

# Data and Evidence Analysis Summary – 2016

## Practical Nursing

Conducted by Doreen Olson, Adjunct Faculty and Program Development Coordinator, 7-27-2016

### WTCS Comparative Data:

<https://facultyresources.westernnc.edu/wp-content/uploads/2015/11/2015-31-5431-Practical-Nursing-QRP-1-Year-Tech-Diploma-Evidence-Analysis-Report.pdf>

#### Course Completion

- Western's C or Better for Practical Nursing program ranged from 75.5% (2011) to 89.8% (2015). When compared to the other five colleges selected as a comparison group, Western ranks 6<sup>th</sup> out of six. Western's average is 81.7% for the reporting years 2011-2015. Chippewa Valley Technical College consistently outranked Western and has the highest completion rate ranging from 93.6% (2015) to 100% (2011) with an average of 95.2%. Moraine Park Technical College ranks second with an average completion rate of 92.2% from 2011-2015.
- Western's number of students dropped from 181 (2011) to 97 (2014) then increased to 118 in 2015. Chippewa Valley student numbers increased from 44 (2011) to 125 in 2015. Northeast Technical College experienced high numbers in 2011 (247) then saw a drop in student count by 2013 (215). In 2015, Northeast Technical College numbers had increased to 315 with a retention of 87.9%

#### Fall to Spring Retention

- Western's average is 90.6% over the five year span (2010-2015). Spring 2011 had the highest retention of 93.3% with the lowest retention noted in 2012 at 87.8%. Chippewa Valley, Northcentral and Moraine Park Technical Colleges have experienced 100% fall to spring retention multiple years. Moraine Park retention has notable retentions of 100% for each of the five spring cohorts (2011-2015).

#### Second Year Retention

- Western's second year graduation rate ranges between 58.7% (2013) to 62.6% (2014) with an average of 61%. In comparison to the other five colleges, Western ranks 6<sup>th</sup> out of six. Chippewa Valley and Moraine Park has the highest averages at 91.8% and 99.4% respectfully.

#### Western's Third Year Graduation

- The data does not include third year graduation due to the length of the program.

## Labor Market Analysis October 2015

<https://facultyresources.westernct.edu/wp-content/uploads/2015/11/2015-OCT-Practical-Nursing-Program-Trends.pdf>

In an analysis of the Western District and occupations associated with the field of Practical Nursing, the following points are noted:

- From 2016-2020, this occupation is expected to grow 13.3%. This is considered strong growth.
- Job growth in the Western district is predicted to be higher when compared to a national trend of 8.1% and state trend of 9.1%.
- Job distribution in the district by the year 2020 indicates a high concentration in La Crosse County (165 jobs). Monroe (66) and Juneau County (62) predict approximately 100 less positions available than in La Crosse County. Trempealeau and Vernon Counties anticipate 46 and 45 jobs in 2015 respectfully.
- This program has an aging population within its employment. 29.4% of those employed are 55 years of age or older and 25.6% are in the 45-54 age range. A small segment of workers (6.6%) is in the 19-24 year old population. The high school population of students may benefit from greater exposure to the occupations and benefits of working in the nursing field.
- The majority of jobs in 2015 were housed within nursing care facilities (35.3%). General medical and surgical hospitals had 72 positions (18.6%) and physician offices 50 positions (13.0%).
- An analysis of the district's Classification of Instructional Programs (CIP) shows that there is one educational program tagged to deliver graduates into the nursing field. In 2014, there were 53 completers for 19 openings. At a cursory glance, it appears that the field is oversaturated with graduates. In review of the 2013-14 graduate summary, 26 graduates are continuing their education. It would be beneficial for the program to do a deeper analysis of the employment rates and the nursing pathway.
- Earnings for graduates of this program range from \$17.30 per hour to \$21.66 per hour with the median hourly wage of \$19.29. This is below the national median wage of \$20.43.

## Student Satisfaction Trends

The Noel Levitz Student Satisfaction Inventory was conducted in the fall of 2015. The instrument asks students to rate the importance AND the satisfaction with 95 items (1-7 with 7 as highest). Data is not reported. Two students completed the survey and the data would not be relevant with that low of a return rate.

## Student Learning Outcomes Assessment Trends

There was only one response to this survey. The only two comments made were:

- "I like that all the instructors are very knowledgeable and have work experience in the field they're teaching."
- "As a technical college, I was a little disappointed that there weren't any of the core nursing classes available in the late afternoon/evening."

## Graduate Follow-Up Trends

Year	2012-13
Types of jobs obtained	CNA/LPN CNA Emergency Dept Tech LPN
Companies hiring Western graduates	Black River Memorial Hospital, Black River Falls, WI Dean Clinic, Wisconsin Dells, WI Gundersen Health System, La Crosse, WI Mayo Clinic Health System, Sparta, WI Benedictine Health System, La Crosse, WI Benedictine Manor, La Crosse, WI Brookdale Senior Living, La Crosse, WI Correctional Healthcare Companies, Eau Claire, WI Mile Bluff Medical Center, Mauston, WI Morrow Community Home, Sparta, WI Trempealeau County Health Care Center, Whitehall, WI

Year	2013-14
Types of jobs obtained	Charge RN/Wound Nurse CNA EMT LPN Patient Care Tech
Companies hiring Western graduates	Morrow Home Community, Sparta, WI Gundersen Health System, La Crosse, WI Caledonia Care & Rehab, Caledonia, MN Clare Bridge, La Crosse, WI Hillview Health Care Center, La Crosse, WI La Crosse County Jail, La Crosse, WI Lakeview Health Center, West Salem, WI Mayo Clinic Health System, Onalaska, WI / La Crosse, WI Tomah Memorial Hospital, Tomah, WI Tomah VA Medical Center, Tomah, WI

## Career Pathways Assessment

The assessment was not completed specifically for Practical Nursing. This program is a pathway into the Nursing – Associate Degree program. See Nursing – Associate Degree summary for specifics of the pathway survey.