EMPLOYMENT AND ECONOMIC DEVELOPMENT

Changing Demographics in Minnesota

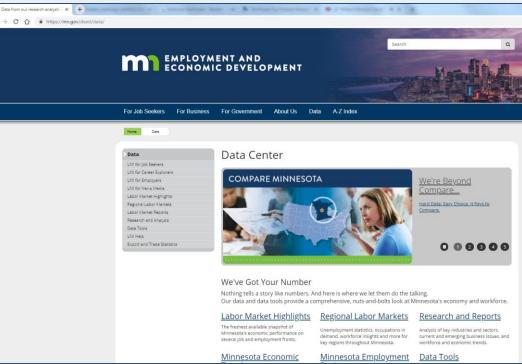
Cameron Macht

DEED Labor Market Information Office Regional Analysis & Outreach <u>www.mn.gov/deed/data/</u> October 25, 2019

LMI = Labor Market Information

- Each state produces employment and economic statistics in cooperation with the U.S. Department of Labor's Bureau of Labor Statistics
- LMI includes employment statistics, unemployment rates, wages and salaries, job projections and much, much more
- LMI is the foundation for informed, marketresponsive decisionmaking and planning

 We're here to help!





DEED's Regional Analysts



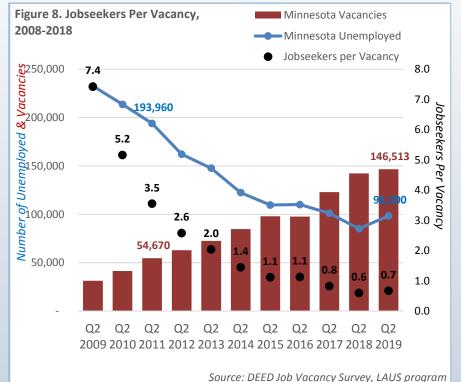
Perception Equals Reality

- How many people live in Minnesota?
 - How many live in Greater Minnesota?
 - 5,611,179 residents in 2018 (U.S. Census)
 - 2,512,172 people (3,099,007 people in the Twin Cities)
- How many Minnesotans are under 18 years? How many are 65 years & older?
 - 1,302,615 people (23.2%) in 2018
 - 889,802 people (15.9%) Greater MN = 18.2%
- How many workers are there in Minnesota?
 - 3,122,656 available workers in Sept. 2019 (DEED LAUS)
 - 1,382,912 of them are in Greater Minnesota
- What is the largest employing industry in Minnesota?
 - Health Care & Social Assistance (DEED QCEW)
 - 496,523 jobs at 17,794 establishments in Q1 2019



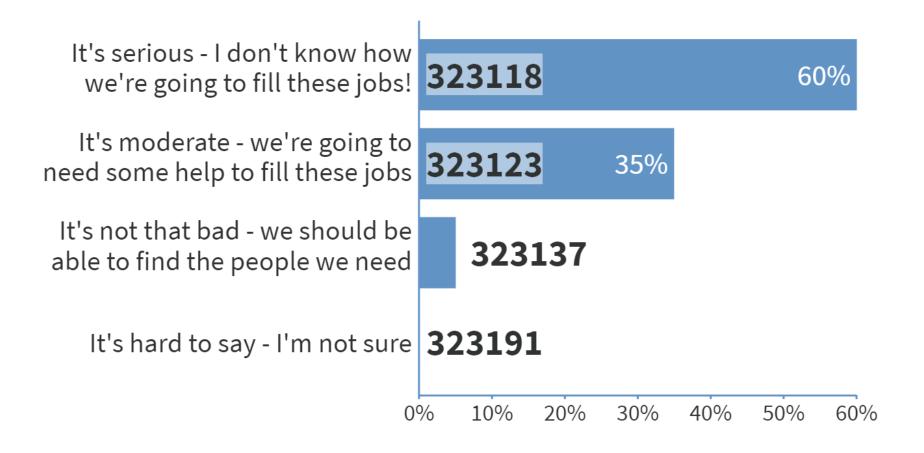
Minnesota's economy is strong:

- Low unemployment rates
 - Over 3 million workers
 - Under 90,000 unemployed
- Tight labor markets
 - Less than 1 jobseeker per vacancy
 - Baby Boomer retirements
- Diverse economy
- How do we help everyone succeed?



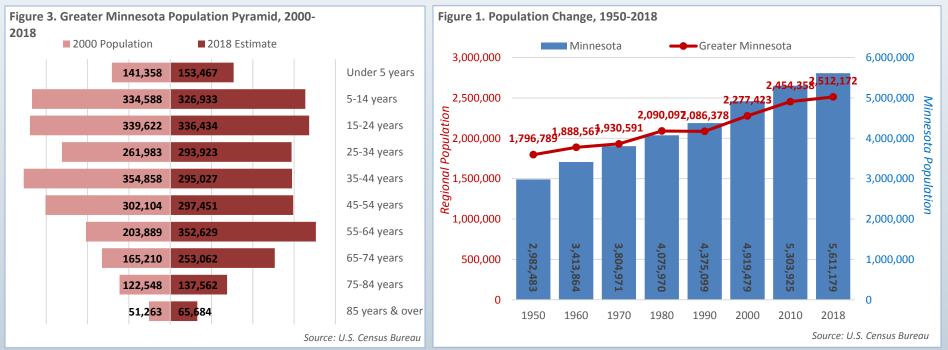
EMPLOYMENT AND ECONOMIC DEVELOPMENT 🗁 Text a **CODE** to **22333**

How dire is the workforce shortage in your community?



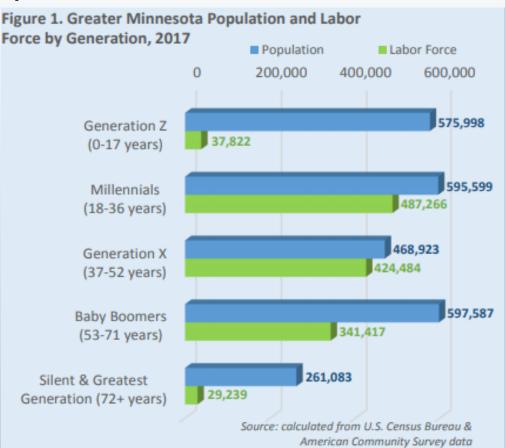
Demographic Trends

- Minnesota's population is still growing up to 5.6 million in 2018
 - Now the 22nd largest state in the U.S. (just behind Colorado)
 - Twin Cities grew +8.8%; Greater Minnesota grew +2.4%
- The Baby Boom generation (53-71 years) is causing a significant shift over time



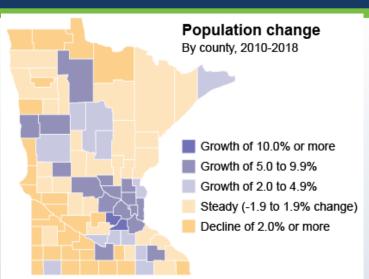
Demographic Trends

- Millennials are the largest generation in the state:
 - Generation Z = 1,298,657 people
 - (23.3%)
 - Millennials = 1,412,429
 - (25.3%)
 - Generation X = 1,109,083
 - (19.9%)
 - Baby Boomers = 1,265,278
 - (22.7%)
 - Silent & Greatest = 491,158
 - (8.8%)

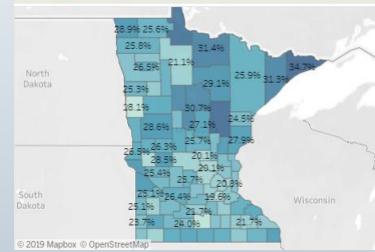


Population trends in Minnesota

- Half of the counties in the state saw population declines:
 - Carver Co. was fastest growing (+13.7%)
 - Scott Co. (+13.4%)
 - Wright Co. (+9.3%)
 - Hennepin Co. (+9.3%)
 - Washington Co. (+8.8%)
 - Lac qui Parle (-8.3%) was the fastest declining
 - Renville Co. (-7.1%)
 - Lake of the Woods (-7.1%)
 - Traverse Co. (-7.0%)
 - Kittson Co. (-6.7%)
- Baby Boomers are the largest generation in 8 of 13 regions
 - 54 of 87 counties!



Percentage of the Population in the Baby Boomer Generation, 2017



Demographic Trends

• Minnesota is 84% white, and is becoming more racially diverse

- Greater Minnesota = 91.9% white
- The White population increased 4.5% (+197,970 people) from 2000 to 2017
- The population of other races increased by +373,277 people (+71.9%)
- Black or African American, Hispanic or Latino, and Asian are the largest minority groups, but only 16% of total pop.
- Minnesota saw more births than deaths from 2010-2018
 - And saw domestic out-migration; but international in-migration

| | | Minne | esota | | |
|---------------------------------|----------------|------------|--------------|-------------|--|
| Table 2. Race and Hispanic | | | Change from | | |
| Origin, 2017 | Number | Percent | 2000 | 2017 | |
| | | | Numeric | Percent | |
| Total Population | 5,490,726 | 100.0% | +571,247 | +11.6% | |
| White | 4,598,252 | 83.7% | +197,970 | +4.5% | |
| Black or African American | 326,953 | 6.0% | +155,222 | +90.4% | |
| American Indian & Alaska Native | 57,566 | 1.0% | +2,599 | +4.7% | |
| Asian & Other Pacific Islander | 257,911 | 4.7% | +113,964 | +79.2% | |
| Some Other Race | 95,600 | 1.7% | +29,790 | +45.3% | |
| Two or More Races | 154,444 | 2.8% | +71,702 | +86.7% | |
| Hispanic or Latino origin | 284,649 | 5.2% | +141,267 | +98.5% | |
| Source: U.S. Census | s Bureau, 2013 | -2017 Amer | rican Commur | nity Survey | |

| Table 6. Cumulative Estimates of the Components of Population Change | | | | | | | | | | |
|--|---|---|--|--|---|--|--|--|--|--|
| Total | April 1, 2010 to July 1, 2018 | | | | | | | | | |
| Population | Natural | Natural Vital Events Net Migration | | | | ral Vital Events | | | | |
| Change | Increase | | | | | | | | | |
| reater Minnesota 57,824 61,558 244,986 183,428 -2,867 25,308 -28,175 | | | | | | | | | | |
| 307,254 | 228,289 | 228,289 570,171 341,882 81,671 107,830 -26,159 | | | | | | | | |
| | Total Population Change 57,824 | Total Population Natural Change Increase 57,824 61,558 | Total Population Natural Vital E Change Increase Births 57,824 61,558 244,986 | TotalPopulationNaturalVital EventsChangeIncreaseBirthsDeaths57,82461,558244,986183,428 | TotalPopulationNaturalVital EventsChangeIncreaseBirthsDeathsTotal57,82461,558244,986183,428-2,867 | April 1, 2010 to July 1, 2018Total PopulationNaturalVital EventsNet MigrationChangeIncreaseBirthsDeathsTotalInternational57,82461,558244,986183,428-2,86725,308 | | | | |

Source: U.S. Census Bureau. Population Estimates Proaram

Demographic Trends

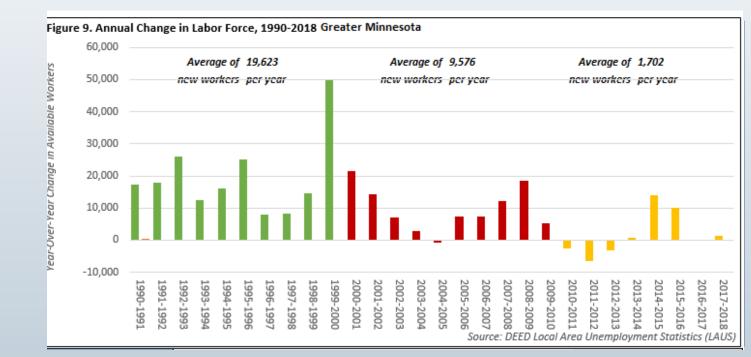
- Minnesota was home to about 450,000 (8.2%) foreign-born residents (primarily Asia, Latin America & Africa (+49%))
 - Greater Minnesota has 95,000 foreign-born residents (3.8%)
 - Primarily Latin America, Asia, Africa (+110%)
- About 324,250 available immigrant workers (10.5% of workforce)
 - 72.3% labor force participation rate
 - Younger age profile
 - Added +80,000 immigrant workers from 2010 to 2018 (+33%)
 - Added 57,000 native-born workers from 2010 to 2018 (+2%)
- One-fourth (24.2%) of immigrants had less than high school; 34% had a bachelor's degree or higher
- Language and educational barriers may need to be overcome



Labor Force Trends

Minnesota's labor force is still growing as well

- Up from 2,812,947 workers in 2000 (+257,276 workers; +9.1%)
 - From 1990 to 2000, Minnesota gained +414,049 workers (+17.3%)
 - From 2000 to 2010, Minnesota added +125,848 workers (+4.5%)
 - From 2010 to 2018, Minnesota added +131,428 workers (+4.5%)



Labor Force Trends

- Labor force growth is projected to slow more in the next decade
 - Huge loss in 55-64 year olds (-70,979 workers)
 - Big gains in 20-44 year olds (+92,528 workers)
 - Big gains in 65 years & older (+46,034 workers)
- Greater MN is expected to lose -33,000 workers

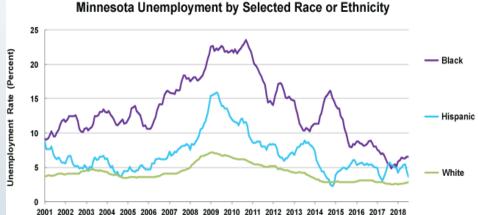
| Table 15. Labor Force Projections, 2020-2030 | | | | | | | | | |
|--|---------------------|---------------------|-----------|---------|--|--|--|--|--|
| Minnesota | 2020 Labor | 2030 Labor | 2020-2030 | Change | | | | | |
| Minnesota | Force Projection | Force Projection | Numeric | Percent | | | | | |
| 16 to 19 years | 169,642 | 167,530 | -2,112 | -1.2% | | | | | |
| 20 to 24 years | 342,326 | 378,558 | 36,232 | 10.6% | | | | | |
| 25 to 44 years | 1,234,214 | 1,290,510 | 56,296 | 4.6% | | | | | |
| 45 to 54 years | 602,222 | 611,017 | 8,794 | 1.5% | | | | | |
| 55 to 64 years | 560,791 | 489,812 | -70,979 | -12.7% | | | | | |
| 65 to 74 years | 157,518 | 193,484 | 35,966 | 22.8% | | | | | |
| 75 years & over | 24,211 | 34,278 | 10,068 | 41.6% | | | | | |
| Total Labor Force 3,090,925 3,165,190 74,265 2.4% | | | | | | | | | |
| Source: calculated from Minnesota State Demographic Center population projections and 2013-2017 American Community Survey 5-Year Estimates | | | | | | | | | |

| Table 15. Labor Force Projections, 2020-2030 | | | | | | | | |
|--|---------------------|---------------------|-----------|---------|--|--|--|--|
| Constant Missource | 2020 Labor | 2030 Labor | 2020-2030 | Change | | | | |
| Greater Minnesota | Force Projection | Force Projection | Numeric | Percent | | | | |
| 16 to 19 years | 79,437 | 70,463 | -8,974 | -11.3% | | | | |
| 20 to 24 years | 167,645 | 170,205 | 2,560 | 1.5% | | | | |
| 25 to 44 years | 493,799 | 515,195 | 21,396 | 4.3% | | | | |
| 45 to 54 years | 243,904 | 236,605 | -7,299 | -3.0% | | | | |
| 55 to 64 years | 249,364 | 190,304 | -59,060 | -23.7% | | | | |
| 65 to 74 years | 74,310 | 86,511 | 12,201 | 16.4% | | | | |
| 75 years & over | 13,376 | 19,539 | 6,163 | 46.1% | | | | |
| Total Labor Force | 1,321,834 | 1,288,821 | -33,013 | -2.5% | | | | |
| | | _ | | | | | | |

Source: calculated from Minnesota State Demographic Center population projections and 2013-2017 American Community Survey 5-Year Estimates

Employment Disparities

- Minnesota has significant employment disparities for minority groups; but it's getting better
 - Closing these gaps is crucial!
- Participation rates are lower and unemployment rates are also higher for:
 - Younger workers
 - Workers with disabilities
 - People with lower educational attainment



 The challenges we face over the next decades are so great we'll need to tackle them with a multi- pronged approach to attract and retain workers of all demographic characteristics



Labor Force Charateristics, 2017

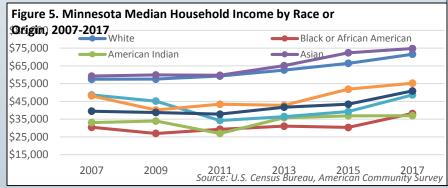
- Minnesota has higher labor force participation rates than the U.S.
 - 2nd highest rate overall
 - Higher in every age group!
- 85.9% of Minnesota workers are white
 - 11,028 white workers since 2007
 - Number of workers of other races jumped +61%
 - Hispanic or Latino workers increased by +47,244 since 2007 (+61%)
 - All but one race group has higher rates than whites
- Highest unemployment rates for minorities, lower education, disabilities

| Table 10. Employment Characteristics, 2017 | | | | | | | | |
|--|------------------|---------------|--------------|--------|--------------|--------|--|--|
| | | Gr | eater Minnes | ota | Minne | sota | | |
| | | In Labor | Labor Force | Unemp. | Labor Force | Unemp. | | |
| | | Force | Partic. Rate | Rate | Partic. Rate | Rate | | |
| Total Labor Force | | 1,321,769 | 67.1% | 4.4% | 69.9% | 4.3% | | |
| 16 to 19 years | | 75,645 | 56.3% | 13.0% | 52.6% | 12.8% | | |
| 20 to 24 years | | 143,984 | 83.8% | 6.7% | 84.2% | 7.1% | | |
| 25 to 44 years | | 504,658 | 87.6% | 4.2% | 88.4% | 3.9% | | |
| 45 to 54 years | | 281,608 | 86.8% | 3.1% | 87.2% | 3.0% | | |
| 55 to 64 years | | 243,870 | 71.3% | 3.0% | 72.5% | 3.2% | | |
| 65 to 74 years | | 58,892 | 25.8% | 2.5% | 27.4% | 2.7% | | |
| 75 years & over | | 11,572 | 6.0% | 2.6% | 6.1% | 2.8% | | |
| Employment Characteris | tics by Race & | Hispanic Ori | gin | | | | | |
| White alone | | 1,233,790 | 67.2% | 3.9% | 69.7% | 3.6% | | |
| Black or African American | | 21,655 | 63.1% | 17.6% | 69.8% | 11.0% | | |
| American Indian & Alask | a Native | 15,940 | 57.2% | 19.0% | 58.6% | 13.3% | | |
| Asian or Other Pac. Islan | nders | 19,681 | 69.2% | 6.0% | 71.1% | 5.2% | | |
| Some Other Race | | 12,242 | 73.3% | 9.2% | 77.2% | 7.5% | | |
| Two or More Races | | 16,982 | 67.8% | 10.0% | 72.5% | 9.1% | | |
| Hispanic or Latino | | 45,161 | 73.6% | 8.7% | 76.2% | 7.2% | | |
| Employment Characteris | tics by Disabili | ity | | | | | | |
| With Any Disability | | 69,236 | 51.6% | 8.8% | 52.3% | 9.5% | | |
| Employment Characterist | tics by Educat | ional Attainn | nent | | | | | |
| Population, 25 to 64 year | rs | 1,030,259 | 82.9% | 3.3% | 84.1% | 3.59 | | |
| Less than H.S. Diploma | | 49,561 | 65.8% | 4.4% | 65.4% | 4.99 | | |
| H.S. Diploma or Equivalent | | 274,250 | 78.6% | 2.7% | 78.7% | 2.99 | | |
| Some College or Assoc. Degree | | 416,592 | 84.7% | 2.9% | 85.2% | 3.59 | | |
| Bachelor's Degree or Hi | gher | 289,719 | 88.8% | 1.6% | 89.6% | 2.19 | | |
| Employment Characterist | tics by Gende | r | | | Minne | sota | | |
| Male | 984,897 | 695,007 | 70.6% | 4.8% | 73.7% | 4.89 | | |
| Female | 984,641 | 625,234 | 63.5% | 3.4% | 66.1% | 3.89 | | |
| | | - | 017 American | | | C.F. | | |

Source: 2013-2017 American Community Survey, 5-Year Estimates

Economic Disparities

- Minnesota has a well-educated workforce
 - Highest percentage of adults with a H.S. diploma
 - 10th highest for bachelor's degree or higher
- Not only hard working, Minnesotans are also high-earning
 - Median Household Income = \$68,388 (U.S. = \$60,336)
 - Asian = \$74,766
 - White = \$71,547
 - Black = \$38,147
 - American Indian = \$36,912
 - Hispanic/Latino = \$50,866



| Figure 4. Minnesota Educational Attainment for the population aged 25 years & over by Race or Origin, 2017 | | | | | | | | | | | |
|--|---------|-----------------|-----------|-------|-----|-------|----------|----------|------|-------|----|
| Less than high school diploma High school graduate (inc. equiv.) | | | | | | v.) | | | | | |
| □ Some | college | or ass | sociate's | degre | ee | 🗖 Bac | helor' | s degree | or h | igher | |
| 0 | % | 20 |)% | 40 | % | (| 50% | 80 |)% | 100 |)% |
| Total Population | 7.2% | 25. | 4% | | 3 | 2.6% | | 3 | 4.8% | | |
| White Alone | 5.3% | .3% 25.8% 33.2% | | 8.2% | | 35.8% | | | | | |
| Black or African American | 18.7 | % | 26. | 3% | | 34.9% | | 2 | 0.2% | | |
| American Indian Alone | 17.19 | % | 32 | 2.7% | | | 38 | 8.0% | | 12.1% | |
| Asian Alone | 20.0 |)% | 15.8% | 6 | 21. | .2% | 2% 43.09 | |)% | | |
| Some Other Race Alone | | 44.1% | | 26. | 6% | 17. | 2% | 12.1% | | | |
| Two or More Races | 10.3% | 10.3% 20.8% 37 | | 87.3% | | | 31.6 | % | | | |
| Hispanic or Latino | | 35.2 | % | | 26 | 5.1% | | 22.3% | | 16.4% | |

Source: 2013-2017 American Community Survey

Student Enrollment Trends

• There are 384,110 K-12 students in Greater Minnesota

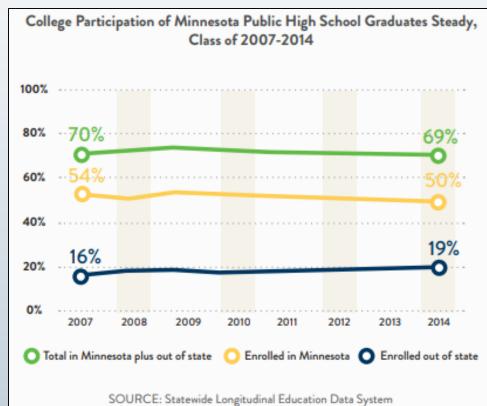
- (at public schools) in 2018-2019; 410,397 including private schools
 - +2.0% from 2009-2019
- 80,854 minority students 21.0% of total students (state = 34.2%)
 - +68.6% from 2009-2019
- Two groups of seniors what are you going to do with your life?
 - "Seniors" refers to 12th graders, and also anyone aged 55 years & older(?)
 - 426,197 people from
 55 to 67 years
 - Essentially, Greater Minnesota will have more "seniors" than "seniors" in every grade level from 8th grade on...

| | Table 2. Greater Minnesota Population by Age & Student Enrollment by Grade Counts, 2017-2018 | | | | | | | | |
|------------------------|---|-------------|---------|-----------------------|--|--|--|--|--|
| Grade | Number | Age | Number | Compared to Adults | | | | | |
| Kindergarten | 30,855 | 55 years | 38,340 | -7,485 | | | | | |
| 1 st grade | 30,417 | 56 years | 36,839 | -6,422 | | | | | |
| 2 nd grade | 30,874 | 57 years | 36,082 | -5,208 | | | | | |
| 3 rd grade | 31,455 | 58 years | 35,316 | -3,861 | | | | | |
| 4 th grade | 32,763 | 59 years | 32,967 | -204 | | | | | |
| 5 th grade | 32,854 | 60 years | 34,439 | -1,585 | | | | | |
| 6 th grade | 32,269 | 61 years | 32,862 | -593 | | | | | |
| 7 th grade | 31,849 | 62 years | 35,226 | -3,377 | | | | | |
| 8 th grade | 31,823 | 63 years | 33,589 | -1,766 | | | | | |
| 9 th grade | 31,633 | 64 years | 26,274 | +5,359 | | | | | |
| 10 th grade | 31,029 | 65 years | 28,709 | +2,320 | | | | | |
| 11 th grade | 31,125 | 66 years | 28,824 | +2,301 | | | | | |
| 12 th grade | 31,451 | 67 years | 26,730 | +4,721 | | | | | |
| All Grades | 410,397 | 55-67 years | 426,197 | -15,800 | | | | | |

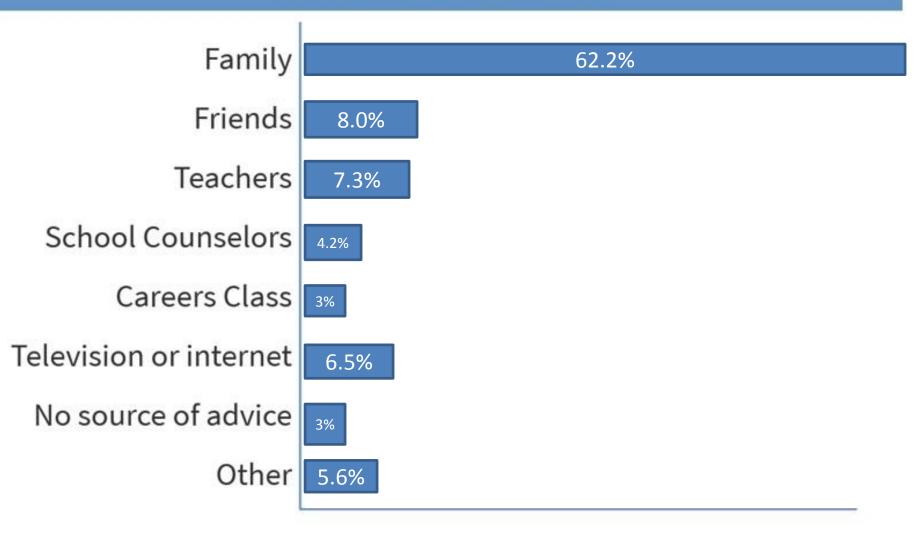
Source: Minnesota Dept. of Education, U.S. Census Bureau

SLEDS.mn.gov

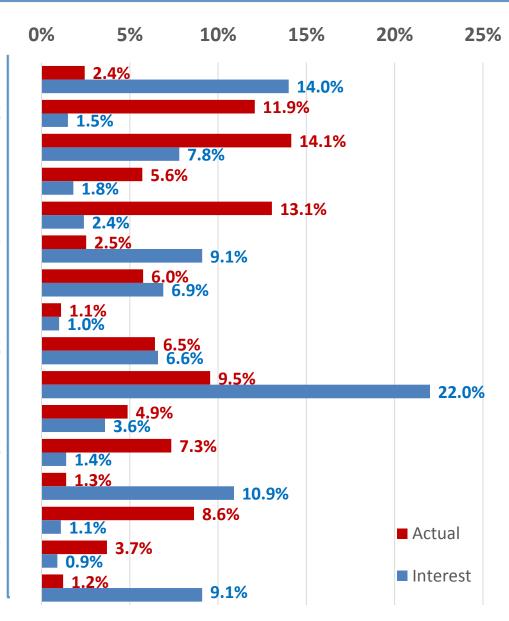
- 80-90% of students raise their hands
- 70% of students enroll in the fall
 - 58% go to 4-year schools
 - 42% go to 2-year schools
- sleds.mn.gov
 - Enrollment
 - By college type
 - Top colleges
 - Completing College
 - Entering the Workforce...



What is your primary source of advice about your future education and career?



What career cluster do you think students are most interested in?



Agriculture, food and natural resources Marketing Business, management and administration Finance Hospitality and tourism Law, public safety, and security Human services Government and public administration Education and training Health science Architecture and construction Manufacturing Science, technology, engineering and mathematics Transportation, distribution, and logistics Information technology

Arts, audio/video technology, and communications

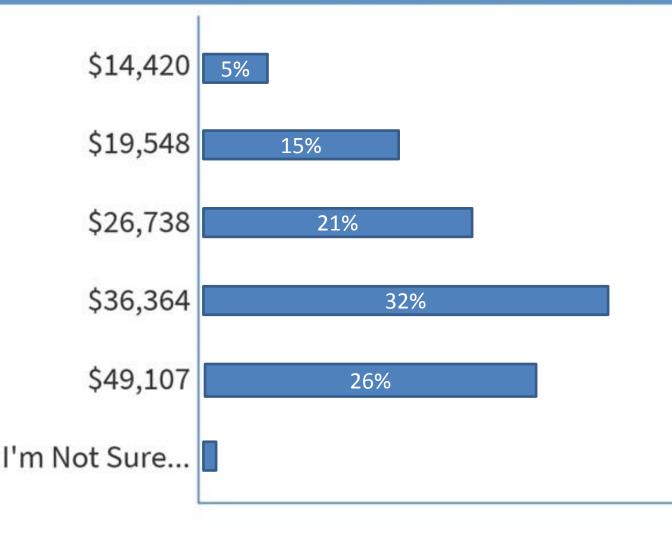
How many of you are planning to attend **College?**

Which college?

How much will that COSt?



How much does college cost? How much are average annual expenses at a 4-year state college?



Start the presentation to see live content. Still no live content? Install the app or get help at PollEv.com/app

www.ohe. state.mn.us

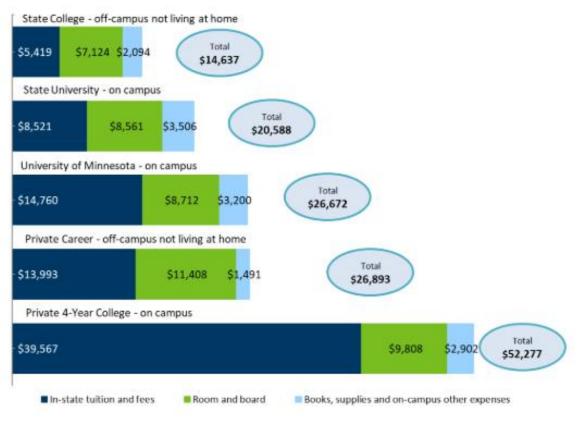
"I'M SO POOR, RAMEN LOL"

ABERCROMBIE FIRST SEMSTER: PHYSICS/ CHEM DOUBLE MAJOR

memecrunch.com

HAS IPHONE, MACBOOK, WEARS

Average Annual Expense for a Resident Undergraduate Attending Full-Time at a Minnesota College, 2018-2019



Source: Minnesota Office of Higher Education for tuition data; U.S. Department of Education, IPEDS Institutional Characteristics Survey for other data

Tuition data for 2018-2019 as used for state grant purposes.

Room and board and other expenses for 2017-2018.

Costs vary by institution. Look up current college costs for individual colleges on the College Navigator.

Source: Minnesota Office of Higher Education for tuition data; U.S. Department of Education, IPEDS Institutional Characteristics Survey for other data

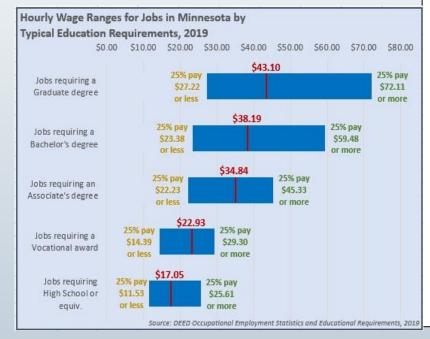
The Most Important Reason?

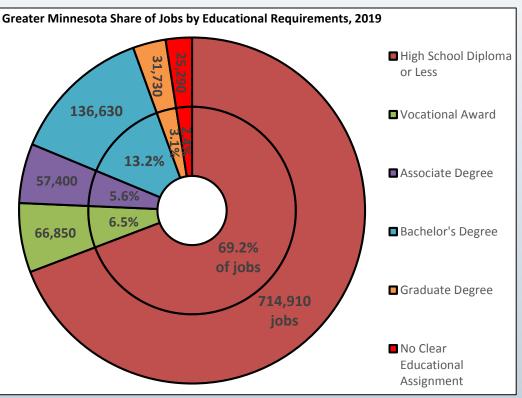
- Students seem to want to use college to further their careers and make more money
- But all of the reasons listed probably play some part in the decision...

| | If you are considering college, what is the most important | | | | | | | |
|---|--|-------------------|----------------|--------------|------------|--|--|--|
| reason? | 0.0% | 10.0% | 20.0% | 30.0% | 40.0% | | | |
| Because my family and/or friends exp me to | pect | 5.2% | | | | | | |
| To be able to make more mo | ney | | | | 32.8% | | | |
| To gain a general education a appreciation of ideas | and | 6.5% | | | | | | |
| To get training for a specific car | reer | | | | 36.8% | | | |
| To learn more about things that inter me | rest | | 16.7% | | | | | |
| To make me a more cultured per | son 2 | .0% | | | | | | |
| | Source: D | DEED survey at So | outhwest Minne | esota Career | Ехро, 2018 | | | |

Preparing for your career

- Over half of all jobs can be started with a high school diploma or less
- Just over 1/3rd require college
- Education can be a very worthwhile investment





Job Vacancies

- Record-breaking vacancy levels across the state
 - Median wage offer was \$15.00 in 2nd Qtr. 2019 (\$14.04 in Greater MN)
 - 30% require postsecondary education; 45% require work experience
- Occupations in Demand are spread across many educational levels, wage levels, and regions

| | Greate | er Minnesota | |
|--------------------------------|---|-------------------------------------|----------------------------------|
| Less than High School | High School or Equivalent | Some College or Assoc. Degree | Bachelor's Degree or Higher |
| | | | |
| Retail Salespersons | Heavy & Tractor-Trailer Truck Drivers | Registered Nurses | Computer Systems Analysts |
| \$22,610 | \$44,250 | \$75,401 | \$90,864 |
| | First-Line Supervisors of Retail Sales | | Software Developers, |
| Personal Care Aides | Workers | Nursing Assistants | Applications |
| \$24,313 | \$39,150 | \$30,712 | \$91,765 |
| Combined Food Prep & | First-Line Supervisors of Food Prep & | Licensed Practical & Licensed | Elementary & Secondary |
| Serving Workers | Serving Workers | Vocational Nurses | School Teachers |
| \$20,482 | \$32,705 | \$44,384 | \$61,518 |
| | | Automotive Service Technicians & | |
| Cashiers | Customer Service Representatives | Mechanics | Human Resources Specialists |
| \$20,660 | \$37,515 | \$39,751 | \$59,409 |
| | Sales Representatives, Wholesale & | Emergency Medical Technicians & | |
| Home Health Aides | Manufacturing | Paramedics | Industrial Engineers |
| \$26,593 | \$62,690 | \$37,022 | \$86,864 |
| Maids & Housekeeping | Light Truck or Delivery Services | Heating, Air Cond. (HVAC) & Refrig. | Child, Family, & School Social |
| Cleaners | Drivers | Mechanics | Workers |
| \$24,200 | \$34,997 | \$51,924 | \$55,047 |
| Waiters & Waitresses | Medical Assistants | Electricians | Mental Health Counselors |
| | | | |
| \$20,194 | \$38,221 Secretaries & Administrative | \$67,517 | \$47,169 |
| Cooks, Restaurant | Assistants | Machinists | Accountants & Auditors |
| \$26,305 | | | |
| 520,505 Laborers & Freight, | \$39,414 Maintenance & Repair Workers, | \$47,854 | \$65,460 |
| Stock & Material | General | Computer User Support Specialists | Special Education Teachers |
| \$30,951 | | \$52.323 | \$62,703 |
| Landscaping & | \$42,011 | \$52,525 | \$62,705 |
| Groundskeeping | Security Guards | Industrial Machinery Mechanics | Nurse Practitioners |
| \$30,106 | \$30.517 | \$53,900 | \$108,221 |
| \$50,100 | \$50,517 | | urce: DEED Occupations in Demand |

Industry Employment

- Minnesota's economy is still adding jobs
 - Up to 3 million jobs in June 2019 (CES)
 - Recovered all jobs lost during the Great Recession by 2013; 10 years of expansion!
- Health Care & Social Assistance is the largest industry = 221,630 jobs
- Manufacturing is still second largest = 150,570
- Retail Trade (130,685) & Accommodation & Food Services (92,540) had 19.9% of jobs
 - Low wages, part-time
- Educational Services had 96,059 jobs
- Construction (+13.7%), Transportation & Warehousing (+11.9%) and Professional & Technical Svcs. (+11.1%) were the fastest growing industries

| Greater Minnesota | | 2018 Ar | inual Data | | 2013-2018 | | 2017-2018 | |
|------------------------------------|--------------------|-------------------|-----------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|
| NAICS Industry Title | Number of Firms | Number of Jobs | Total Payroll (\$1,000s) | Avg. Annual Wage | Change in Jobs | Percent Change | Change in Jobs | Percent Change |
| Total, All Industries | 91,760 | 1,119,152 | \$53.110.427 | \$47,456 | 47,594 | 4.4% | 4,704 | 0.4% |
| Agriculture, Forestry, Fish & Hunt | 2,584 | 18,821 | \$750,677 | \$39,885 | 1,234 | 7.0% | -334 | -1.7% |
| Mining | 176 | 5,235 | \$481,024 | \$91,886 | -318 | -5.7% | 106 | 2.1% |
| Construction | 10,039 | 56,723 | \$3,307,173 | \$58,304 | 6,855 | 13.7% | 399 | 0.7% |
| Manufacturing | 4,366 | 150,570 | \$8,319,079 | \$55,251 | 6,160 | 4.3% | 1,184 | 0.8% |
| Utilities | 353 | 7,561 | \$768,289 | \$101,612 | -801 | -9.6% | -144 | -1.9% |
| Wholesale Trade | 8,325 | 51,318 | \$3,914,100 | \$76,271 | -948 | -1.8% | 82 | 0.2% |
| Retail Trade | 9,777 | 130,685 | \$3,536,929 | \$27,065 | 1,927 | 1.5% | -604 | -0.5% |
| Fransportation & Warehousing | 3,779 | 36,673 | \$1,622,295 | \$44,237 | 3,895 | 11.9% | 806 | 2.2% |
| Information | 2,403 | 15,563 | \$908,011 | \$58,344 | -831 | -5.1% | -658 | -4.1% |
| Finance & Insurance | 4,689 | 33,070 | \$2,321,199 | \$70,190 | -1,447 | -4.2% | -450 | -1.3% |
| Real Estate & Rental & Leasing | 2,257 | 8,397 | \$287,432 | \$34,230 | 221 | 2.7% | -91 | -1.1% |
| Professional & Technical Services | 10,980 | 34,659 | \$2,633,672 | \$75,988 | 3,451 | 11.1% | 122 | 0.4% |
| Management of Companies | 595 | 8,510 | \$760,282 | \$89,340 | -57 | -0.7% | 28 | 0.3% |
| Admin. Support & Waste Mgmt. Svcs. | 4,168 | 38,220 | \$1,495,654 | \$39,133 | -519 | -1.3% | 262 | 0.7% |
| Educational Services | 2,111 | 96,059 | \$4,218,228 | \$43,913 | 5,173 | 5.7% | 559 | 0.6% |
| Health Care & Social Assistance | 7,381 | 221,630 | \$11,804,294 | \$53,261 | 13,540 | 6.5% | 2,451 | 1.1% |
| Arts, Entertainment, & Recreation | 1,703 | 18,020 | \$390,864 | \$21,691 | -938 | -4.9% | -6 | 0.0% |
| Accommodation & Food Services | 5,863 | 92,540 | \$1,562,826 | \$16,888 | 4,771 | 5.4% | -48 | -0.1% |
| Other Services | 7,650 | 33,208 | \$957,963 | \$28,847 | 1,879 | 6.0% | 203 | 0.6% |
| Public Administration | 2,557 | 61,690 | \$3,070,435 | \$49,772 | 4,351 | 7.6% | 835 | 1.4% |

Source: DEED Quarterly Census of Employment & Wages (OCEW) program

Industry Employment Projections

- Greater Minnesota's economy is projected to grow 4.4%
 - +53,651 jobs from 2016 to 2026
- Construction, Manufacturing, Admin. Support & Waste Mgmt. Svcs., Transportation & Warehousing, Agriculture, Public Administration, Professional & Technical Services, Accommodation & Food Services, & Wholesale Trade expected to grow
 - In addition to new jobs, almost 600,000 jobs will become available from labor market exit openings due to retirements

| Table 39. Regional Industry Employment Projections, 2016-2026 | | | | | | | |
|---|-----------------------------------|-----------------------------------|--------------------------------|--------------------------------|--|--|--|
| Greater Minnesota | Estimated Employ- ment 2016 | Projected Employ- ment 2026 | Percent Change 2016-2026 | Numeric Change 2016-2026 | | | |
| Total, All Industries | 1,218,949 | 1,272,600 | 4.4% | 53,651 | | | |
| Agriculture, Forestry, Fish & Hunt | 21,167 | 24,315 | 14.9% | 3,148 | | | |
| Mining | 4,698 | 4,982 | 6.0% | 284 | | | |
| Utilities | 6,945 | 7,164 | 3.2% | 219 | | | |
| Construction | 49,833 | 55,000 | 10.4% | 5,167 | | | |
| Manufacturing | 147,559 | 151,572 | 2.7% | 4,013 | | | |
| Wholesale Trade | 40,826 | 42,830 | 4.9% | 2,004 | | | |
| Retail Trade | 129,905 | 128,031 | -1.4% | -1,874 | | | |
| Transportation & Warehousing | 36,929 | 40,082 | 8.5% | 3,153 | | | |
| Information | 13,596 | 12,038 | -11.5% | -1,558 | | | |
| Finance & Insurance | 30,703 | 31,221 | 1.7% | 518 | | | |
| Real Estate & Rental & Leasing | 7,398 | 7,597 | 2.7% | 199 | | | |
| Professional & Technical Services | 24,106 | 26,830 | 11.3% | 2,724 | | | |
| Management of Companies | 7,959 | 8,195 | 3.0% | 236 | | | |
| Administrative & Waste Services | 31,972 | 36,361 | 13.7% | 4,389 | | | |
| Educational Services | 99,870 | 100,736 | 0.9% | 866 | | | |
| Health Care & Social Assistance | 208,175 | 233,381 | 12.1% | 25,206 | | | |
| Arts, Entertainment, & Recreation | 20,449 | 20,439 | 0.0% | -10 | | | |
| Accommodation & Food Services | 87,885 | 89,957 | 2.4% | 2,072 | | | |
| Other Services, Ex. Public Admin | 46,011 | 46,194 | 0.4% | 183 | | | |
| Public Administration | 81,376 | 84,311 | 3.6% | 2,935 | | | |

Source: DEED 2016-2026 Employment Outlook

Conclusions

- In the face of increasingly tight labor markets, a growing scarcity of workers is now recognized as one of Minnesota's most significant barriers to sustained economic growth
 - The white, native-born workforce is aging; but many workers are staying in the labor force longer
 - Immigration and all forms of diversity has been and will continue to be a vital source of the workforce that employers need to succeed
 - The challenge remains aligning student and jobseeker perceptions with labor market realities
- We must make most of the workforce we have by removing frequent impediments to work
 - Skills, transportation, child care, sick leave, low wages; housing markets, health care, labor exchange systems



Who else can help?

• DEED – CareerForce

- Regional Labor Market Information
- <u>Workforce Strategy Consultants</u>, <u>Employer Navigators</u>
- <u>Workforce development partners</u>
 - <u>CareerForceMN.com</u>

— <u>Minnesotaworks.net</u>

| ← → C 合 ⓐ State of Minnesota [US] https://www.minnesotaworks.net | | | ॰ ☆ ♀ Ө |
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| Minnesota works.net | Your NO FEE online job ba for finding jobs and | ank employees in Minnesota | Username/ Password Forgot Username/Password |
| JOB SEEKERS | | EMPLO | YERS |
| 89023 Position Openings LOB SEEKER REGISTRATION | | 28283 Activ | |
| Vou're 1 step closer to finding a perfect job Use Internet Explorer, Edge and Firefox as your browser. Chrome or Safari wi Register for your NO FEE account to: • Create or ugload an online resume • March your rasume to job openings • Perform advanced job searches • Have employers contact you directly • Receive email notification of new jobs Career Seeker Services User Training Lessons Predex Curret Jab Darless | Il create errors. | Personards expire at 90 days. Select the Torget username/password' link below the upper of You're 1 step closer to finding a great employeed Register for your NO FEE account to: Besarch the state's largest online resume database Post you job beeninger at NO FEE Use job match technology to find top candidates Save condidates' resumes to review and recruit later Receive emails when resumes match your job criteria HIRE A VETERAN – 2 Easy Steps Employer Services | right login box if you need a new password. Please do not complete a new registration. |

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Newsroom

THANK YOU!

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