

Charting the Future for a Prosperous Minnesota

Final Report of the Strategic Workgroups



“The best way to predict the future is to invent it.”

– Alan Kay

Setting the Context

- Chancellor Rosenstone's charge
- Paradigm shift in higher education
- 46 work group members
- Education of the Future, Workforce of the Future and System of the Future
- Process leading to the final report
- Broad consultation
- Unanimously adopted by the Board of Trustees



Minnesota
STATE COLLEGES
& UNIVERSITIES

Strategic Framework for Minnesota State Colleges and Universities

Minnesota State Colleges and Universities play an essential role in growing Minnesota's economy and opening the doors of educational opportunity to all of Minnesotans. To that end, we will:

1. Ensure access to an extraordinary education for all Minnesotans

- Our faculty and staff will provide the best education available in Minnesota, preparing graduates to lead in every sector of Minnesota's economy.
- We will continue to be the place of opportunity, making education accessible to all Minnesotans who seek a college, technical or university education; those who want to update their skills; and those who need to prepare for new careers.

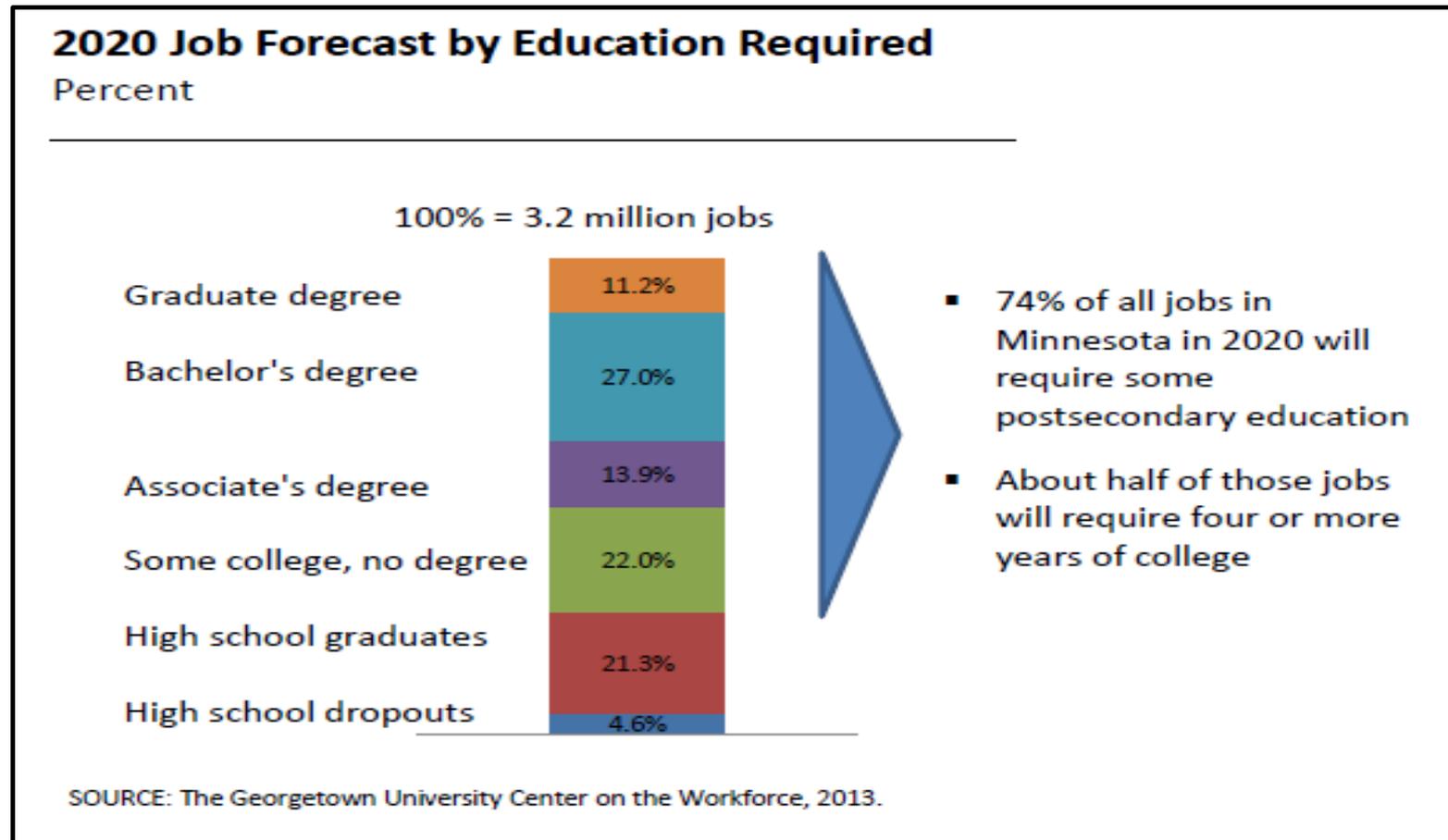
2. Be the partner of choice to meet Minnesota's workforce and community needs

- Our colleges and universities will be the partner of choice for businesses and communities across Minnesota to help them solve real-world problems and keep Minnesotans at the leading edge of their professions.
- Our faculty and staff will enable Minnesota to meet its need for a substantially better educated workforce by increasing the number of Minnesotans who complete certificates, diplomas and degrees.

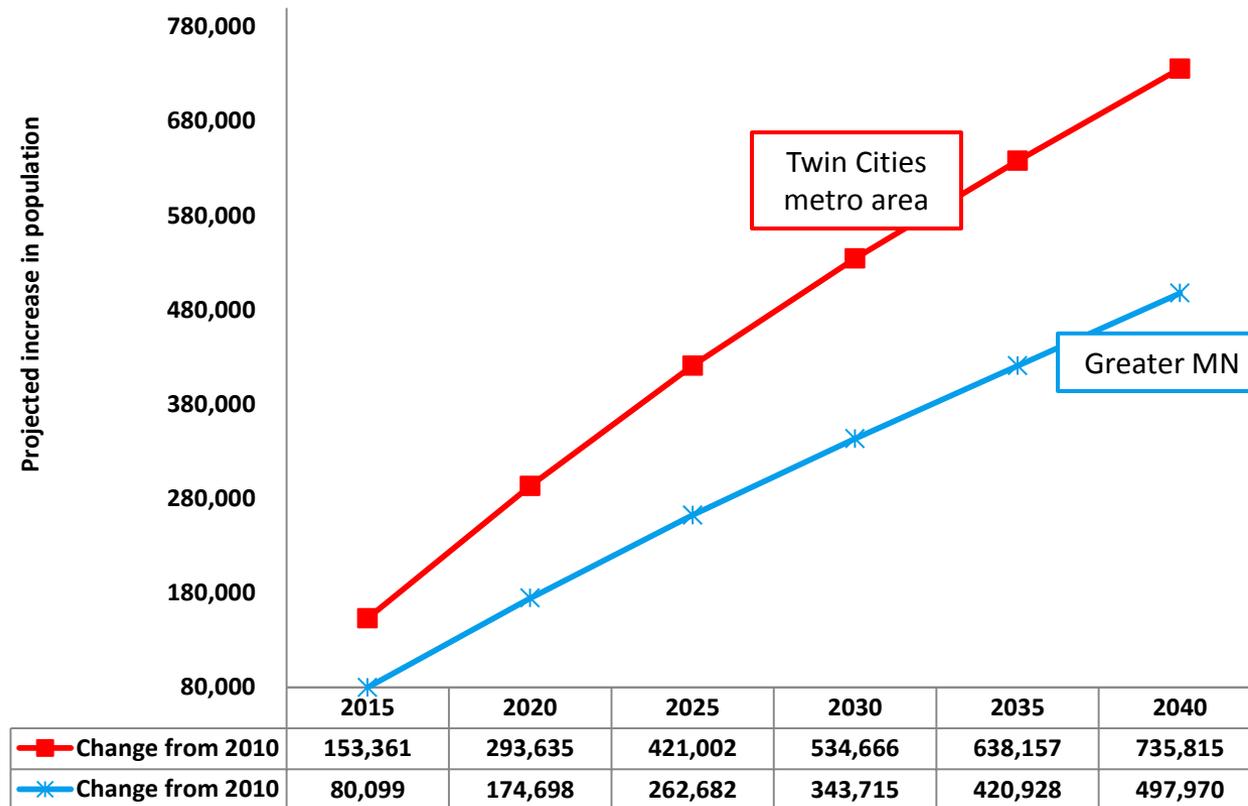
3. Deliver to students, employers, communities and taxpayers the highest value / most affordable option

- Our colleges and universities will deliver the highest value to students, employers, communities and taxpayers.
- We will be the highest value / most affordable higher education option.

Minnesota's economy will need more Minnesotans with a post-secondary credential

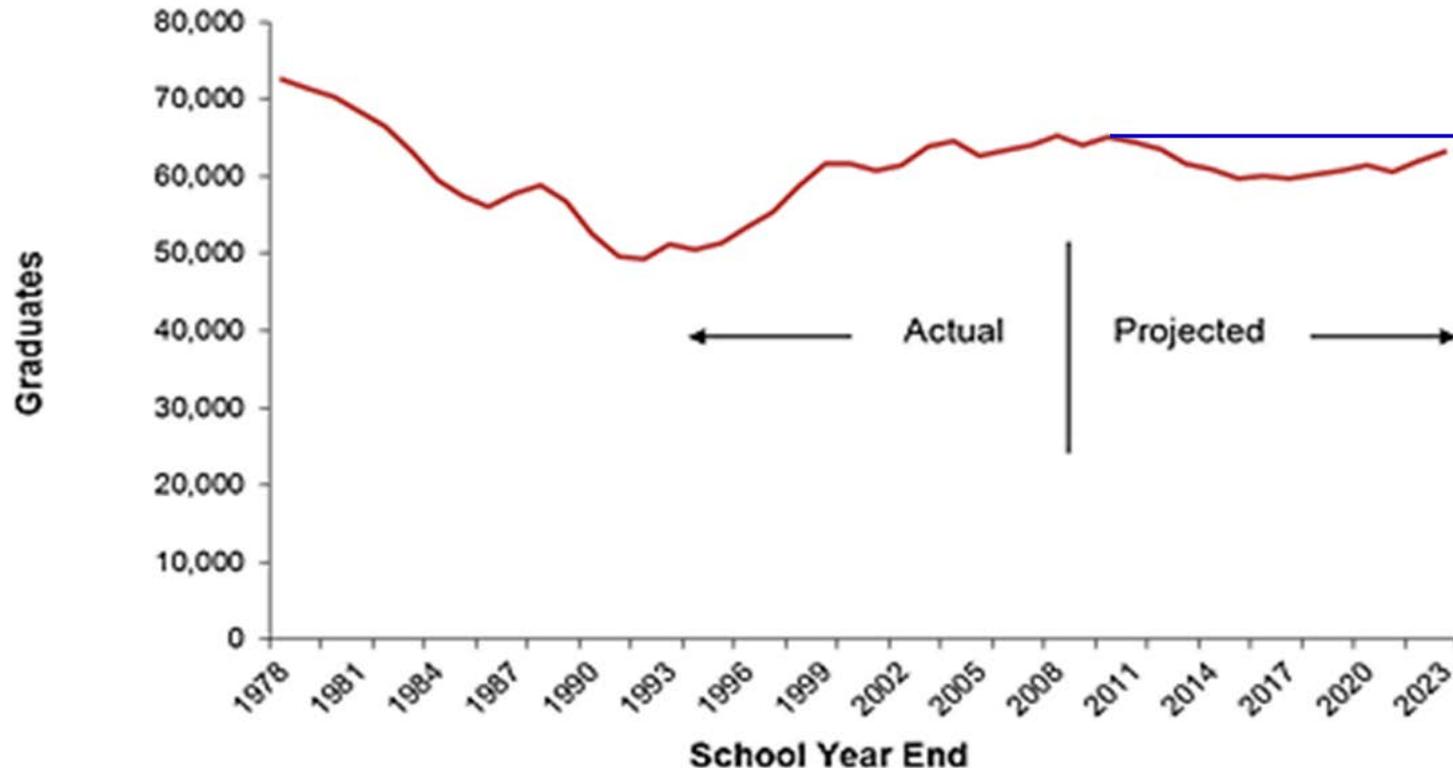


The Twin Cities metro area is growing faster than Greater Minnesota



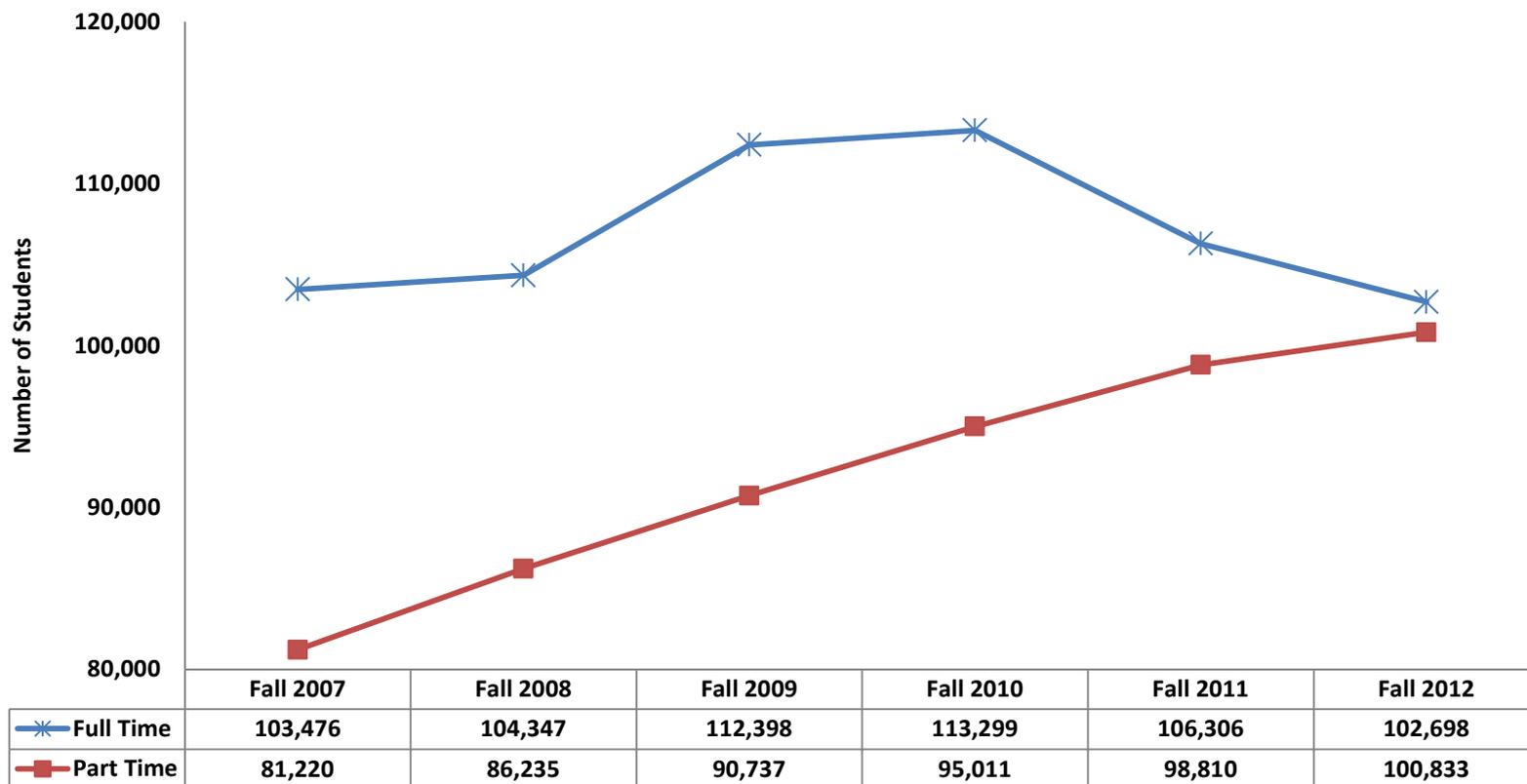
Source: MnSCU Office of Research and Planning

The number of Minnesota's high school graduates peaked in 2010 and will decline through 2017



Source: Minnesota Department of Education (actual); State Demographic Center (projected)

We will continue to see an increase in the number of students attending our colleges and universities part-time



Source: MnSCU Office of Research and Planning

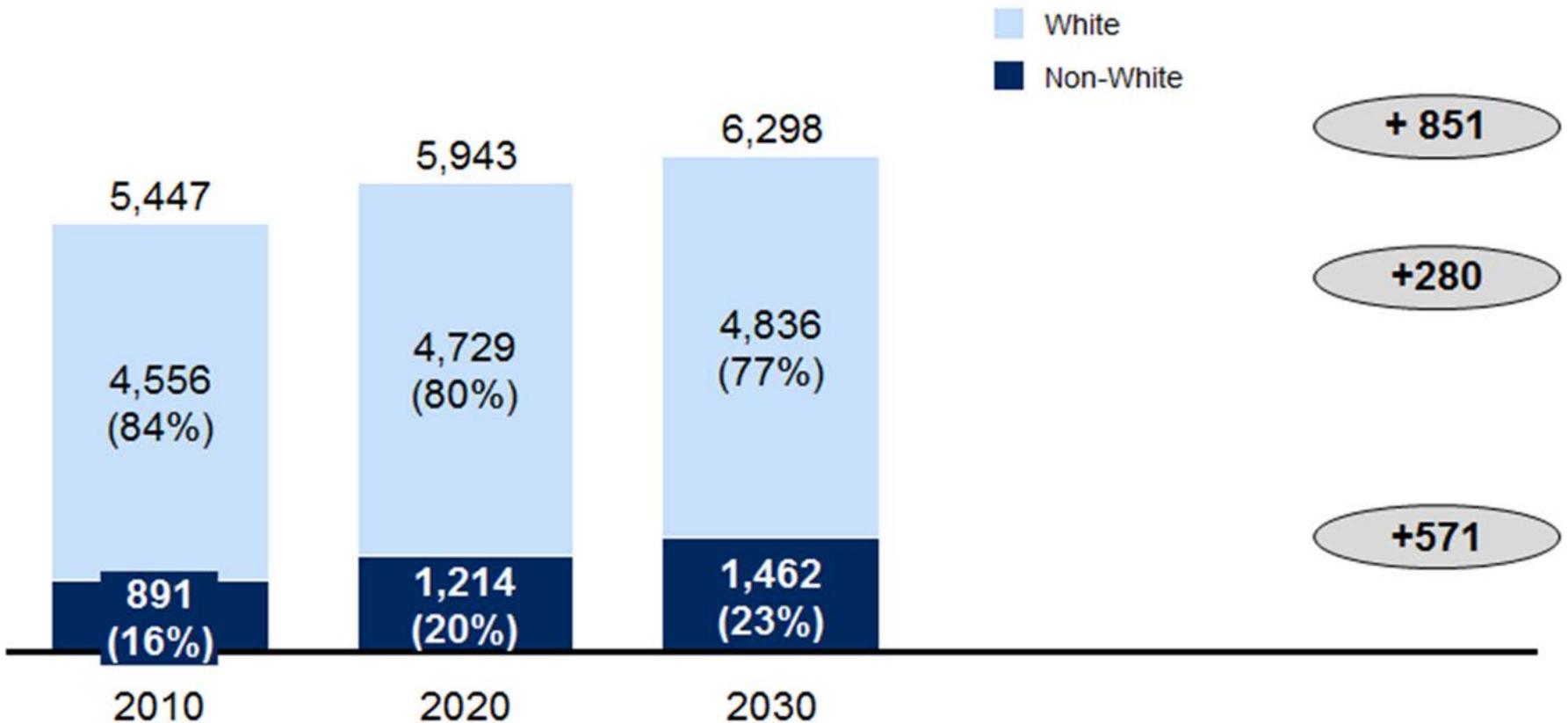
Our population is becoming more diverse

MN population demographics

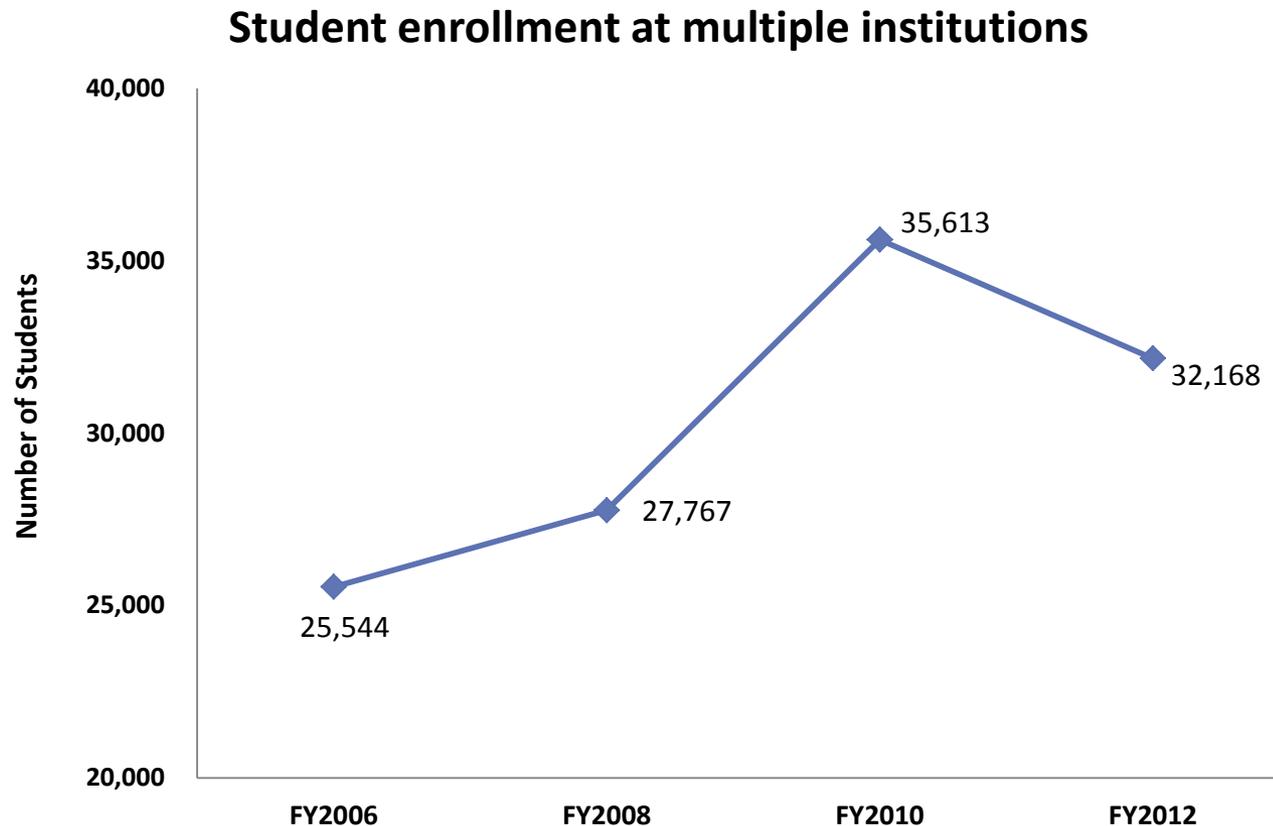
Total individuals in thousands (Percent of population)

2010-2030 change

Thousands



We will continue to see an increase in the number of students enrolling in multiple institutions



Source: MnSCU Office of Research and Planning

Technological changes since MnSCU's inception

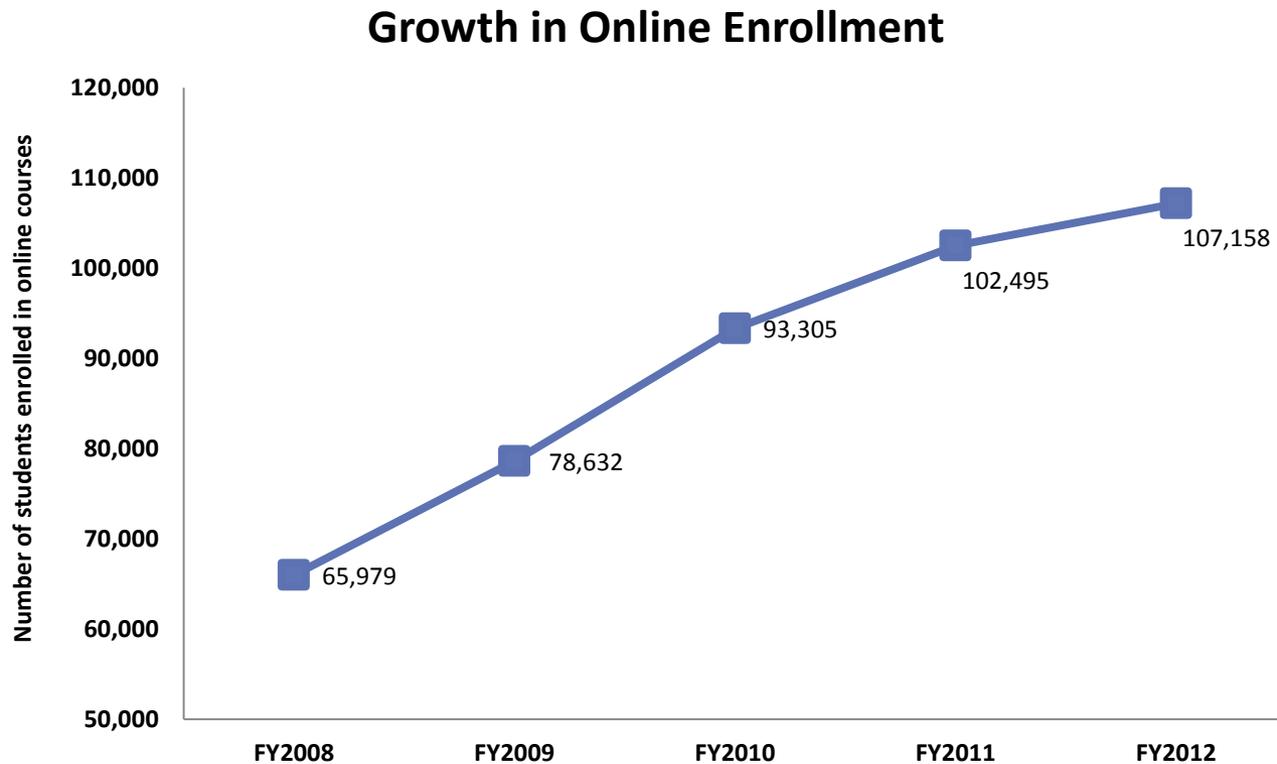
1995

- Larry Page and Sergey Brian develop search engine known as Backrub
- Amazon.com sold its first book
- Mass use of the internet was just beginning
- Cell phones fit into a brief case versus a shirt pocket
- First digital camera hit the consumer market
- Toy Story premiered as the first wholly computer generated film

2013

- Backrub is now known as Google serving over 300 million people a day
- 3rd quarter sales in 2013 for Amazon at \$15.7 billion
- 1.8 billion people use the internet daily
- 72% of internet users also use social media
- 328 million cell phones in use in the United States
- 100 million people worldwide stream YouTube daily

28% of our course offerings are now fully online or blended/hybrid courses



Source: MnSCU Office of Research and Planning

Employers and the public will continue to seek proof on the quality of our graduates

THE CHRONICLE OF HIGHER EDUCATION

January 23, 2012

Beware: Alternative Certification Is Coming

February 7, 2013

American Council on Education Recommends 5 MOOCs for Credit

February 11, 2013

Colleges Ask Government to Clarify Rules for Credit Based on Competency

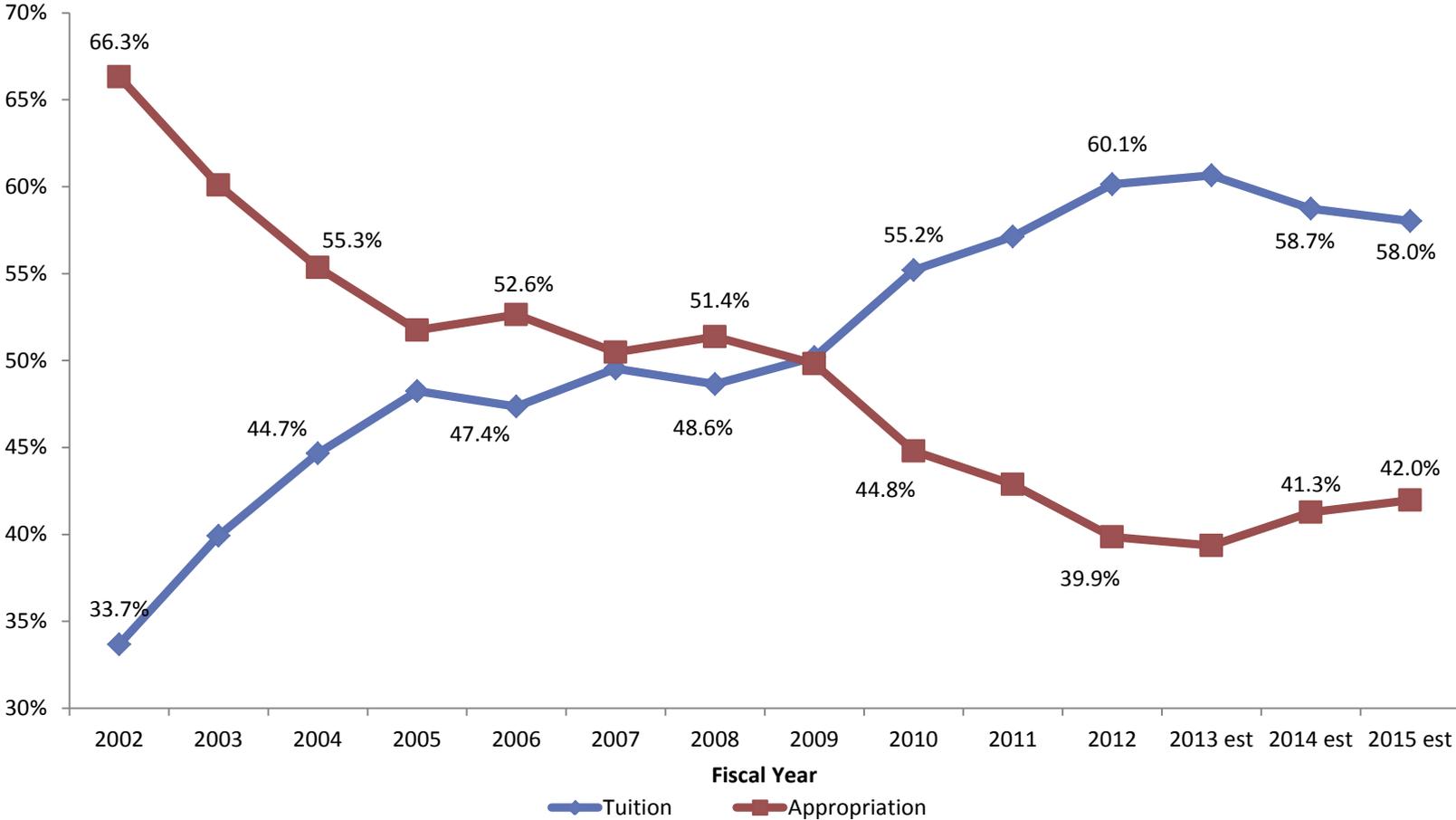
March 19, 2013

Student Aid Can Be Awarded for 'Competencies,' Not Just Credit Hours, U.S. Says

August 12, 2013

Education Department Approves Competency-Based Program at Capella U.

Funding shifts impact on tuition



Source: MnSCU Office of Institutional Research

Recommendations

Recommendations to increase access, affordability, excellence, and service by forging deeper collaborations among our colleges and universities to maximize our collective strengths, resources, and the talents of our faculty and staff

Dramatically increase the success of all learners, especially those in diverse populations traditionally underserved by higher education.

- Strengthen global competencies by adopting culturally relevant pedagogy and increasing diversity among our faculty, staff, leadership, and students.
- Implement research-based best practices for student success.
- Partner with nonprofit organizations, community groups, and other entities to connect students to additional financial resources and support services to make higher education more affordable and increase student success.
- Partner with diverse communities and families to create welcoming learning environments that expand access to educational pathways and increase student success.
- Deepen partnerships with secondary schools and ABE (adult basic education) to enhance student readiness for college-level work and accelerate degree completion.

Develop a collaborative and coordinated academic planning process that advances affordability, transferability and access to our programs and services across the state.

- Develop a comprehensive academic planning process that aligns our course and program offerings and support services to student demand as well as to regional and state workforce needs.
- Advance student success by expanding access to our academic programs and courses through flexible scheduling and course delivery models, as well as deeper collaboration among our colleges and universities.
- Integrate and coordinate our facilities and technology planning to enhance students' educational experience.
- Increase attention to professional development and engage our faculty in ongoing disciplinary and interdisciplinary collaborations to strengthen the transferability and quality of program offerings.
- Accelerate development of partnerships with secondary schools to provide opportunities for college-ready students to take college-level courses tuition free while in high school, making higher education more affordable.

Certify student competencies and capabilities, expand pathways to accelerate degree completion through credit for prior learning, and foster the award of competency-based credit and degrees.

- Broaden students' opportunities to earn credit for prior learning by developing a statewide certification process to award transferable competency-based credit.
- Facilitate the transferability of our courses and programs by defining shared learner outcomes and competencies within disciplines, departments and programs. Focus initially on developmental and gateway courses.
- Increase students' applied learning opportunities aligned with industry-recognized standards such as apprenticeships, work-related or on-the-job training, internships or dual training models.
- Promote the accountability of our educational offerings by encouraging college and university participation in subject-specific accreditations and national measures that are benchmarked with peer institutions through partnerships with other colleges and universities or through third-party evaluations.

Expand the innovative use of technology to deliver high quality online courses, strengthen classroom instruction and student services, and provide more individualized learning and advising.

- Enhance student educational experiences by infusing emerging technologies into courses and student support services and by developing an integrated, collaborative approach to support professional development of faculty and investment in instructional design.
- Expand students' access to information about system-wide academic programs, admission requirements, and student support services to enhance transfer and student success through the creation of web-based and mobile applications that can be used online or face-to-face.
- Foster consistent practice and use of technology platforms among our colleges and universities to make it easier and more affordable for students.

Work together under new models to be the preferred provider of comprehensive workplace solutions through programs and services that build employee skills and solve real-world problems for communities and businesses across the state.

- Provide students, businesses, and trade organizations access to information on our shared portfolio of workplace training solutions by developing a user friendly, single point of entry, web-based and mobile application.
- Deliver a shared portfolio of workforce training solutions to students, employers, labor unions, and labor associations across the state through coordinated outreach efforts, easy one-stop access, and stronger connections to state and local workforce and economic development initiatives.
- Promote access and affordability of our programs by strengthening the integration between continuing education/customized training and academic programs for the recognition of competencies mastered.
- Innovate to develop and test academic incubators for new program development and curricular redesign to meet emerging industry trends through customized training and continuing education.
- Expand continuing education as a model for our universities to provide greater access to graduate education.

Redesign our financial and administrative models to reward collaboration, drive efficiencies and strengthen our ability to provide access to an extraordinary education for all Minnesotans.

- Redesign our financial model to incent and reward collaboration, the commitments in the Strategic Framework, and the recommendations in this report.
- Expand the Campus Service Cooperative and regional collaborations for business and processing operations to promote greater efficiencies and garner cost savings to protect affordability and better focus resources on our academic and technical programs.
- Encourage entrepreneurial opportunities for our colleges and universities to independently and collaboratively develop new revenue streams.
- Support and encourage administrative coordination.

Implementation phase- multiyear, multipronged and fostering collaboration



We can not solve our problems with the same thinking we used when we created them.

– Albert Einstein

Karen Hynick
System Director of P-20 and College Readiness
Minnesota State Colleges and Universities
30 7th Street E.
St. Paul, MN 55101
651-201-1760
Karen.Hynick@so.mnscu.edu

Charting the Future for a Prosperous Minnesota