

# Division of Academics & Performance

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**New Jersey School Boards Association**

**January 25, 2020**

**Division of Academics & Performance**

**Linda P. Eno, Ed.D.**





# Assurance of Postsecondary Success

A stronger, fairer New Jersey can only be achieved if a New Jersey high school diploma is a **statement of assurance** that a public school student is **on a path to postsecondary success**.

“On a path” is defined as having a viable **postsecondary plan** to earn and/or learn.

Key indicators of a viable plan include, but are not limited to:

- at least six college credits related to the plan;
- an industry-valued credential related to the plan;
- work-based experience related to the plan; and
- a score predicting success on an assessment related to the plan.

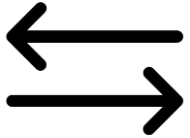


# Agenda

- Perkins V & the Comprehensive Local Needs Assessment (CLNA)
- Career and Technical Education (CTE) Teacher Certification
- Adult HS Equivalency Assessments
- Announcements and Opportunities
- Questions



# Key Themes in Perkins V



**Align Programs  
to Labor  
Market**



**Foster  
Collaboration**



**Strengthen  
Teacher Pipeline**



**Expand Guidance  
and Counseling**



**Promote  
Innovative  
Strategies**



**Support State  
and Local  
Improvement**



**Encourage  
Equitable  
Access**



**Build and Use  
Evidence for  
Improvement**



*Source: Perkins: An Opportunity to “ReThink CTE”, Presentation by USDOE, 10/17/18*

# Six Key Elements of the CLNA *(Regional and Local)*



1. Labor Market Alignment
2. CTE Program Size, Scope and Quality
3. Student Performance
4. CTE Program Implementation
5. CTE Staff, Recruitment, Retention and Development
6. CTE Program Access and Equity



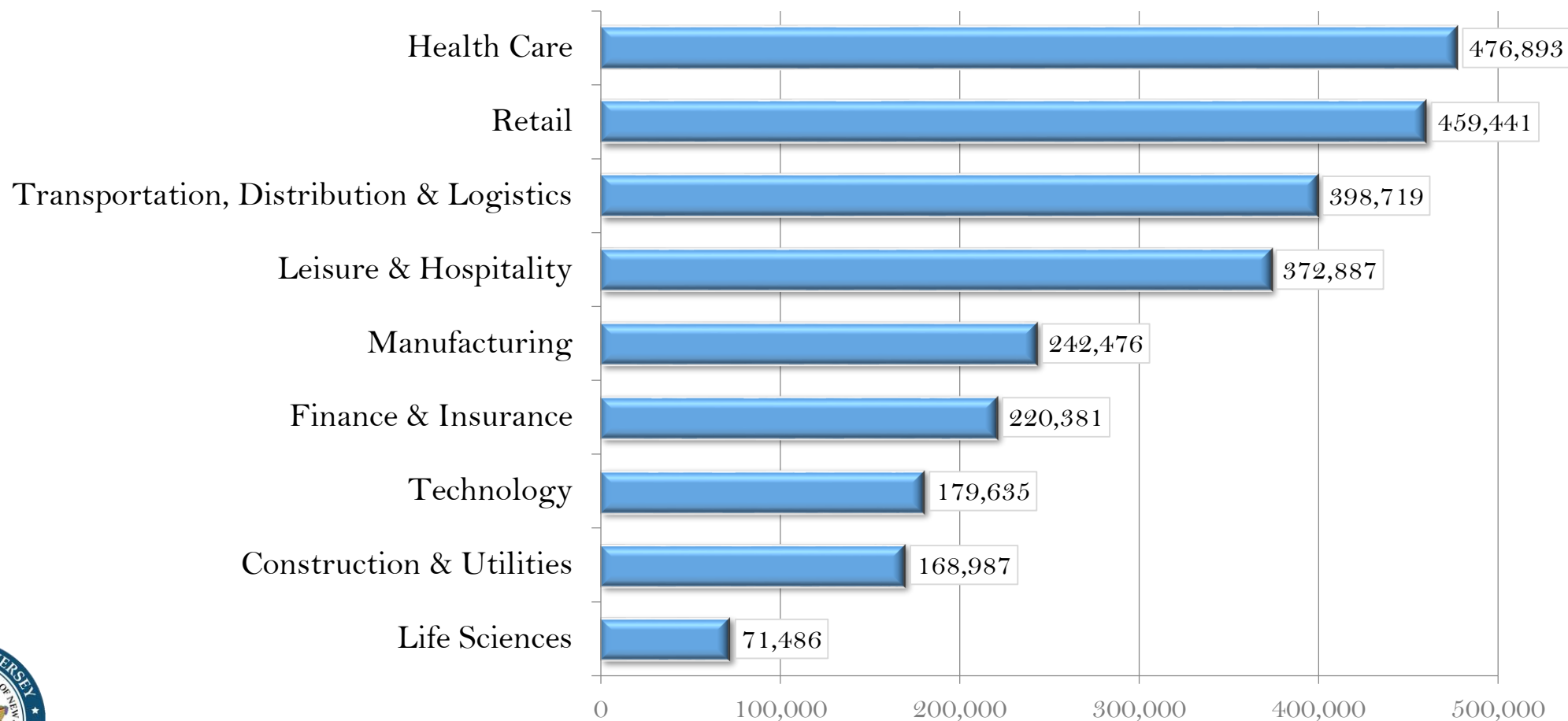
# CLNA Provides Opportunities To:

- Share best practices that help to meet the needs of all students
- Start a conversation with stakeholders and develop partnerships
- Collaborate with business and industry to meet labor market needs
- Leverage resources
- Coordinate program development



# New Jersey's Industries of Focus

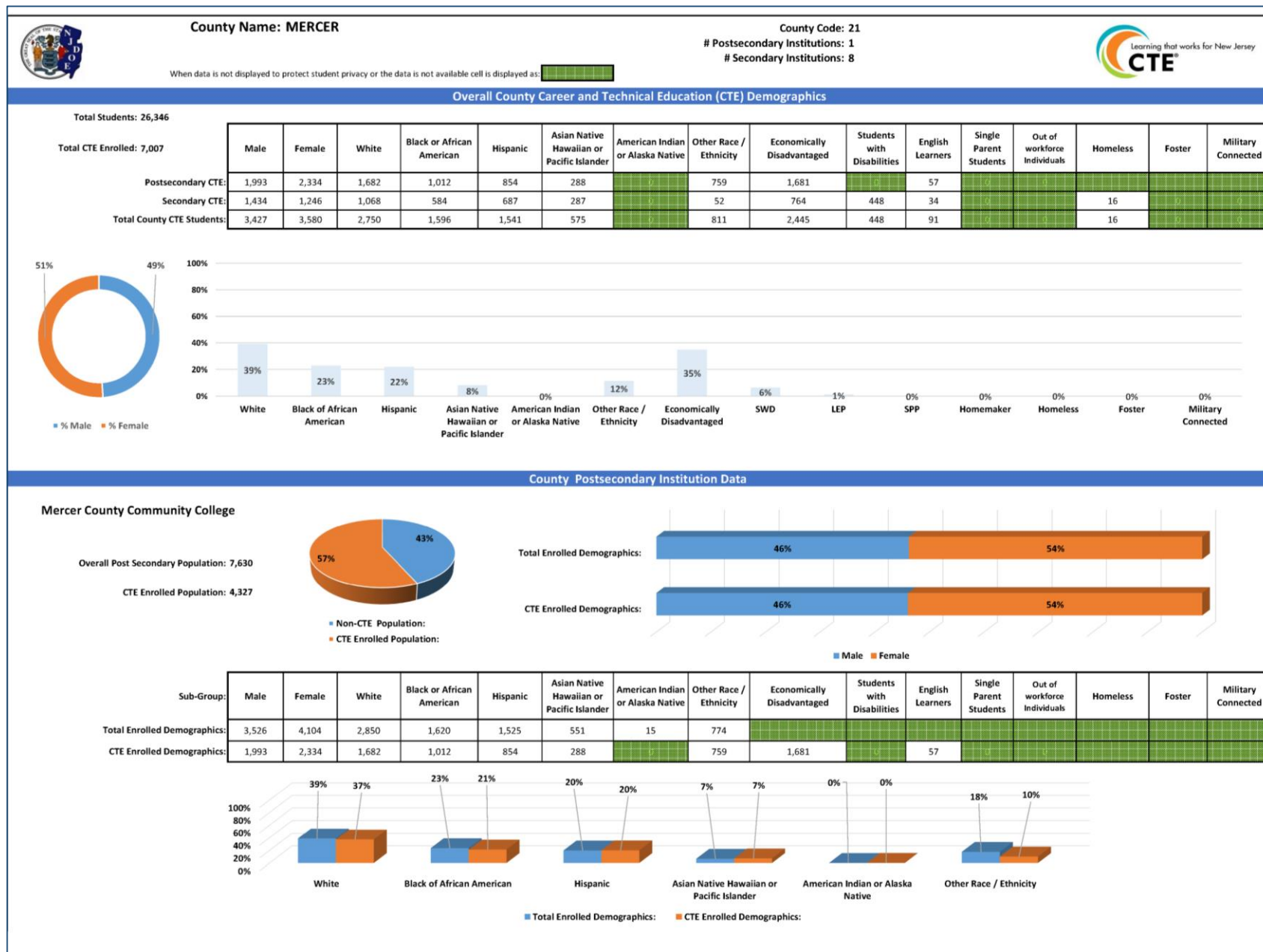
*Total private sector employment = 3.4 Million*



Source: Quarterly Census of Employment and Wages, Annual Averages



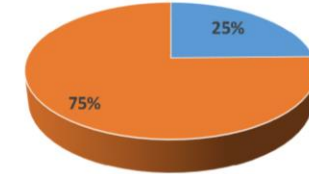
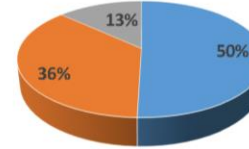
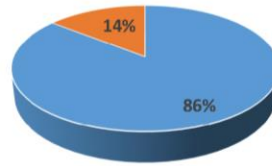
# Sample County Data Cards





## County Secondary Institution Data

Overall Secondary Population: 18,716  
 CTE Enrolled Population: 2,680  
 CTE Participant Enrollment: 1,352  
 CTE Concentrator Enrollment: 974  
 CTE Completer Enrollment: 354  
 Program of Study: 20  
 Non-program of Study: 61



■ Non-CTE Population: ■ CTE Enrolled Population:

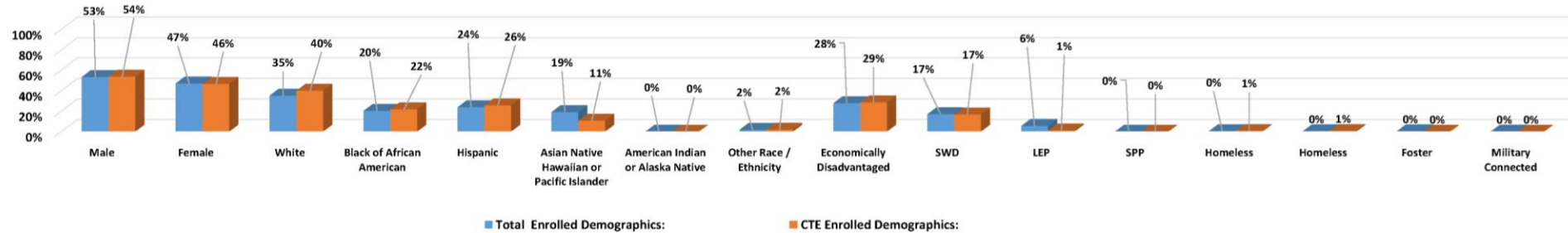
■ CTE Participant Enrollment:

■ CTE Concentrator Enrollment:

■ CTE Completer Enrollment:

■ Program of Study: ■ Non-program of Study:

	Male	Female	White	Black or African American	Hispanic	Asian Native Hawaiian or Pacific Islander	American Indian or Alaska Native	Other Race / Ethnicity	Economically Disadvantaged	Students with Disabilities	English Learners	Single Parent Students	Homeless	Foster	Military Connected
Total Enrolled Demographics:	9,942	8,774	6,560	3,792	4,450	3,567	13	334	5,183	3,184	1,059		85	75	20
CTE Enrolled Demographics:	1,434	1,246	1,068	584	687	287		52	764	448	34		16		



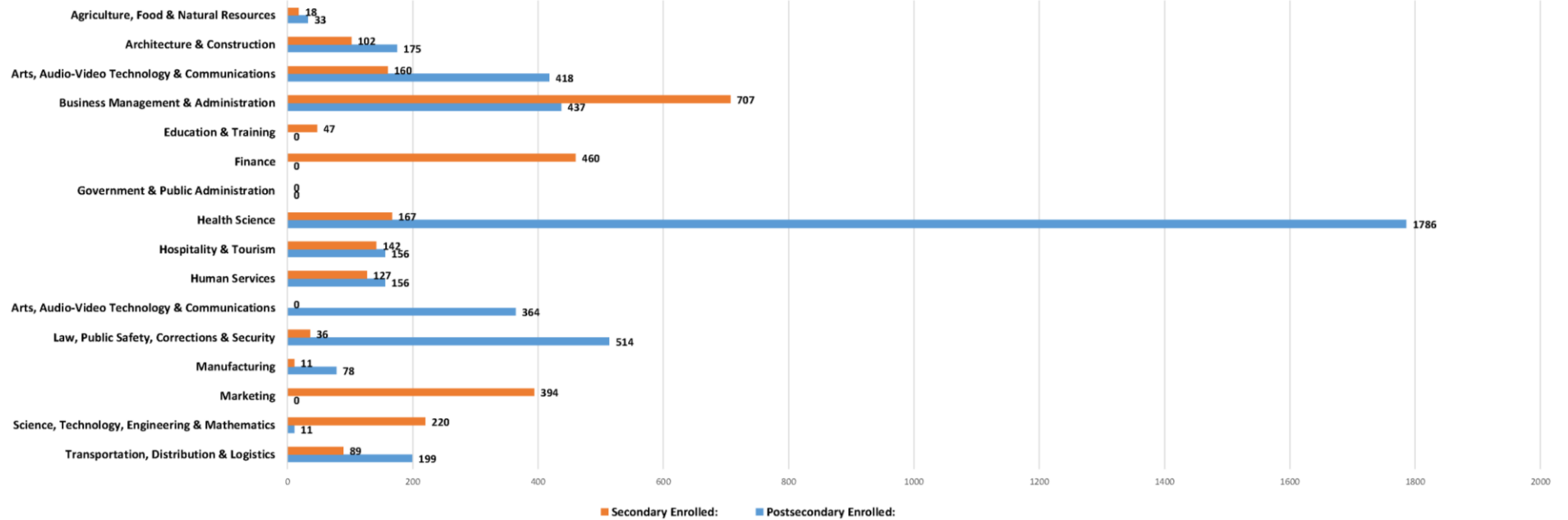
■ Total Enrolled Demographics:

■ CTE Enrolled Demographics:

Secondary Institutions	2018-19 District Secondary Population	2018-19 CTE Enrolled Student Population	2018-19 % CTE Student Enrollment	% CTE Male	% CTE Female	% CTE White	% CTE Black or African American	% CTE Hispanic	% CTE Asian Native Hawaiian or Pacific Islander	% CTE American Indian or Alaska Native	% CTE Other Race / Ethnicity	Students with Disabilities	English Learners	Economically Disadvantaged	Homeless	Military Connected
East Windsor Regional (1245)	1,560	502	32%	50%	50%	38%	10%	29%	22%	0%	0%	5%	2%	26%	0%	0%
Ewing Twp (1430)	1,019	230	23%	57%	43%	27%	48%	17%	5%	0%	0%	20%	0%	40%	0%	0%
Hamilton Twp (1950)	3,425	462	13%	56%	44%	58%	15%	21%	5%	0%	0%	5%	0%	8%	0%	0%
Hopewell Valley Regional (2280)	1,092	284	26%	55%	45%	82%	0%	4%	10%	0%	0%	11%	0%	4%	0%	0%
Lawrence Twp (2580)	1,096	21	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Mercer County Vocational (3105)	957	740	77%	53%	47%	36%	22%	31%	8%	0%	0%	33%	0%	33%	0%	0%
Robbinsville Twp (5510)	1,044	100	10%	75%	25%	43%	0%	0%	48%	0%	0%	0%	0%	0%	0%	0%
Trenton Public School District (5210)	2,887	341	12%	45%	55%	0%	53%	46%	0%	0%	0%	0%	0%	0%	0%	0%



County CTE Enrollment by Cluster (Postsecondary -vs- Secondary)



Top 10 Classification of Instructional Programs (CIPs) Post Secondary/ Secondary

Career Cluster	Postsecondary institution Top 10 CIPs	Enrollment
Arts, Audio-Video Technology & Communications	110201 - Computer Programming	179
Education & Training	310505 - Professional Studies, Exercise Science Option	128
Information Technology	360113 - Game Programming	101
Law, Public Safety, Corrections & Security	430107 - Criminal Justice	424
Transportation, Distribution & Logistics	490102 - Commercial Pilot	125
Arts, Audio-Video Technology & Communications	500402 - Art, Computer Animation	265
Health Science	513801 - Nursing	189
Health Science	519999 - Health Science	1,362
Business Management & Administration	520101 - Professional Studies, Business Administration	273
Finance	520302 - Business Administration, Accounting	115

Career Cluster	Secondary Institution Top 10 CIPs	Enrollment
Human Services	120401 - Cosmetology/Cosmetologist, General	127
Hospitality & Tourism	120500 - Cooking & Related Culinary Arts, General	56
Hospitality & Tourism	120503 - Culinary Arts/Chef Training	67
Science, Technology, Engineering & Mathematics	144201 - Mechatronics, Robotics, and Automation Engineering	98
Science, Technology, Engineering & Mathematics	150000 - Engineering Technology, General	122
Arts, Audio-Video Technology & Communications	500102 - Digital Arts	64
Health Science	510000 - Health Services/Allied Health/Health Sciences, General	133
Business Management & Administration	520201 - Business Administration and Management, General	678
Finance	520302 - Accounting Technology/Technician & Bookkeeping	436
Marketing	521801 - Sales, Distribution, & Marketing Operations, General	394



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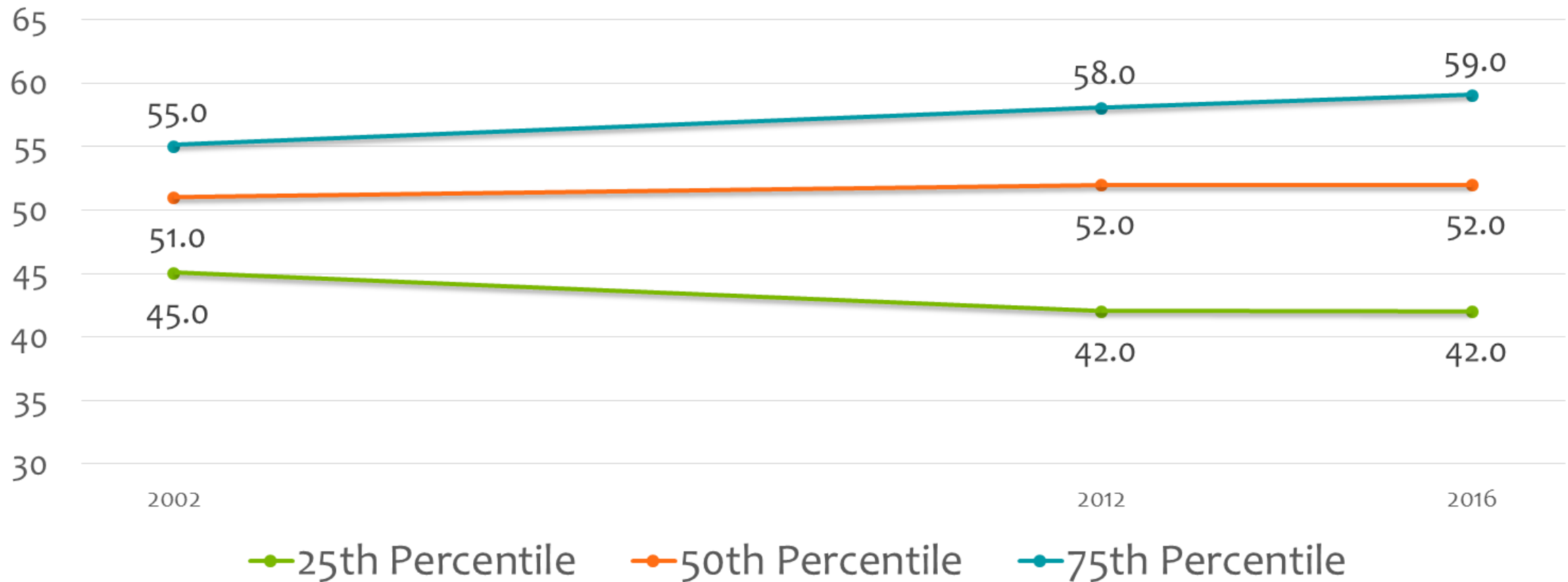
# CTE Teachers in New Jersey



- There are nearly 3,400 CTE teachers in New Jersey.
- Half of all CTE teachers were 52 years old or older and a quarter were 59 years old or older (*2015-2016*).
- Half of all CTE teachers have 11 years of experience in New Jersey or more and a quarter have 17 years of experience or more (*2015-2016*).
- Acute shortage of CTE teachers in the following Career Clusters<sup>®</sup>:
  - Agriculture, Food and Natural Resources
  - Health Science
  - STEM
  - Information Technology



# Historical Comparison of Age of CTE Teachers (2002 to 2016)



# Endorsements in NJ's Industries of Focus

Career Cluster	Issued between 2014-present	Issued 2018-19	% obtained within 2018-2019
Architecture & Construction	180	79	44%
Health Sciences	173	49	28%
Manufacturing	83	30	36%
Transportation, Distribution & Logistics	68	14	21%
Computer Science/Information Technology	172	55	32%



# Adopted Amendments – November 2019

## (*N.J.A.C. 6A:9* )



- Address CTE teacher shortages in in-demand industries and occupations, which affect approved CTE programs of study in comprehensive high schools, charter high schools, and county vocational school districts.
- Offer more flexibility for candidates for the CTE endorsement, which will result in an increased pool of candidates while maintaining the high-quality professional standards for educators and ensuring that educators are well prepared to teach and lead in the classroom.
- Increase equity of access to CTE programs and educational programs and opportunities for students interested in vocational-technical career paths.

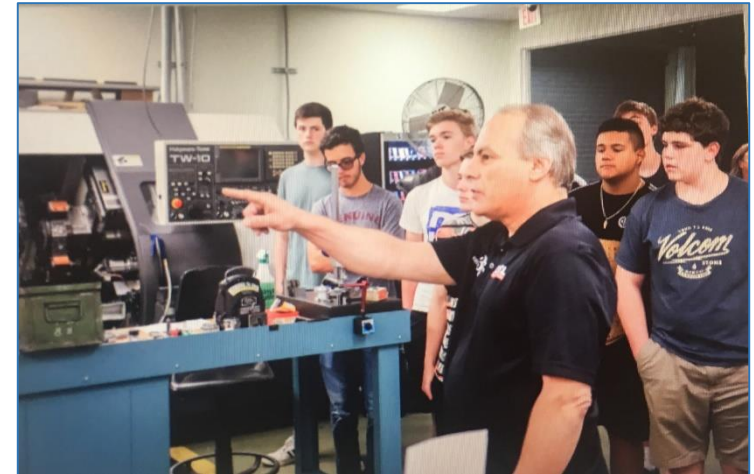




# USDE CTE Teacher Pathway Initiative Grant



- The purpose of the CTE Teacher Pathway Initiative is to increase the supply of high school CTE teachers available to teach students in CTE programs that align to in-demand industry sectors or occupations.
- NJDOE is working closely with current and prospective teachers, districts, NJLWD, and business and industry partners to match qualified candidates to opportunities.
- Grant period began October 1, 2017 and will end September 30, 2020





# Examples of CTE Programs in Architecture and Construction & Manufacturing (Total: 190)

- Building Construction Technology
- Carpentry
- Construction
- Drafting
- Electrician
- HVAC
- Masonry
- Plumbing Technology
- Welding
- Woodworking



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# High School Equivalency Assessments

For out-of-school youth (ages 16 and 17 with parental permission) and adults (ages 18 and over) to obtain a state-issued high school diploma.

Additional information:

- Students must pass five subtests (reading, writing, math, social studies, and science) to receive a state-issued high school diploma.
- All three High School Equivalency Assessments (HSEs) are aligned to the Common Core State Standards.
- The average age of a person taking one of the HSEs is 25.
- In 2018, approximately 40% of test takers were unemployed, 23% worked full-time, 21% worked part-time, and 16% were not in the labor force.



# Impact: Adjustment of These Passing Scores



- **HiSET** – Adjusting the HiSET passing score from 9 to 8 for all subtests would result in approximately another 634 individual students (9.5% of those who took the assessment) immediately receiving a state-issued high school diploma since 2014.
- **GED** - Adjusting the GED passing score from 150 to 145 for all subtests would result in approximately another 410 individual students (9.6% of those who took the assessment) immediately receiving a state-issued high school diploma since 2014. There will also be 1,000+ individuals who will be impacted at the subject area level and may be motivated to return to testing and earn their credential.
- **TASC** – Adjusting the TASC score would have **no** effect as New Jersey has been using the recommended scale of 300-800 with a passing score of 500 for each subtest since 2014.



# Questions?

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# Announcements & Opportunities

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# February is CTE Month



**CELEBRATE TODAY,  
OWN TOMORROW!**

As part of our CTE Month celebration, we plan to spotlight high-quality CTE programs and students in our state.

Please complete the survey with details about student success stories and events or presentations that your school district is planning during CTE Month. We will share this information on the NJDOE website and social media to showcase the value of CTE and the many benefits that it provides to students.

Survey: [www.surveymonkey.com/r/CTEMonth2020](https://www.surveymonkey.com/r/CTEMonth2020)





# New Jersey Student Learning Standards



**2020 Draft Standards** <https://www.nj.gov/education/cccs/2020/>)

NJDOE will hold public comment sessions on:

- February 24 at Warren County Technical School
  - March 4 at the NJDOE, 100 Riverview Plaza, Trenton
  - March 10 at Camden County College
- 
- Send comments via email to [standardsreview@doe.nj.gov](mailto:standardsreview@doe.nj.gov)
  - Public comment closes on March 30, 2020.





# Upcoming Events & Opportunities



- **February 6:** New Jersey Wage and Hour and Wage Payment and Child Labor Laws, Regulations, and Hazardous Orders Course at Essex County Vocational School
- **February 20:** Structured Learning Experience Symposium at Burlington County Institute of Technology
- **February 24 and 26:** Designing and Implementing Student Training Plans at Morris County Vocational Schools
- **February 27 and 28:** OSHA 10 Plus, Monmouth County Vocational School



# Thank You!

New Jersey Department of Education Website  
<http://www.state.nj.us/education/>

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