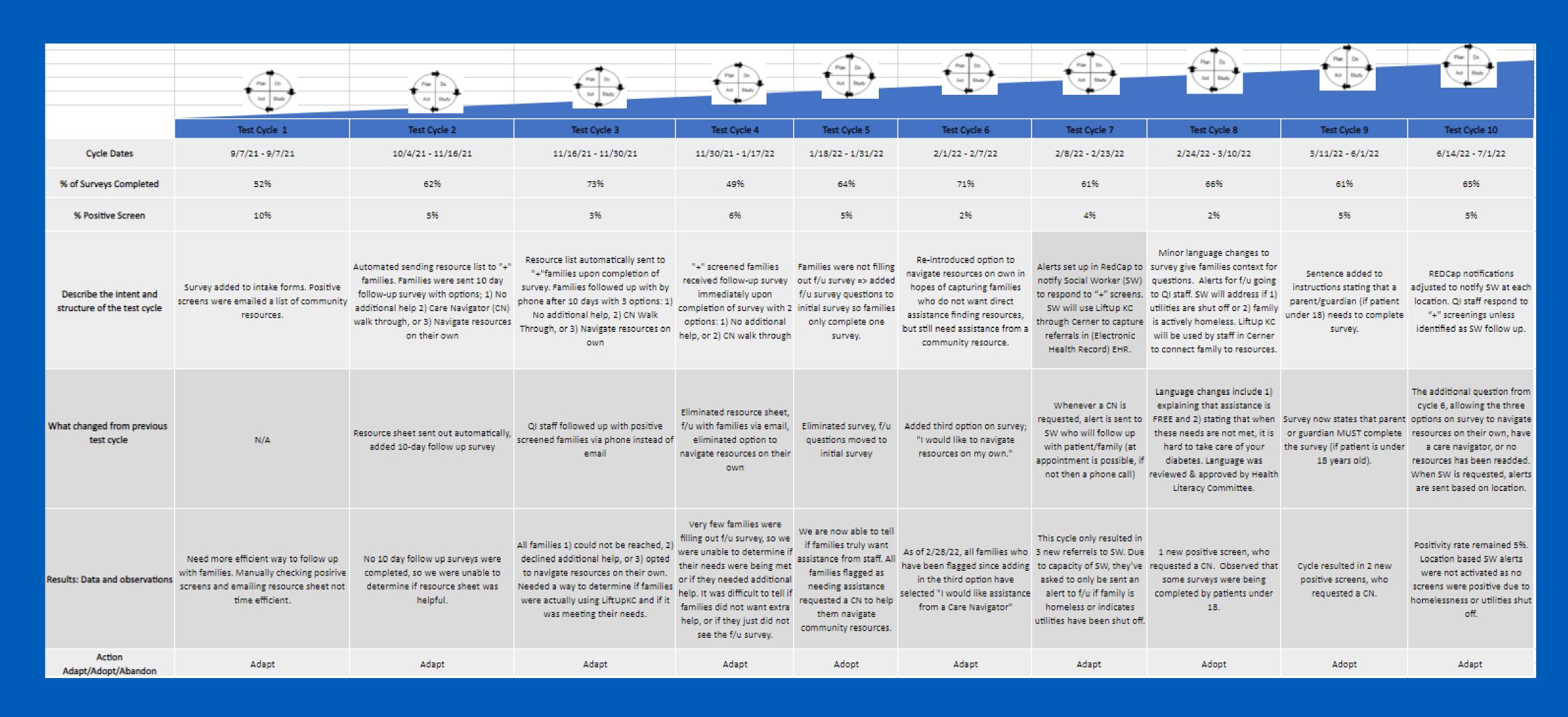
BACKGROUND

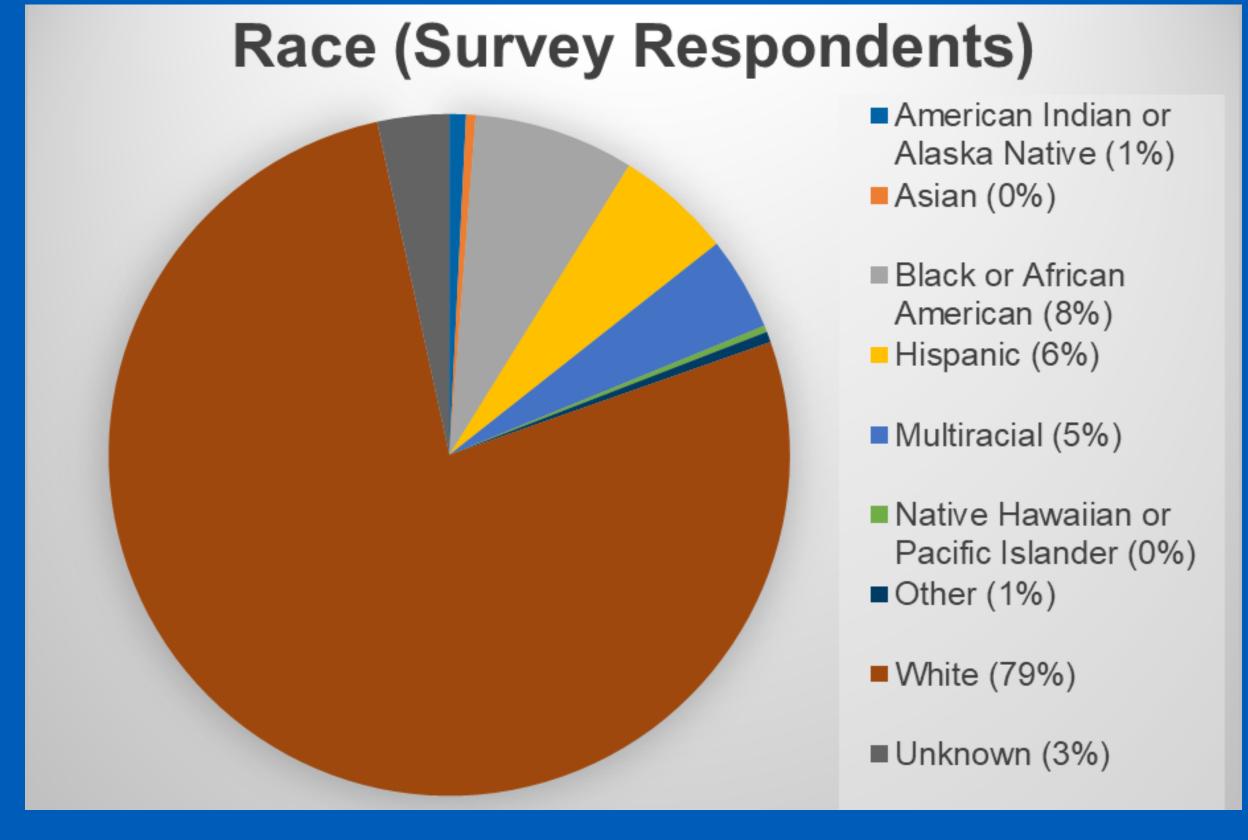
- The American Diabetes
 Association recommends
 screening for social
 determinants of health
 (SDOH) and addressing
 social barriers to health for
 all with diabetes
- Our aim was to implement a SDOH screening tool in a pediatric type 1 diabetes (T1D) clinic, then analyze the completion and positivity rates by race and ethnicity

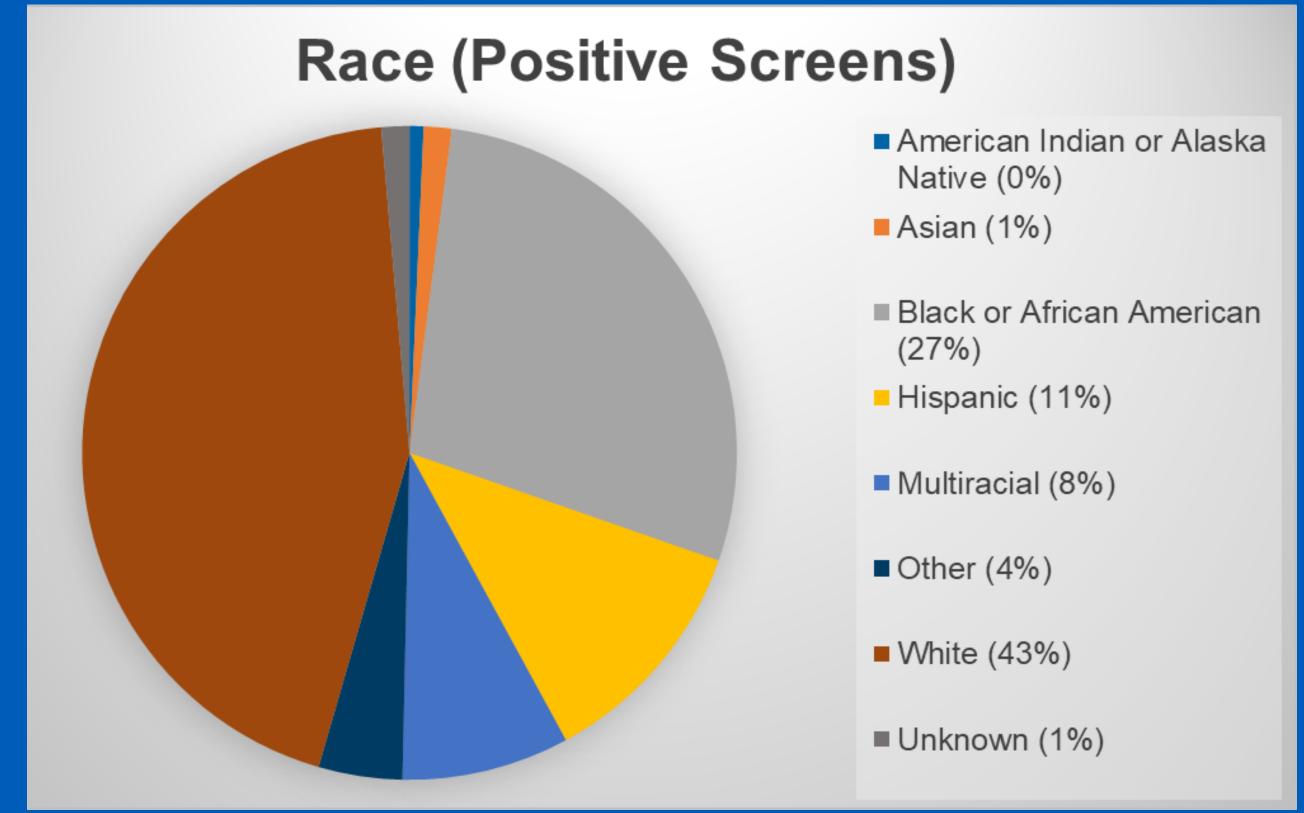
METHODS

In September 2021, we implemented a SDOH screening survey in clinic intake forms. We completed 10 PDSA cycles by July 1, 2022. Cycles tested delivering a resource list to those with positive screens, providing a link to a webbased platform with comprehensive resources, and providing personalized guidance to connect to vetted community resources. We also modified language to give families rationale for taking the survey and to articulate that guidance service was free.

Addressing Social Determinants of Health in an Ambulatory Pediatric Diabetes Clinic; Examining Data by Race and Ethnicity







Emily DeWit, MASL, Brent Lockee, BS, Mitchell Barnes, BS, Katelyn Evans, LMSW, LCSW, OSW-C, Mark Clements, MD, Ph.D, Kelsee Halpin, MD, MPH, Shilpi Relan, MD, FAAP Children's Mercy Kansas City

RESULTS

The SDOH survey was completed by over 4,000 families with clinic appointments from September 1, 2021- July 1, 2022. Positivity rate varied from 2%-10%. Whites completed 78.9% of surveys and only made up 43.42% of positive screens. In contrast, Black individuals completed 7.83% of surveys, yet made accounted for 28.19% of positive screens. Hispanic/Latinos completed 9.17% of surveys while accounting for 14.77% of positive screens.

CONCLUSION

Black and Hispanic patients are disproportionally affected by SDOH barriers. This disparity illustrates the need for screening and addressing barriers to SDOH. Screening for and addressing SDOH should drive the development of costeffective, culturally customized programs to support diabetes care and promote health equity.

Thanks to our funder









