



Knowledge that will change your world

MEMORANDUM

Date: March 8, 2021

To: State Finance Director

From: Sue Feldman, RN, MEd, PhD, Principal Investigator, GuideSafe program

Re: GuideSafe™ Tools Program Progress Report as of February 28, 2021

The GuideSafe™ Tools Program includes GuideSafe™ Healthcheck, GuideSafe™ Event Passport and GuideSafe™ Exposure Notification.

As of February 28, 2021:

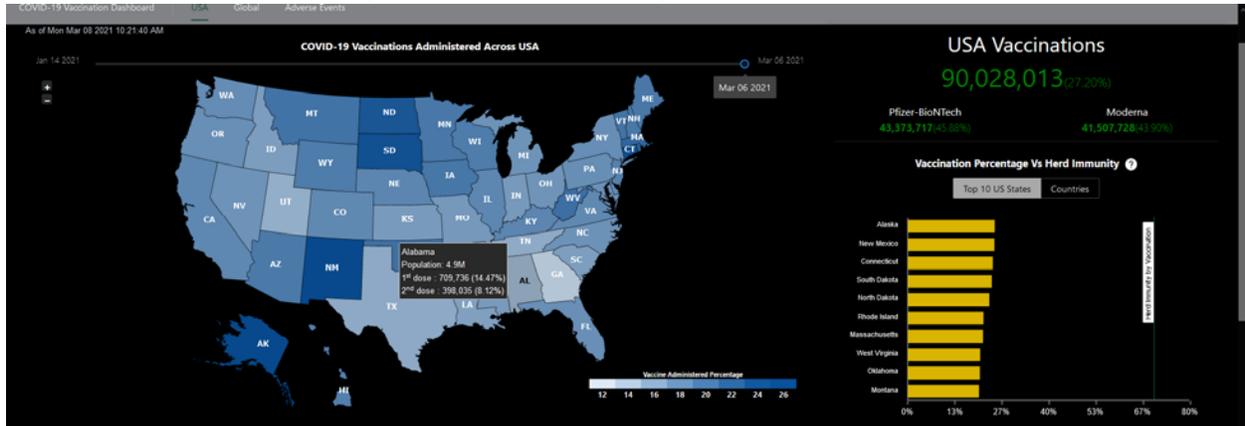
GuideSafe™ Healthcheck has over 250,000 daily users across K-12 and higher education in Alabama. While many K-12 districts and all higher education have implemented GuideSafe™, cases have increased in Alabama. Since our last report, we have added another private high school.

To provide a more comprehensive picture, we began working on a vaccination question to be added to the Healthcheck survey. It is scheduled to start appearing on the Healthcheck survey mid-March.

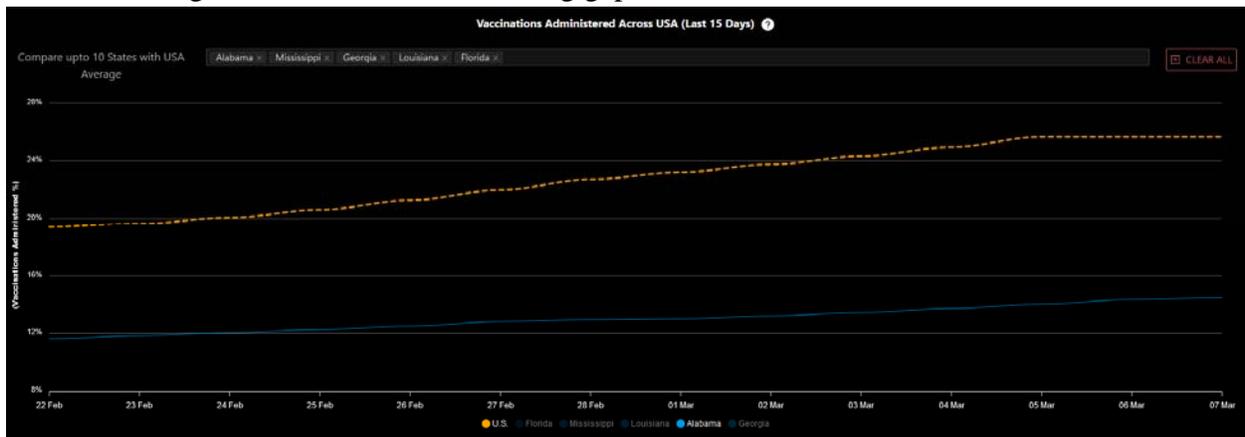
GuideSafe™ Event Passport is accessed for K-12 school entry and university classroom entry across Alabama. Since the passport is accessed several times daily across a variety of events, it is difficult to ascertain how many times this has been used; however, the passport can be accessed by the same 250,000 plus daily Healthcheck users. We have developed a Visitor Passport that is actively being used by Universities to control visitors, such as vendors, prospective students and faculty, etc., on campus and to mitigate community spread on campuses.

GuideSafe™ Exposure Notification has increased downloads to over 233,000 with over 1200 confirmed positive tests. In December, we moved development of the GuideSafe Exposure Notification app out of UAB to our partnership with PathCheck Foundation out of MIT. The final version of this updated app was released on Monday, February 8, 2021. This development includes many updated features to keep our app aligned with others in the nation and the world that have developed off of the Google/Apple platform.

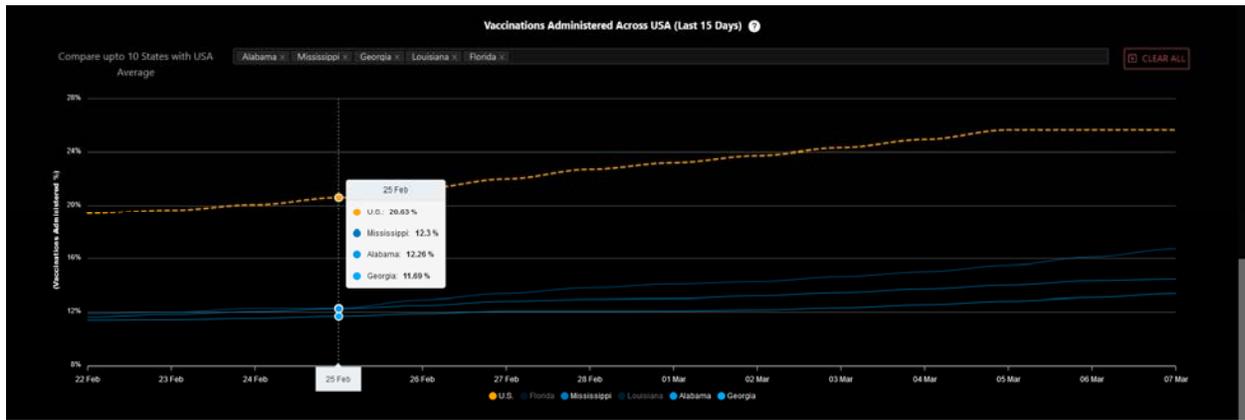
Vaccination Dashboard: Through our continued collaboration with PathCheck Foundation, we have released a vaccination dashboard (<https://vax.uab.edu>). The vaccination dashboard shows US and International efforts toward vaccination and herd immunity. The blue US map on the left shows individual state information on hovering. In the image below, we can see that Alabama is 8.12% of the way toward 100% of the population immunized. If herd immunity is 70%, then Alabama is 11.6% of the way toward herd immunity across the state.



Next, we can look at how our vaccination administration is tracking that of the US or other states. The diagram below shows a widening gap between Alabama and the US.



We can also look at comparisons to our neighboring states. Below is highlighted February 25 which shows a crossover where Mississippi overtook Alabama in vaccinations and is narrowing the gap with the US. Georgia has always been behind Alabama, but you can see on March 7, that gap seems to be narrowing. All data are from publicly available sources.



Adverse Events Dashboard: Part of the vaccination dashboard is an adverse events dashboard. Here you can see that more females than males report adverse events by about 4:1. We currently have a manuscript submitted to JAMA for data analysis that contributes to the adverse events dashboard.

