



**NATIONAL
SKILLS
COALITION**

Every worker. Every industry.
A strong economy.

Free to Use: Digital Skills Charts and Graphs

Spring 2023



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**NATIONAL
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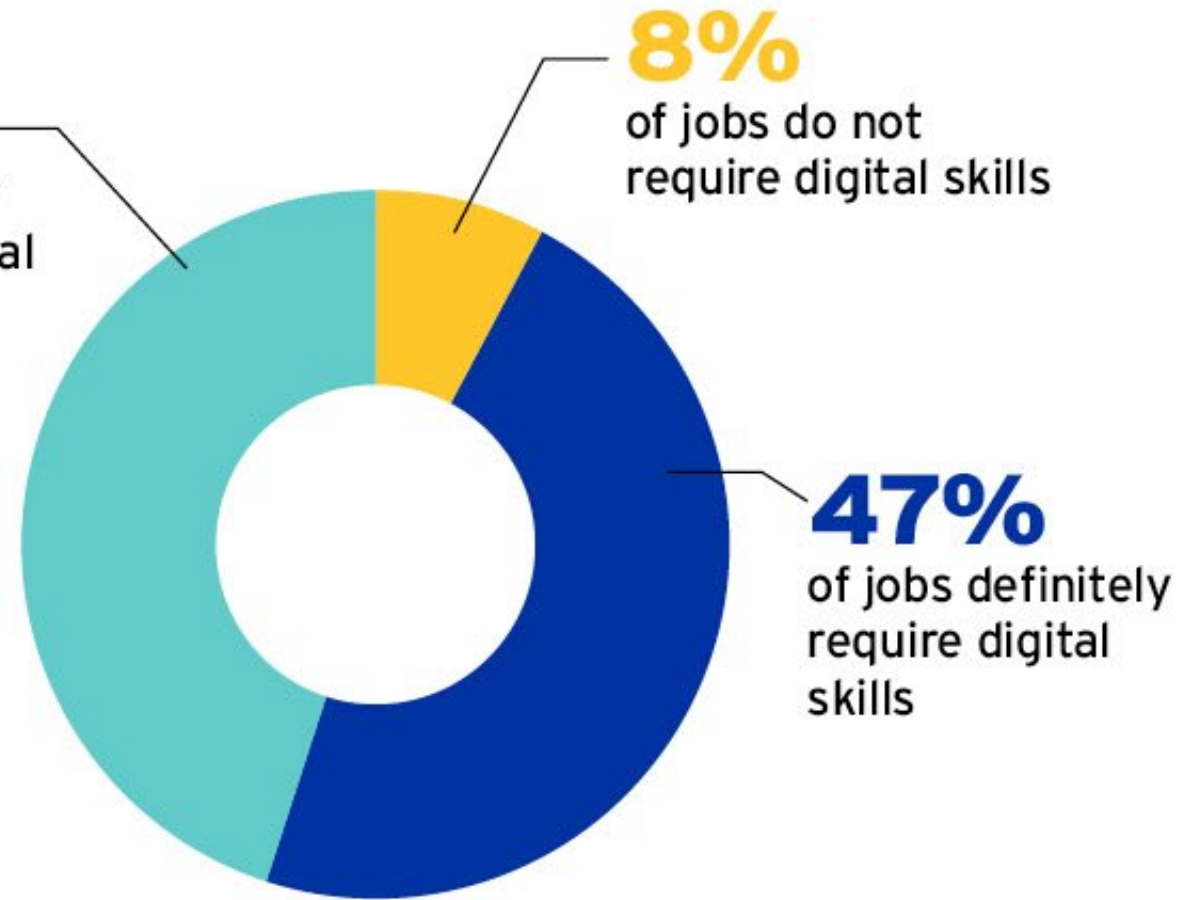
Every worker. Every industry.
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General infographics about digital skills



**ACROSS
INDUSTRIES,
92%
OF JOBS
REQUIRE
DIGITAL
SKILLS**

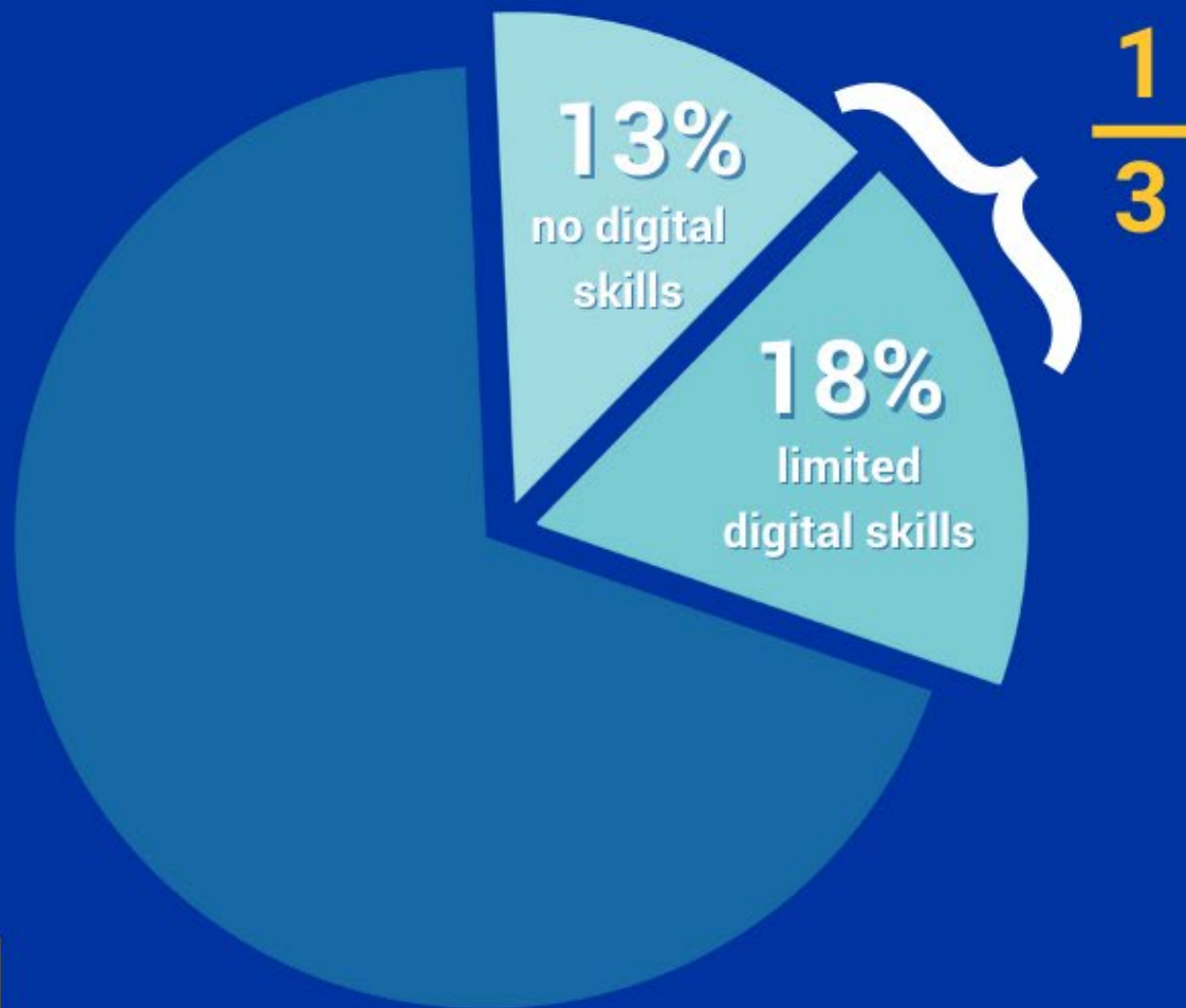
45%
of jobs likely
require digital
skills



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

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

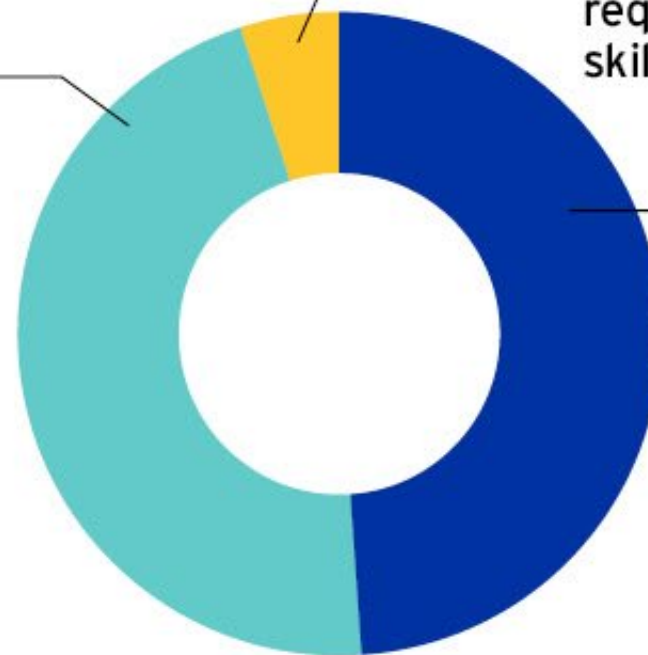
Specifically, **13 percent** have no digital skills and **18 percent** have very limited skills.





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

46%
of jobs likely
require digital
skills



5%
of jobs do not
require digital
skills

49%
of jobs definitely
require 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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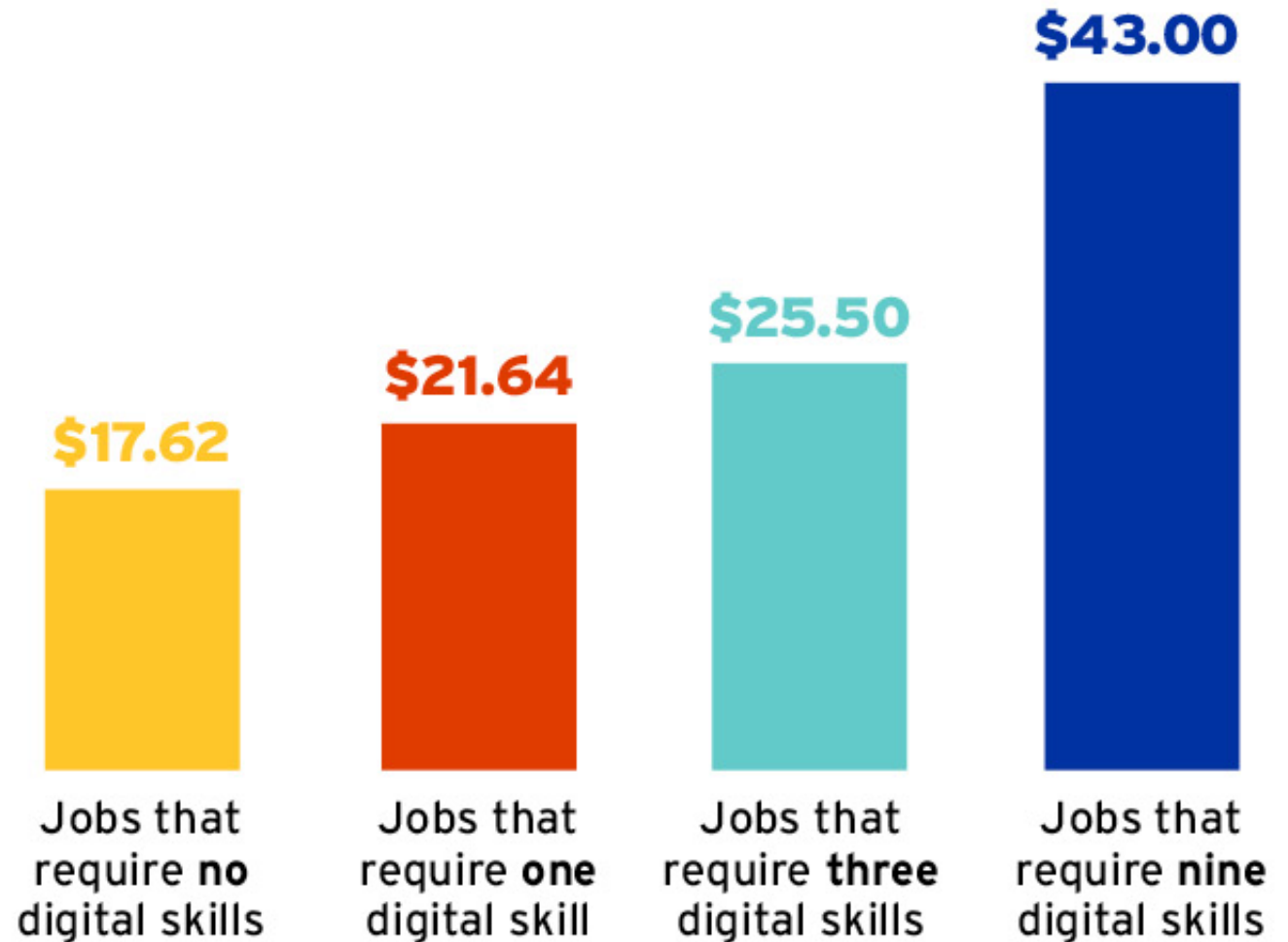
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Digital skills & economic impact



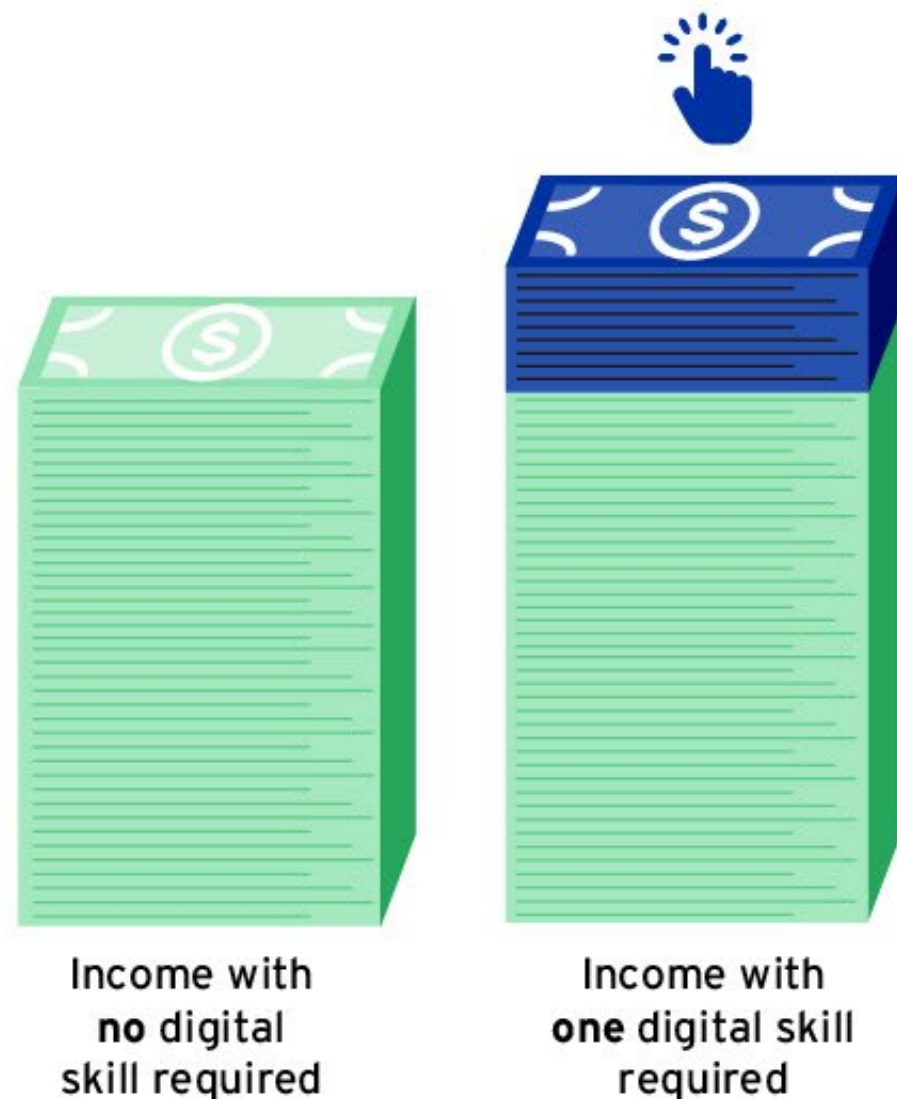
Jobs that
require
**DIGITAL
SKILLS
PAY MORE**

MEDIAN HOURLY WAGE



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

On average,
jobs requiring a
digital skill pay
**23%
MORE**
than those
that do not.



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

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



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



CLOSING THE DIGITAL SKILL DIVIDE HAS REAL PAYOFF FOR BUSINESSES



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**

39%



% of jobs
that require
digital skills

91%



% of jobs
that require or
likely require
digital skills



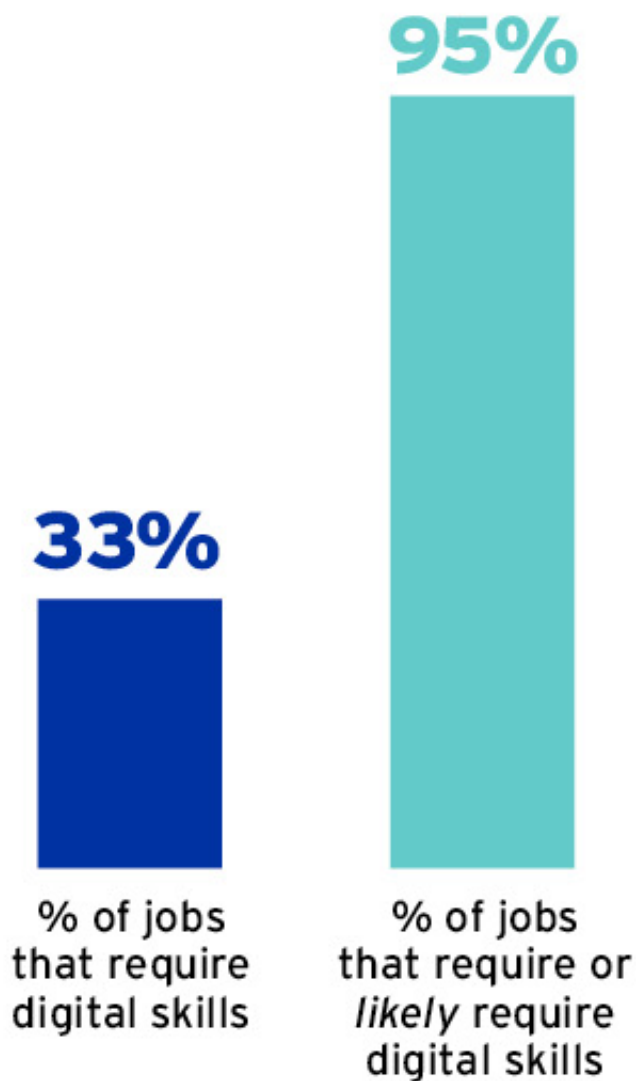
EXAMPLES INCLUDE:

- 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*.



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*.



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*.



The RETAIL INDUSTRY has a robust demand for DIGITAL SKILLS

32%



% of jobs
that require
digital skills

95%



% of jobs
that require or
likely require
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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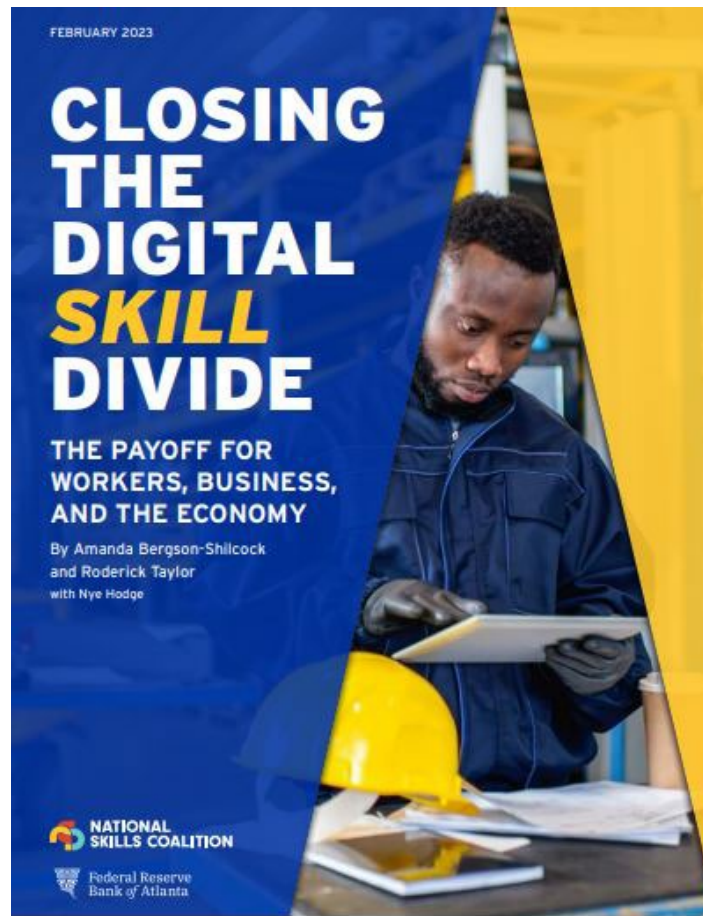


84% of voters want
policymakers to expand
access to digital learning
and increase digital
skills.



84%

Want to see the full report these infographics come from?



<https://tinyurl.com/DigitalSkillDivide>



For more information



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