

# Building Capacity for Career Pathways Programs

Please note that this Powerpoint Presentation has been modified from its original version to be more accessible.

# Elizabeth Public Schools

- Our Vision

- Elizabeth Public Schools will be one of the highest performing urban school districts in the nation.

- Our Promise

- To provide an innovative & personalized learning environment that ensures that every child achieves excellence.

# Elizabeth Public Schools: At-a-Glance

- Early Childhood Centers:
  - 3 Schools
- Pre K – 8 Schools: 26 Schools
  - 2 Gifted and Talented Schools
  - 4 Magnet Schools
  - 20 Neighborhood Schools
  - High Schools: 7 Schools
- 17.8% English Language Learners
- 11.3% students with Individualized Educational Plans
- 77.9% students who qualify for Free and Reduced Lunch
- Total enrollment: 28,717

# Building Capacity for Career Pathways

## Elizabeth Public Schools:

- Expansion of Health Science Career Pathways at Admiral William F. Halsey Academy of Health and Public Safety
  - Allied Health – Introduced September 2017
  - Emergency Medical Technology – To be introduced September 2019

# Purpose of the Building Capacity for Career Pathways Grant

- Focus on preparing students for careers in high-labor market demand occupations that provide family sustaining wages.
- State-funded pilot program intended to expand the number of career pathways for students in grades 9-12 in comprehensive school districts, regional high school districts, and charter schools.
- Involve business and industry partners and postsecondary institutions in development of program.

# Purpose

## Employment Profile: Health Occupations; Nursing

Employment estimate and mean wage estimates for this occupation:

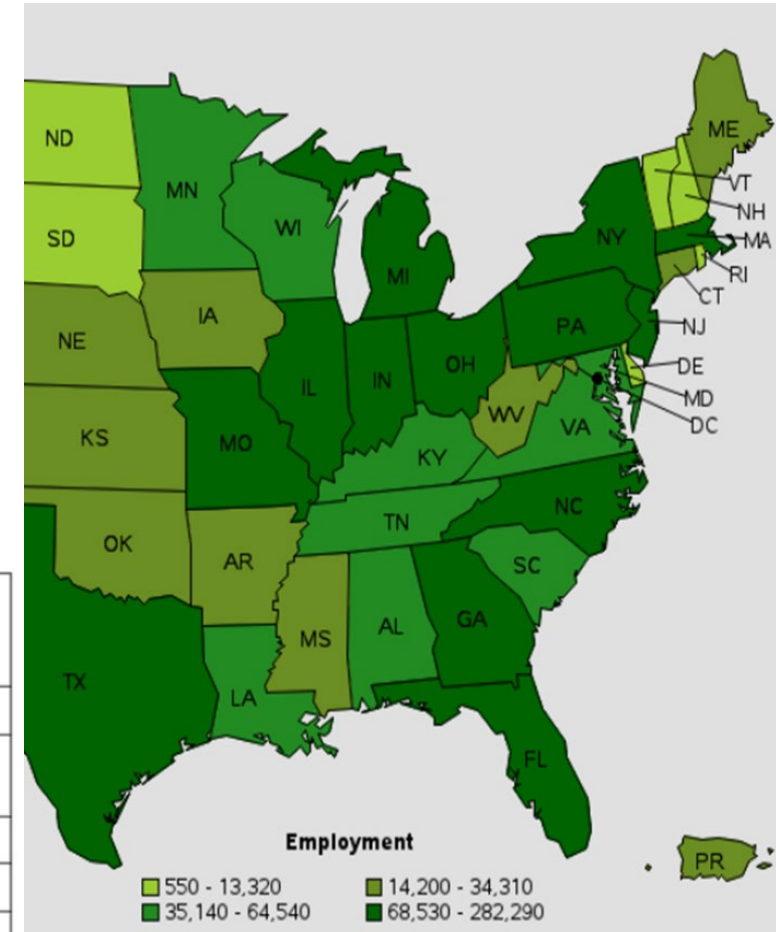
Employment <a href="#">(1)</a>	Employment RSE <a href="#">(3)</a>	Mean hourly wage	Mean annual wage <a href="#">(2)</a>	Wage RSE <a href="#">(3)</a>
2,906,840	0.5 %	\$35.36	\$73,550	0.2 %

Percentile wage estimates for this occupation:

Percentile	10%	25%	50% (Median)	75%	90%
Hourly Wage	\$23.41	\$27.57	\$33.65	\$41.33	\$50.05
Annual Wage <a href="#">(2)</a>	\$48,690	\$57,340	\$70,000	\$85,960	\$104,100

Industries with the highest concentration of employment in this occupation:

Industry	Employment <a href="#">(1)</a>	Percent of industry employment	Hourly mean wage	Annual mean wage <a href="#">(2)</a>
<a href="#">General Medical and Surgical Hospitals</a>	1,685,820	30.64	\$36.45	\$75,820
<a href="#">Specialty (except Psychiatric and Substance Abuse) Hospitals</a>	62,310	23.98	\$37.16	\$77,290
<a href="#">Psychiatric and Substance Abuse Hospitals</a>	39,100	16.33	\$34.27	\$71,290
<a href="#">Outpatient Care Centers</a>	132,070	15.00	\$36.39	\$75,680
<a href="#">Home Health Care Services</a>	179,310	12.84	\$33.77	\$70,230



# Purpose

## Employment Profile: EMT

### National estimates for this occupation: [Top](#)

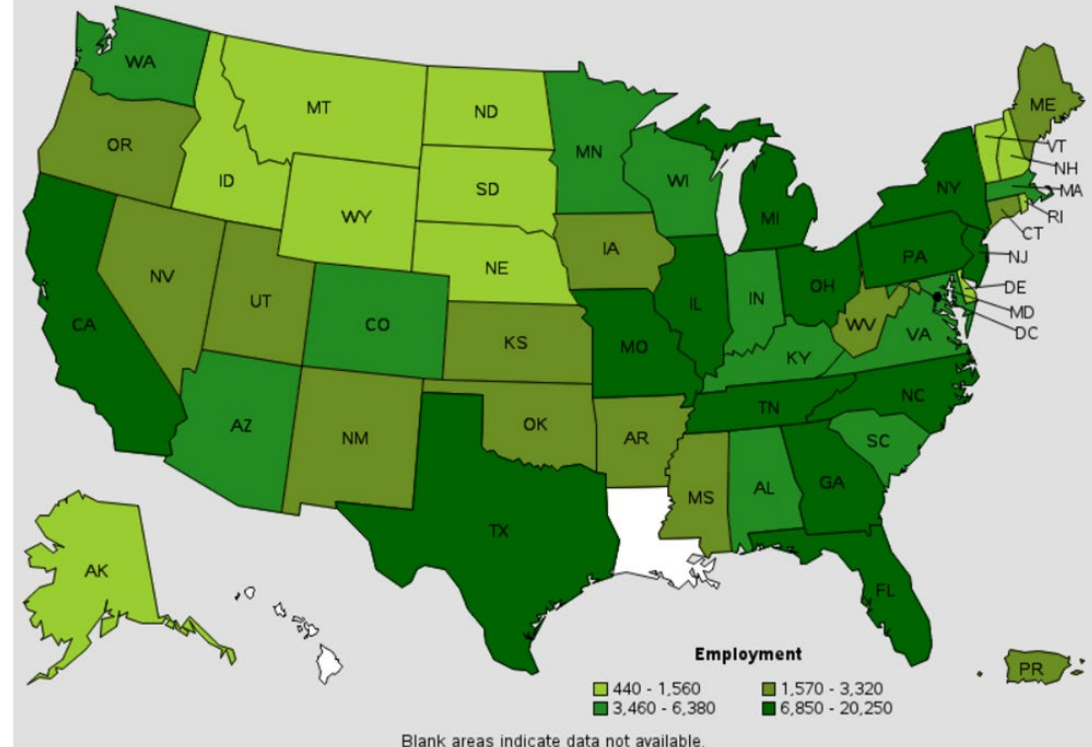
Employment estimate and mean wage estimates for this occupation:

Employment <a href="#">(1)</a>	Employment RSE <a href="#">(3)</a>	Mean hourly wage	Mean annual wage <a href="#">(2)</a>	Wage RSE <a href="#">(3)</a>
251,860	1.2 %	\$17.64	\$36,700	0.7 %

Industries with the highest levels of employment in this occupation:

Industry	Employment <a href="#">(1)</a>	Percent of industry employment	Hourly mean wage	Annual mean wage <a href="#">(2)</a>
<a href="#">Other Ambulatory Health Care Services</a>	120,990	40.52	\$16.24	\$33,780
<a href="#">Local Government, excluding schools and hospitals (OES Designation)</a>	68,020	1.25	\$19.42	\$40,380
<a href="#">General Medical and Surgical Hospitals</a>	46,630	0.85	\$18.23	\$37,930
<a href="#">Other Support Services</a>	2,200	0.72	\$16.74	\$34,820
<a href="#">Outpatient Care Centers</a>	1,640	0.19	\$19.55	\$40,670

Employment of emergency medical technicians and paramedics, by state, May 2017



# Expansion of Health Science through Career Pathway Building Capacity Grant

- Health Occupations
  - The only CTE Approved Program of Study prior to grant
  - 1982-Present
- Awarded the Career Pathway Building Capacity Grant
  - 4/26/2016
- Introduce and Develop Allied Health Program (2017-18)
  - Articulation Agreement with Rutgers School of Nursing.
  - Dynamics of Health Care in Society (3 credits)
  - Medical Terminology (3 credits)
  - Emergency and Clinical Care (2 credits)
- Introduce EMT Certification as Next Program of Study (Sept. 2019)



# Health Science Programs

- Health Occupations
  - Nursing Assistant Unit Coordinator
- Allied Health
  - Rutgers Dual Credit Courses
- EMT Certification
  - Proposed for 2019

# What is Innovative about the Program?

- Dual Enrollment Credit
- Clinical Hours
- Blended Learning Environment
- Industry and Government Partnerships

# Allied Health Program of Study Introduced in 2017-18 School Year

- Certification
  - Prepares students for CPR Certification
- Dual Credit
  - Articulation Agreement with Rutgers University
- Clinical Hours
  - Clinical Hours at Trinitas Regional Medical Center
- Blended Learning
  - 90 mins. Block Classes Daily
  - Online/ hands-on/ Classroom

Program Name: Allied Health

CIP Code: 510000

Post Secondary Partners: Rutgers University

Number of Credits: 8

Industry-valued Credential: CPR Certification - AHA

# EMT Program of Study

## Introduced in 2017-18 School Year

- Certification
  - Prepares Students for EMT Certification Exam
  - CPR Certification
- Dual Credit
  - Planning Articulation Agreement with Union County College and Rutgers University
- Clinical Hours
  - 15 Clinical Hours in ER at Trinitas Regional Medical Center
- Ambulance Hours
  - 30 hours of Ambulance Experience w/ Elizabeth Fire Department
- Partnership
  - Partnership with Elizabeth Fire Department and Union County EMT Trainer
- Blended Learning
  - 90 mins. Block Classes Daily
  - Online/ hands-on/ Classroom

Program Name: Emergency Medical Technician

Cip Code: 510810

Postsecondary Partners: Union County college & Rutgers University

Number of Credits: In Progress

Industry-valued Credential: CPR Certification – AHA and EMT Certification

# Increasing Access: Recruitment

- Guidance Counselor

- Met with all 10th grade students in Intro to Health Science classes
- Met with all 11th grade students
- Available for Individual /Group counseling
- Shared information about course offerings
- Developing a recruitment brochure for students
- Facilitated the completion of career interest inventory on Naviance
- School Counselor to attend SLE Trainings

- Administrators/CTE Teachers

- Developed a recruitment video; students currently in Health Occ.
- Classes videotaped in hospital, learning CPR in class
- Discussing what they do in clinical
- Eighth graders and parents visiting during Open House were given tours and question and answer opportunities
- Attended Winter Workshop in February 2018
- District Career Symposium Spring 2019

# Increasing Access: Number of Students Served

<b>Course</b>	<b>Course #</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Ethics and Careers	N453	30	58	126	53
Health Occupations I Nursing Asst.	N454	18	19	18	19
Health Occupations I Unit Coordinator	N456	16	7	10	7
Dynamics in Health Care and Society Hon	N463		10	16	16
Emergency and Clinical Care Honors	N466			13	13
Medical Terminology Honors	N467			14	16
<b>Total Enrollment</b>		<b>64</b>	<b>94</b>	<b>197</b>	<b>124</b>

# Measures of Success

- Dual Enrollment
  - Dynamics of Health Care  
81% pass rate
  - Emergency Clinical Care  
100% pass rate
  - Medical Terminology  
77% pass rate

# How Do Partnerships Help Drive Innovation?

- Ensures high school curricula is aligned to postsecondary and industry standards
- Partnership with the Trinitas Regional Medical Center and the Elizabeth Fire Department provide extensive clinical experiences
- Provide collective resources and symbiotic opportunities



# Lessons Learned

- Establishing partnerships with Trinitas Regional Medical Center and Elizabeth Fire Department
- Creating a pathway for future employment opportunities for students
- Career Pathways Building Capacity Grant to expand our program of study offerings

# Elizabeth Public Schools

## Student Experience

- William F. Halsey Health and Public Safety Academy
  - Nicole Prado, Grade 10
  - Valentina Esquivel, Grade 12
  - Maciyah Reid, Grade 12