POWERED BY California Community Colleges

STATEWIDE MULTI-SECTOR INDUSTRY ECONOMIC DEVELOPMENT ACCELERATOR PROJECT

Statewide Sector Directors
of the
Workforce and Economic Development Division
at the
California Community College Chancellor's Office

atl Advanced Transportation and Logistics

GLOBAL TRADE

HWI Health Workforce Initiative

OBJECTIVES:

- Identify the value of business/civic organizations with the Sector Navigators to solicit a statewide outlook of employers needs for a qualified workforce
- Gain insight into the accelerator project alignment to the governor's strategy for the workforce and economic growth
- Discuss the value of cross-sector skills and competencies knowledge to the growth of career education programs
- Relate the need for building education with community and global partnerships to drive the vision for the success of our college students

ISPICS

Funding supported by the CA Community College Chancellors Office

Sector related projects that promote cross sector collaboration and industry partnerships

Opportunities for growth

SECTORS

Advanced Transportation & Logistics

Energy, Construction & Utilities

Global Trade

Health

Retail/Hospitality/Tourism ' Learn and Earn'

MILKEN INSTITUTE

- The Milken Institute is a nonprofit, nonpartisan think tank that helps people build meaningful lives, in which they can experience health and well-being, pursue effective education and gainful employment, and access the resources required to create ever-expanding opportunities for themselves and their broader communities.
  - *Under the auspice of Milken Institute's* Future of Work Initiative

MILKEN INSTITUTE PROJECT

- The Milken Institute in partnership with the Sector Navigators powered by the California Community College Chancellor's Office, Division of Workforce and Economic Development will facilitate the accelerator project to identify entry-level and middle skills required by employer's state's high growth sectors, including health, global trade, and advanced transportation and logistics.

STATEWIDE MULTISECTOR INDUSTRY ECONOMIC DEVELOPMENT ACCELERATOR

ACCELERATOR

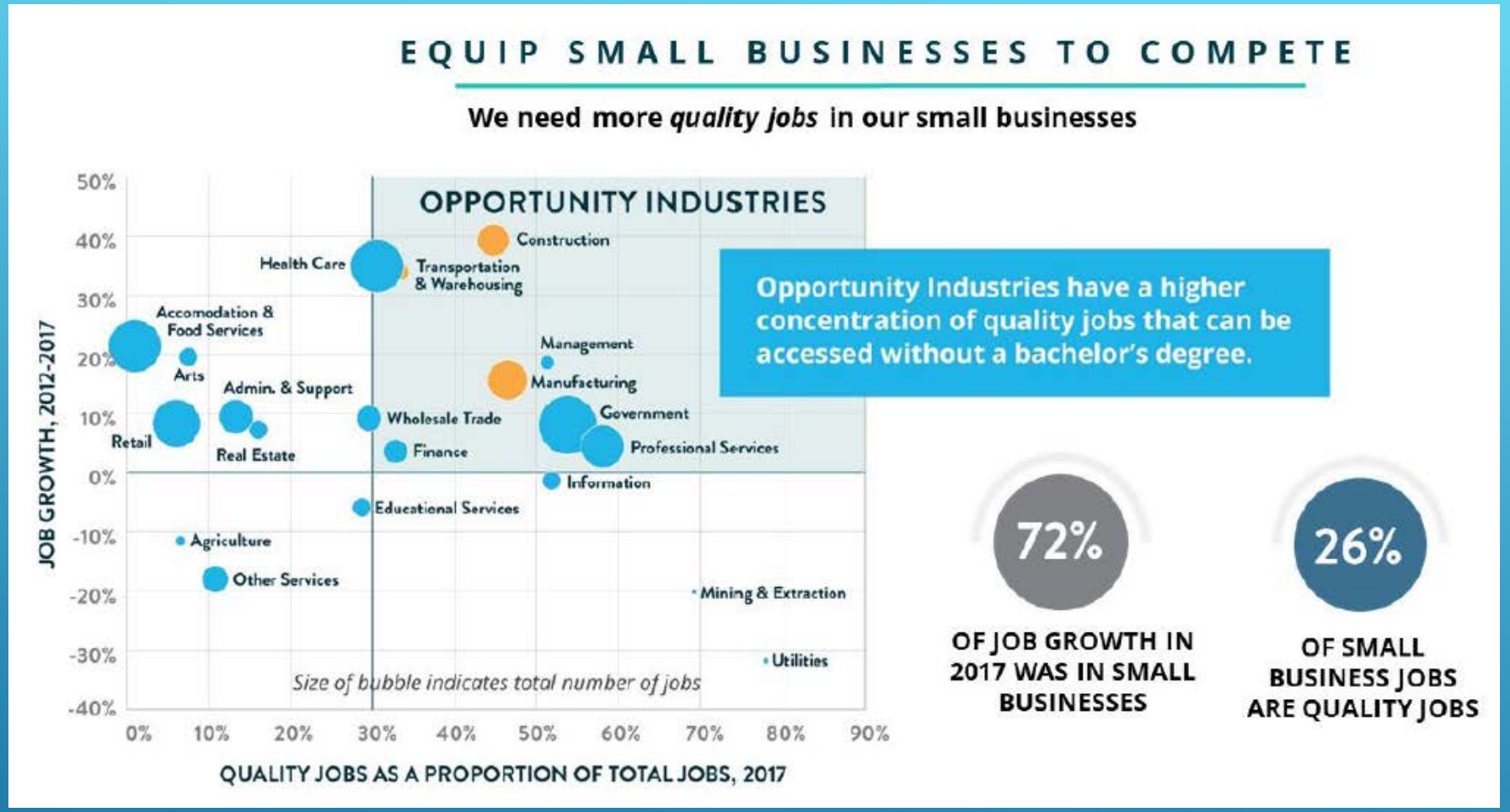
- This project aims to bring together state employers, educators, business, policy, industry, and philanthropic leaders to review data, explore best practices, and make recommendations.

- Set out to assess and match industry concentration with employer needs
- Inform a more robust collaborative model around available and stackable skills-oriented programs
- Inform curricula and/or apprenticeship programs.

GOALS

- The Milken team will
  - Identify business and civic organizations within the sectors, working with the state Directors to solicit candidate participation
  - Extend invitations to participate in regional working committee discussions and provide access to industry advisors and feedback for the committee
  - Facilitate identification of entry-level and middle skills required by employers in multiple sectors
  - Convene 3 roundtable meetings of the Accelerator project under the Future of Work Initiative banner around the state

VALUE OF BUSINESS/CIVIC ORGANIZATIONS WITH THE SECTOR NAVIGATORS TO SOLICIT A STATEWIDE OUTLOOK OF EMPLOYERS NEEDS FOR A QUALIFIED WORKFORCE



BP: SAN DIEGO REGIONAL EDC

OPPORTUNITY INDUSTRIES
Construction
Health Care
Transportation & Warehousing
Management
Manufacturing
Wholesale Trade
Government
Professional Services
Finance
Information
Opportunity Industries have a higher concentration of quality jobs that can be accessed without a bachelor's degree.

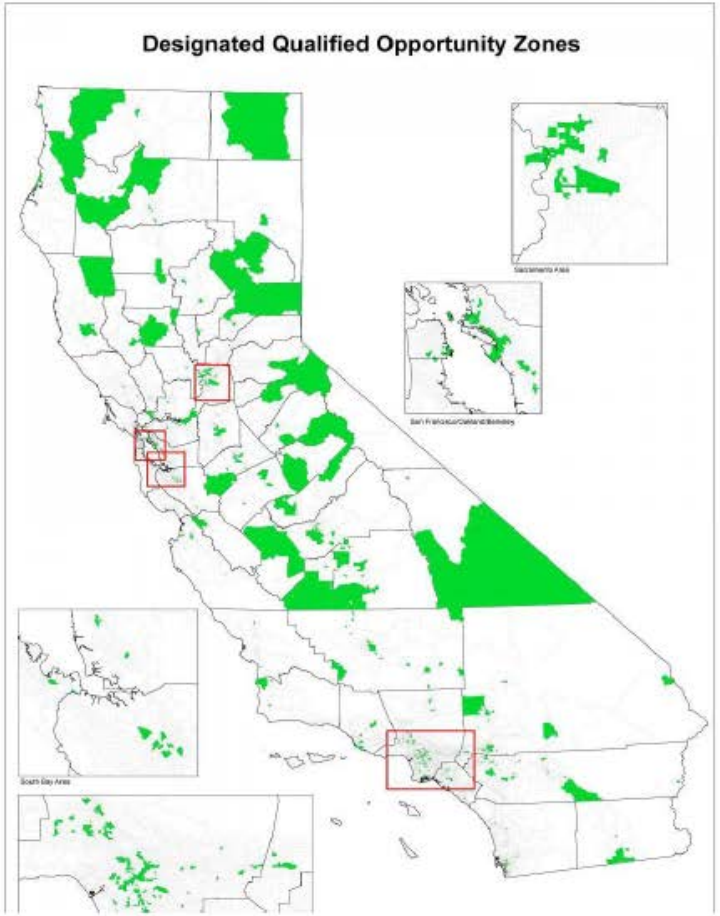
GAIN INSIGHT INTO THE ACCELERATOR PROJECT ALIGNMENT TO THE GOVERNOR'S STRATEGY FOR THE WORKFORCE AND ECONOMIC GROWTH

- Governor Newsom Plan
  - California for All
  - Regions RISE together
- California Community Colleges
  - Vision for Success
  - Strong Workforce Program

HTTPS://OPZONES.CA.GOV/

Where are Opportunity Zones in California?

- 879 Census Tracts in California
- 57 out of 58 counties in state
- Urban and rural
- Spread throughout state
- Strong alignment with Disadvantaged Communities identified through CalEnviroScreen
- Range of needs, assets, and community desires



VALUE OF CROSS-SECTOR SKILLS AND COMPETENCIES KNOWLEDGE TO THE GROWTH OF CAREER EDUCATION PROGRAMS

EMPLOYMENT DISRUPTERS

BUILD A STRONG LOCAL TALENT PIPELINE

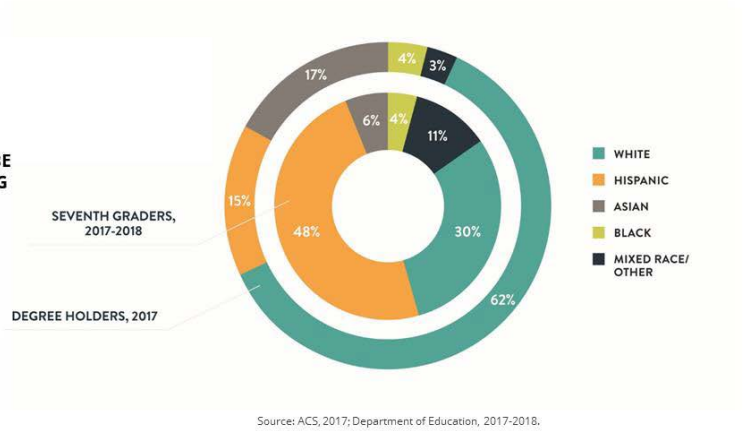
Today's seventh graders are the workforce of 2030.

49%

WORK TASKS THAT COULD BE AUTOMATED WITH EXISTING TECHNOLOGIES

42%

OF NEW JOBS WILL REQUIRE A DEGREE OR CREDENTIAL



Source: ACS, 2017; Department of Education, 2017-2018.

SAN DIEGO REGIONAL EDC

COMPETENCIES EXAMPLE

SOC Codes- Transportation & Trade Competency Priority	
Operation and Control	4.88
Operation Monitoring	4.75
Active Listening	4.62
Speaking	4.38
Repairing	4.25
Reading Comprehension	4.25
Equipment Maintenance	4.25
Troubleshooting	4.12
Systems Analysis	4.12
Repairing	4.12
Operation Monitoring	4.12
Judgment and Decision Making	4.12
Critical Thinking	4.12
Systems Evaluation	4
Speaking	4
Programming	4
Operation Monitoring	4
Negotiation	4
Monitoring	4

What does this really mean for industry?

Similar skills across sectors

Scale of 1-5,
5 being most important

BUILD EDUCATION WITH COMMUNITY AND GLOBAL PARTNERSHIPS TO DRIVE THE VISION FOR THE SUCCESS OF OUR COLLEGE STUDENTS

WHY CREDENTIAL TOOLS ?

- Response to system performance goals
- Program Improvement
- Program Outcomes Policy
- Alignment with CCCCO, CDE, Apprenticeships and Dept. of Labor
- K-12 College and Career Indicator Metric

BENEFITS OF CREDENTIAL TOOLS : PROGRAM ALIGNMENT

Features

- Identifies all credentials aligned with occupations for all sectors
- Compiles all nationally recognized quality measures for every occupation
- Knowledge, skills and competencies listed for every occupation
- Credentials ranked on nationally recognized obtainability measures
  (cost, knowledge, work experience, exam requirements...)

CREDENTIAL ENGINE

- Programs published to the credential engine
  (when approved by designated stakeholder)
- Credential Engine adds marketing visibility for programs to industry and prospective students
- Makes Credentials Transparent and Reveals the Marketplace of Credentials

Grants from Lumina, JP Morgan Chase, Microsoft, Walmart, Northrop Grumman Foundation

www.credentialengine.org

CREDENTIAL SEARCH

Clear fields and select APPLY to reset search functions.

Search by SOC Code - Any -

Search Certification Name

Search SOC Title log

APPLY

SOC CODE LONG	SOC CODE	SOC TITLE	CERTIFICATION NAME	CERTIFICATION TYPE	ORGANIZATION NAME	ORG. WEBSITE	
11-3071.03	11-3071	Logistics Managers	SAP Certified Application Associate - Logistics Execution and Warehouse Management with SAP ERP 6.0	Product/Equipment	SAP America, Inc.	Link	PRINT»
11-3071.03	11-3071	Logistics Managers	Certified Supply Chain Professional	Advanced	American Society of Transportation and Logistics	Link	PRINT»
11-3071.03	11-3071	Logistics Managers	Oracle Fusion Procurement 2014 Essentials	Product/Equipment	Oracle Corporation	Link	PRINT»
11-3071.03	11-3071	Logistics Managers	SAP Certified Application Associate - Logistics Execution & Warehouse Mgmt. with SAP ERP 6.0 EHP5	Advanced	SAP America, Inc.	Link	PRINT»
11-3071.03	11-3071	Logistics Managers	SAP Certified Application Associate - Supplier Relationship Management 7.2	Product/Equipment	SAP America, Inc.	Link	PRINT»
11-3071.03	11-3071	Logistics Managers	Operations and Performance Management Professional	Advanced	American Society of Heating, Refrigerating and Air-Conditioning Engineers	Link	PRINT»
11-3071.03	11-3071	Logistics Managers	Oracle Global Trade Management 6 Essemtials	Product/Equipment	Oracle Corporation	Link	PRINT»
11-3071.03	11-3071	Logistics Managers	Certified Commercial Contracts Manager	Advanced	National Contract Management Association	Link	PRINT»

OUTCOMES

- White paper that will provide innovation in research on the commonality of skill sets distributed to the Community Colleges and Industry Advisory Board serving this project
- Matrix of skills and cross-competencies across multiple sectors
- Summary of best practices informed by the data and recommendations of the council
- Provide outcome webinar to be shared with all CC Administrators and faculty of outcomes
- Develop a sector plan to focus on the Governor's strategy for workforce and economic growth

ROUNDTABLE DATES:

- San Diego, November 13
- Sacramento, January 24, 2020
- Bay Area, March 2020 (TBA)

THANK YOU

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