

# PROVIDING QUALITY EDUCATION FOR ALL STUDENTS

Michigan Career Education Conference  
January 30, 2018

**SEMCOG**

Southeast Michigan Council of Governments

*Developing Regional Solutions*

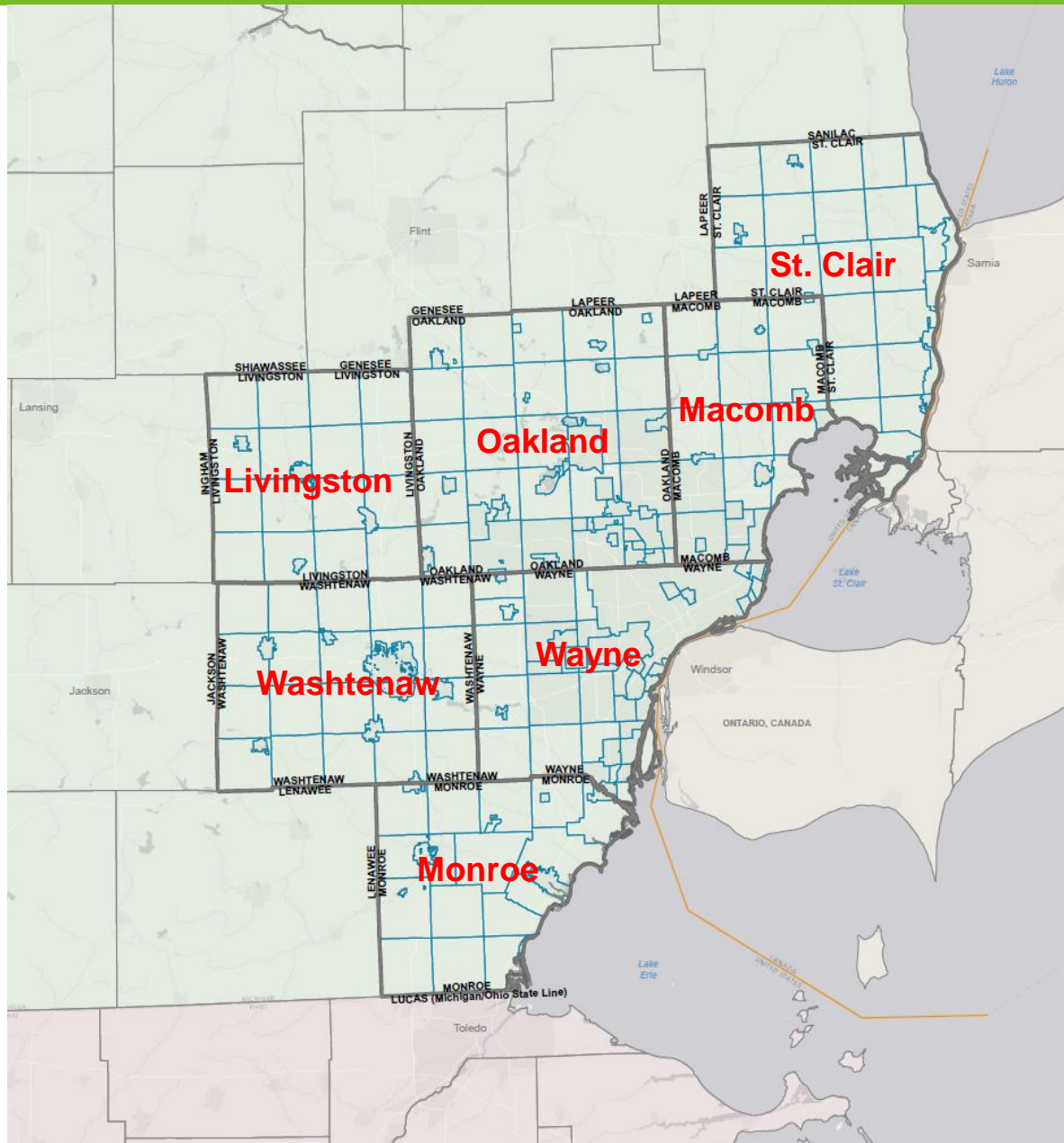
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# Agenda

- SEMCOG/MAC Overview
- Importance of Education to region
- Case for Education reform
- Recommendations
- Feedback

# SEMCOG Region

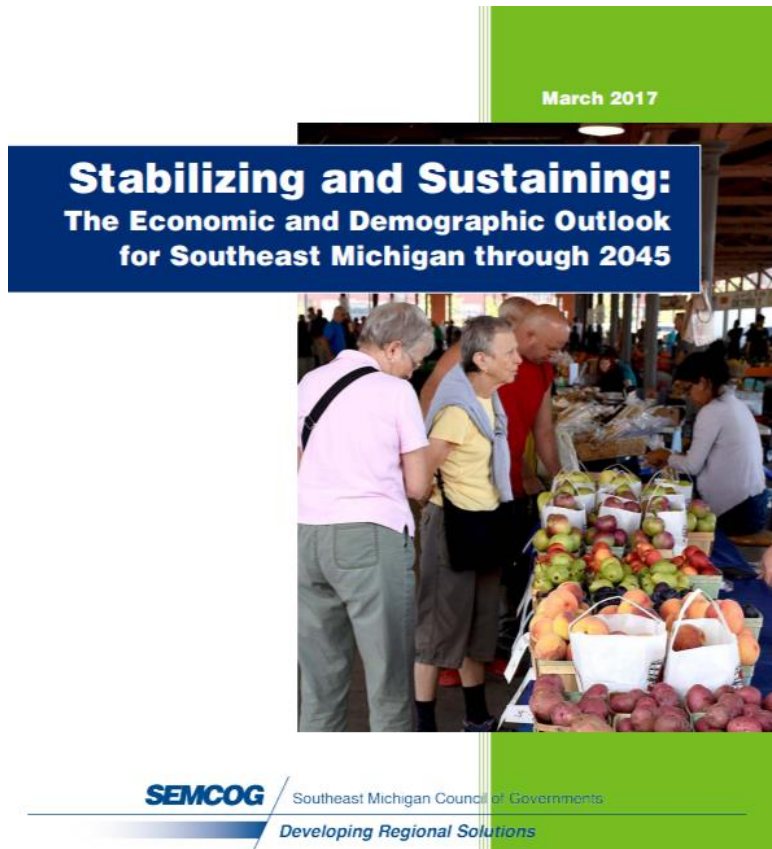


# Why is Education Important to Southeast Michigan?



- Implement Economic Development Strategy
- Workforce Development
- Quality of Life
- Respond to 2045 Forecast

# SEMCOG's 2045 Forecast



Aging population

Reduced working-age  
population

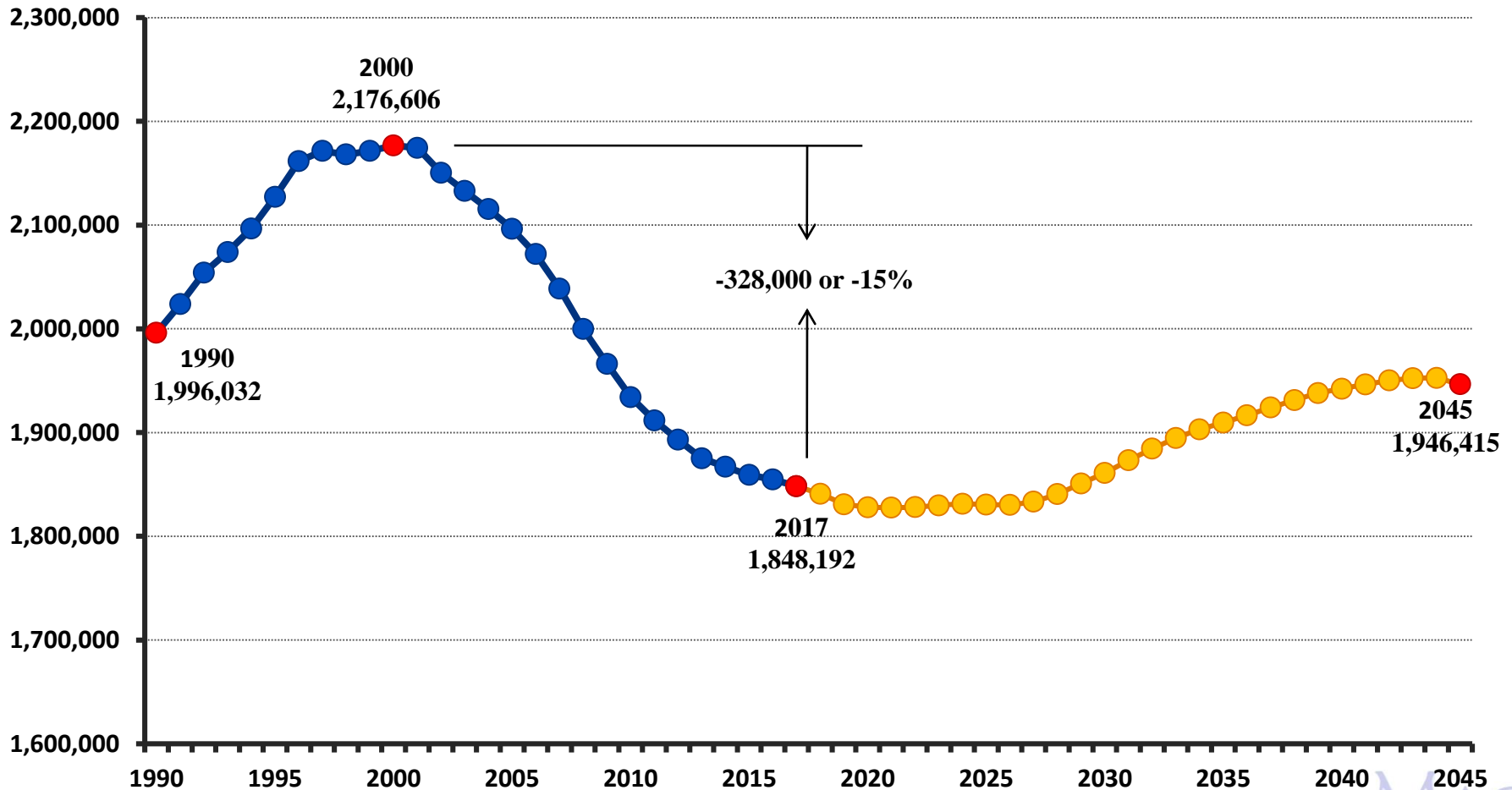
Reduced school-age  
population

Decline in manufacturing jobs

Growth in health care industry

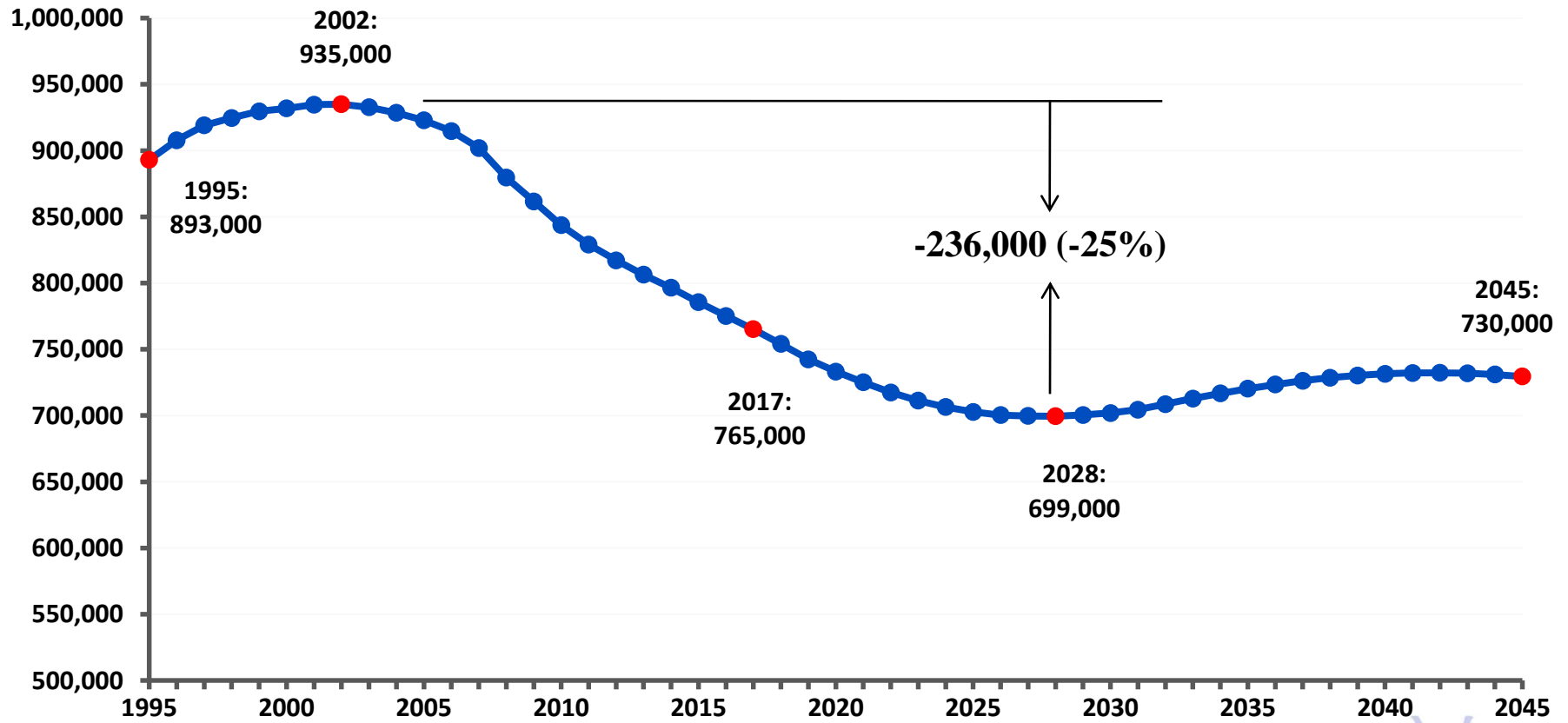
# Declining Prime Working Age Population

## Age 25-54, Southeast Michigan, 1990-2045



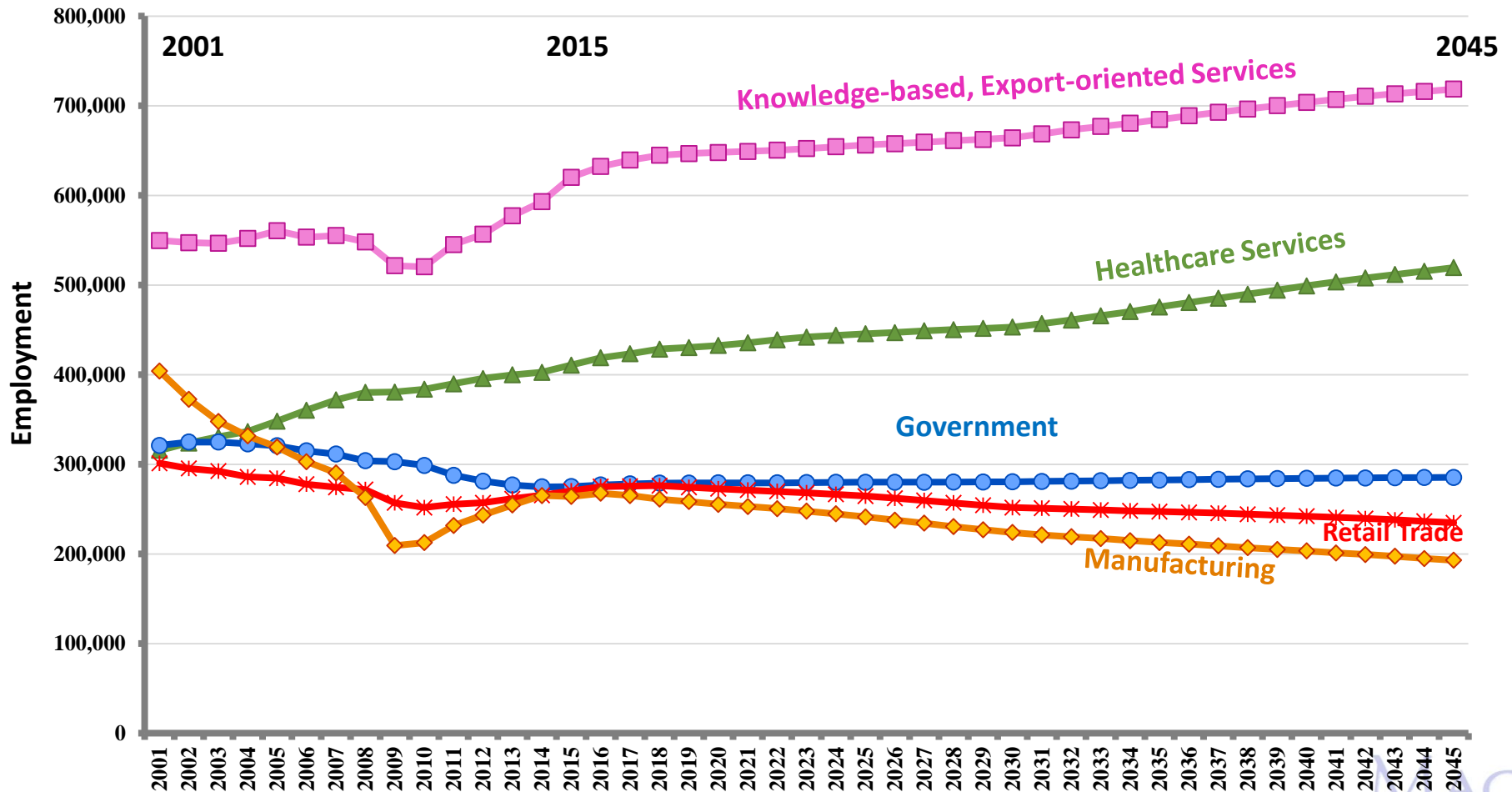
# Declining School Age Population

## Age 5-17, Southeast Michigan, 1995-2045



# Job Changes by Major Sector

## Southeast Michigan, 2001-2045





# Changing Skills Sets

Forbes	CTE Survey	Ford Motor Company
Teamwork	Integrity	Initiative, <b>integrity</b> and good corporate citizenship
Decision making	A desire to learn	Sound <b>decision making</b>
Problem solving	Responsibility	<b>Continuous improvement</b>
Plan, organize and prioritize work	Professionalism	Inclusion mindset
Obtain and process information	Self Discipline	<b>Teamwork</b>

# What is Education Reform?

*“Recognition that a well educated population is an asset and we can do better to prepare the state and its citizens for the inevitable changes resulting from national and global demographic and economic trends”*

# State Education Initiatives

- The Choice is Ours
- Top 10 in 10 Years
- Study of Michigan's Career and Technical Education and Career Readiness System
- Michigan Education Finance Study
- The Best Education System for Michigan's Success

# One Overarching Goal 15 Recommendations

# Overarching Goal

*Provide every child access to an aligned, high-quality education from early childhood through post-secondary attainment to prepare for academic, career, and lifelong success.*

# Five Focus Areas

1. Provide High-Quality Instruction
2. Redesign Funding
3. Promote Career Technical Education
4. Serve At-Risk and Special Needs Populations
5. Ensure Governance Structure and Accountability

# Provide High-Quality Instruction



- Consistent, coherent, child-centered instruction model
- High-quality early childhood programs
- Elevate the education profession
- Professional development for teachers
- Fair and comprehensive evaluation and compensation process
- Partner with parents

# Redesign Funding



- Create a more equitable - not just equal - state funding system
- Stabilize funding for school districts by adjusting for declining school populations
- Expand and strengthen funding for students with special needs



# THE TECHNICAL CAREER CONTINUUM



# Promote Career Technical Education



- Provide support for career counseling, certified instructors, and equipment
- Promote awareness of in-demand jobs and training programs
- Integrate work based learning into all CTE programs

# Promote Career Awareness

- MI Bright Future
- MiTradeSchool.org
- STEM and Skilled Trades Inventory
- Workforce Inventory Project
- Going Pro
- Career Pathfinder

# Case Study: Workforce Inventory

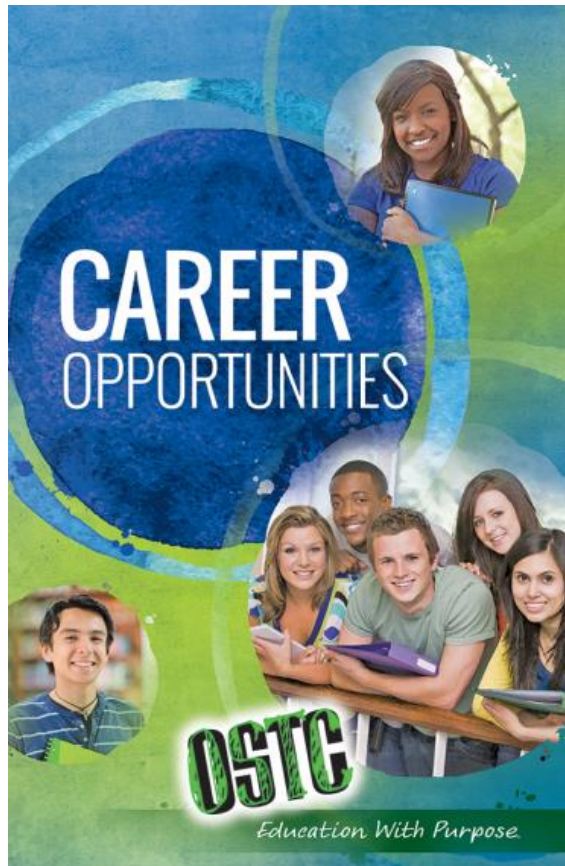
**Find Your Future Here**  
**Wayne County Workforce Resources For Career and Jobs**

This is a one-stop location for Educators to help STUDENTS who are exploring careers or preparing for employment. Find what jobs are available, learn how to get a job, discover what training may be needed for a job and where it is offered. Resources also include college/trade school programs for different occupations, various career options, and other resources for future success. Parents and students are also welcome to browse the site.

Find a Job	Job Training	Pre-Employment Training
Career Preparation	College Credit	Career Exploration
Career Awareness	Job Ready	Need Help?

<http://workforce.resa.net/>

# Oakland Schools: Energy/Electrical Technologies



- Agriscience and Environmental Technologies
- Automotive Technology
- Collision Repair and Refinishing
- Computer Networking
- Computer Programming
- Construction Technology
- Cosmetology
- Culinary Arts and Hospitality
- Energy and Electrical Technologies
- Engineering and Emerging Technologies - Machining
- Engineering and Emerging Technologies - Mechatronics
- Engineering and Emerging Technologies - Welding
- Entrepreneurship and Advanced Marketing
- Health Sciences
- Medium Heavy Truck and Equipment
- Visual Imaging
- Web Development



# Serve At-Risk and Special Needs Populations



- Reduce the impact of high-risk factors and poverty by increasing access to wrap-around services, such as transportation and nutrition to remove barriers to student learning
- Address chronic absenteeism by providing families with more community-based support and creating a system to monitor student attendance

# Ensure Governance Supports Accountability



- Rationalize and enhance accountability of K-12 education by requiring the same transparency and standards whether local district, charter, education management organization, home school, or cyber school



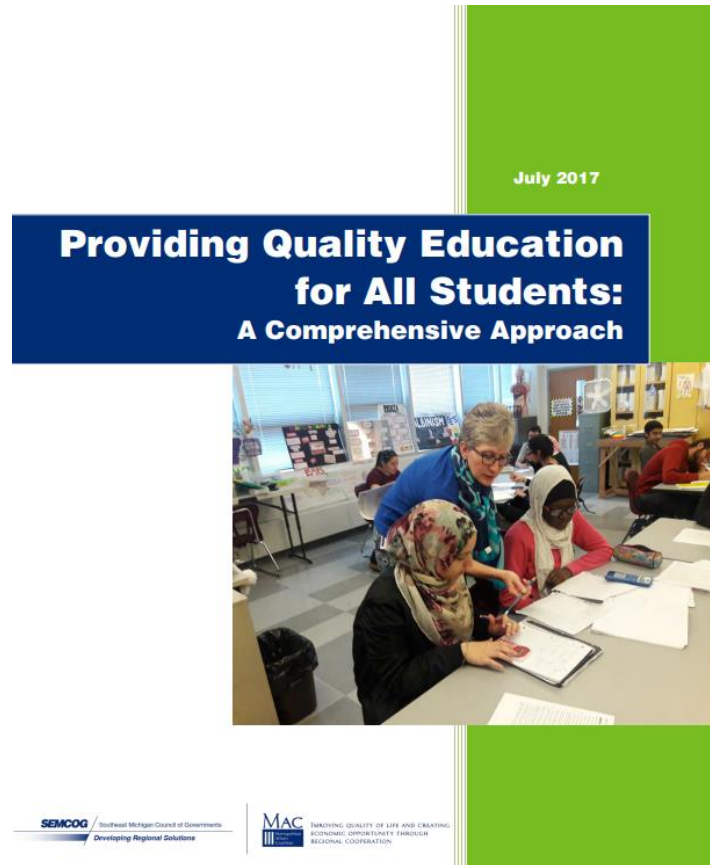
# Foundation for Education Reform in Southeast Michigan

- Provide High-Quality Instruction in Every Classroom
- Redesign Funding
- Promote Career Technical Education
- Serve At-Risk and Special Needs Populations
- Ensure Governance Structure Supports Accountability

# Next Steps

- Present the recommendations to build support and create momentum on common themes
- Promote the case studies
- Support other efforts
- Participate in a shared education vision for Michigan

# Thank you!



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