

Minnesota's climate is changing



Minneapolis ranked #2
St. Paul as #8
in the 25 U.S. cities most affected by
climate change

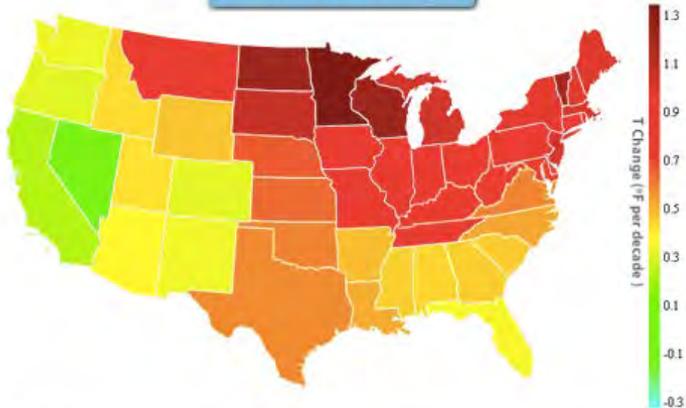
2015 weather.com study
<http://stories.weather.com/disruptionindex>

CLIMATE CO CENTRAL

Winters Are Warming Across the U.S.

Trends in Average Winter Temperatures, 1970-2012

See the 1912-2012 Map »



Average winter temperatures have been rising in every state since 1970. This map shows how fast each state has been warming each decade over the past 43 years.



Minnesotans have spent at least \$13 billion every year since 2010 on fossil fuels imported into the state.

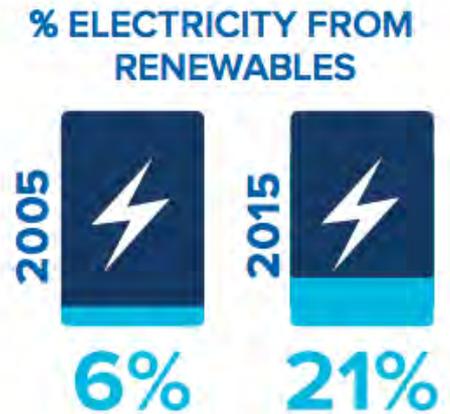
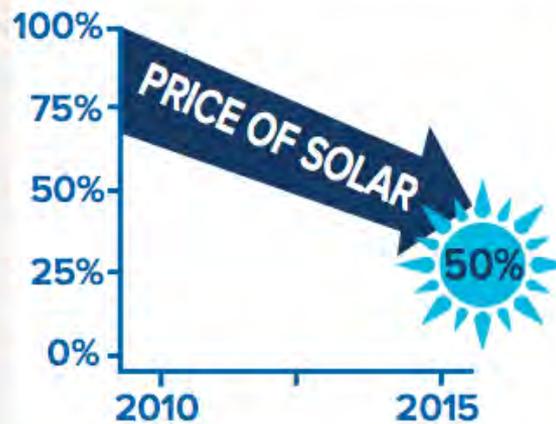
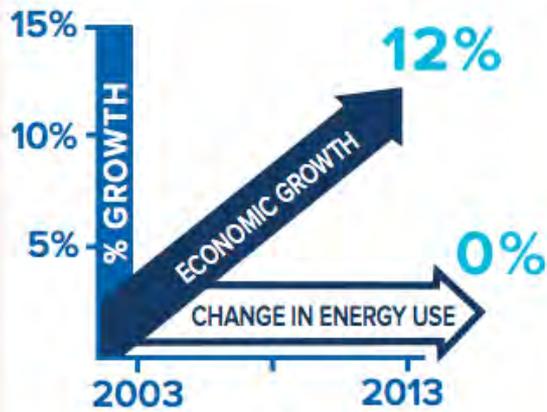
(MN Clean Energy Economy Report, 2014)



In Minnesota...

1

THE ENERGY LANDSCAPE IS RAPIDLY CHANGING



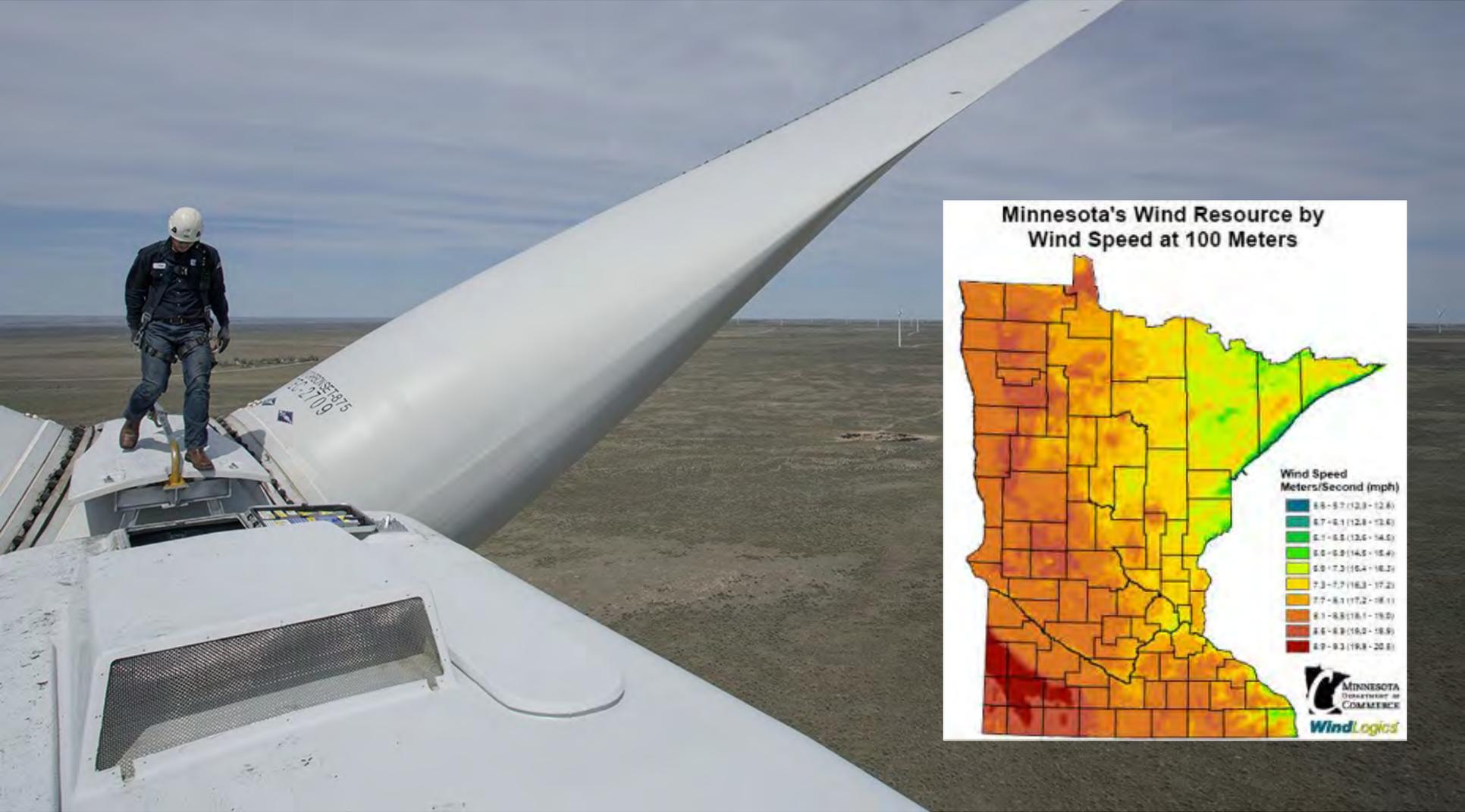
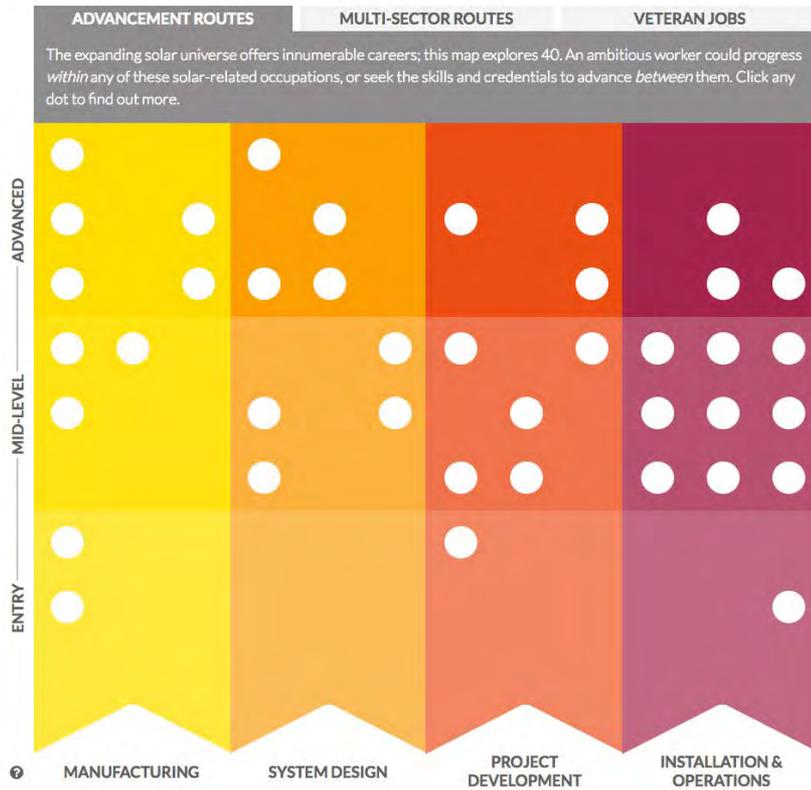
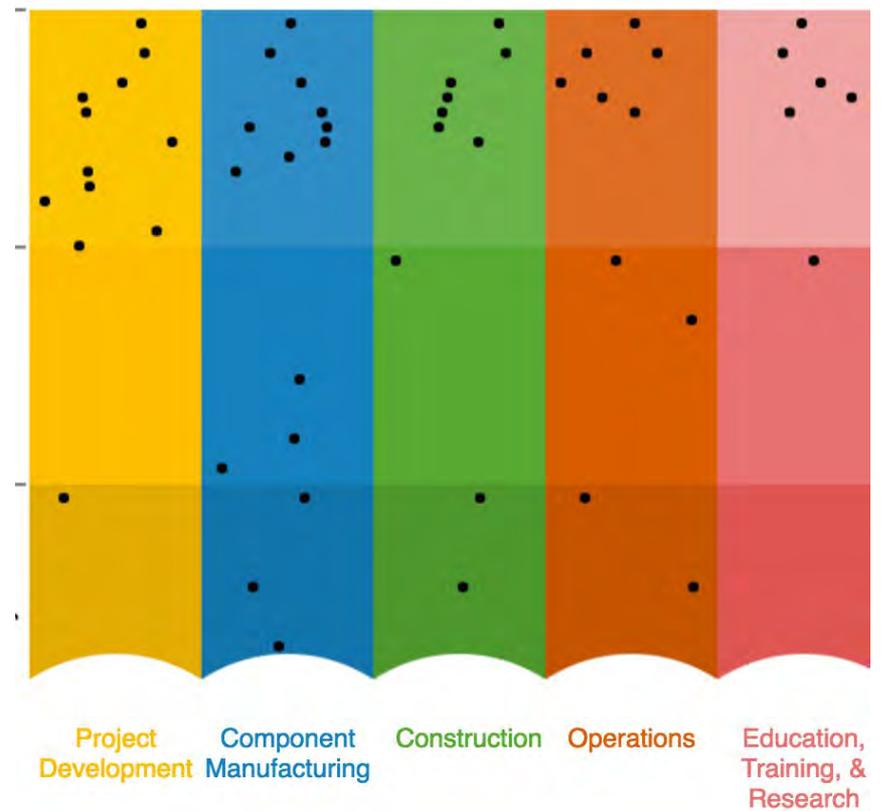


Photo: © 2016 Matthew Staver/Bloomberg via Getty Images
Data: U.S. Bureau of Labor Statistics via Bloomberg

Solar Career Map



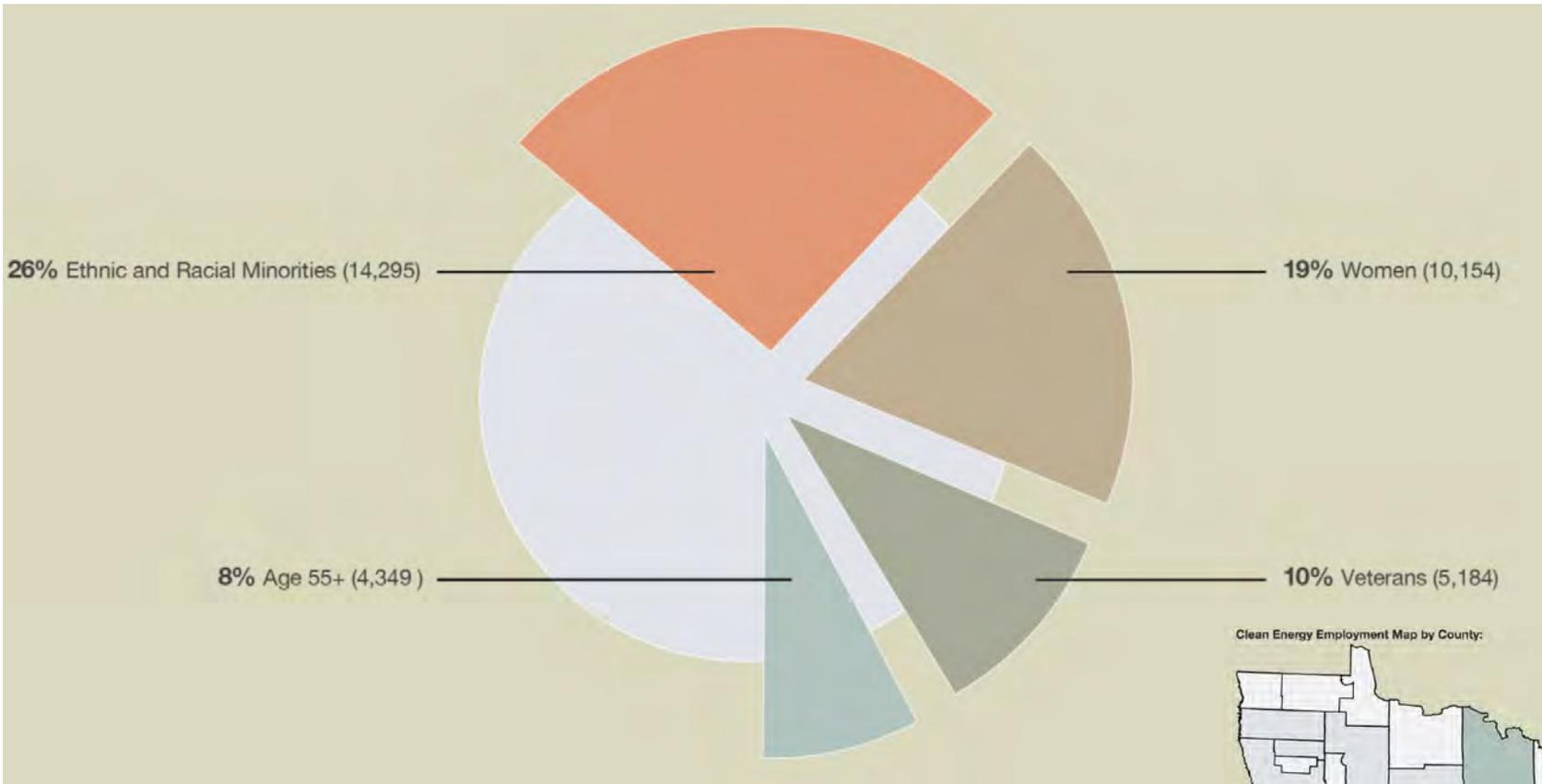
Wind Career Map



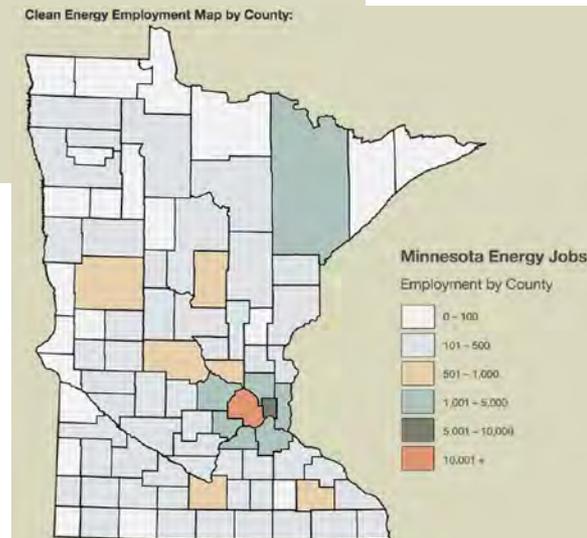
OUTDOOR & ENVIRONMENTAL
Career Tree



Minnesota's Clean Energy Industry



75% of employers surveyed report difficulty hiring due to lack of experience, training and education as leading factors.



Minnesota becoming increasingly diverse

State Demographic Center - the minority population grew +37.3%, compared to +4.1% for whites

Table 4. Race and Hispanic Origin, 2015	Minnesota		
	Number	Percent	Change from 2000-2015
Total	5,419,171	100.0%	10.2%
White	4,594,367	84.8%	4.4%
Black or African American	299,176	5.5%	74.2%
American Indian & Alaska Native	56,561	1.0%	2.9%
Asian & Other Pac. Islander	242,756	4.5%	68.6%
Some Other Race	82,085	1.5%	24.7%
Two or More Races	144,226	2.7%	74.3%
Hispanic or Latino origin	270,984	5.0%	89.0%

[Source: U.S. Census Bureau, 2011-2015 Amer](#)

MN Ranking in On-Time Graduation Rates

**MINNESOTA'S
RANKING AMONG
THE 50 STATES
IN ON-TIME
GRADUATION
RATES FOR
THE 2014-15
SCHOOL YEAR**

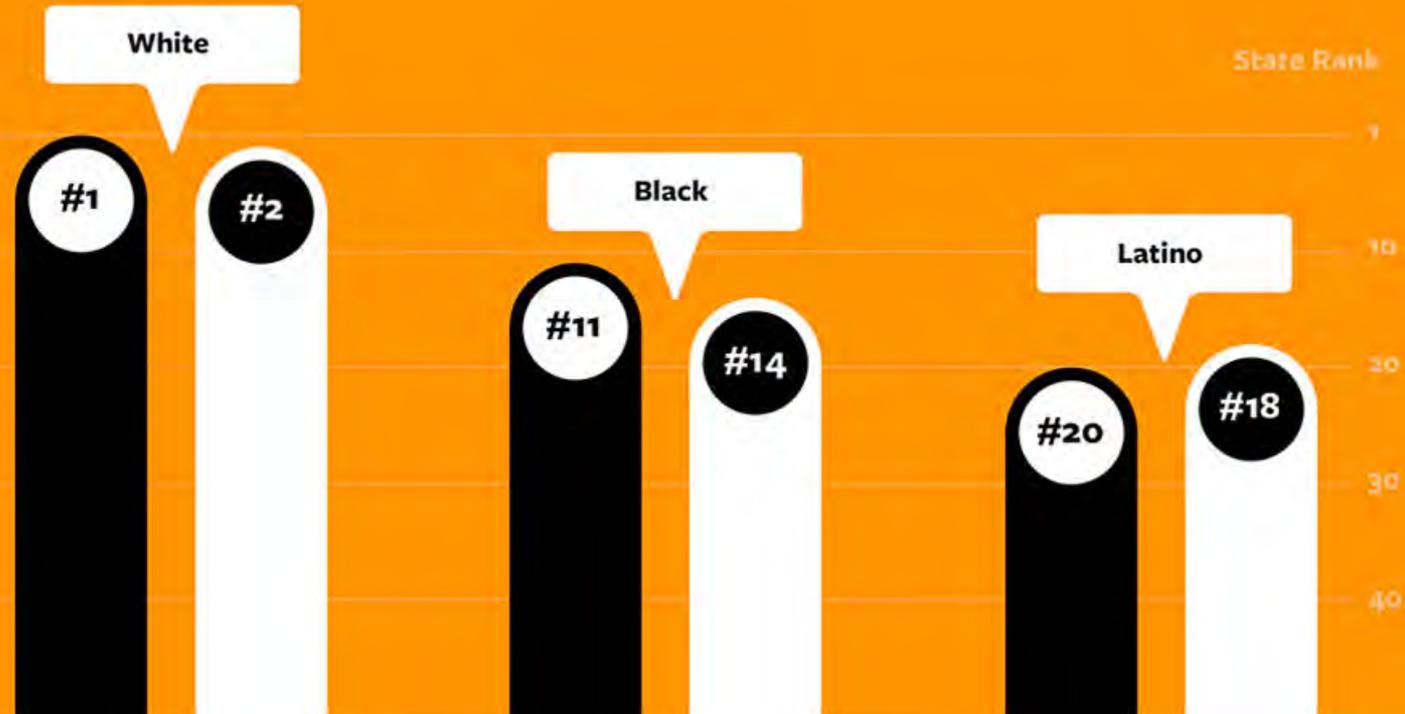
Overall	34
White	32
Amer. Indian	45
Asian Amer.	46
Black	48
Latino	50



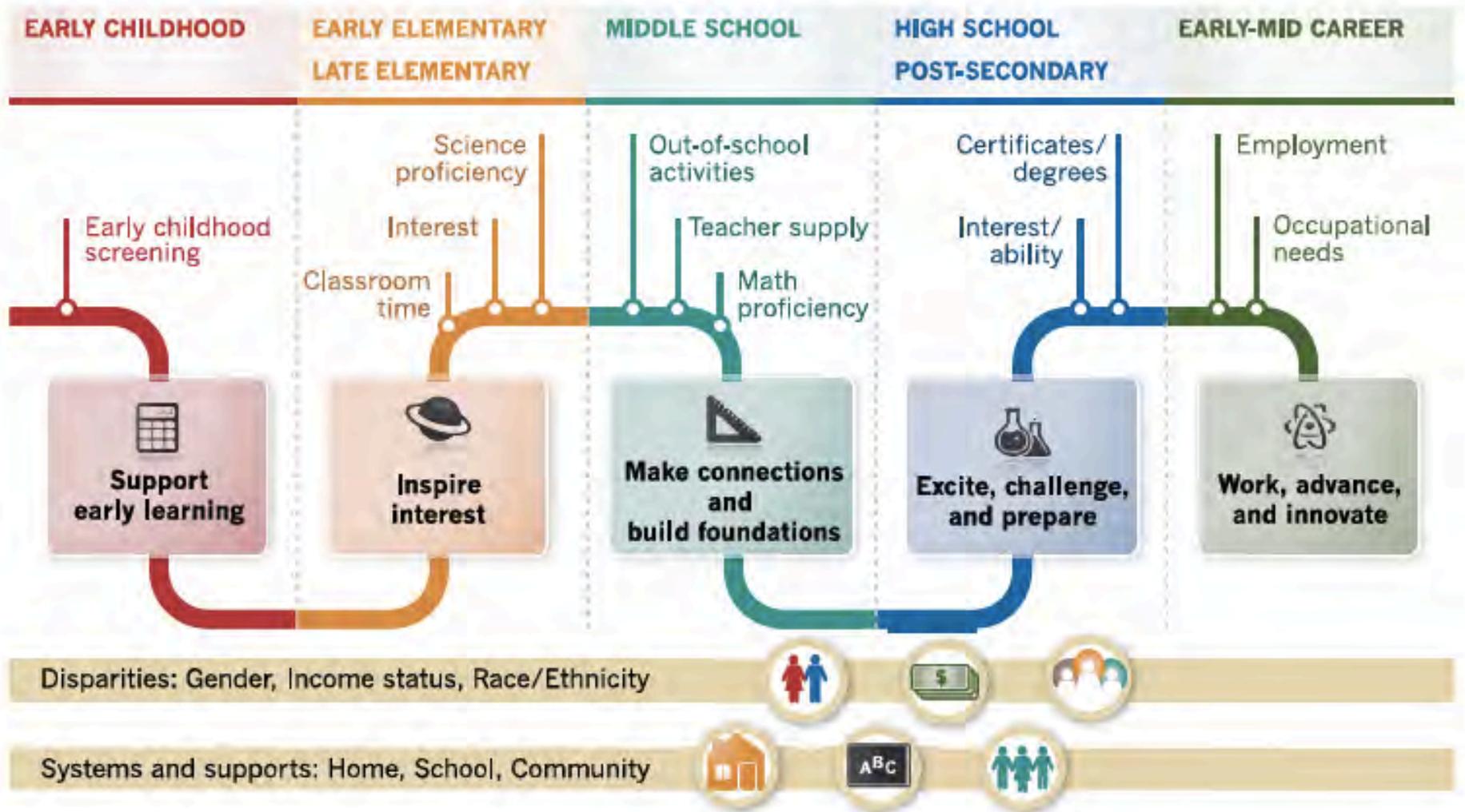
MN Ranking - Fourth and Eighth Grade Math Scores - 2015

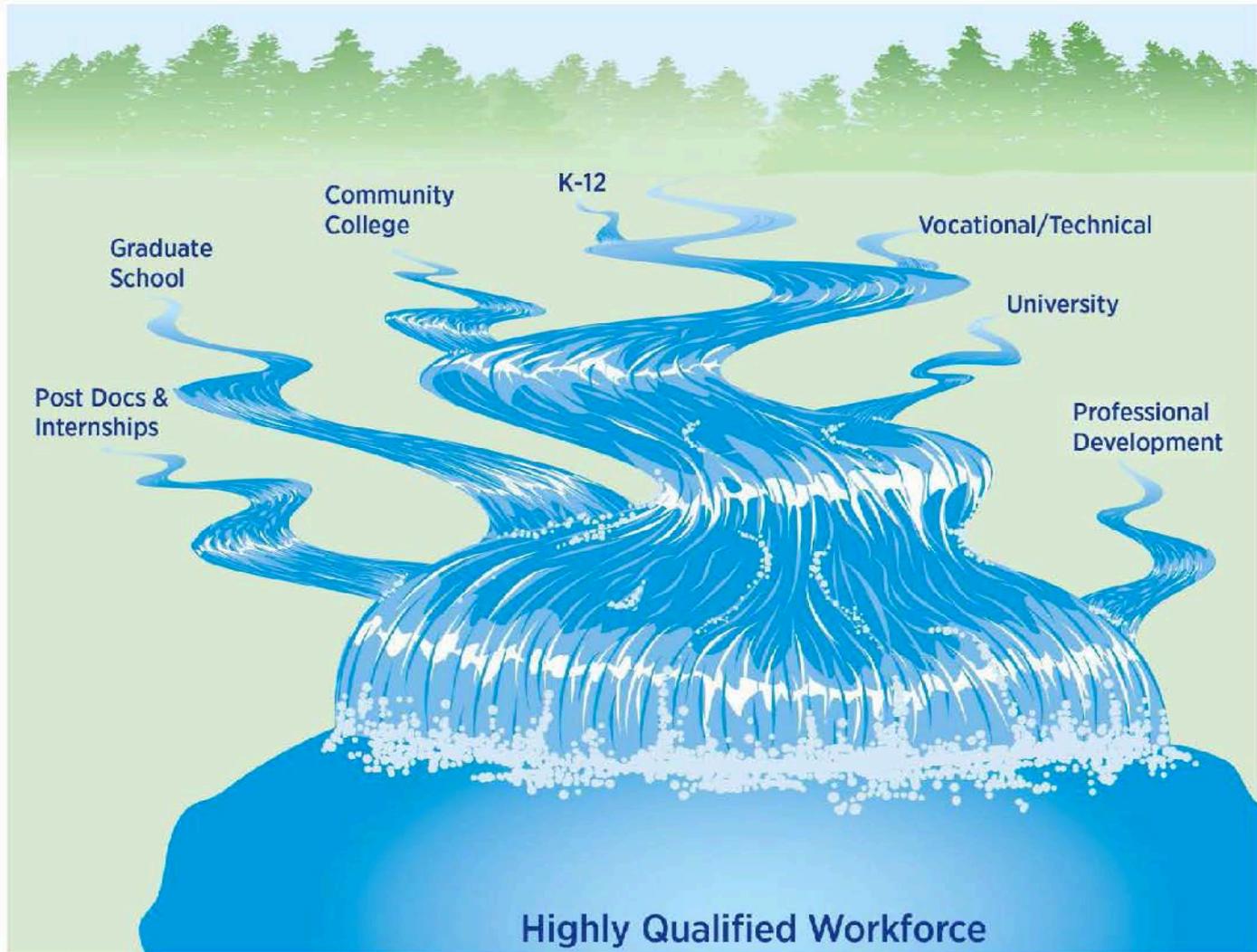
**MINNESOTA'S
RANKING
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FOURTH- AND
EIGHTH-GRADE
NATIONAL MATH
TESTS**

**4th Graders
8th Graders**



STEM Skills needed early

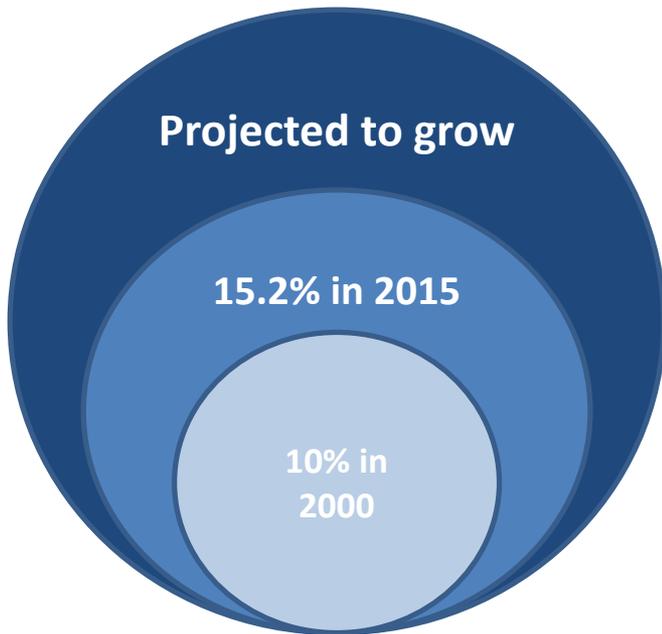




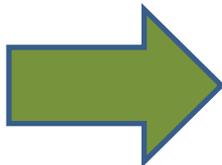
Highly Qualified Workforce

Why we are here today

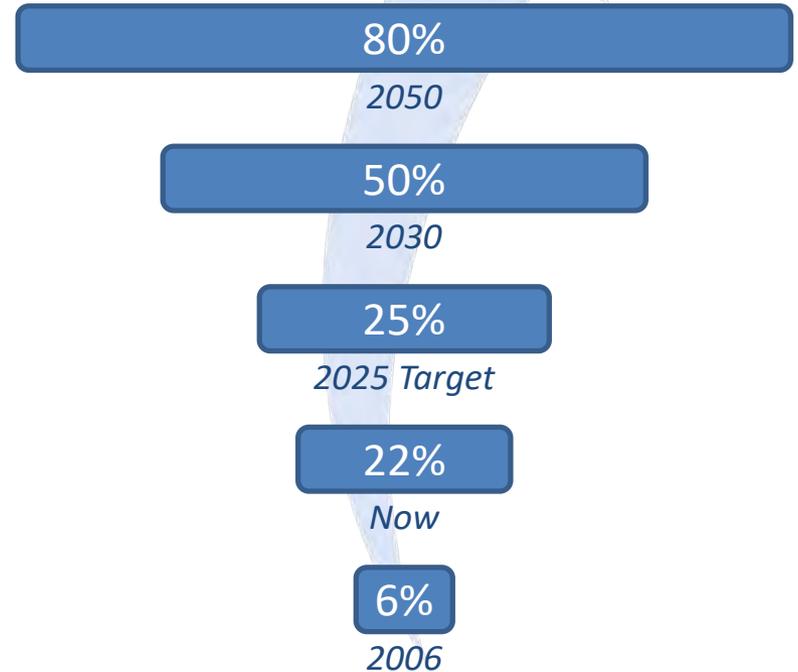
Minnesota Communities of Color as percentage of total population



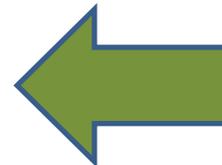
Needs:
Good jobs
A path to get there

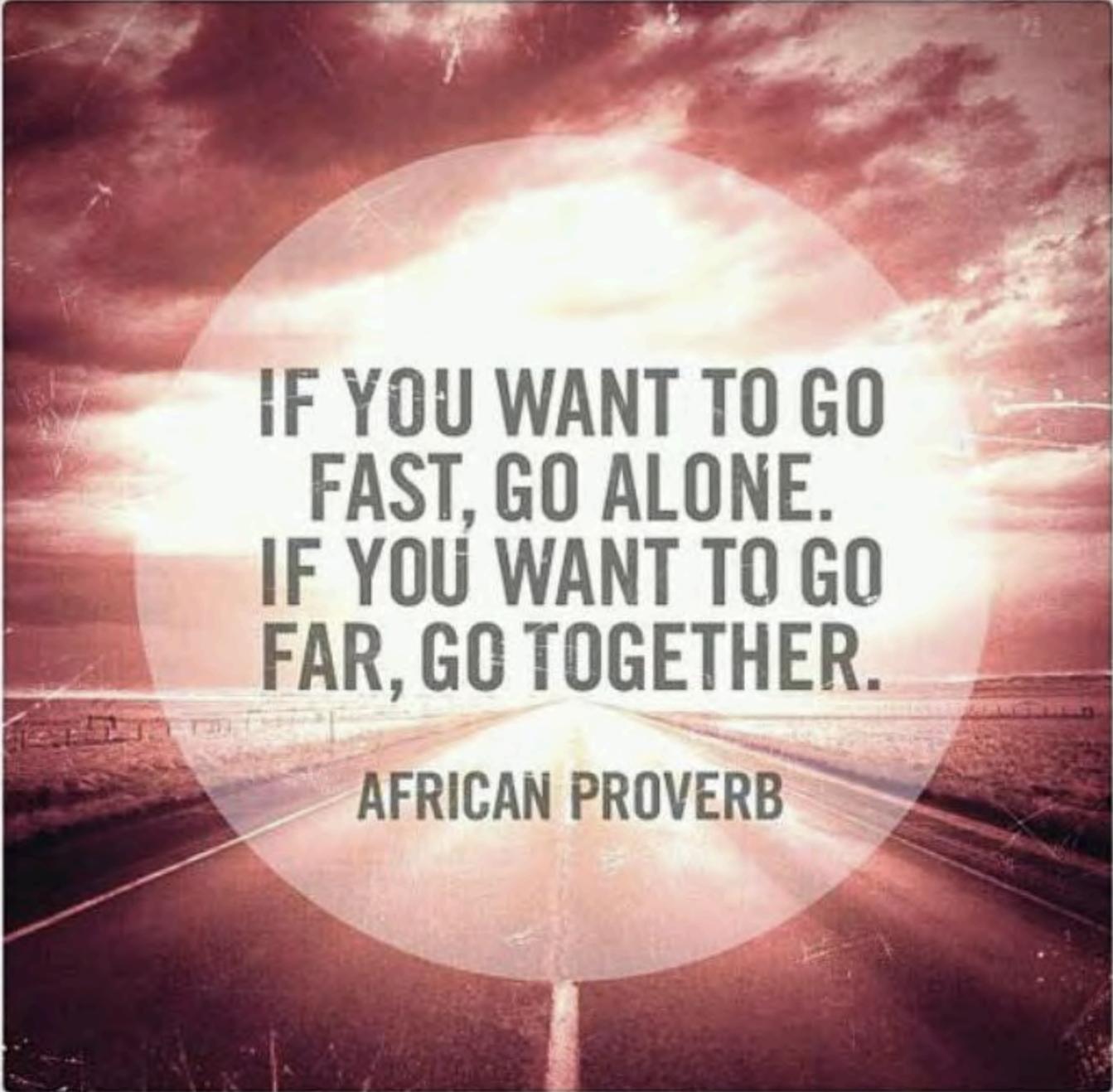


Minnesota's Renewable Energy as a Percentage of Total Consumption



Needs:
Skilled Workforce
Resourcing Strategy





**IF YOU WANT TO GO
FAST, GO ALONE.
IF YOU WANT TO GO
FAR, GO TOGETHER.**

AFRICAN PROVERB