Exposure Notification Crosses State Lines: Shifting the Notification Curve to the Left

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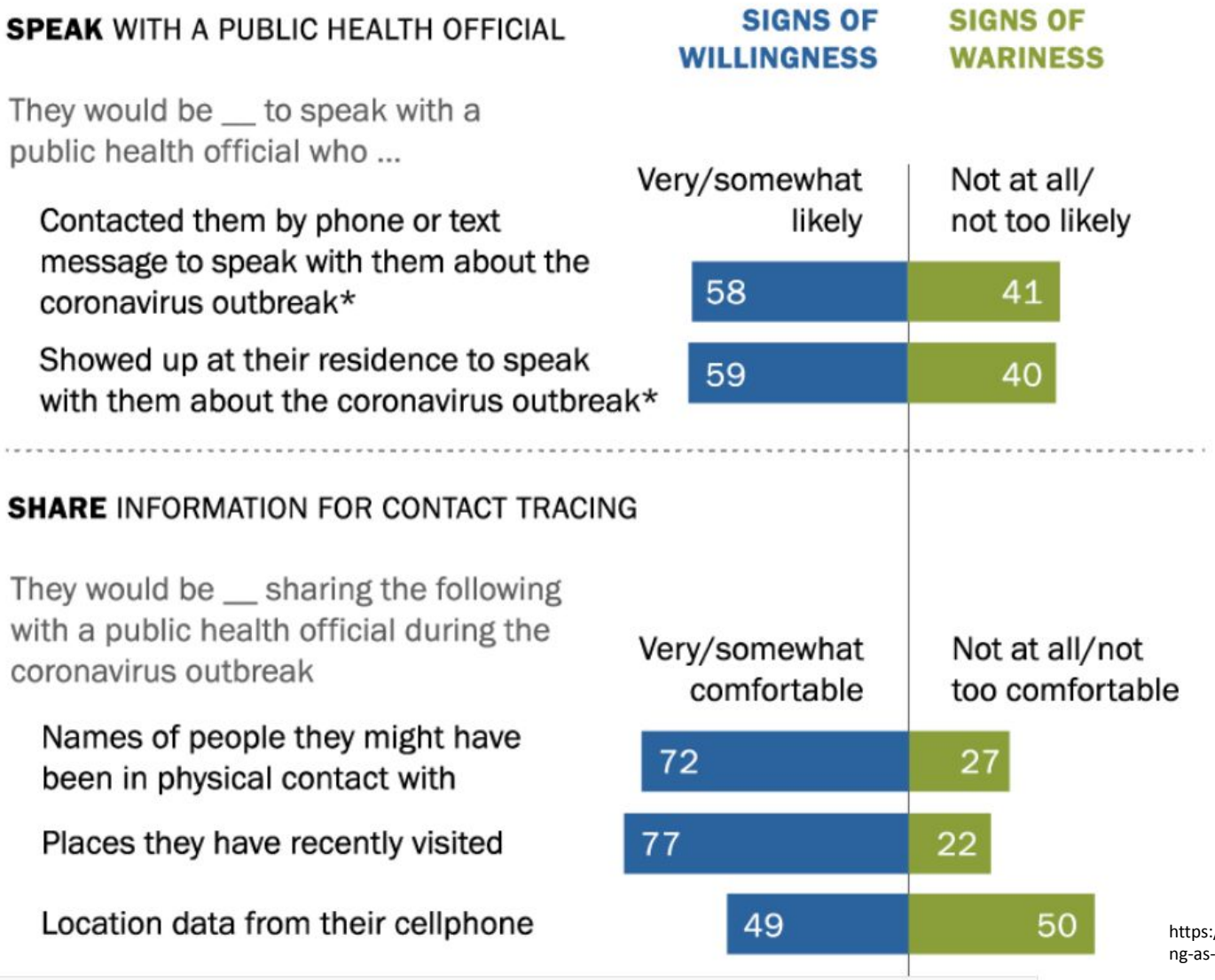
University of Alabama at Birmingham

Contact Tracing vs. Exposure Notification

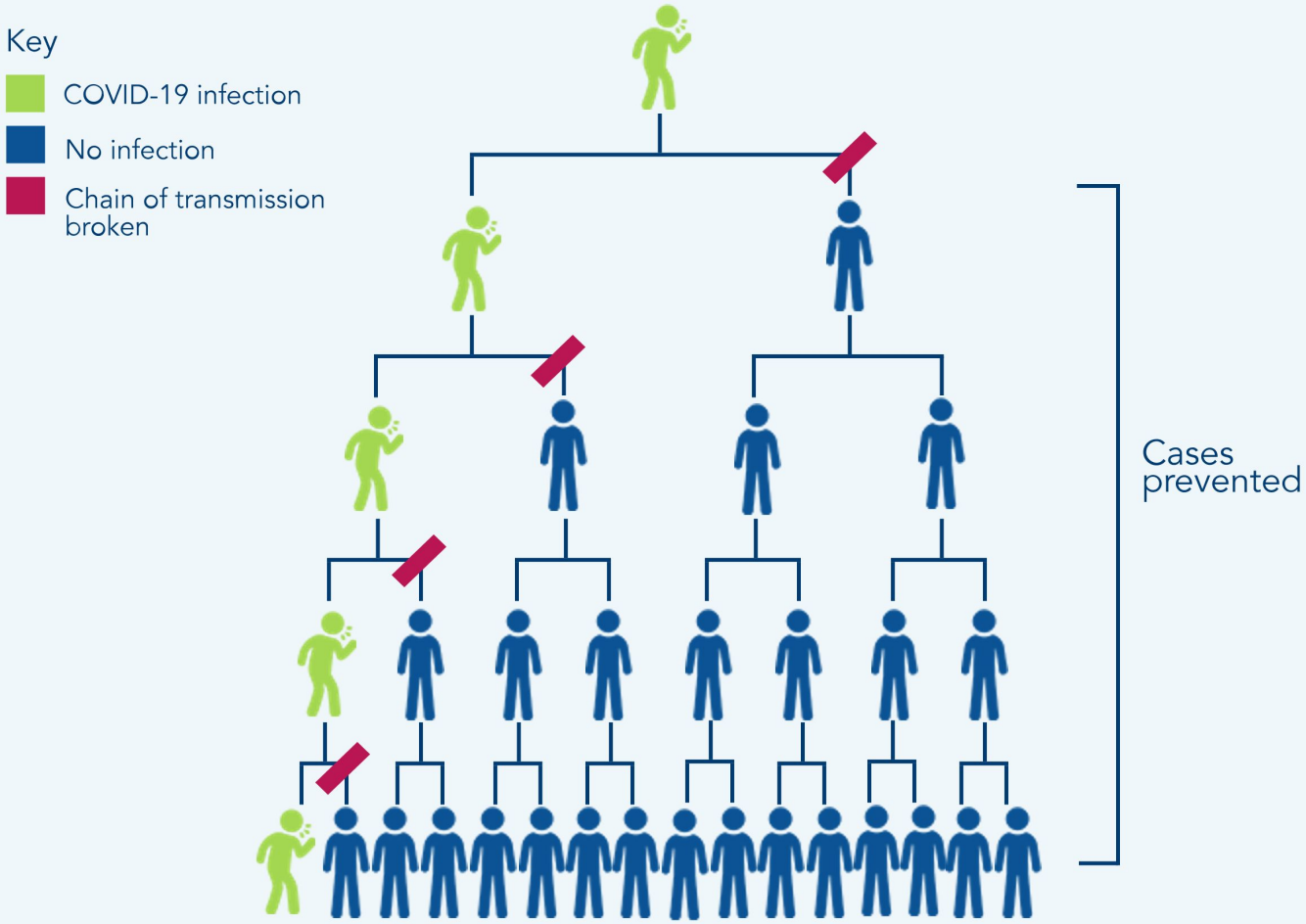
Wariness Around Contact Tracing



https://www.pewresearch.org/internet/2020/10/30/the-challenges-of-contact-tracing-as-u-s-battles-covid-19/pi_2020-10-30_contact-tracing-00-01/

COVID-19 CONTACT TRACING

What happens if we stop each case from infecting just one person?



KAISER PERMANENTE®

What Exposure Notification **DOES NOT DO**

You control whether you receive Exposure Notifications
This technology only works if you decide to opt-in. If you change your mind, you can turn it off at any time.

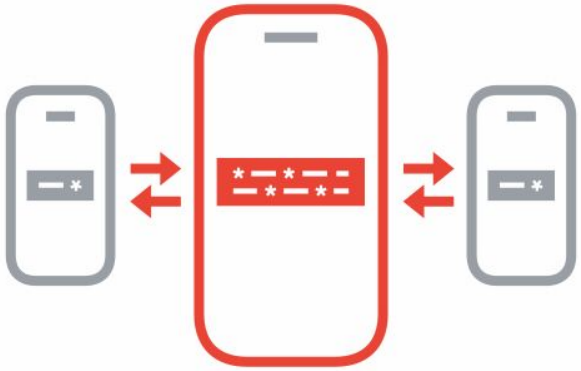
The Exposure Notifications System doesn't track your location
The Exposure Notifications System does not collect or use the location from your device. It uses Bluetooth, which can be used to detect if two devices are near each other — without revealing where the devices are.

Neither Google, Apple, nor other users can see your identity
All of the Exposure Notification matching happens on your device. The system does not share your identity with other users, Apple, or Google. Public health authorities may ask you for additional information, such as a phone number, to contact you with additional guidance.

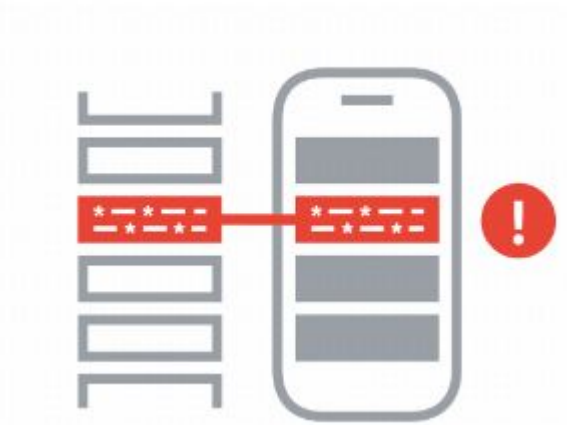
Only public health authorities can use this system
Only public health authorities will be able to use this system. They must meet specific criteria around privacy, security, and data use.

How Does Exposure Notification Work?

Once you opt-in to the notification system, the Exposure Notifications System will generate a random ID for your device. To help ensure these random IDs can't be used to identify you or your location, they change every 10-20 minutes.



Your phone and the phones around you will work in the background to exchange these privacy-preserving random IDs via Bluetooth. You do not need to have the app open for this process to take place.



Your phone and the phones around you will work in the background to exchange these privacy-preserving random IDs via Bluetooth. You do not need to have the app open for this process to take place.

If there's a match, you will receive a COVID-19 exposure notification, with further instructions from your public health authority on how to keep you and the people around you safe.

Back Skip

Together, we can slow the spread of COVID-19.

How does it work? →

How we protect your privacy

Back Skip

The app will notify you if you may have been exposed to COVID-19

Get started →

How we protect your privacy

Dashboard

Exposure Detection On

Learn more >

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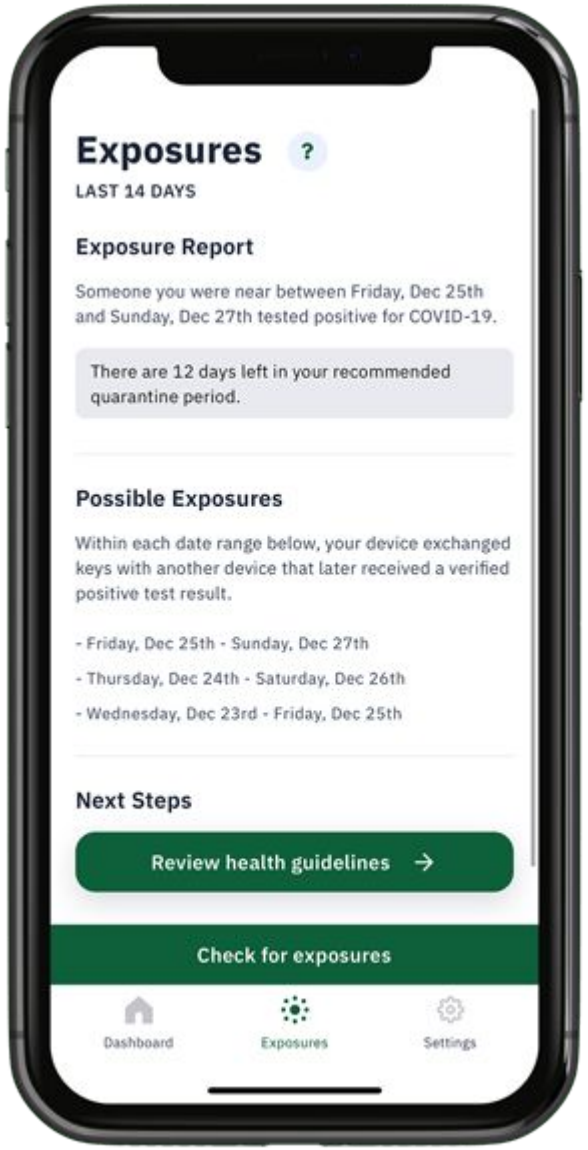
Have a positive test?

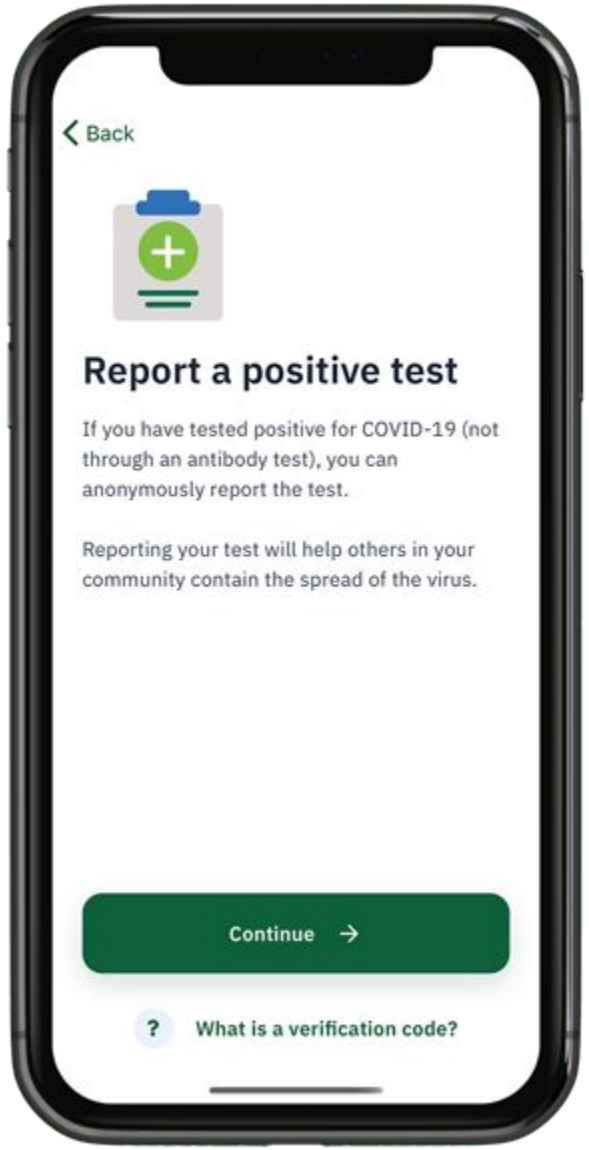
If you have tested positive for COVID-19, you can anonymously report the test to help keep your community safe.

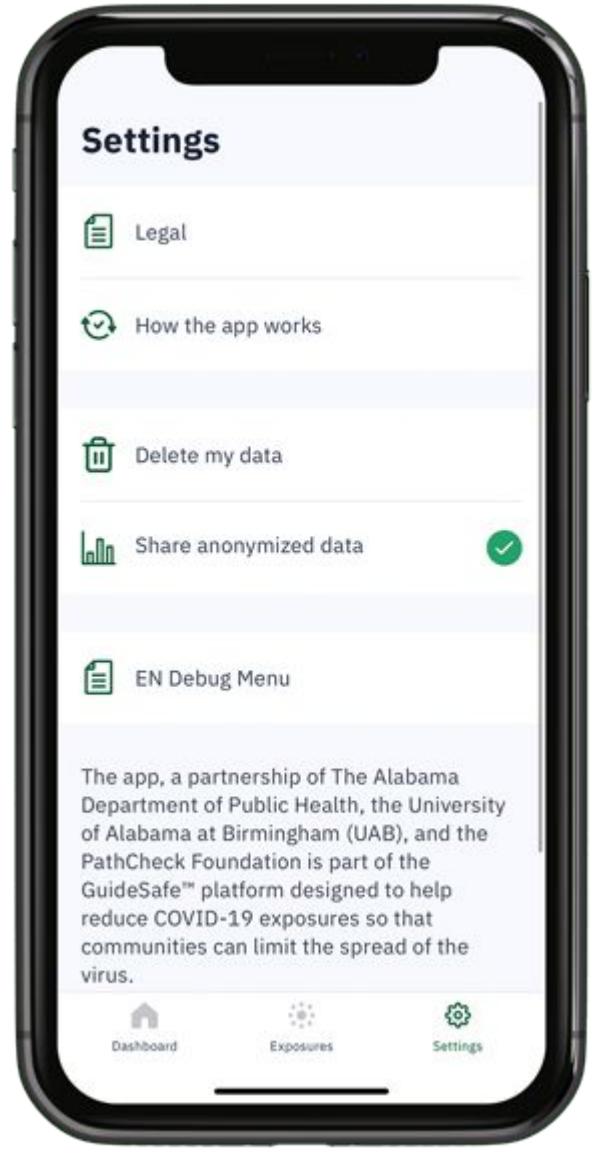
REPORT POSITIVE TEST >

Complete Healthcheck >

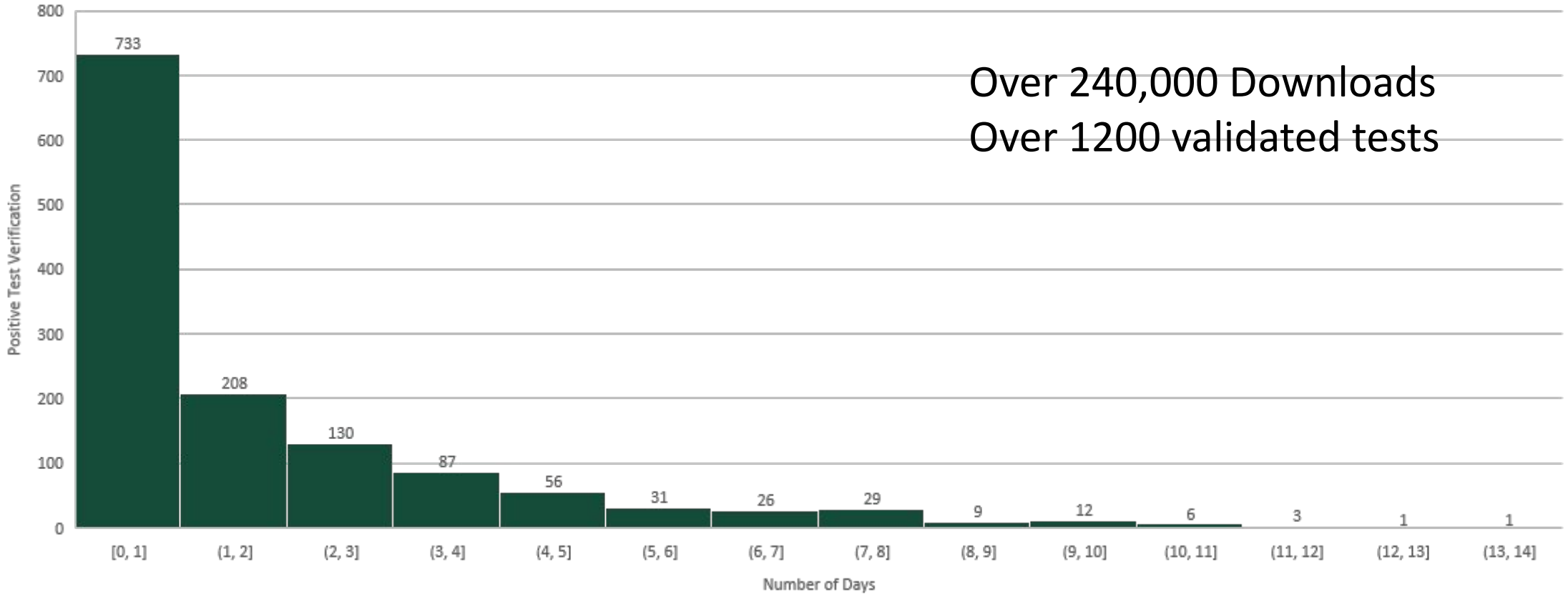
Dashboard Exposures Settings


Exposures
?
LAST 14 DAYS
Exposure Report
Someone you were near between Friday, Dec 25th and Sunday, Dec 27th tested positive for COVID-19.
There are 12 days left in your recommended quarantine period.
Possible Exposures
Within each date range below, your device exchanged keys with another device that later received a verified positive test result.
- Friday, Dec 25th - Sunday, Dec 27th
- Thursday, Dec 24th - Saturday, Dec 26th
- Wednesday, Dec 23rd - Friday, Dec 25th
Next Steps
Review health guidelines →
Check for exposures
Dashboard
Exposures
Settings


Back
Report a positive test
If you have tested positive for COVID-19 (not through an antibody test), you can anonymously report the test.
Reporting your test will help others in your community contain the spread of the virus.
Continue →
What is a verification code?

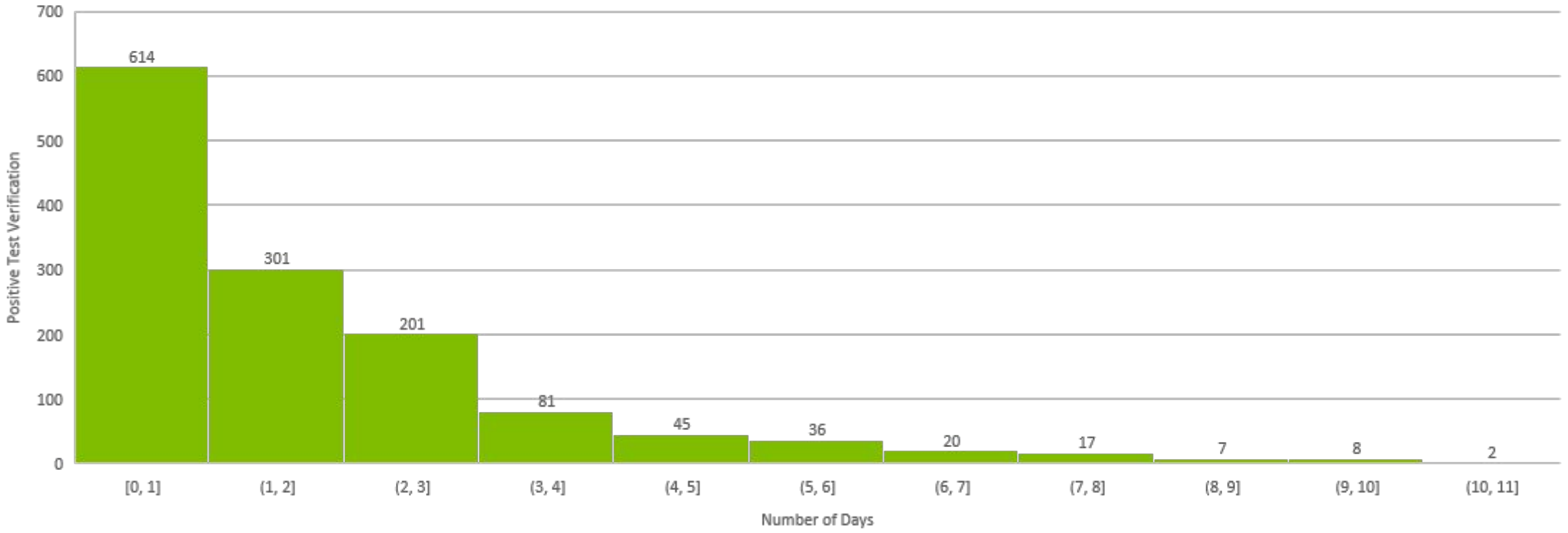

Settings
Legal
How the app works
Delete my data
Share anonymized data
EN Debug Menu
The app, a partnership of The Alabama Department of Public Health, the University of Alabama at Birmingham (UAB), and the PathCheck Foundation is part of the GuideSafe™ platform designed to help reduce COVID-19 exposures so that communities can limit the spread of the virus.
Dashboard
Exposures
Settings

Days Between Escrow Creation & Release Date

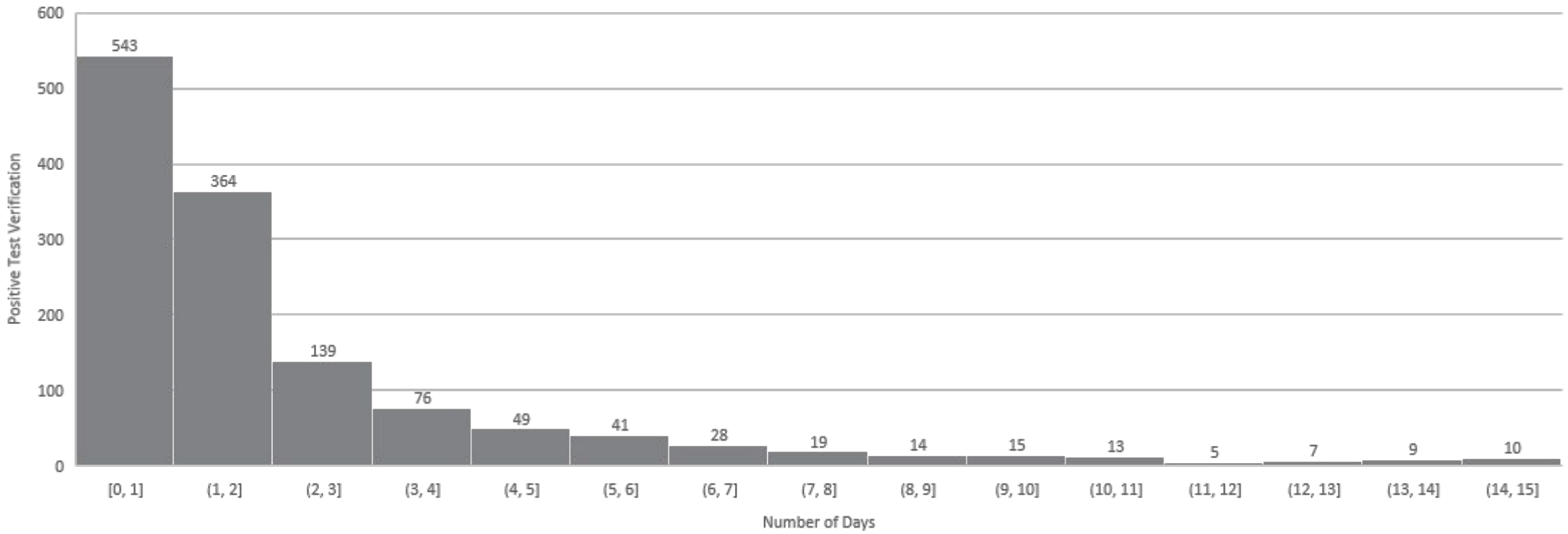


Over 240,000 Downloads
Over 1200 validated tests

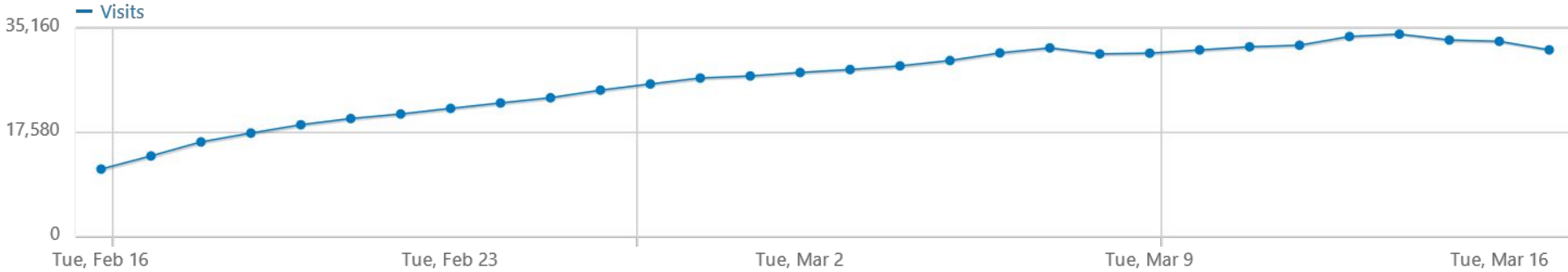
Days Between Test Date & ADPH Record Creation Date

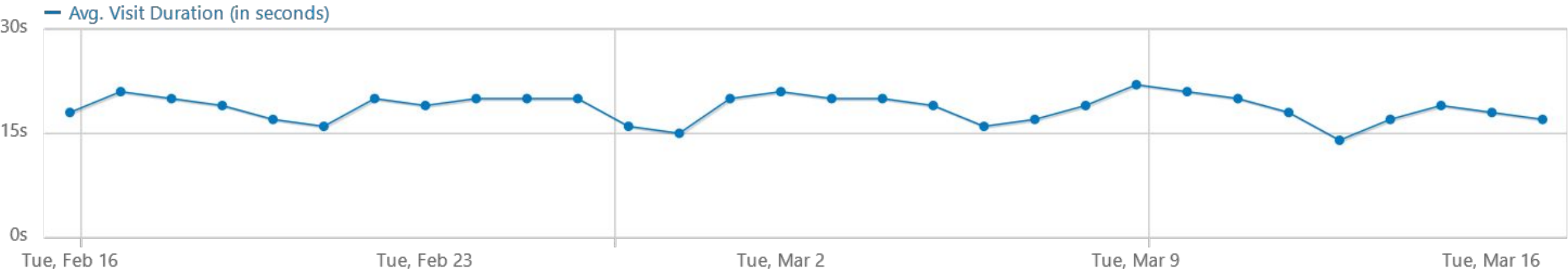


Days Between ADPH Record Creation Date & Release Date



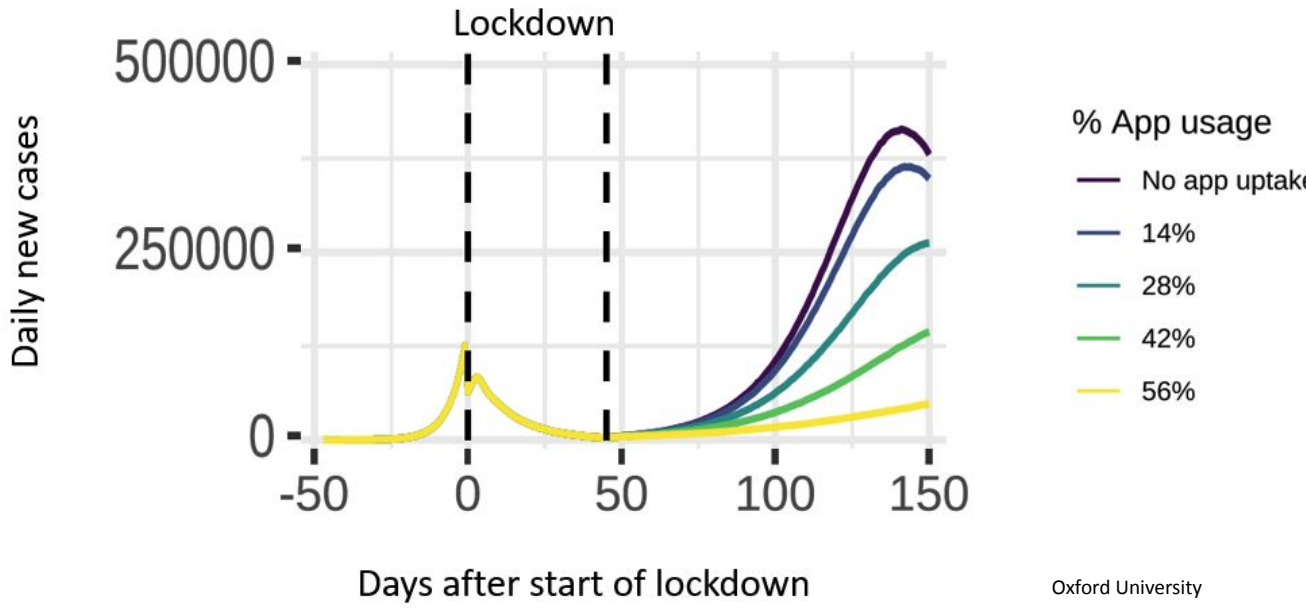
Metrics since February 16, 2021

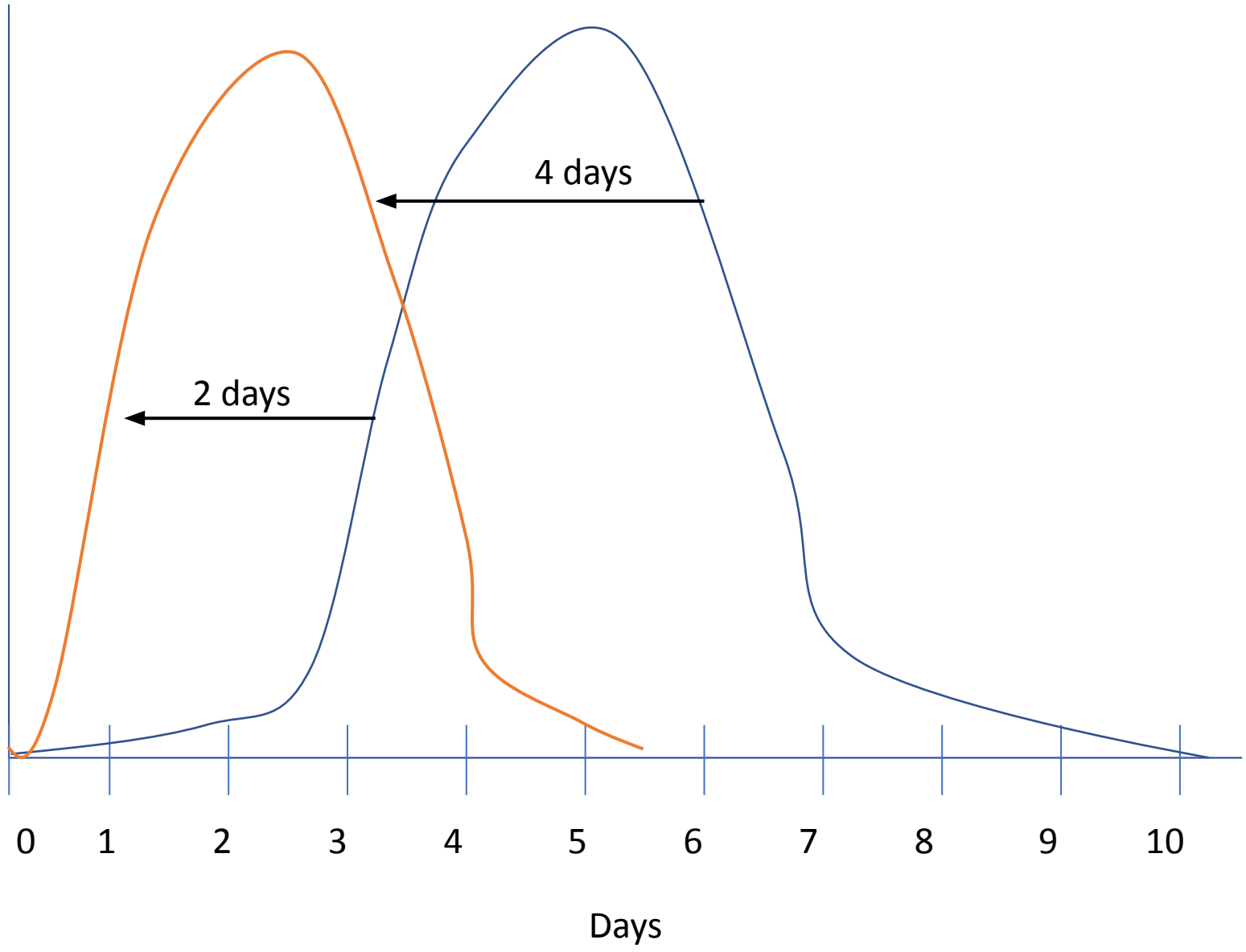




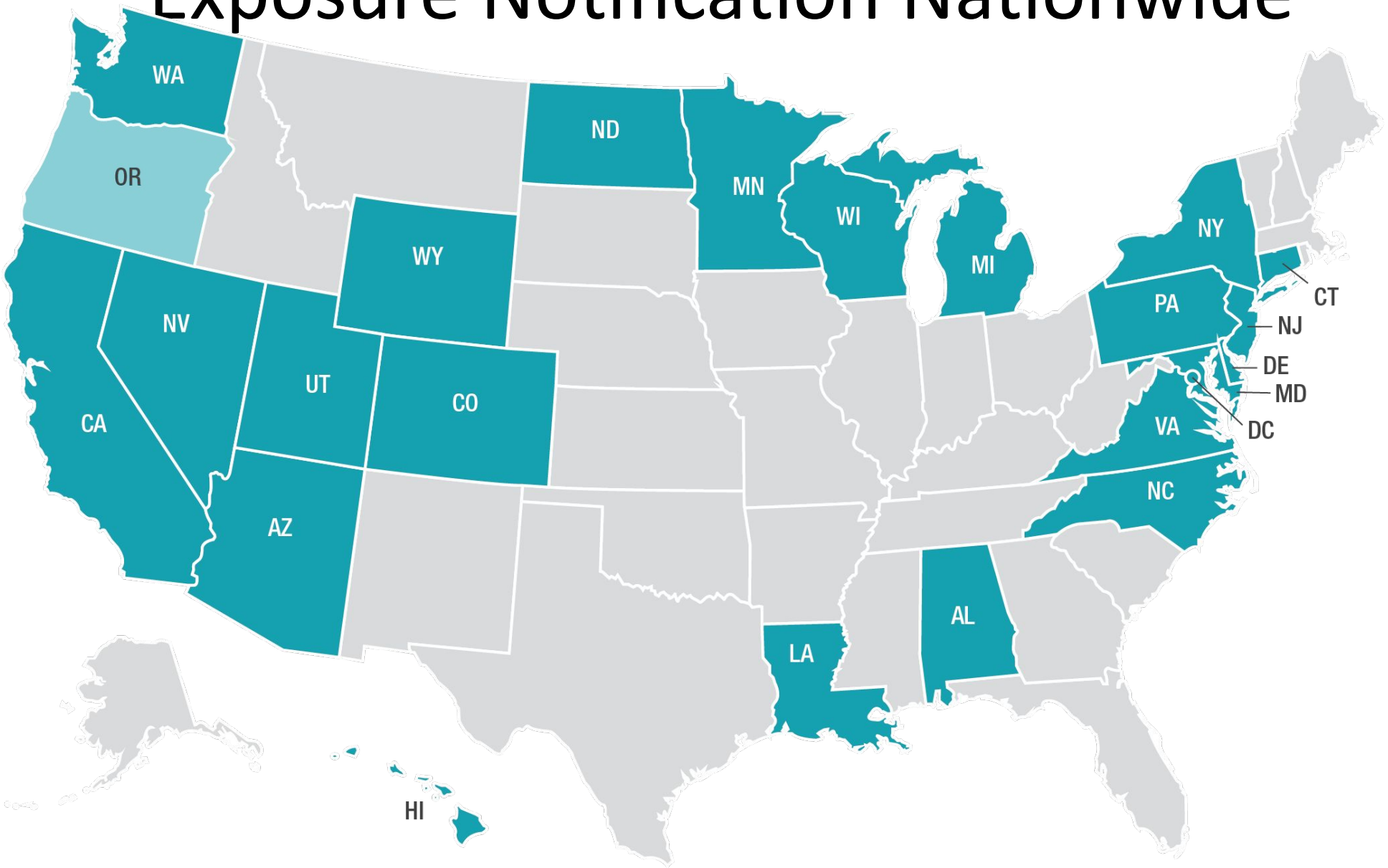
How Many People Need to Download?

- Do not need the majority to download to be effective
- Current download rate is about 17% of Alabamians with smart phones
- It is all about breaking the transmission chain and shifting the notification curve to the left
- Need to use every tool available




4 days
2 days
0
1
2
3
4
5
6
7
8
9
10
Days

Exposure Notification Nationwide



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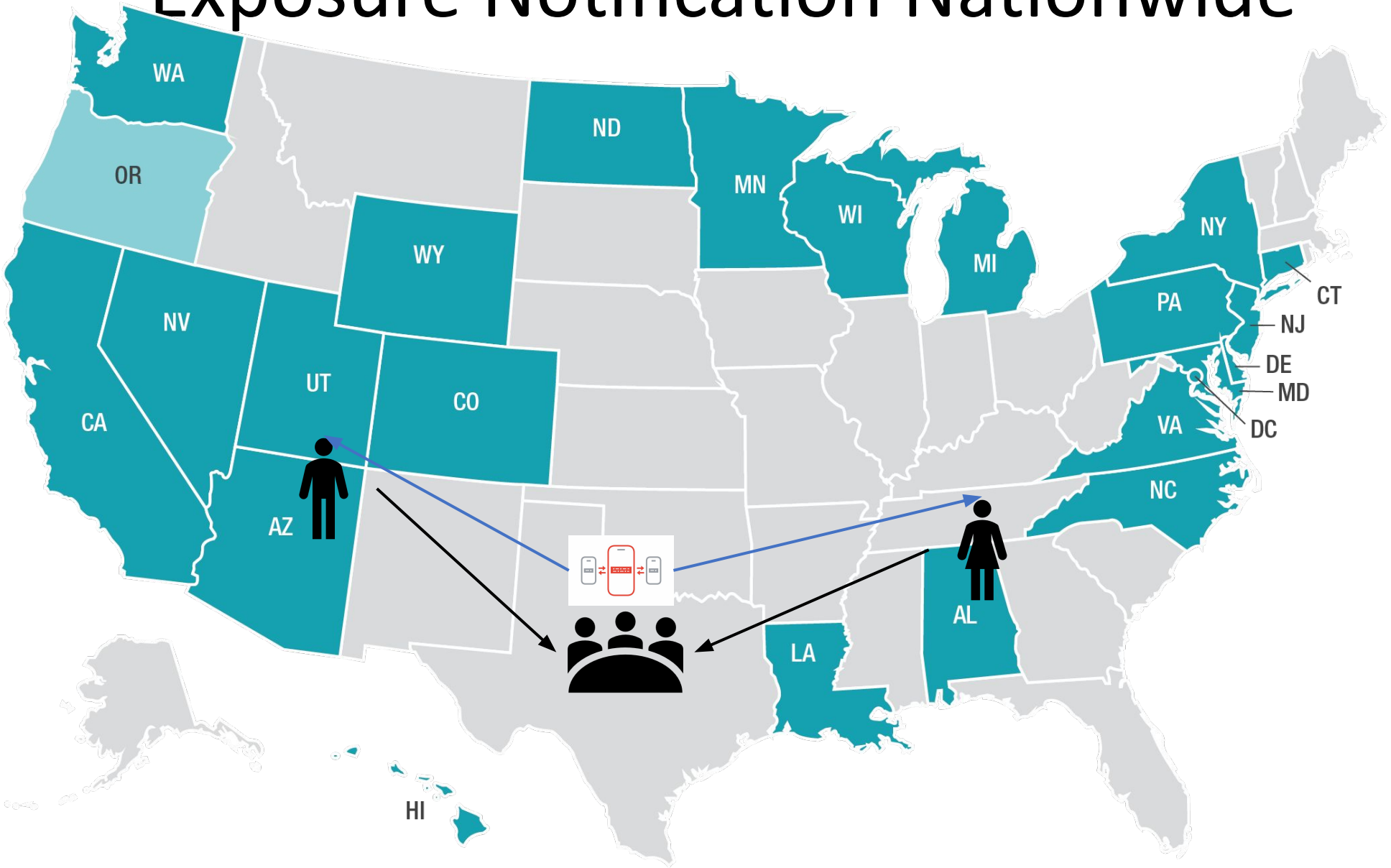

THIS APP HELPS
STOP COVID.
Download today
Download on the App Store
GET IT ON Google Play
GuideSafe™

Thank you

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