



LABOR MARKET UPDATE Q3 2024 **ALEXANDRIA/ARLINGTON**

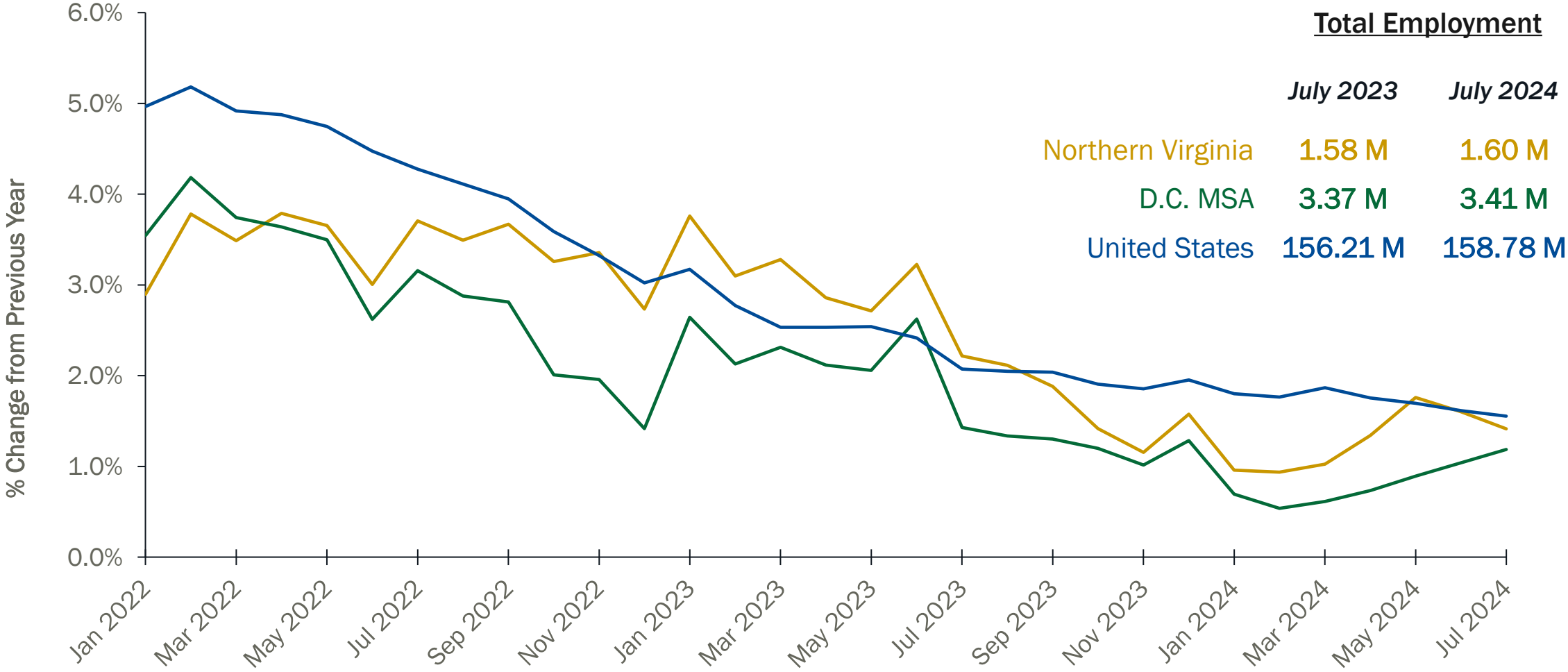
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EMPLOYMENT

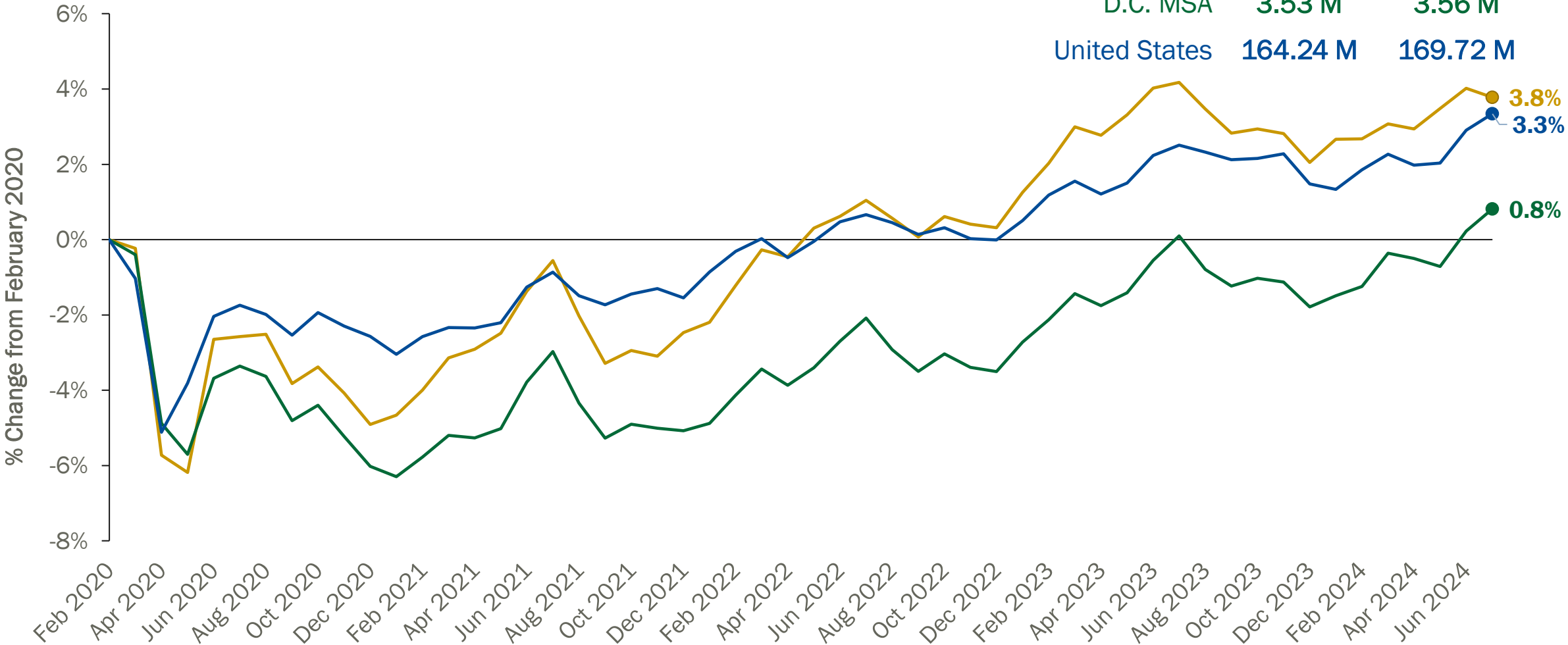
Percentage Change in Total Employment, Year-Over-Year



NOTE: Total nonfarm employment, seasonally adjusted.
 Source: U.S. BLS, Current Employment Statistics, September 10, 2024, <https://www.bls.gov/ces>.

LABOR FORCE

Labor Force Change from February 2020



Total Labor Force

	February 2020	July 2024
Alexandria/Arlington	257.5 K	267.3 K
D.C. MSA	3.53 M	3.56 M
United States	164.24 M	169.72 M

NOTE: Data is not seasonally adjusted.

Source: U.S. BLS, Local Area Unemployment Statistics, September 10, 2024, <https://www.bls.gov/lau>; Current Population Survey, September 10, 2024.

Total Unemployed

July 2023 July 2024

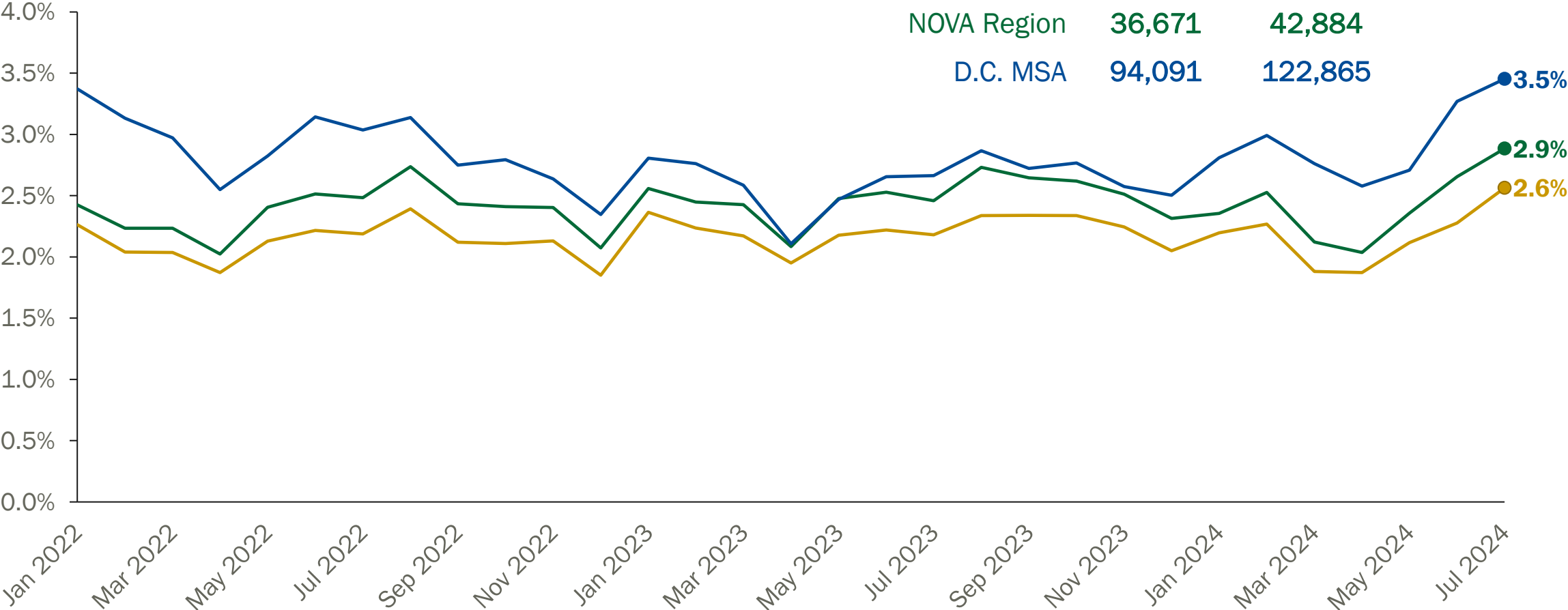
Alexandria/Arlington 5,850 6,853

NOVA Region 36,671 42,884

D.C. MSA 94,091 122,865

UNEMPLOYMENT

Trend in Unemployment Rates



NOTE: Data is not seasonally adjusted.
Source: U.S. BLS, Local Area Unemployment Statistics, September 10, 2024, <https://www.bls.gov/laui>.



AUTOMATION INDEX

Effects of automation on the regional labor market

AUTOMATION INDEX

Occupations with the Highest and Lowest Automation Index

Occupation	Automation Index	Occupation	Automation Index
Dishwashers	136.4	Medical and Health Services Managers	75.2
Painters, Construction and Maintenance	136.3	Clergy	75.3
Cooks, Fast Food	134.1	Architects, Except Landscape and Naval	76.6
Drywall and Ceiling Tile Installers	132.7	Marketing Managers	76.7
Construction Laborers	131.9	Aerospace Engineers	77.2
Fast Food and Counter Workers	130.8	Education and Childcare Administrators, Preschool and Daycare	77.5
Dining Room and Cafeteria Attendants and Bartender Helpers	130.6	Computer and Information Research Scientists	78.5
Waiters and Waitresses	129.8	Education Administrators, Kindergarten through Secondary	79.2
Food Preparation Workers	129.1	Coaches and Scouts	79.7
Landscaping and Groundskeeping Workers	129.1	Computer and Information Systems Managers	79.9

Source: Lightcast Analyst (2024.3 release).

Note: only includes occupations with employment of at least 1,000 in 2023 in the NOVA Service Area.

AUTOMATION INDEX

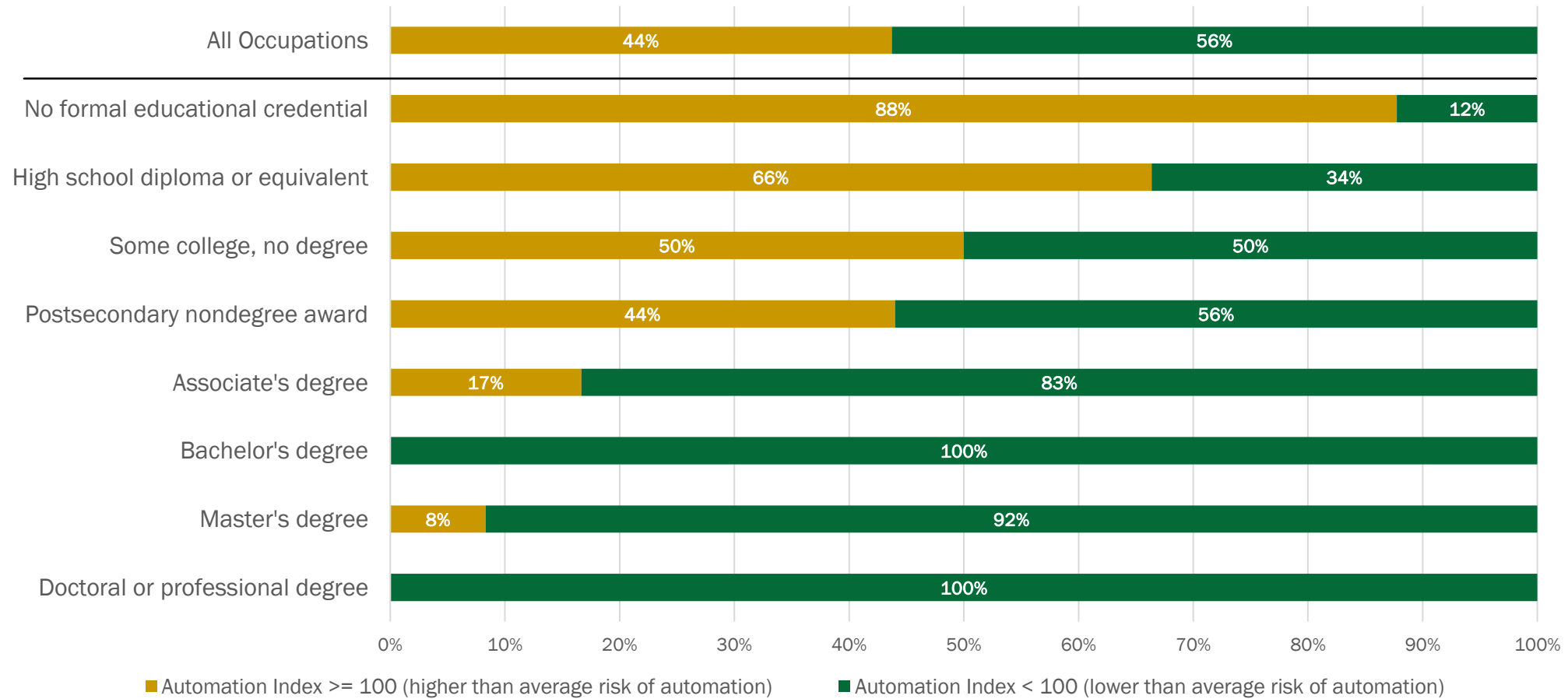
Occupation Groups with the Highest and Lowest Average Automation Index

Occupation	Average Automation Index	Occupation	Average Automation Index
Construction and Extraction Occupations	124.1	Community and Social Service Occupations	81.3
Food Preparation and Serving Related Occupations	120.8	Management Occupations	84.2
Building and Grounds Cleaning and Maintenance Occupations	117.6	Life, Physical, and Social Science Occupations	84.7
Production Occupations	116.0	Computer and Mathematical Occupations	85.1
Installation, Maintenance, and Repair Occupations	111.5	Educational Instruction and Library Occupations	87.0

Source: Lightcast Analyst (2024.3 release).

AUTOMATION INDEX

Automation Risk by Typical Entry-Level Education Level



Source: Lightcast Analyst (2024.3 release).

AUTOMATION INDEX

Occupations with Largest Employment in Northern Virginia

Occupation	Employment (2023)	Automation Index
Software Developers	52,453	80.2
Management Analysts	45,689	91.1
General and Operations Managers	35,136	82.2
Retail Salespersons	29,345	93.4
Fast Food and Counter Workers	28,069	130.8
Cashiers	24,849	105.5
Accountants and Auditors	24,341	93.1
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	23,917	122.5
Office Clerks, General	23,877	102.0
Business Operations Specialists, All Other	23,203	86.8

Source: Lightcast Analyst (2024.3 release).

AUTOMATION INDEX

Highest-Concentrated Occupations in Northern Virginia

Occupation	Location Quotient	Automation Index
Social Scientists and Related Workers, All Other	9.0	86.6
Legal Support Workers, All Other	8.6	89.1
Information Security Analysts	7.5	86.4
Database Architects	5.7	88.1
Management Analysts	5.1	91.1
Air Traffic Controllers	4.4	90.7
Operations Research Analysts	4.3	91.2
Computer Network Architects	4.2	87.1
Budget Analysts	3.7	91.7
Database Administrators	3.6	88.1

Source: Lightcast Analyst (2024.3 release).

Note: only includes occupations with employment of at least 1,000 in 2023 in the NOVA Service Area.

QUESTIONS?

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