



Our Collective Impact

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**HEALTHY
YOLO
TOGETHER**

A Public Health Project of UC Davis

PROJECT GOALS

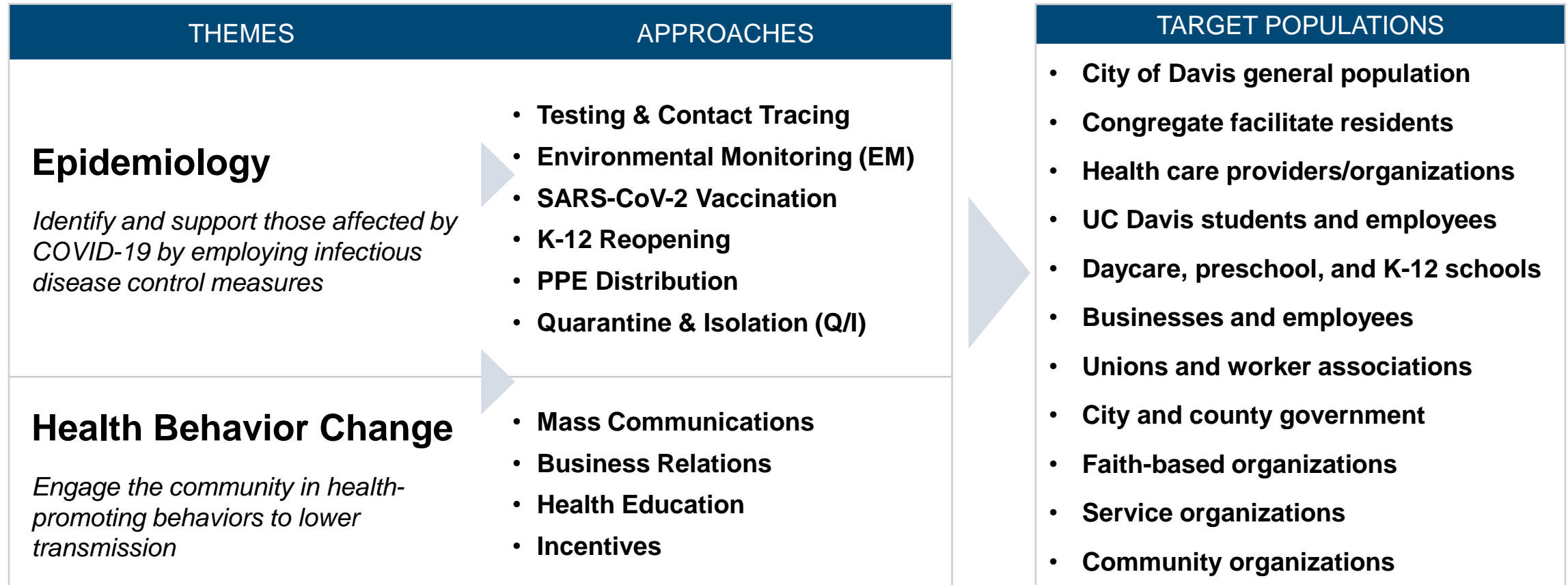
- Prevent the spread of COVID-19
- Facilitate a gradual return to regular city activities and reintegration of UC Davis students back into school and community life

Together, we have done just that



PROGRAM APPROACH

We combined epidemiological and health behavior change interventions to create a first-of-its-kind response program for an entire community, piloting both novel and standard initiatives to identify the right mix that enabled success



HDT PARTNERSHIPS: YOLO COUNTY + UCD

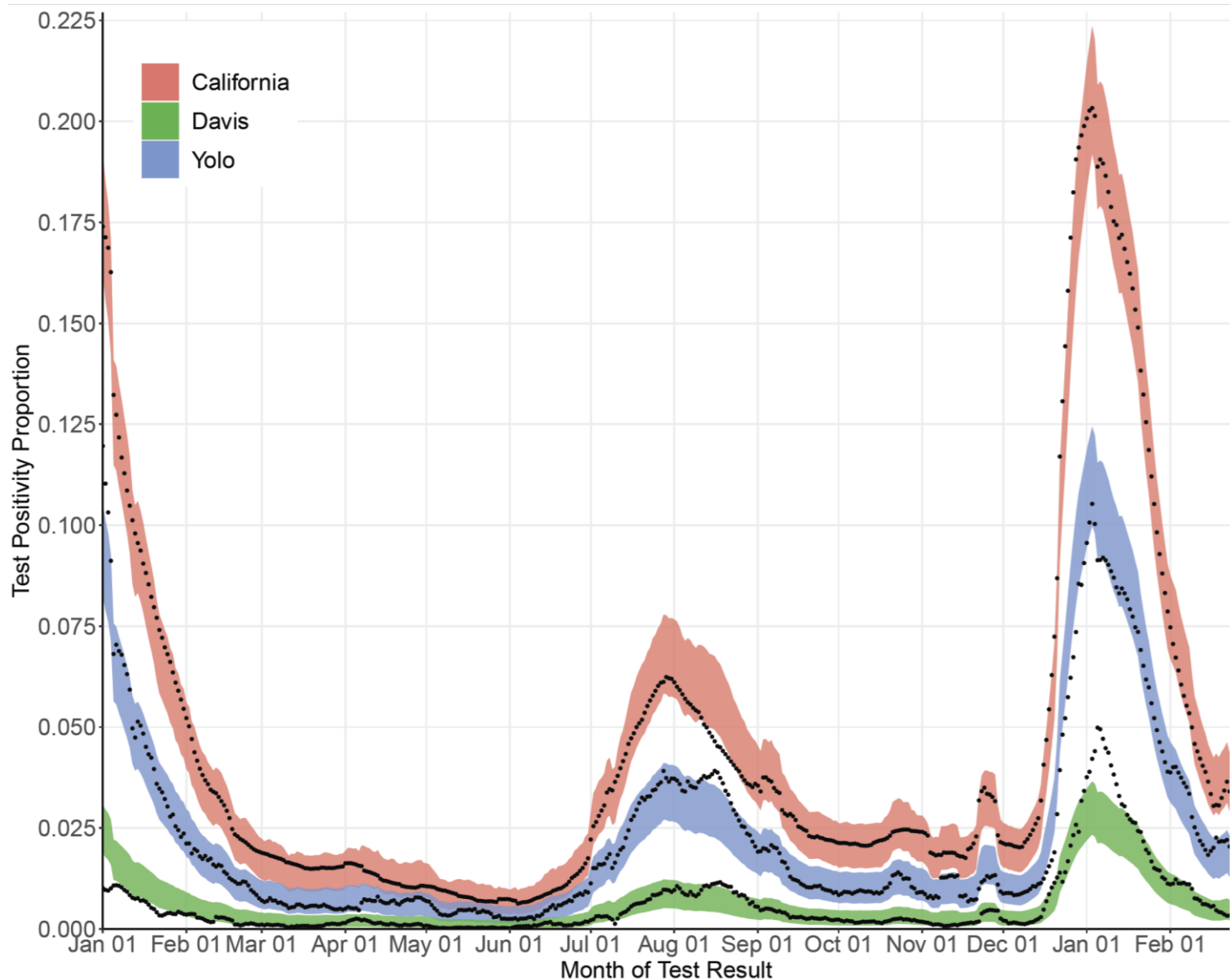
The Yolo County and University partnership was **essential** to the success, longevity, and uptake of HDT; both brought unique value to the program



- ✓ **Disseminated communications** about the importance of health behaviors, available testing options, and HDT's services (locations, hours, etc.)
- ✓ **Set-up testing and vaccination sites** at low to no-cost to the program
- ✓ **Built trust** in the community; leveraged existing connections to gain buy-in from businesses, schools, etc.
- ✓ **Fielded questions** from community members; co-hosted Q&A sessions
- ✓ **Provided funding** to extend testing for 6 months

- ✓ **Established the lab** to process testing samples
- ✓ **Provided supplies and staff** for testing and vaccination to the community, schools, and mobile/vulnerable populations
- ✓ **Provided training** to schools to enable on-site testing
- ✓ **Coordinated with Yolo County Public Health and local providers** to share resources and align on needs, coordinate communications
- ✓ **Designed partnership programs**—including environmental support, incentives, etc.—with businesses, K-12 schools, and other local organizations

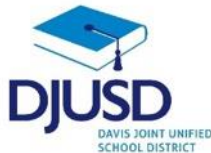
WHERE WE HAVE COME



HDT PARTNERSHIPS

We strengthened existing and forged new partnerships to create a coordinated approach to pandemic management:

Primary



Additional

Cities



K-12



Community Organizations



In addition to the faith-based community and 25+ other community-based organizations

Other

420+ Davis businesses

20+ Community Leaders (Advisory)

UCD's Diversity, Equity, and Inclusion Program

Implementation Partners



OUR IMPACT



A Public Health Project of UC Davis



QUARANTINE & ISOLATION

\$11k in housing, food, and salary support provided to community members

456 UCD students used quarantine and isolation housing

What support did HDT provide?

- **Temporary housing** for quarantine and isolation outside of the home
- **Food support** to encourage individuals to remain home when quarantining and isolating
- **Salary support** (needs-based) to mitigate lost wages from time off work during Q/I
- **Q/I kits** containing pulse oximeters and thermometers to support symptom monitoring

Why?

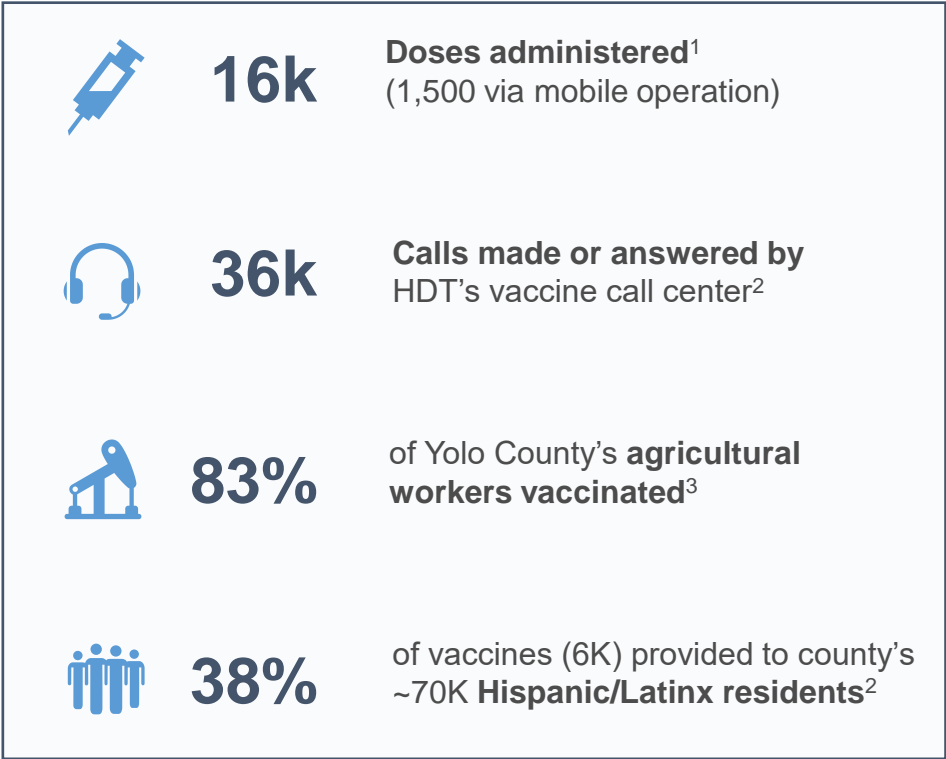
- To **encourage compliance** with quarantine and isolation recommendations
- To **alleviate financial and other pressures** on individuals and families during quarantine and isolation
- To **support families that might not have space to quarantine at home** (e.g., large family living in a small space)

VACCINATION: ACHIEVEMENTS

Through its data-driven approach, HDT was able to launch sites targeting vulnerable populations in multiple cities across the county



By the Numbers:



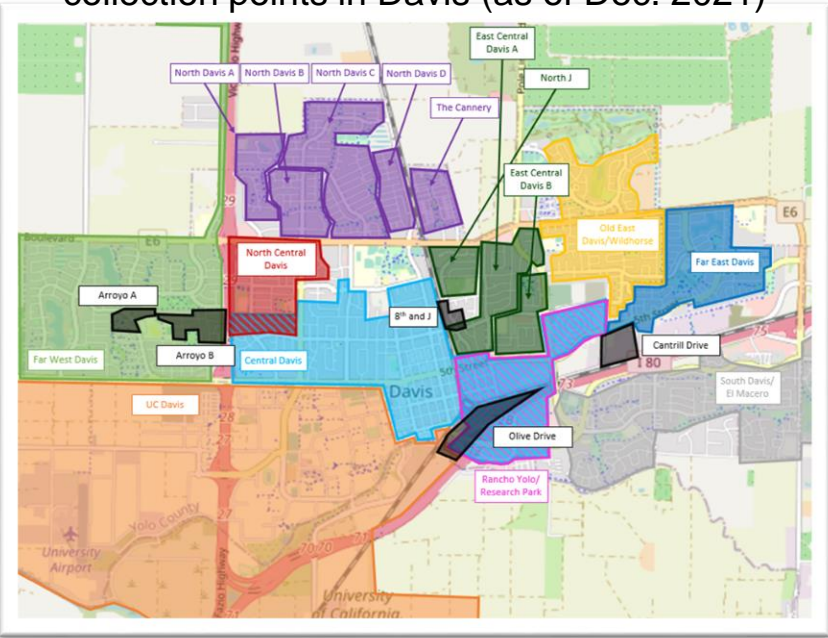
Source: HDT Vaccine Data through Jun. 29, 2021

Notes: 1. Yolo County's population in 2020 was 216K, and 77% have 1 or more vaccine dose | 2. Inbound and outbound calls related to appointment scheduling, follow-ups, and general inquiries | 3. An effort supported by HDT's vaccine teams | 2. As of 2020, of Yolo County's 216K residents, 32% were Hispanic or Latino

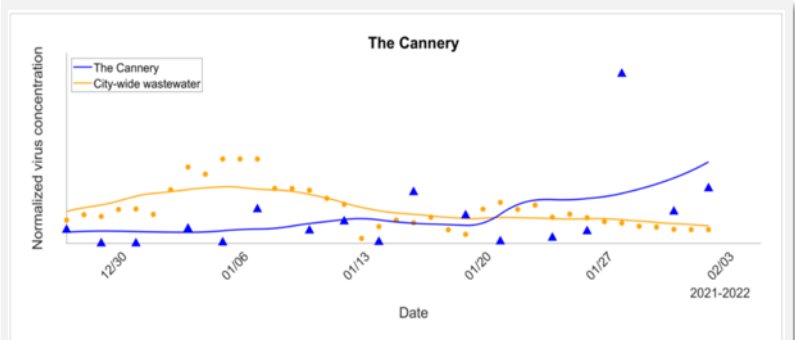
WASTEWATER MONITORING: ACHIEVEMENTS

Davis neighborhoods were sampled multiple times per week, HDT has been able to achieve¹:

5,000+ samples collected across **24** neighborhood-level and **22** building-level collection points in Davis (as of Dec. 2021)



Weekly updates of neighborhood-level data with interpretation on [HDT's website](#)



*The wastewater data indicate that levels of COVID-19 for **The Cannery** are **going up**, while the city is **going down**. Healthy Davis Together encourages everyone to remain vigilant and follow guidance to prevent the spread of COVID-19 and all its variants.*

Recommended actions to residents (via communications) when higher levels of virus were detected in their neighborhood

Our sewage can tell us a lot about COVID-19.

Healthy Davis Together, a joint project between UC Davis and the City of Davis, collects and tests wastewater (sewage) from across the city three times a week to track the presence of SARS-CoV-2 (the virus that causes COVID-19) in our community.

As vaccinations increase and COVID-19 rates decline in Davis, regularly testing wastewater is a non-invasive way to identify trends and take action to protect our community's health. *No samples or data are collected from individual households. Drinking water in the City and your area remains completely safe.*

Recent sampling has detected SARS-CoV-2 in wastewater from this neighborhood. This is a sign that new COVID-19 infections may be present. It's important to keep taking steps to prevent the spread.

Protect yourself and your family:

- Follow local guidance on masking and gathering.
- Get tested if you have COVID-19 symptoms or may have been exposed, even if you are vaccinated.
- Keep getting tested in you are not yet vaccinated for COVID-19.
- Get vaccinated if you are 12 years or older.

Note: 1. In addition to neighborhood-level wastewater results, via HDT's partnership with SCAN, city-level wastewater monitoring results were sequenced for variants of concern

PROGRAM REACH

Through coordinated efforts in Davis and Yolo County, HDT¹:

PROVIDED 871,245 FREE TESTS AND DETECTED 15,825 POSITIVE CASES

among 116,179 individuals² across 120 locations, including school-based sites and mobile clinics (excluding campus)

ADMINISTERED 16,000 VACCINES

to 8,700 individuals, with 38% of doses being provided to Hispanic/Latinx residents, and 36,000 calls to support the effort

FEATURED IN 600+ NEWS STORIES

Across local, state and national media outlets with more than 7.1M views¹

PUBLISHED 6+ SCHOLARLY PAPERS

21 playbooks, case studies and blog posts, and participated in 35+ conferences, webinars, and speaking engagements to share lessons learned¹



COLLECTED 10,200+ ENVIRONMENTAL SAMPLES

from air filters, surfaces, and wastewater (city, university, and neighborhood-level) to monitor for SARS-CoV-2—supplementing clinical testing³

SUPPORTED 56+ K-12 SCHOOLS

across Yolo County with testing, vaccine campaigns, safe classrooms, and public health education⁴

ENGAGED 400+ LOCAL BUSINESSES

with more than \$480,000 in gift cards and \$365,000 in grants distributed to enable COVID-19 safe business practices⁵

DROVE 119,606 TESTING REGISTRATIONS via HealthyDavisTogether.org, with more than 670K site visitors and 1.6 million unique testing page views.

Note: 3. Reflects cumulative numbers from September 2020 through June 30, 2022. Wastewater monitoring continues in Davis. **4.** From April 2021 – June 30, 2022, in Davis and June 2021-Dec. 2021 in Yolo County, year-round in DJUSD. **5.** From Nov. 2020 – June 2021.

Note: 1. Reflects cumulative numbers from September 2020 through June 30, 2022. 2. Reflects tests collected through June 30, 2022, in Davis (excluding UCD campus) and larger Yolo County. Yolo County's [total population](#) is ~220,000

PROGRAM VISIBILITY

Since program launch, HDT has received local, state, and national visibility and awards related to the overall program and specific components

The New York Times
A California University Tries to Shield an Entire City From Coronavirus

The University of California, Davis, is providing free testing, masks and quarantine housing to tens of thousands of people who live nearby.

THE WALL STREET JOURNAL.
Wastewater Helps Health Officials Spot Covid-19 Warning Signs
 More communities are monitoring sewage for viral traces; 'We had a heads up'

In Davis, health officials and researchers found multiple Covid-19-positive wastewater samples in parts of the city of roughly 68,000. Separate patient samples suggested the Delta variant was in their midst. Local officials sent out an alert and hung more than 3,000 blue signs on doorknobs in three neighborhoods, encouraging people to get tested for the virus.



CONTINUING ACTIVITIES



WASTEWATER MONITORING

Wastewater monitoring for SARS-CoV-2 has become a key public health strategy to track virus trends in community wastewater.

- HDT will continue wastewater monitoring at the neighborhood level through September 2022
- City wastewater monitoring will continue into 2023. Davis wastewater monitoring is part of the SCAN Network
- HDT is working with Eurofins, a commercial lab, to implement a wastewater program using the SCAN methodology in the Central Valley
- HDT is leading efforts to correlate wastewater levels with community infection rates to help Public Health Officials make better use of wastewater data
- Advocacy for expansion of wastewater in more communities in CA



KNOWLEDGE SHARING

HDT will continue to share lessons learned about our community's approach to COVID-19 response and our impact.

- Academic paper to be published in the *American Journal of Public Health* in the August issue, followed by more academic papers this Fall.
- HDT has been featured in **30+ conferences/seminars** to date. Upcoming conferences include the National Association of County Health Officials and the American Public Health Association later this year.
- Healthy Davis Together episode in *Visionaries'* 25th season is being picked up by PBS affiliates across the country.
- Briefings with policy makers and key stakeholders on the program results, evaluation and recommendations to inform future pandemic planning.



ACKNOWLEDGMENTS



THANK YOU!

- **County**
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