

Identifying Future Transit and Transportation Workforce Needs

Jack Clark

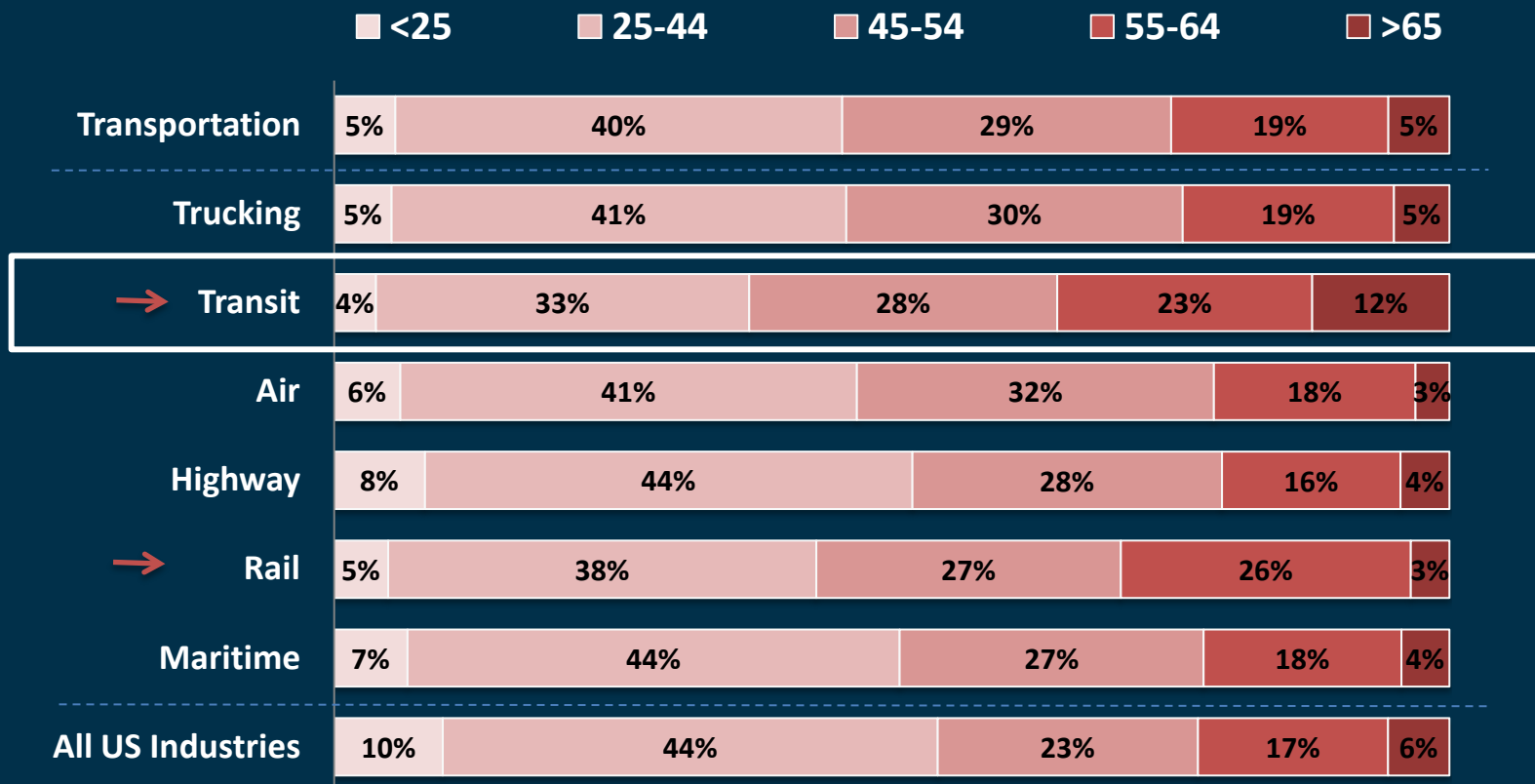
Executive Director

Transportation Learning Center

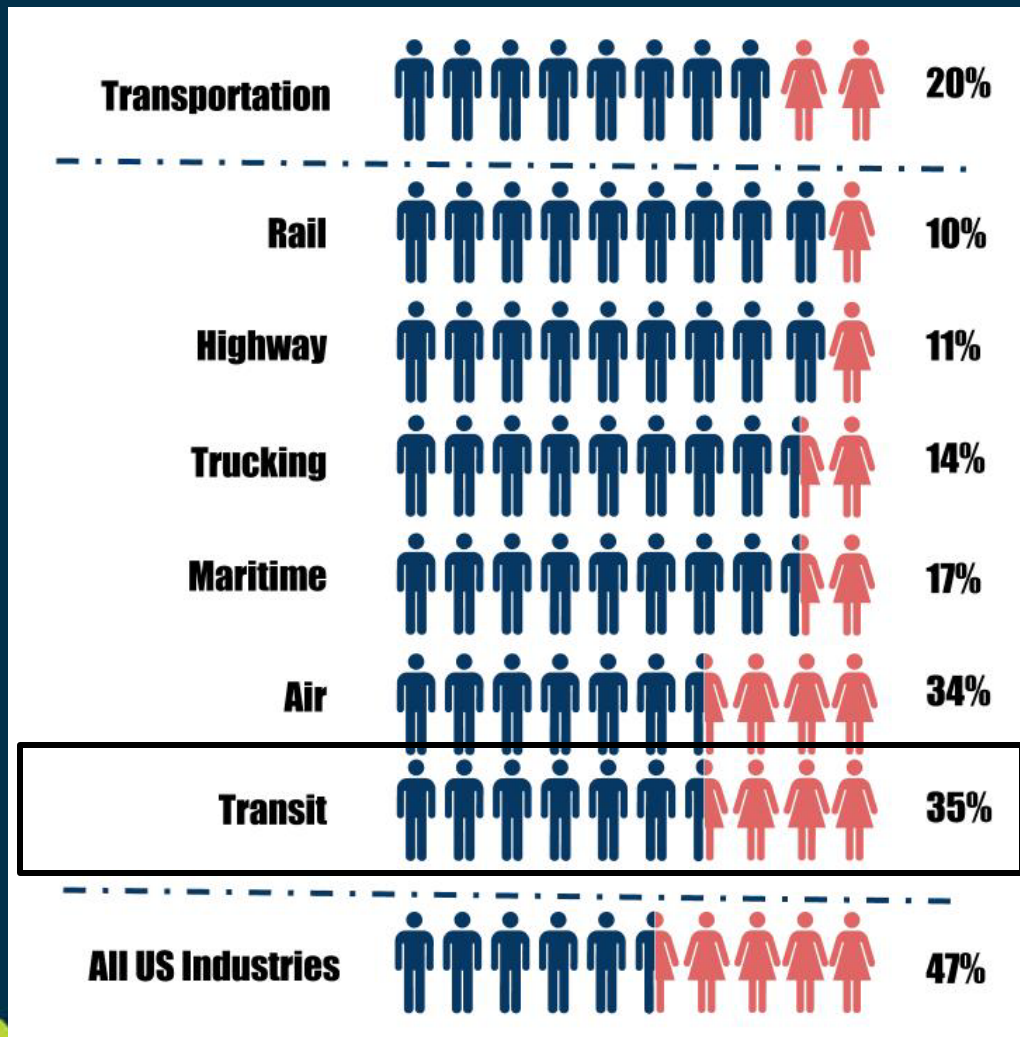
Silver Spring, MD



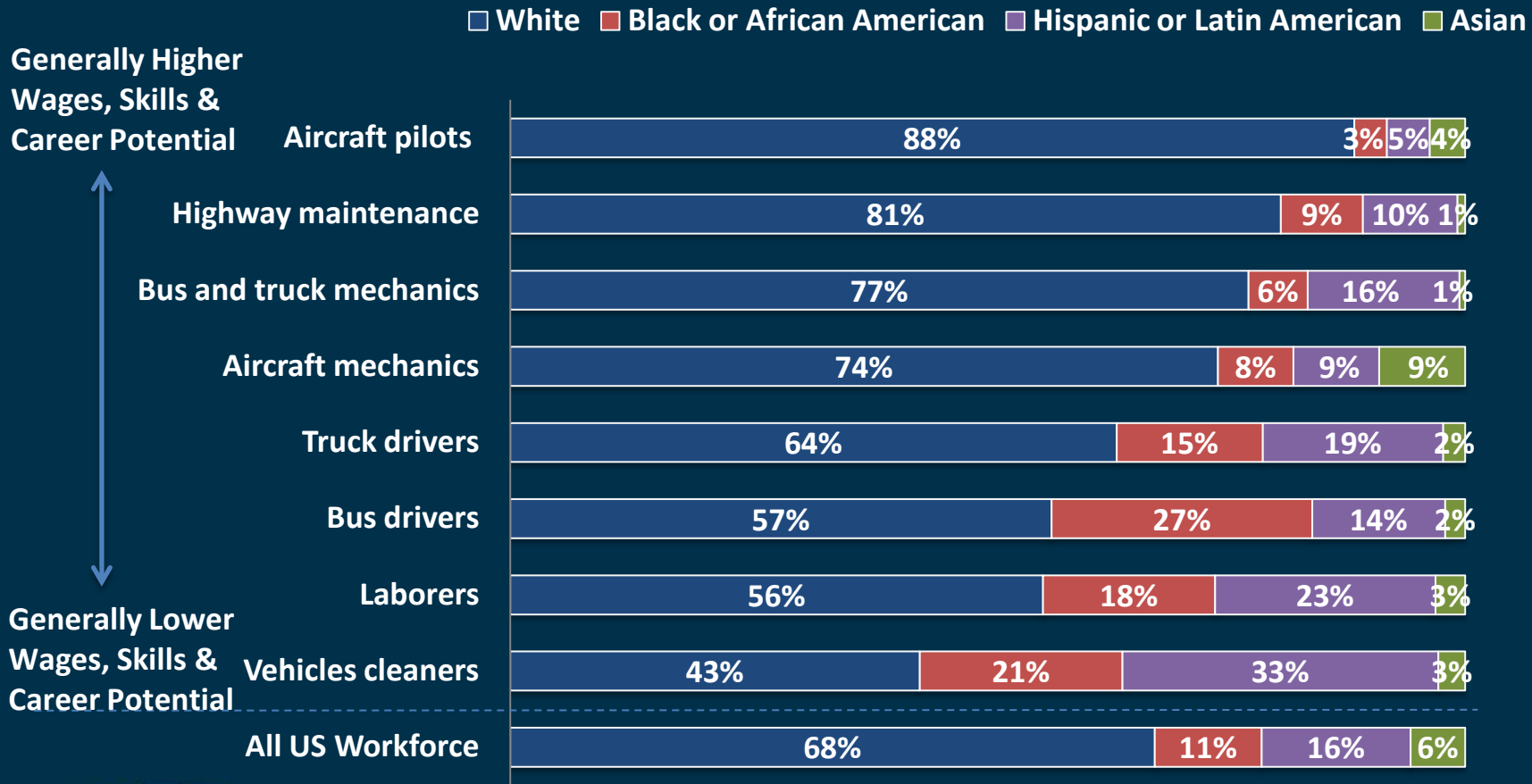
Transit has the highest percentage of older workers among all transportation sectors



Women continue to be under-represented in transit, especially in technical positions e.g. mechanics



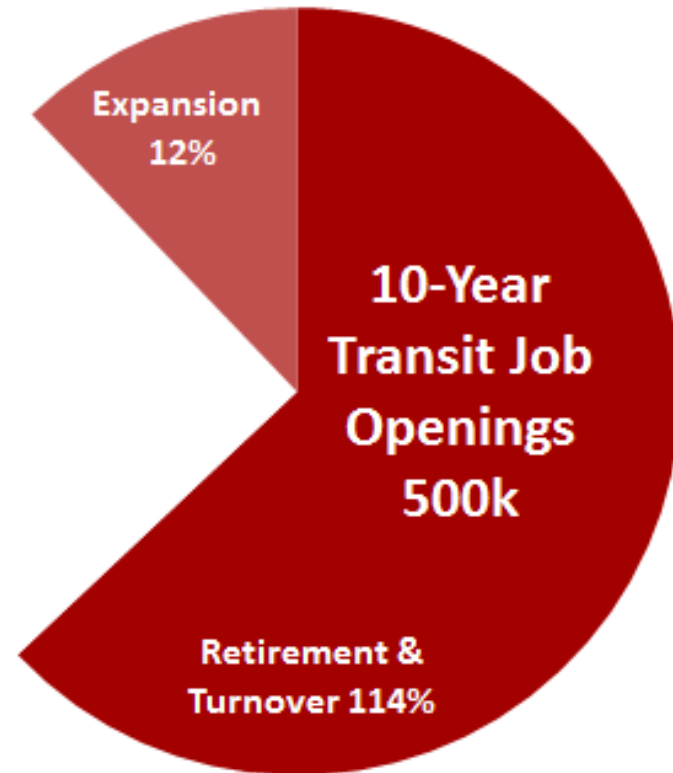
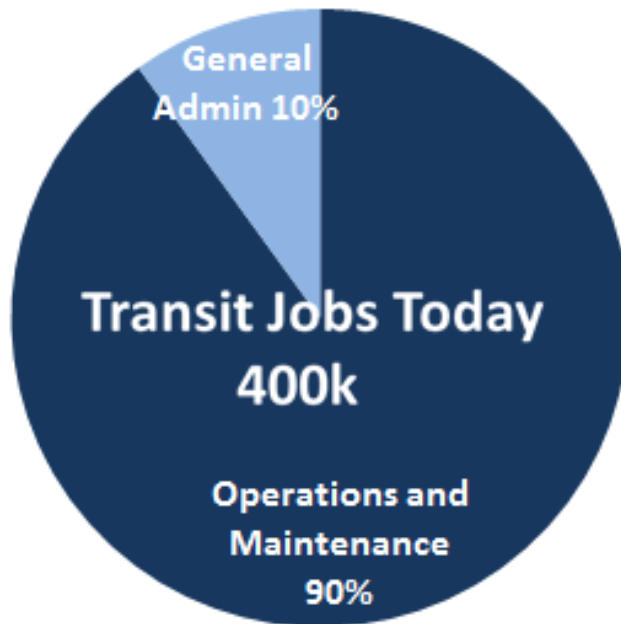
African-Americans and Hispanics underrepresented in higher paid and skilled transportation jobs



Growth and separations will generate 4.6 million total job openings in transportation in ten years, 1.2 times the current workforce



126 Percent of Today's Transit Workforce Will Have to Be Hired and Trained in the Next 10 Years; 90 percent are frontline workers

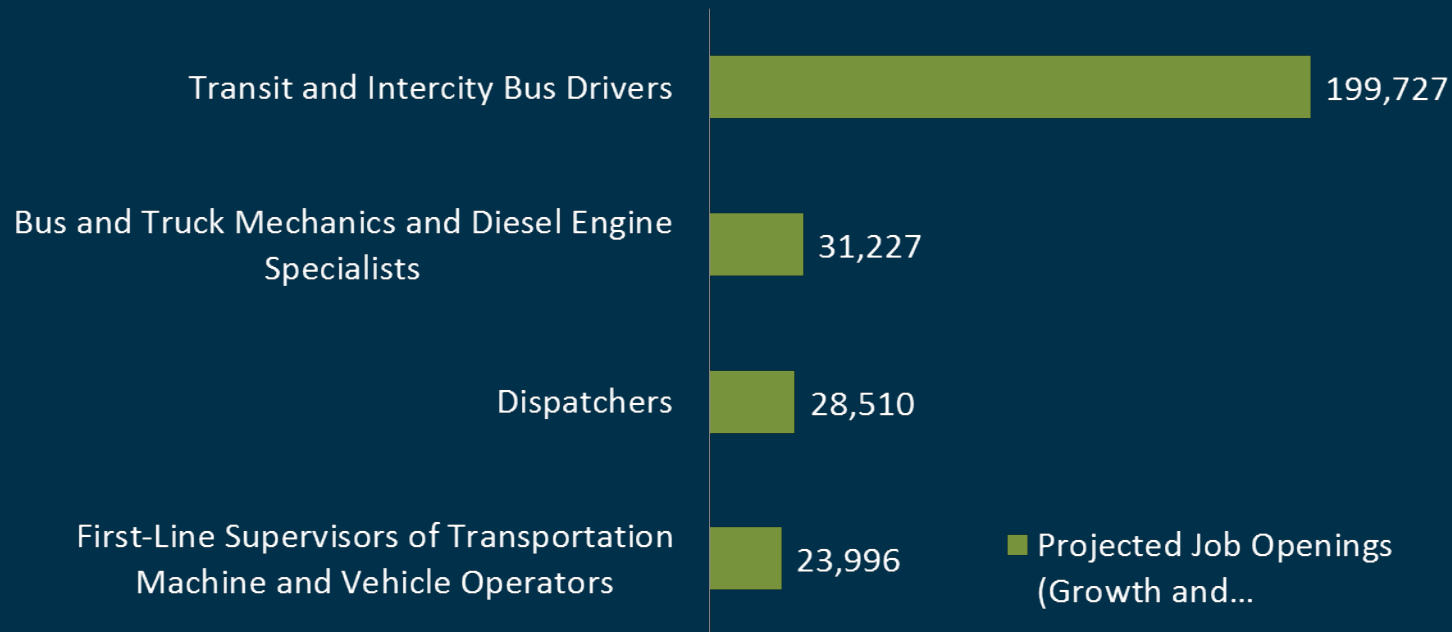


Source: TLC Analysis of BLS and NTD data.



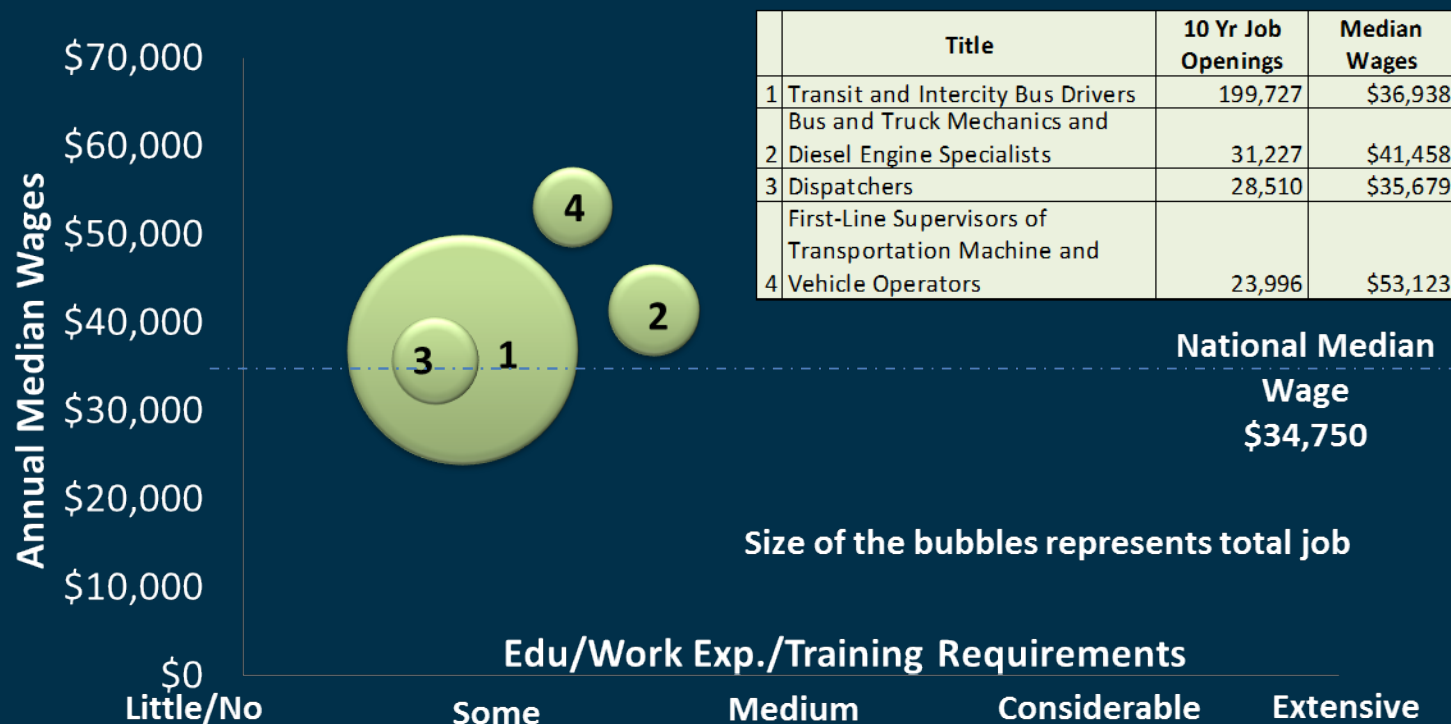
Bus drivers, mechanics, dispatchers, and first-line supervisors has the highest long-term job demand in transit

Top Transit Jobs by 2012-2022 Projected Total Job Openings due to Growth and Separations

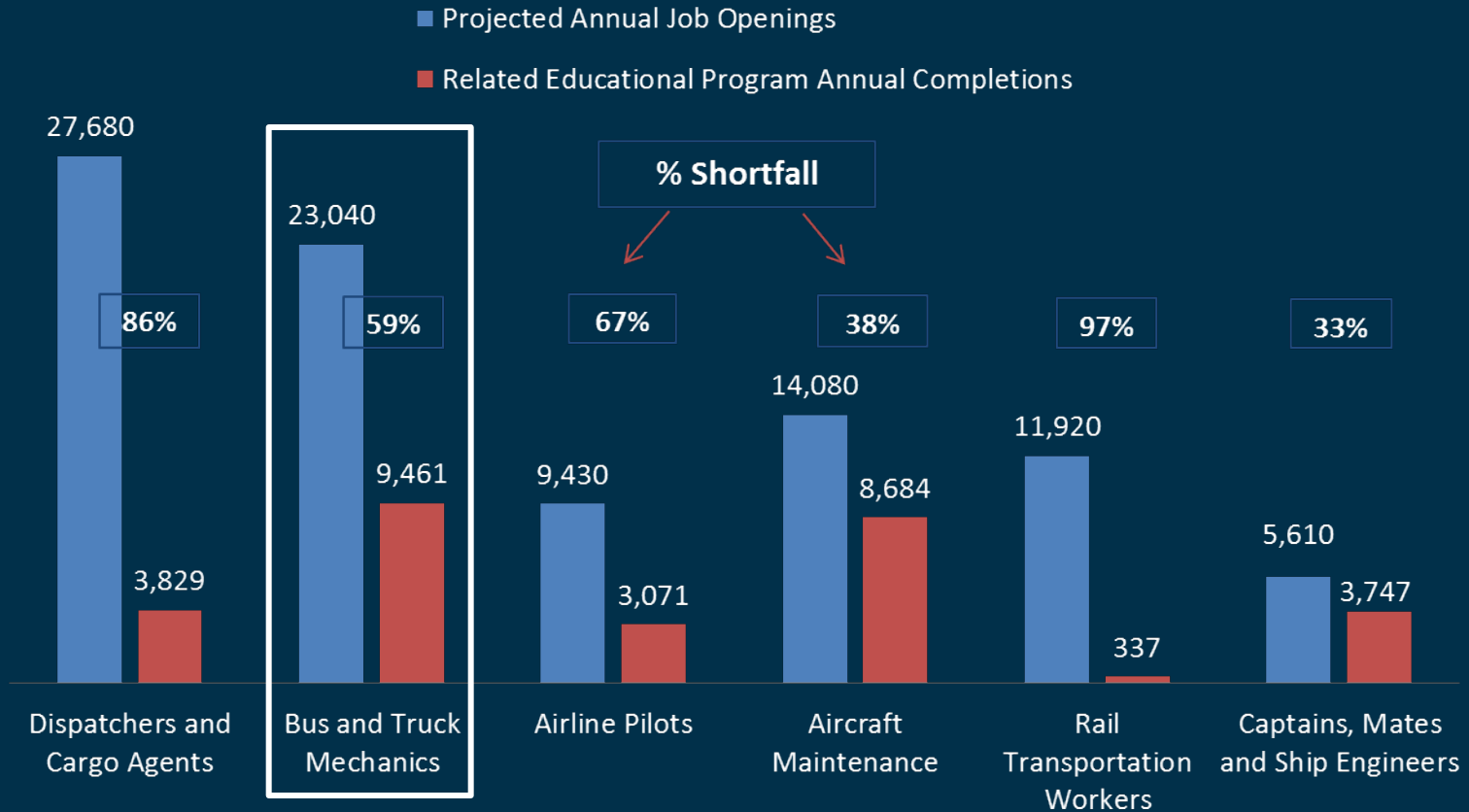


Transit jobs in high demand pay above national median wages, provide good benefits and career pathways/ladders opportunities

Top Transit Jobs by Projected Total Job Openings: Median Wages vs. Edu/Work Exp./Training Requirements



Projected annual job openings are 68% larger than annual completions of related educational programs across selected transportation job groups



National Qualification System for Transit Frontline Occupations

Chart Legend:

Fully Developed

Under Development

Pending/Future Work

Elevator-Escalator

Signals

Rail Vehicle

Traction Power

Bus Maintenance

Bus Operator

National Apprenticeship
(and College Credit)

National Skill Validation
(Hands-on & written)

National Credential
Management System

National Mentor Training

National Framework for On-
the-Job Learning

National Train the Trainer

Standards-Based National
Courseware

National Training
Consortium

National Training Standards/
Curriculum (2006-2010)

National Training Committee

National Apprenticeship
(and College Credit)

National Skill Validation
(Hands-on & written)

National Credential
Management System

National Mentor Training

National Framework for On-
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National Apprenticeship
(and College Credit)

National Skill Validation
(Hands-on & written)

National Credential
Management System

National Mentor Training

National Framework for On-
the-Job Learning

National Train the Trainer

Standards-Based National
Courseware

National Training
Consortium

National Training Standards/
Curriculum (2006-2010)

National Training Committee
/ E-7 Panel (2008-2014)

National Apprenticeship
(and College Credit)

National Skill Validation
(Hands-on & written)

National Credential
Management System

National Mentor Training

National Framework for On-
the-Job Learning

National Train the Trainer

Standards-Based National
Courseware

National Training
Consortium

National Training Standards/
Curriculum (2006-2010)

National Training Committee

National Apprenticeship
(and College Credit)

National Skill Validation
(written only - ASE)

National Credential
Management System

National Mentor Training

National Framework for On-
the-Job Learning

National Train the Trainer

Standards-Based National
Courseware

National Training
Consortium

National Training Standards/
Curriculum (2004-2010)

National Training Committee

National Apprenticeship
(and College Credit)

National Skill Validation
(written only - various)

National Credential
Management System

National Mentor Training

National Framework for On-
the-Job Learning
(Local success)

National Train the Trainer

Standards-Based National
Courseware

National Training
Consortium

National Training Standards/
Curriculum (2010-2012)

National Training Committee

2010

2013

2014

Pending

Pending

Pending

National Training Consortium Start Dates

Industry-wide Solutions

- **Registered Apprenticeships:**
 - Bus operators
 - Bus maintenance
 - Rail car technicians
 - Signals technicians
 - EI/Es technicians
- **Training Consortia:**
 - Elevator-Escalator
 - Signals
 - Rail Car
- **Share of Training and Resources (distance learning)**
- **Local Career Pathways and CTE Connections**

