related occupations in Ohio (2017)

★ TOP 10 OCCUPATIONS IN DEMAND STATEWIDE

Occupation	Job Postings
Maintenance and Repair Workers, General	3,247
Laborers and Freight, Stock, and Material Movers, Hand	2,890
Mechanical Engineers	1,933
Electrical Engineers	1,746
Production Workers, All Other	1,489
First-Line Supervisors of Production and Operating Workers	1,222
Architectural and Engineering Managers	932
Inspectors, Testers, Sorters, Samplers, and Weighers	910
Industrial Engineers	837
Commercial and Industrial Designers	790



increase in demand for lightweighting skills



eight consecutive years of employment growth

Most Skilled Trades jobs are open to entry-level workers willing to undertake some post-secondary training programs in high-demand skillsets. **Earning a certificate or associate's degree in welding or CNC machining, for example, can lead candidates into successful careers in Skilled Trades.**

Logistics, Procurement, and Purchasing workers are in high demand by Ohio employers seeking administrative skill sets. Workers with at least three years of experience in purchasing and supply chain management, advanced customer service skills, or training in forklift operation or SAP are among the most desirable.

The majority (81 percent in Q2 2017) of lightweighting-related Engineering and Design job postings in Ohio require a bachelor's degree. Candidates with an undergraduate degree in electrical or mechanical engineering can earn competitive wages in lightweighting-related positions in Ohio.

☑ SKILLED TRADES EXPERIENCE IN-DEMAND

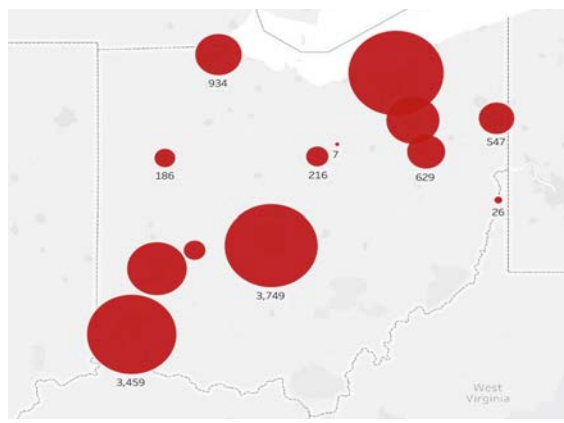


⚙ SKILLED TRADES EDUCATION & TRAINING IN-DEMAND



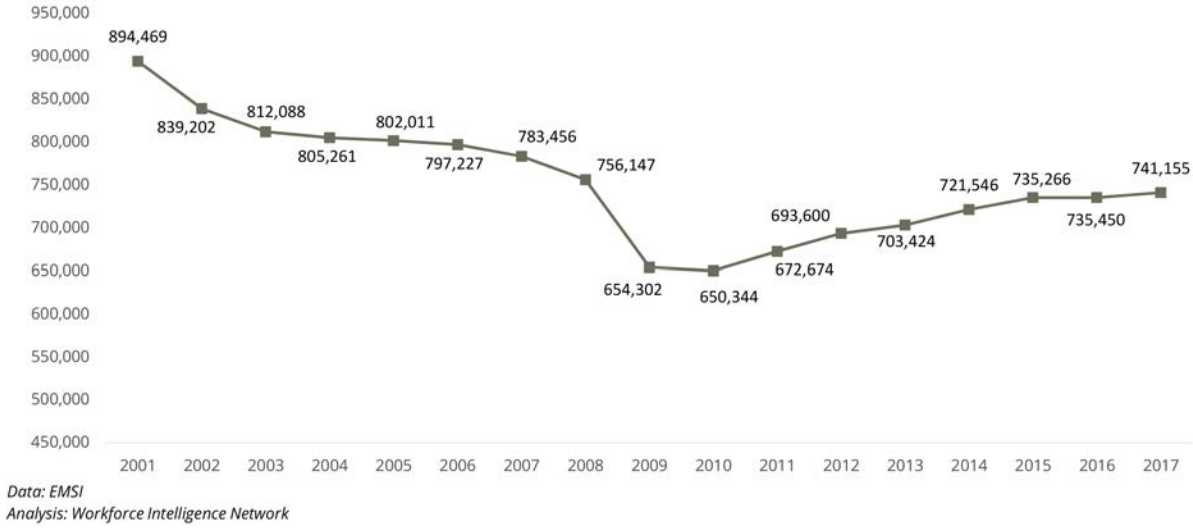
STATEWIDE POSTINGS BY MSA

Lightweighting-related postings were widespread across Ohio Metropolitan Statistical Areas (MSAs), with the Cleveland-Elyria MSA experiencing the most (3,932), and the Columbus MSA coming in second, with 3,749 postings. Other areas of note include the Cincinnati MSA.



LIGHTWEIGHTING-RELATED EMPLOYMENT OVER TIME OHIO, Q1 2013 - Q2 2017

Employment in lightweighting-related occupations grew between 2016 and Q2 2017, by around 6,000 employees. Since the end of the Great Recession in 2010, employment has grown steadily (approximately 90,000), and is closer to reaching pre-recessionary levels.



LIGHTWEIGHTING-RELATED JOB POSTING OVER TIME OHIO, Q1 2013 - Q2 2017

Lightweighting-related job postings decline slightly between Q1 2017 and Q2 2017, however, are up over the year by 301 ads. Since tracking began in Q1 2013, postings have grown by just under 2,000 ads, or nine percent.



Lightweight Innovations for Tomorrow (LIFT) is a public-private partnership that develops and deploys advanced lightweight materials manufacturing technologies and implements education and training programs to prepare the workforce. Learn more here: <https://lift.technology/>.

