ONE MONTH TO ELECTION, SEVEN MONTHS OF A PANDEMIC: HOW EQUAL IS THE STATE OF DIGITAL SURVIVAL ACROSS AMERICA?

How to Ensure Reliable News Media, Reliable Telehealth, Acceptable Online Schooling, and Productive Working-from-Home Access for All

Join the Conversation on Twitter: #idea2030 | @planetdigital | @BGC_Fletcher
Write to us: digitalplanet@tufts.edu
HOW SUCCESSFUL WERE STATES IN KEEPING PEOPLE AT HOME?
HOW SUCCESSFUL WERE STATES IN KEEPING PEOPLE AT HOME?

Average Change in Workplace and Residential Mobility
(From Each State’s Stay-at-Home Order Effective Date to September 25, 2020, Compared to Baseline Values)

MORE MOBILE ← 16.24 → LESS MOBILE
-36.33

Source: Google Mobility Reports
HOW SUCCESSFUL WERE STATES IN KEEPING PEOPLE AT HOME?

Average Change in Workplace and Residential Mobility
(From Each State’s Stay-at-Home Order Effective Date to September 25, 2020, Compared to Baseline Values)

-46.24 MORE MOBILE

-36.23 LESS MOBILE

Source: Google Mobility Reports
WHICH STATES ARE DIGITALLY READY TO FACILITATE WORKING FROM HOME?
WHICH STATES ARE DIGITALLY READY TO FACILITATE WORKING FROM HOME?

Digital Readiness Score

-2.21
DIGITALLY NOT READY

0
DIGITALLY READY

2.2

Source: Digital Planet, The Fletcher School, Tufts University

Imagining a Digital Economy for All (IDEA) 2030, The Fletcher School, Tufts University
WHICH STATES ARE DIGITALLY READY TO FACILITATE WORKING FROM HOME?

Digital Readiness Score

-2.21
DIGITALLY NOT READY
DIGITALLY READY
2.2

Imagining a Digital Economy for All (IDEA) 2030, The Fletcher School, Tufts University
Source: Digital Planet, The Fletcher School, Tufts University
WHICH STATES ARE DIGITALLY READY TO FACILITATE WORKING FROM HOME?
HOW SUCCESSFUL HAS EACH STATE BEEN IN CONTAINING THE VIRUS?
HOW SUCCESSFUL HAS EACH STATE BEEN IN CONTAINING THE VIRUS?

Average $R_t$
(From Each State's Stay-at-Home Order Effective Date to September 25, 2020)

Higher $R_t$ | Lower $R_t$
--- | ---
0.90 | 1

Imagining a Digital Economy for All (IDEA) 2020, The Fletcher School, Tufts University
HOW SUCCESSFUL WERE STATES IN KEEPING PEOPLE AT HOME AND CONTAINING THE VIRUS?
WHICH STATES ARE BEST POSITIONED TO SHIFT TO TELEHEALTH?
WHICH STATES ARE BEST POSITIONED TO SHIFT TO TELEHEALTH?

Ref: Imagining a Digital Economy for All (DEA) 2020, The Fletcher School, Tufts University

Sources: Policy Action Score: KPF analysis of state executive orders, insurance bulletins, and legislation; 14 July 2020.
WHICH STATES ARE BEST POSITIONED TO SHIFT TO TELEHEALTH?

Imagining a Digital Economy for All (IDEA) 2030, The Fletcher School, Tufts University

Percentage of Population Broadband Usage at (>15 Mbps/3 Mbps) Speeds: Microsoft, Data Science and Analytics, November 2019
WHICH STATES ARE BEST POSITIONED TO SHIFT TO TELEHEALTH?

No Policy
Lower Internet Access
Higher Internet Access

Some Policy
Lower Internet Access
Higher Internet Access

Comprehensive Policy
Lower Internet Access
Higher Internet Access


Imagining a Digital Economy for All (DEA) 2020, The Fletcher School, Tufts University.
WHICH STATES CAN MOST EFFECTIVELY SHIFT TO ONLINE LEARNING?
WHICH STATES CAN MOST EFFECTIVELY SHIF TO ONLINE LEARNING?

Percentage of Population with Adequate Broadband Speeds

- 20.20%
- 70.6%

Can Schools Safely Open According to Public Health Guidelines?

Not ready to open: remote learning advised

Sources: Percentage of Population Broadband Usage at >25 Mbps (2 Mbps)

Imagining a Digital Economy for All (DEA) 2030, The Fletcher School, Tufts University
WHICH STATES CAN MOST EFFECTIVELY SHIFT TO ONLINE LEARNING?

Percentage of Population with Adequate Broadband Speeds

Can Schools Safely Open According to Public Health Guidelines?

Not ready to open: remote learning advised

Sources:
Percentage of Population Broadband Usage at ≥25 Mbps/3 Mbps

Imagining a Digital Economy for All (IDEA) 2020, The Fletcher School, Tufts University
WHICH STATES CAN MOST EFFECTIVELY SHIFT TO ONLINE LEARNING?

Percentage of Population with Adequate Broadband Speeds

- Below Average Broadband Access
- Above Average Broadband Access

Can Schools Safely Open According to Public Health Guidelines?

Not ready to open; remote learning advised

Sources:
- Percentage of Population Broadband Usage at >25 Mbps/3 Mbps: E-Area 2020, The Fletcher School, Tufts University
WHICH STATES CAN MOST EFFECTIVELY SHIFT TO ONLINE LEARNING?

Percentage of Population with Adequate Broadband Speeds
- 20.20% — Below Average Broadband Access
- 70.6% — Above Average Broadband Access

Can Schools Safely Open According to Public Health Guidelines?
- Not ready to open: remote learning advised

Sources:
- Imagining a Digital Economy for All (IDEA) 2020, The Fletcher School, Tufts University
WHICH STATES ARE MOST VULNERABLE TO MISINFORMATION?
Note: Maine and Nebraska use the congressional district method of apportioning electoral votes and include two battleground districts (ME-2 and NE-2). The vulnerability to misinformation index measures vulnerability to both social media and traditional media.
Note: Maine and Nebraska use the congressional district method of apportioning electoral votes and include two battleground districts (ME-2 and NE-2). The vulnerability to misinformation index measures vulnerability to both social media and traditional media.
Note: Maine and Nebraska use the congressional district method of apportioning electoral votes and include two battleground districts (ME-2 and NE-2). The vulnerability to misinformation index measures vulnerability to both social media and traditional media.
WHICH STATES ARE MOST VULNERABLE TO MISINFORMATION?

Note: Maine and Nebraska use the congressional district method of apportioning electoral votes and include two battleground districts (ME-2 and NE-2). The vulnerability to misinformation index measures vulnerability to both social media and traditional media.
Maine and Nebraska use the congressional district method of apportioning electoral votes and include two battleground districts (ME-2 and NE-2). The vulnerability to misinformation index measures vulnerability to both social media and traditional media.
WHICH STATES ARE MOST VULNERABLE TO MISINFORMATION?

Note: Maine and Nebraska use the congressional district method of apportioning electoral votes and include two battleground districts (ME-2 and NE-2). The vulnerability to misinformation index measures vulnerability to both social media and traditional media.
MAINE

Digital Readiness
Ranked 32

Average mobility change
Keeping residents at home safely
Ranked 38

Average R,
Containing the virus
Ranked 11

Vulnerability to misinformation
Ranked 9

Telehealth
Maine received about 1/3rd of the median funding per state in the CARES Act Telehealth Program.

COVID readiness
Ranked 27
Join the Conversation on Twitter: #Idea2030 | @planetdgtl | @IBGC_Fletcher

Know more: https://sites.tufts.edu/digitalplanet/

Write to us: digitalplanet@tufts.edu