

2014 Cluster Workforce Updates *Health Care*

Bureau of Labor Market Information and Strategic Initiatives



Michigan Bureau of Labor Market Information and Strategic Initiatives

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Introduction

Produced through a partnership between the Bureau of Labor Market Information and Strategic Initiatives (LMISI) and the Workforce Development Agency (WDA), the 2014 Cluster Workforce Updates are intended to revise the key occupation tables found in the [Cluster Workforce Analysis](#) publications released in January 2013.

Key occupations include job titles that show a favorable mix of employment indicators as measured by LMISI and that were identified by the WDA Industry Talent Directors as being important to their respective clusters today and in the future.



The Health Care Cluster includes industries like *Hospitals, Offices of physicians, Offices of dentists, Nursing care facilities, and Home health care services*. The key occupations identified in this report are heavily concentrated in these and other industries within the cluster.

With an emphasis on occupations, this report provides an analysis of important indicators, including employment, earnings, education and training requirements, and real-time and projected demand. For additional demographic or labor market information and resources, please visit our website at www.michigan.gov/lmi.

The Health Care Cluster

- The Health Care Cluster is critical to the diversity of the Michigan economy, with growth in several occupations within the cluster being instrumental in the state's recovery from the Great Recession.
- Cluster employment is projected to grow by 19.1 percent through 2020, with all key occupations in the cluster expecting similar job growth. *Registered nurses* alone are expecting 3,260 annual openings during that time, with over half of these annual openings coming from new jobs due to economic growth.
- Due to strong demand from employers and high, skill, education, and training requirements, wages are relatively high in the Health Care Cluster. Overall, 11 of the 15 key occupations in the cluster require some sort of certification beyond high school. While the cluster contains lucrative occupations like *Physical therapists*, which requires a professional degree and has a median hourly wage of \$38.35, lower-skilled, lower-paying job titles such as *Home health aides* are still in high demand.



HEALTH CARE

OUTLOOK

There are currently 546,900 jobs in the Health Care Cluster. The cluster is expected to grow 19.1 percent between 2010 and 2020.

- Considering that cluster employment grew through the recession and is projected to show continued job expansion, it is no surprise that there are currently openings in many health care occupations. According to The Conference Board's Help Wanted Online database, there are over 5,700 job advertisements for *Registered nurses*, among the highest of any occupation in Michigan. Additionally, *Nursing assistants*, *Home health aides*, and *Medical assistants* all have over 1,000 advertised vacancies.

“Wages are traditionally high in health care due to the high demand and highly-skilled nature of the occupations.”

- High expected growth and real-time demand along with good wages make the Health Care Cluster a strong contributor to the Michigan economy and a wise choice for those considering a new career. New data on the cluster's key occupations indicate that there are a number of promising opportunities for high school and college students as well as those exploring a career change.

Key Occupations in the Health Care Cluster

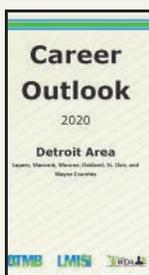
Occupation	Total Michigan Employment	Employment in Cluster	Median Wage	Total Annual Openings	Real-Time Demand	Education or Training Required
Registered Nurses	91,840	81,440	\$31.27	3,260	5,752	Associate's degree
Nursing Assistants	52,090	46,010	\$12.68	1,342	1,030	Postsecondary non-degree award
Home Health Aides	35,740	32,300	\$9.88	2,348	1,191	Less than high school
Medical Assistants	23,120	21,610	\$13.48	669	1,254	Postsecondary non-degree award
Personal and Home Care Aides	20,230	12,740	\$9.87	735	918	Less than high school
Licensed Practical and Licensed Vocational Nurses	16,690	13,680	\$20.64	747	642	Postsecondary non-degree award
Pharmacy Technicians	12,360	9,570	\$13.51	378	347	High school diploma or equivalent
Physicians and Surgeons, All Other	11,260	9,100	\$79.72	436	319	Doctoral or professional degree
Medical Secretaries	10,880	9,780	\$15.08	333	902	High school diploma or equivalent
Dental Hygienists	9,680	9,440	\$29.97	352	90	Associate's degree
Dental Assistants	8,820	8,420	\$16.47	339	310	Postsecondary non-
Physical Therapists	7,830	6,700	\$38.35	273	702	Doctoral or professional degree
Radiologic Technologists	7,250	6,910	\$24.76	242	205	Associate's degree
Medical and Clinical Laboratory Technologists	7,000	6,500	\$26.54	153	181	Bachelor's degree
Medical and Clinical Laboratory Technicians	6,440	6,060	\$15.83	145	140	Associate's degree

Source: Bureau of Labor Market Information and Strategic Initiatives / The Conference Board Help Wanted Online ®

What's New from LMISI?

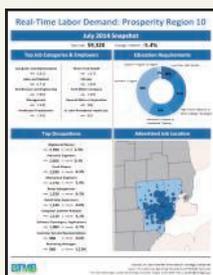
The *2014 Cluster Workforce Updates* are just one example of the many publications by the Bureau of Labor Market Information and Strategic Initiatives. Serving a diverse group of customers, our products range from workforce data to customized products and publications. Highlighted below are some of our more recent products. These and more can be found on our website at: www.michigan.gov/lmi.

Regional Career Outlook Brochures (2010 - 2020)



Published for Michigan's 18 Economic Forecast Regions (EFRs), these Career Outlook Brochures use our occupational long-term forecasts to list the top 15 to 20 occupations in the region based on a variety of factors. The lists provided for each region are based on education, annual openings, and real-time demand using the data series from The Conference Board Help Wanted OnLine® (HWOL).

Regional Prosperity Initiative: Real-Time Labor Demand Snapshots



Published for the State's 10 Prosperity Regions, these monthly reports use The Conference Board Help Wanted OnLine® (HWOL) Data Series to provide a high-level overview of in-demand occupations, top advertising employers, education and training requirements, and the location of advertised vacancies for each of Michigan's 10 Prosperity Regions.

Michigan Economic and Workforce Indicators and Insights—Summer 2014



These profiles provide labor market information to support the Regional Prosperity Initiative. Included is information and analysis on the topics of population and demographics, labor force, employment, and unemployment, commuting patterns, industry employment and job trends, occupational employment and wages, and occupational demand, both real-time and forecasted.

Youth and Young Adults and the Michigan Labor Market



This study examines the important topic of teens and young adults in the labor market. This report provides workforce development professionals with timely, relevant, and accurate information on subjects including: demographics, labor force, and unemployment; industry and occupational employment; educational attainment and job market success; migration of youth; and employment and skill outlook.



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