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Every worker. Every industry.
A strong economy.

Free to Use: Digital Skills Charts and Graphs

Spring 2023

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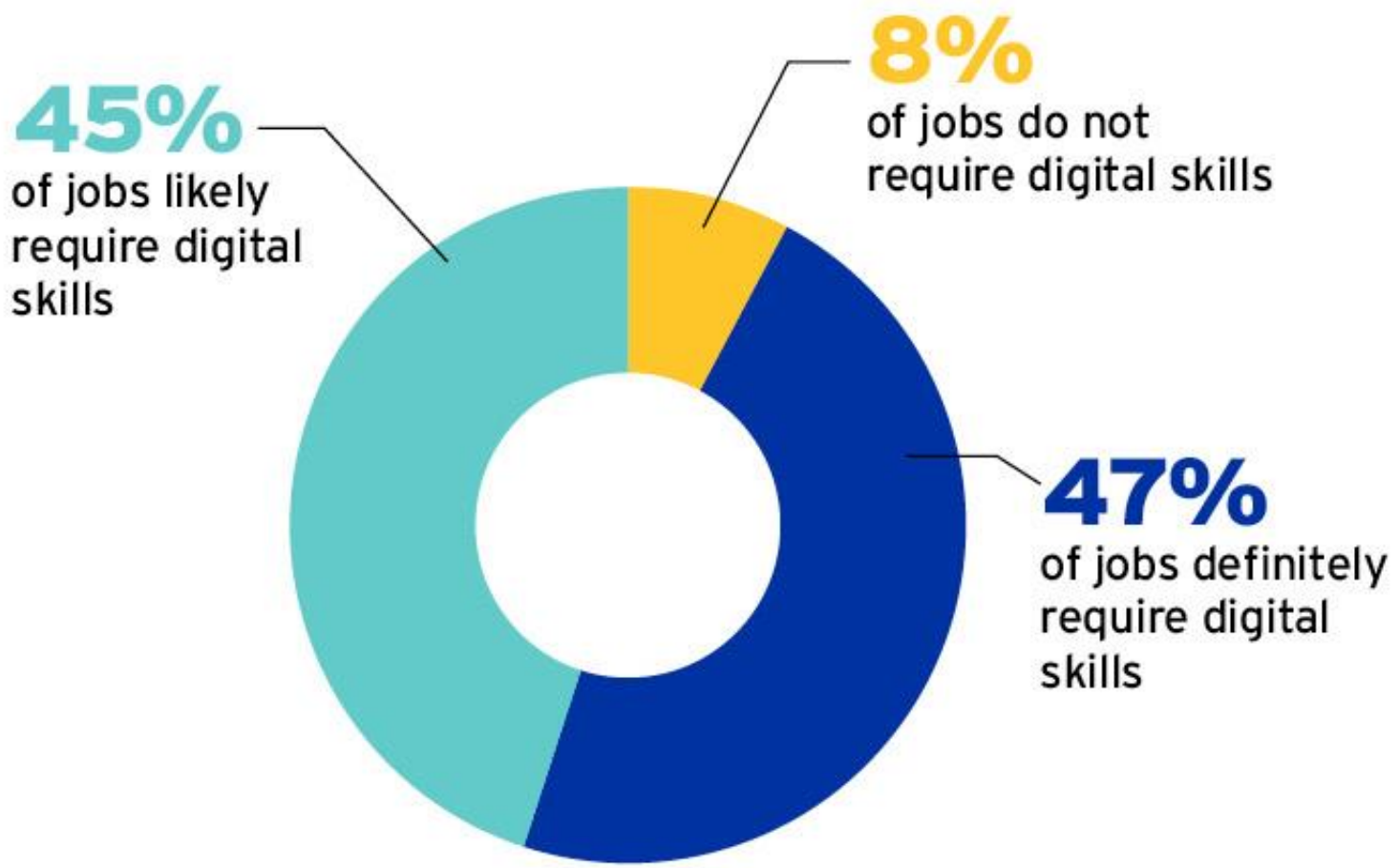
General infographics about digital skills

ACROSS INDUSTRIES, 92% OF JOBS REQUIRE DIGITAL SKILLS



Source: NSC/Federal Reserve Bank of Atlanta analysis of 2021 job postings. Full report: Closing the Digital Skill Divide.

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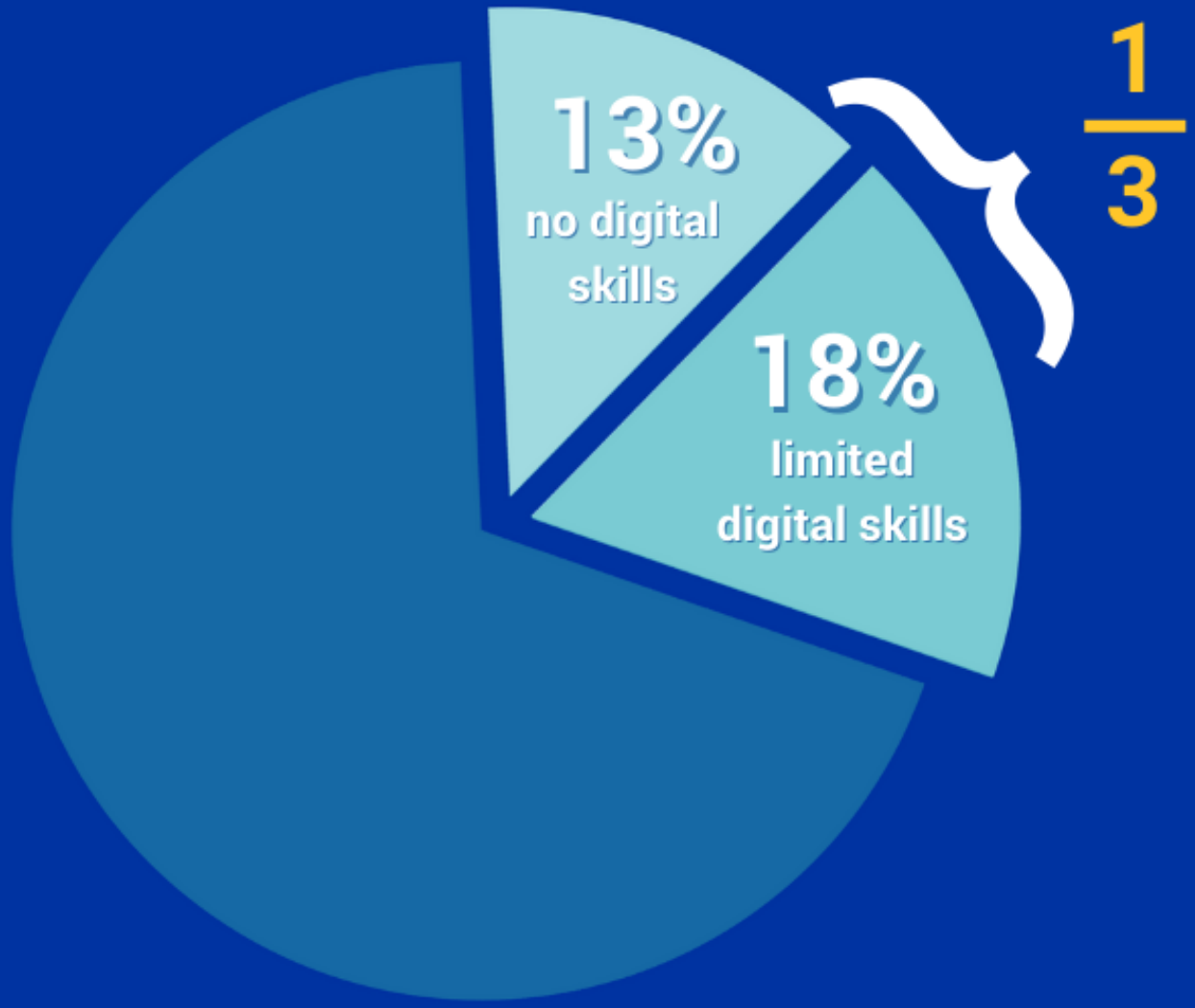
Nearly one-third of the U.S. workforce doesn't possess foundational digital skills.

Specifically, **13 percent have no digital skills** and **18 percent have very limited skills**.



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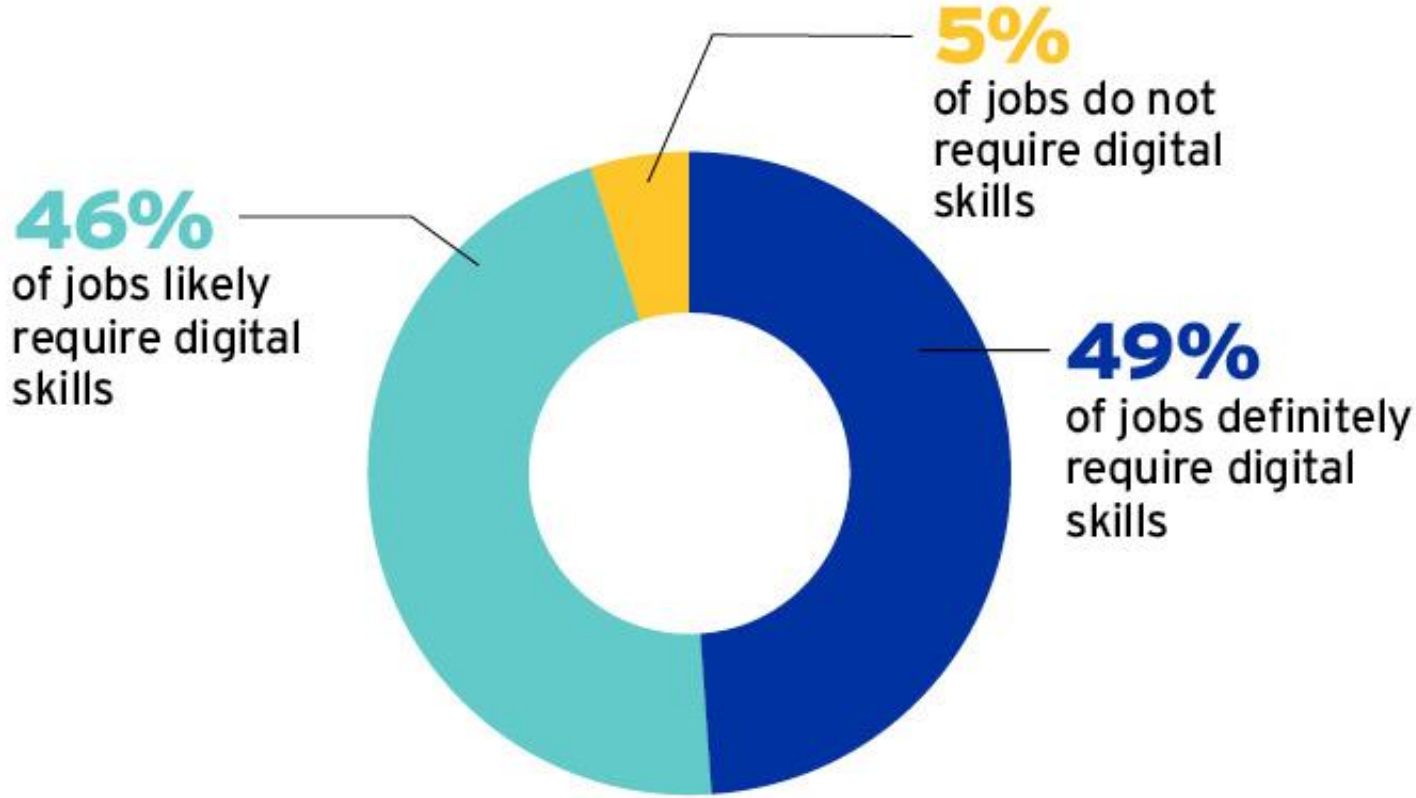
Businesses need **ENTRY-LEVEL WORKERS** to have digital skills



Of jobs seeking applicants with 0-2 years experience, 95% required digital skills or skills that were likely to be digital.

Source: NSC/Federal Reserve Bank of Atlanta analysis of 2021 job postings. Full report: Closing the Digital Skill Divide.

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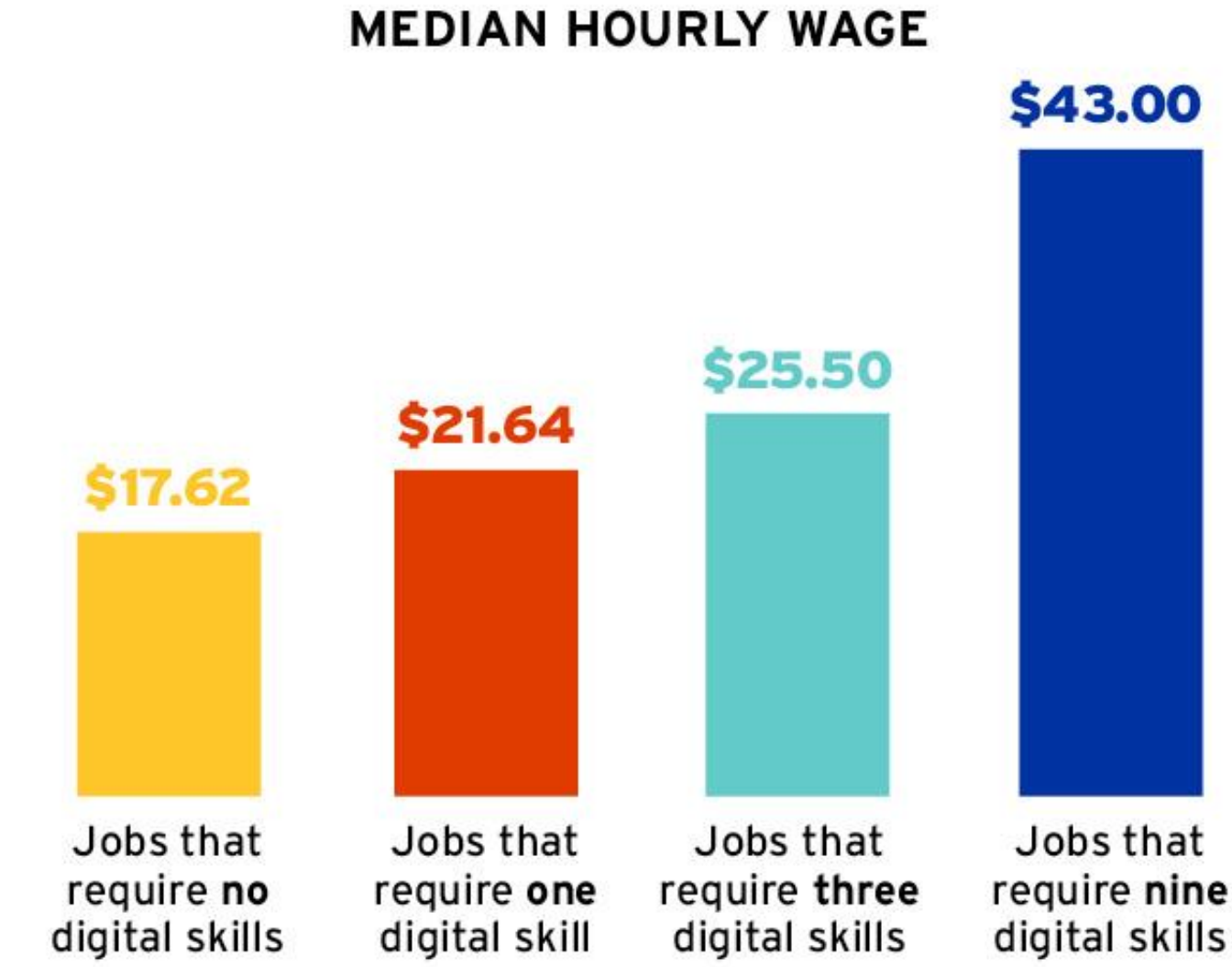
Digital skills & economic impact

Jobs that require **DIGITAL SKILLS PAY MORE**



Source: NSC/Federal Reserve Bank of Atlanta analysis of 2021 job postings. Full report: Closing the Digital Skill Divide.

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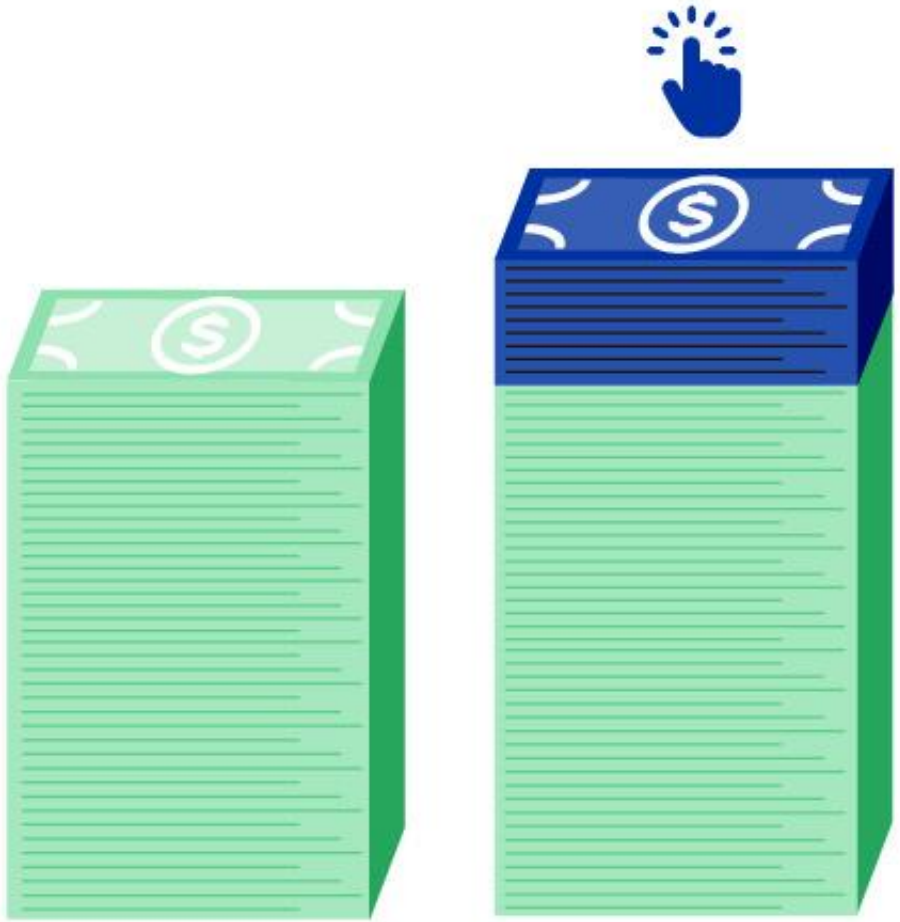
On average, jobs requiring a digital skill pay

23% MORE

than those that do not.



Income with **no** digital skill required

Income with **one** digital skill required

Source: NSC/Federal Reserve Bank of Atlanta analysis of 2021 job postings. Full report: Closing the Digital Skill Divide.

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DIGITAL SKILLS CAN HELP WORKERS EARN 23% MORE...

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...WHICH INCREASES THEIR CONTRIBUTIONS TO STATE AND LOCAL ECONOMIES.

Source: NSC/Federal Reserve Bank of Atlanta analysis of 2021 job postings. Full report: *Closing the Digital Skill Divide.*

CLOSING THE DIGITAL SKILL DIVIDE HAS REAL PAYOFF FOR BUSINESSES

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Providing workers with upskilling opportunities can help retention and save businesses **$25,000-$78,000** in turnover costs per employee

Cited in *Closing the Digital Skill Divide* (NSC/Federal Reserve Bank of Atlanta, 2023).

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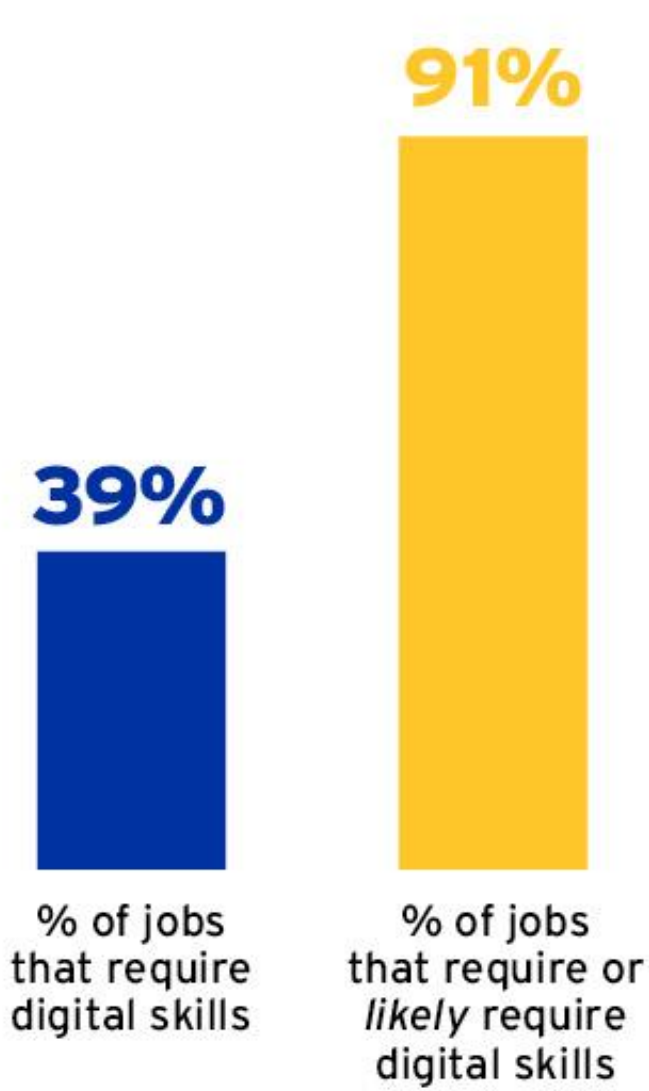
Digital skill demand by industry

The CONSTRUCTION INDUSTRY has a growing demand for DIGITAL SKILLS



EXAMPLES INCLUDE:

- Building Information Modeling software
- Construction management software
- Enterprise Resource Planning software
- AutoCAD
- Robotics

Source: NSC/Federal Reserve Bank of Atlanta analysis of 2021 job postings. Full report: Closing the Digital Skill Divide.

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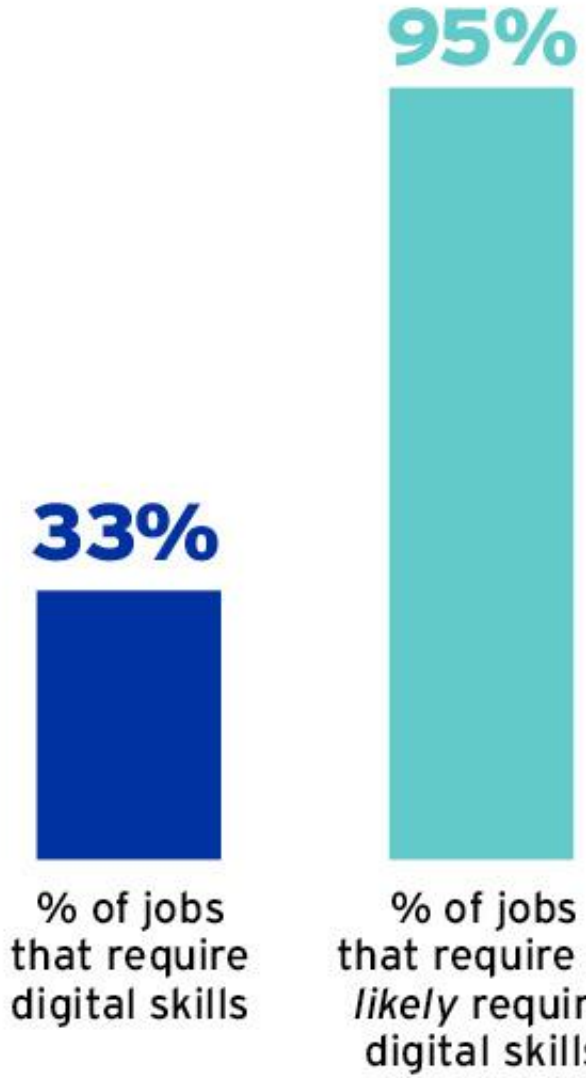
The **HEALTHCARE INDUSTRY** has a wide-ranging need for **DIGITAL SKILLS**



EXAMPLES INCLUDE:

- Electronic health records
- Radiologic technology
- Information security
- Dental practice management software

Source: NSC/Federal Reserve Bank of Atlanta analysis of 2021 job postings. Full report: Closing the Digital Skill Divide.

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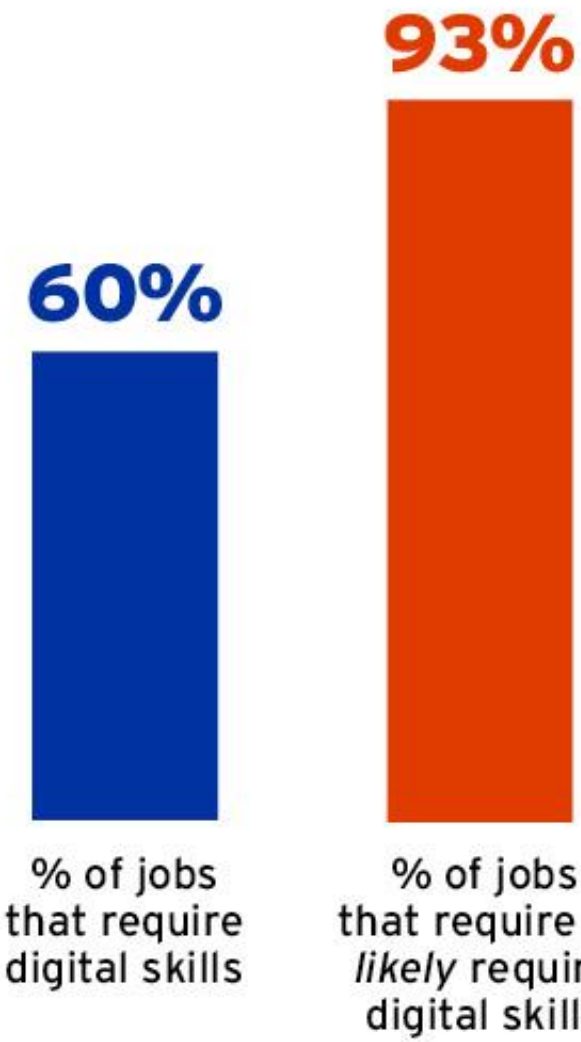
The **MANUFACTURING INDUSTRY** has a strong demand for **DIGITAL SKILLS**



EXAMPLES INCLUDE:

- Enterprise resource planning software
- Human-machine interface
- Robotics
- Computer Numerical Control
- Programmable Logic Controller

Source: NSC/Federal Reserve Bank of Atlanta analysis of 2021 job postings. Full report: Closing the Digital Skill Divide.

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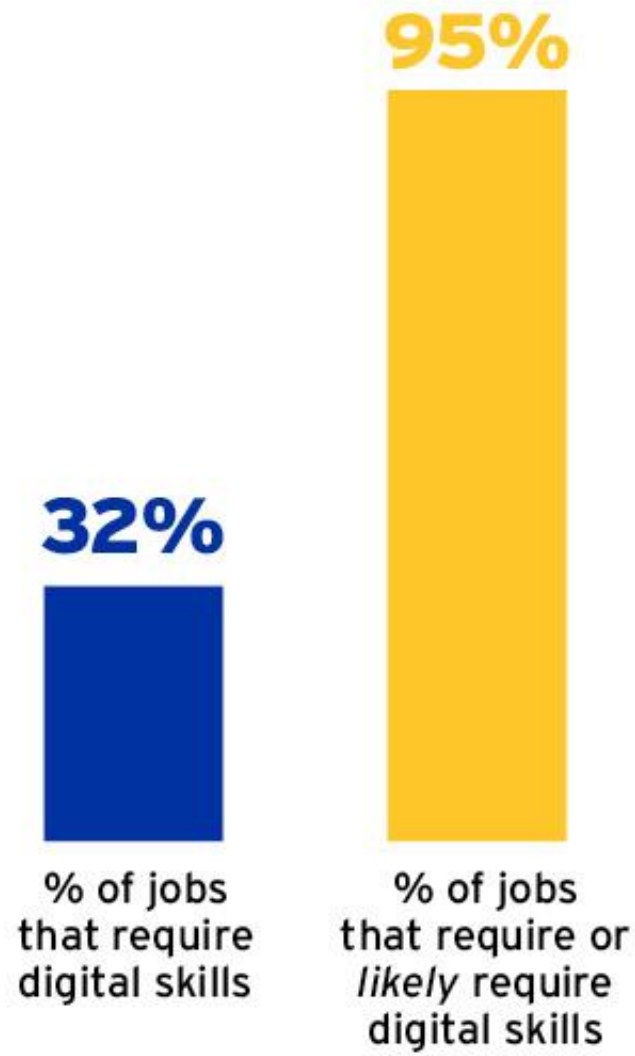
The **RETAIL INDUSTRY** has a robust demand for **DIGITAL SKILLS**



EXAMPLES INCLUDE:

- E-commerce
- Point-of-sale systems
- Retail and consumer goods analytics (e.g. SAS)
- Robotics

Source: NSC/Federal Reserve Bank of Atlanta analysis of 2021 job postings. Full report: Closing the Digital Skill Divide.

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The need for digital skills policies

Upskilling for Every Worker in Every Workplace.

Technology is impacting different industries and occupations in different ways. We must empower every worker with industry- and occupational-specific digital skills to adapt and advance in their careers.

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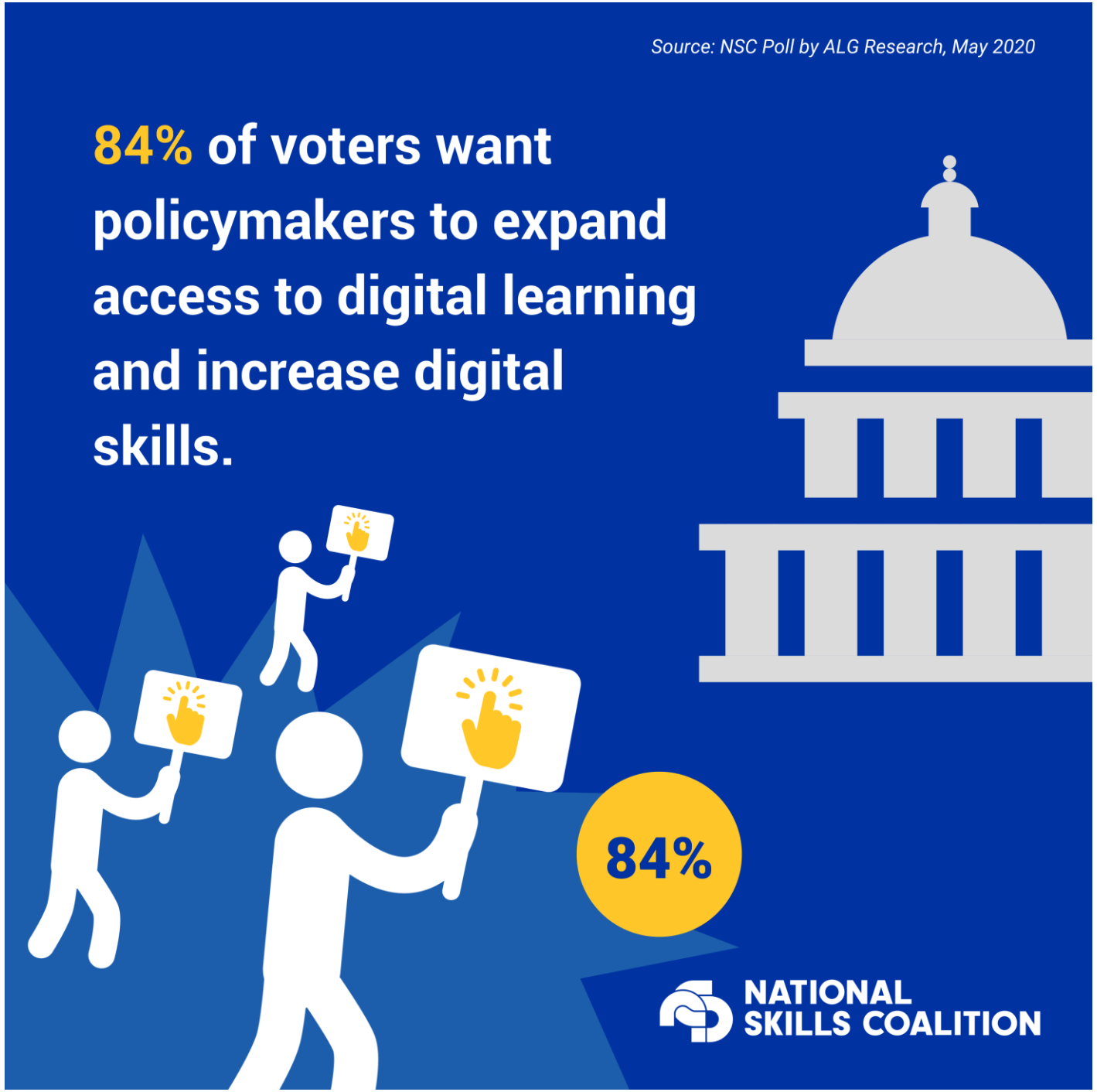
Source: NSC Poll by ALG Research, May 2020
84% of voters want policymakers to expand access to digital learning and increase digital skills.
84%
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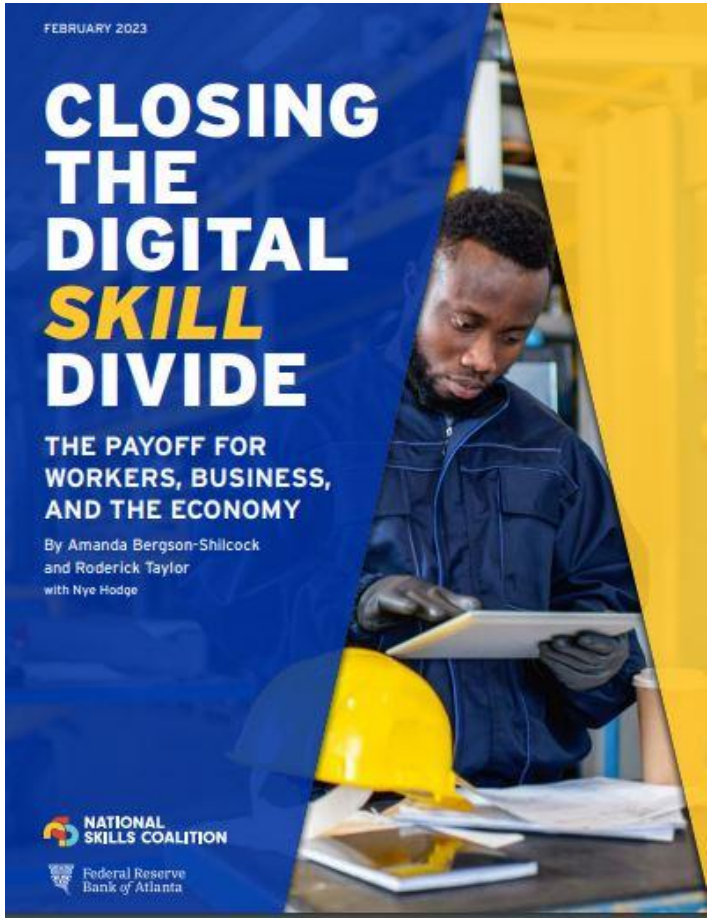
Want to see the full report these infographics come from?



https://tinyurl.com/DigitalSkillDivide

For more information

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