NC Wisconsin: The Economy, The Workforce Shortage, and Trends

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What We Know Already……

- United States Economy will be an estimated 18 million skilled workers short of demand by 2020. ***(Manpower)***
- Wisconsin has loses the 7th largest portion of skilled talent to outbound population migration.
- Baby Boomers expected to be gone from the workforce by 2023. (74.9 million living in the United States).
- Millennials will make up the workforce majority by as early as 2021. (75.4 million between 18-34 in the United States Currently).
- Cost of living continues to rise. (Livable Wage $12.85)
- Wages are rising (Nationally average weekly wage rose 5.4% over this past year)

Baby Boomers in the Labor Force

County	Baby Boomers in LF	Total Labor Force	Percent of Total
Adams	2,503	8,337	30.02%
Forest	976	4,001	24.39%
Langlade	2,453	9,484	25.86%
Lincoln	3,436	15,273	22.50%
Marathon	16,176	73,516	22.00%
Oneida	4,886	18,653	26.19%
Portage	7,025	39,616	17.73%
Vilas	2,976	10,010	29.73%
Wood	8,689	34,452	25.22%
North Central	49,120	213,342	23.02%

The Regional Correlation

- Wisconsin Unemployment Rate 3.2% (17 year low)
- 15.6% of population is over 65
- 8.0% of population is disabled
- 12.1 % live below poverty line
- U.S. Birth rate reached record low of 1.86 babies/year, well below the 2.1 per needed for a stable population (ages 15-44)
- Birth rates of women 20-29 in 2015 hit historic lows equaling the rate for the time period in the years before and after the Great Recession (15% drop from 2007-2012)

Births in the Region

County	Births in 2016
Adams	128
Forest	112
Langlade	209
Lincoln	284
Marathon	1,635
Oneida	290
Portage	703
Vilas	168
Wood	810
Total	4,339

(Source: Wisconsin Dept. of Health Services)

School Name	2015-2016	2010-2011	2005-2006	Net loss/Gain
Antigo	2397	2575	2703	-306
Abbotsford	713	698	666	+47
Adams-Friendship	1568	1820	1971	-403
Athens	413	506	549	-136
Auburndale	842	894	863	-19
Colby	943	962	1064	-121
Crandon	889	913	964	-75
DC Everest	5803	5646	5388	+415
Edgar	626	678	639	-13
Elcho	349	352	385	-36
Flambeau	587	658	653	-66
Lac Du Flambeau	481	478	445	+36
Lakeland Union	708	834	945	-237
Laona	221	235	288	-67
Loyal	539	568	594	-56
Marathon City	695	658	684	+11
Marshfield	4046	4038	3907	+139
Merrill	3321	3070	3187	+134
Minocqua J1	555	543	579	-24
Mosinee	2082	2143	2044	+38
Nekoosa	1220	1284	1468	-248
Northland Pines	1308	1420	1405	-97
Phelps	148	138	179	-31
Pittsville	580	640	727	-147
Rhinelander	2424	2606	3004	-580
Rosholt	556	629	686	-130
Spencer	751	794	765	-14
SP Area SD	7231	7401	7253	-22
Stratford	959	871	769	+190
Three Lakes	492	606	667	-175
Tomahawk	1321	1398	1540	-219
Tomorrow River SD (Amherst)	1153	988	912	+241
Tri-County SD	641	686	802	-161
Wabeno	437	504	603	-166
Wausau	8454	8546	8768	-341
Port Edwards	360	452	514	-154
Weston	307	323	373	-66
Wisc Rapids	5241	5533	5862	-619
Woodruff J1	500	532	574	-74
Totals	61,861	63,620	65,389	-5.395%

Net Decrease of 3,528 kids

Wisconsin Population and Labor Force
Population
Labor Force
mln people
7
6
5
4
3
2
1
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
2025
2030

Projected Population Change 2015-2035 (Source DWD)

Population Shifts

Over 65 Population
2015 vs 2035

Population Migration Patterns

Age Demographics of Workforce

Economic Sector Analysis

Driver Economies (Pillars)

- Manufacturing
- Healthcare
- Transportation and Warehousing
- Finance and Insurance

Emerging Economies

- Construction
- Healthcare
- Wholesale Trade
- Information/Computer Science
- Management of Companies and Enterprises
- Agriculture

Top 10 Job U.S. Employers Can't Fill

1.Skilled Trade Workers (machinist, welders, maintenance, pipefitters, construction, etc)
2. Drivers (OTR/CDL)
3. Teachers
4. Sales Representatives
5. Administrative Professionals
6.Management Executives
7.Nurses
8.Technicians
9.Accounting and Finance Staff
10.Engineers
(Manpower 2016)

In Demand Jobs NC WI

- Teachers
- Engineers
- IT/Computer Science
- Registered Nurse
- CMA
- CAN
- Medical Assistant
- Diesel Technician
- Machinist
- Welder
- Carpenters/Construction
- Pipefitters
- Electricians
- Maintenance Technicians
- Auto Technicians and Collision
- Heavy Equipment Operator
- HR
- Accountants

Contrasting LMI For Computer-Controlled Operators 2000-2011 (UW-Milwaukee Study)(CNC #1 in demand Job in NC Wisconsin)

State	% Change median wage
ND	+37.9
Louisiana	+30.3
Arkansas	+20.0
Vermont	+18.1
Nevada	+15.9
Idaho	+15.7
Washington	+14.6
Ohio	-1.8
Illinois (3rd)	-2.2
Wisconsin (6th)	-5.6
Michigan	-6.2
USA	-1.6

Most Job Openings in NC Wisconsin (May 2017)

Higher Education Jobs will grow the fastest, lower-level (HS Diploma or less) will still make up largest percentage of Jobs.

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Thank You!!!