

UPDATE TO THE MISSOURI PATHWAYS TO PROSPERITY PROJECT

STATUTORY AUTHORITY:

Section 161.092, RSMo

Consent
Item

Action
Item

Report
Item

DEPARTMENT GOAL NO. 1:

All Missouri students will graduate college and career ready.

SUMMARY:

Pathways to Prosperity Missouri is focused on rigorous classroom instruction made relevant by a close connection between schools, communities, and business and industry partners. Its purpose is to provide students and families with experiences and information so that they can plan appropriate programs of study through high school. This preparation is intended to ensure that students understand and take advantage of the opportunities available to them beyond high school.

The presentation is an update on recent Pathways work and expansion into all three regions: St. Louis, Mid-Missouri, and Kansas City.

PRESENTER(S): Sharon Helwig, Assistant Commissioner, Kristie Davis, Director of Pathways to Prosperity Missouri, Gail Stewart, Site Director of Pathways to Prosperity (St. Louis), and Bragg Stanley, Site Director of Pathways to Prosperity (Mid-Missouri), Office of College and Career Readiness, will participate in the presentation and discussion of this item.



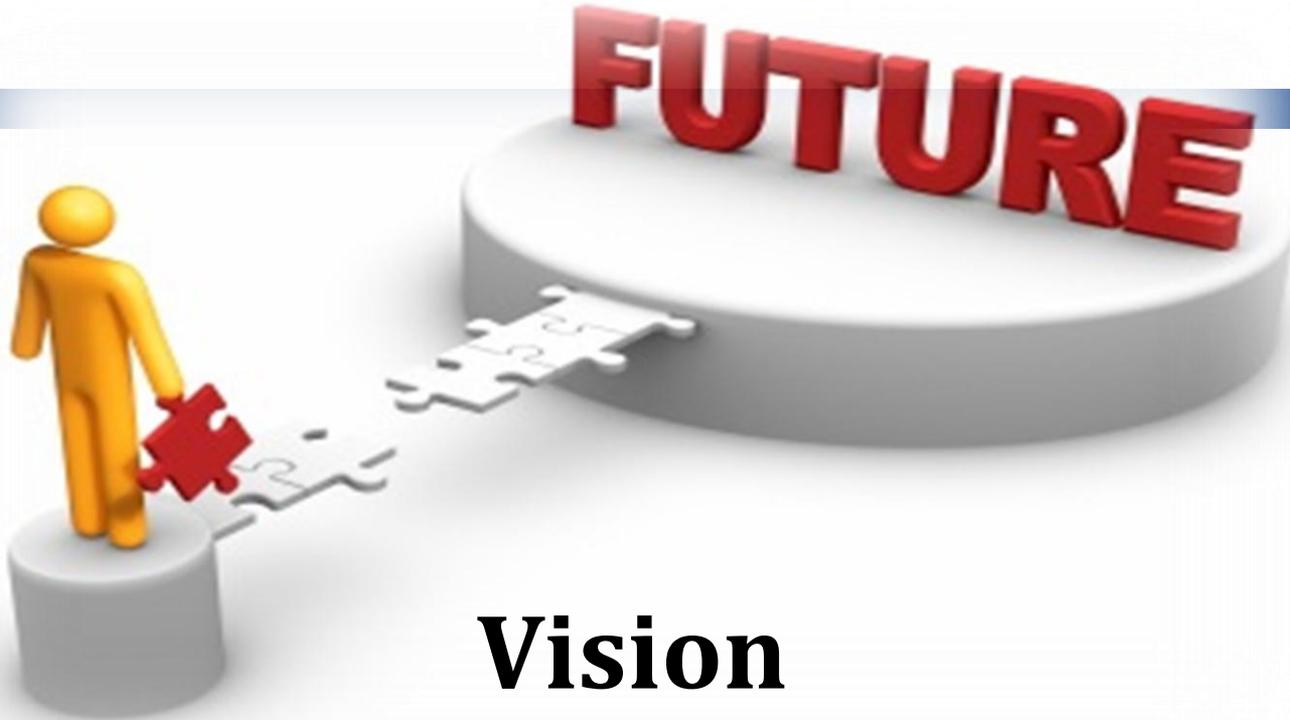
PATHWAYS TO PROSPERITY, MISSOURI

March 2014

Missouri Department
of Elementary and Secondary Education

Pathways to Prosperity Missouri

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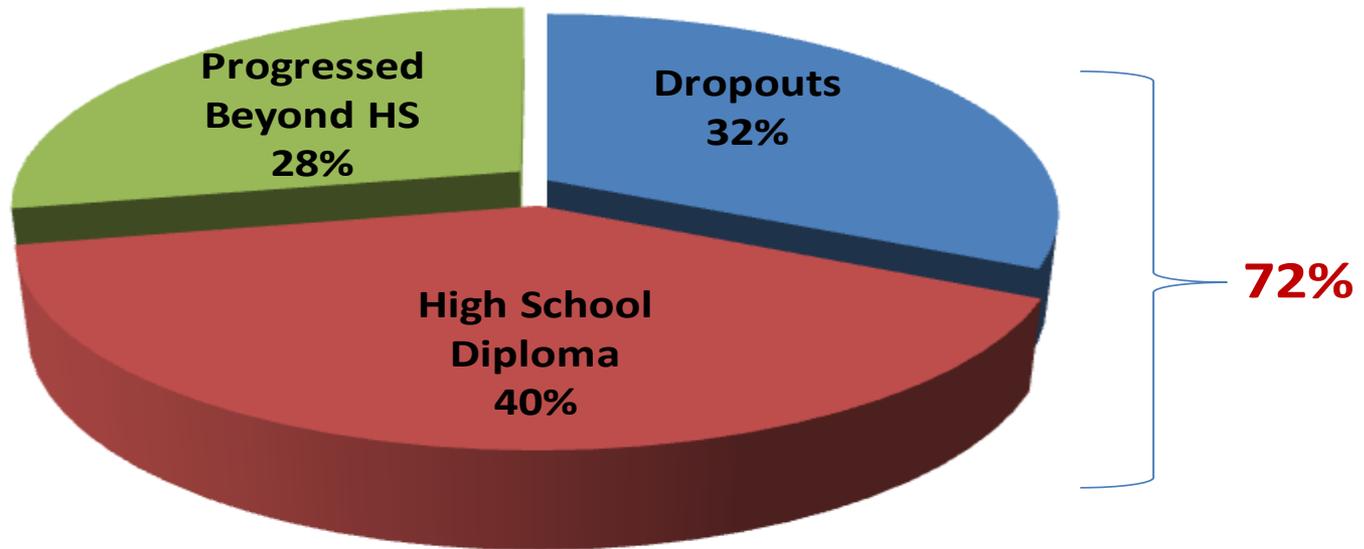
Vision

All Missouri students will graduate from high school college and career ready, prepared for postsecondary opportunities that position students to earn a living wage.



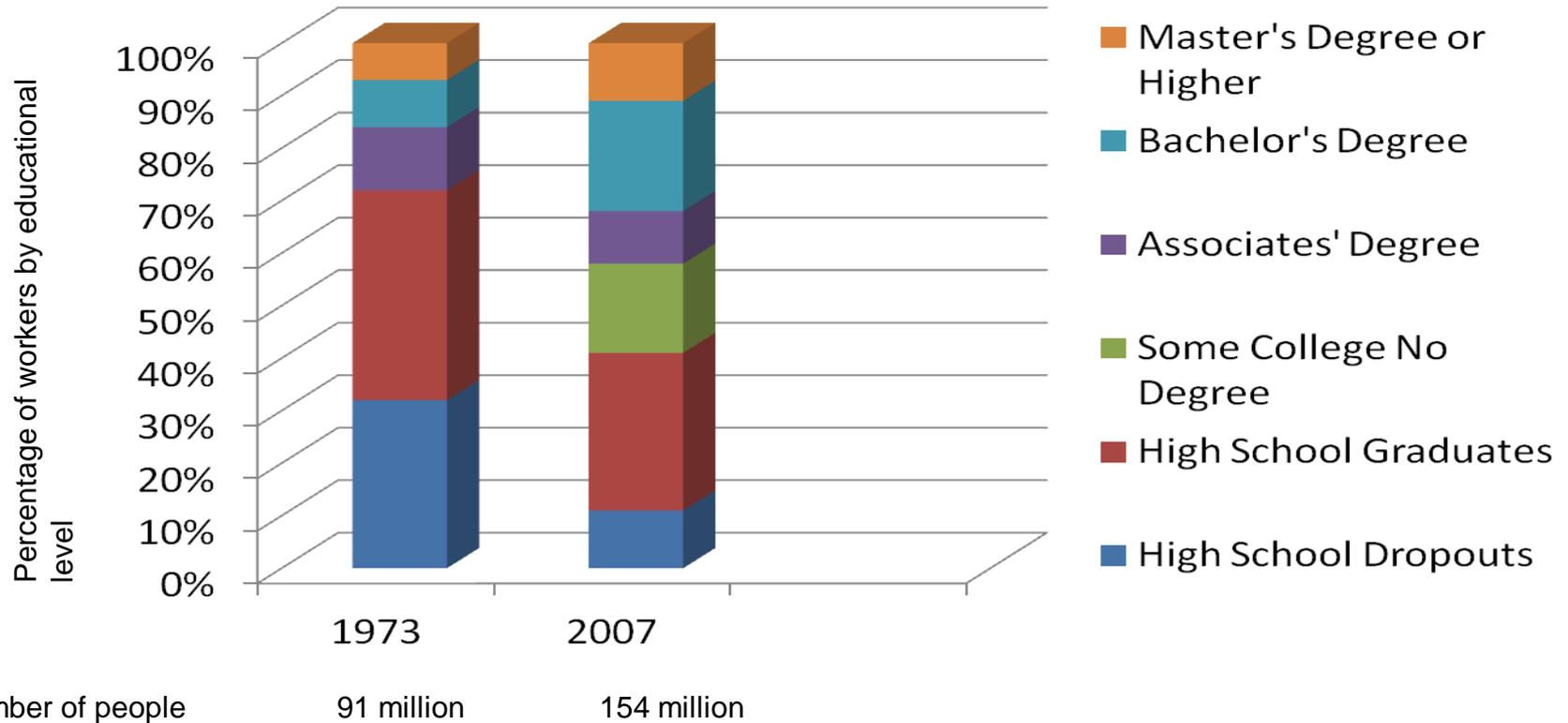
Nation's Workforce in 1973

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Source: March CPS data, various years; Center on Education and the Workforce

21st Century America-More Demanding Labor Market



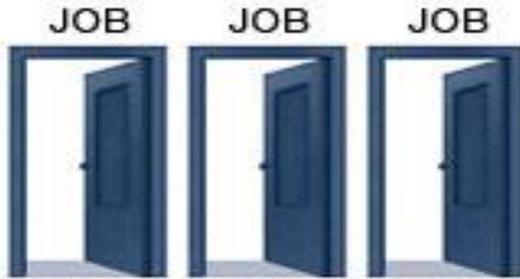
In Missouri, STEM skills have stayed in demand even through the economic downturn.

STEM

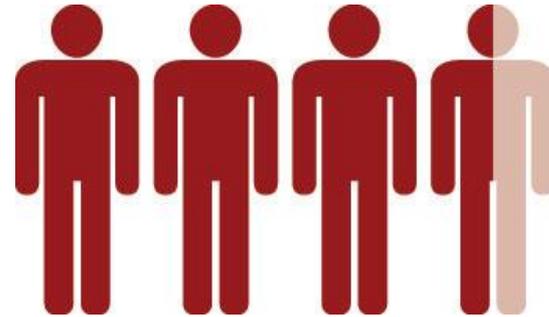
Non-STEM

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**3.1 jobs for every
1 unemployed person**



**3.7 unemployed
people for every 1 job**



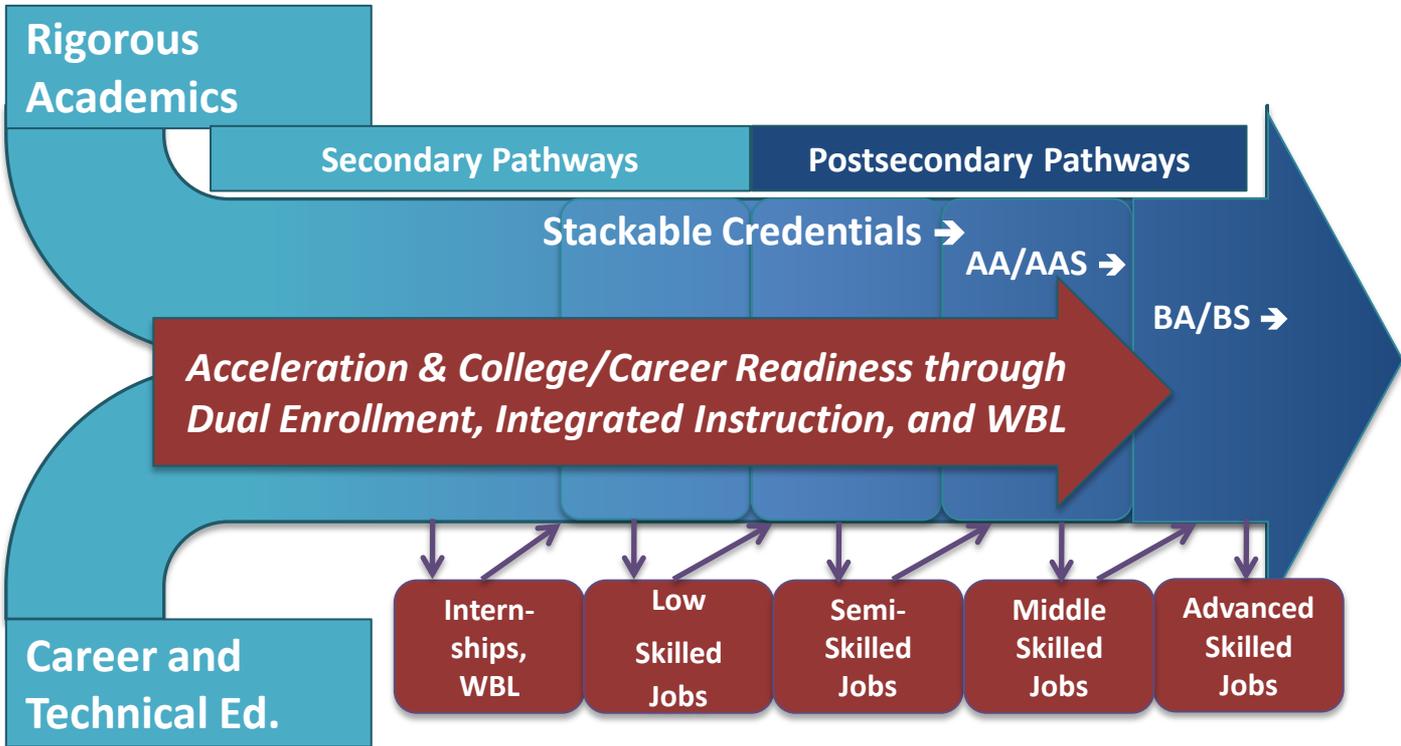
3 Key Challenges

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- 1. Spark Hope and Purpose
- 2. Engage Youth in Learning
- 3. Build an Educated, Skilled and Ready Workforce



GRADES 9-14 INTEGRATED PATHWAYS



System Outcomes:

- Financially sustainable, aligned and integrated 9-14(+) career pathway systems
- Increased number of skilled workers with credentials of value to the labor market
- Greater cost efficiencies by reducing duplication of services

ST. LOUIS PATHWAYS REGION

Gail Stewart
St. Louis Regional Director

St. Louis PtoP Region

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- Boeing Grant- Partnership between Education Plus and PtoP
- \$50,000 Grant
- Pathways for Teachers-(Externships)



Pathways for Teachers



Advanced Manufacturing



Health Sciences



Information Technology



St. Louis PtoP Region

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- Pathway For Teachers Externships
 - Provided workplace examples of how the **mathematics** they teach every day is used in business and industry
 - Emphasized the importance of the ability to **read** and understand technical copy, as well as **write** and justify proposal requests



St. Louis PtoP Region

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□ Pathway For Teachers

- **Administrator:** *“It gave me a regional lens on what is possible for our kiddos. I felt like both myself and my teachers left each site with a better understanding as to what we need to do to better prepare our kids for career readiness.”*



St. Louis PtoP Region

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- Teacher Summer Institute, June 9-13
 - Units/projects/lessons to be used in the classroom during the fall semester
 - Continue collaboration across contents/districts
 - Include students in collaboration on projects



St. Louis PtoP Region

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- Expansion of Current PtoP Districts

- New/Interested PtoP Districts
 - Hazelwood
 - Rockwood
 - Ritenour
 - St. Charles Community College



St. Louis PtoP Region

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- EducationPlus
 - Supporting our need to engage business & industry
 - Partner Resource Center: Online tool connecting school work-based learning needs with industry
 - Interactive platform engaging professional speakers, job shadowing, student internships, teacher externships, etc.



MID-MISSOURI PATHWAYS REGION

Bragg Stanley
Regional Director

Mid-Missouri PtoP

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- Advisory Committee established
- Asset Mapping Scheduled for May 2014



Mid-Missouri PtoP Region

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- Summer Internship IBM
- Ameren Partnership
 - Potential internships, externships, energy/infrastructure curriculum advising
- Democratic Party Headquarters
 - Internships available statewide
- NE Pathways to Prosperity Conference
 - Hannibal LaGrange June 24, 2014



Mid-Missouri PtoP Region

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- Jefferson City School District
 - Developing PtoP partnership
- Macon School District
 - Established internship with On-Shore
- Centralia School District
 - Well established internship with Hubble and local businesses



Mid-Missouri PtoP Region

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- Additional Interest in PtoP
 - School of the Osage
 - Lake Area Career Technical Center
 - Knox County
- Upcoming meetings
 - Ray Patrick: Missouri Association of Rural Educators
 - Reaching out to rural Superintendents
 - Lincoln University Aquaculture Department
 - High school internships



KANSAS CITY PATHWAYS REGION

Ann Starlin-Horner
Regional Director

Kansas City PtoP Region

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- Dr. Ann Starlin-Horner
 - Assistant Superintendent Lee's Summit School District
 - July 1, 2014



Kansas City PtoP Region

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- Collaboration with KC STEM Alliance
- Collaboration with PREP-KC
- Asset Mapping May 2014
- KC Conference Scheduled July 2014
 - Kauffman Foundation support



PtoP Missouri

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- Final Notes
 - Developing PtoP brochure
 - Continue to broker relationships
 - Secondary/Postsecondary institutions and
 - Business partners
 - Springfield PtoP Conference tentatively scheduled for July 2014
 - Monthly website highlights featuring students, districts, business partners, etc.



PATHWAYS TO PROSPERITY MISSOURI

Kristie Davis-State Director

Gail Stewart-St. Louis Regional Director

Bragg Stanley-Mid-Missouri Regional Director

Ann Starlin-Horner-Kansas City Regional Director