

CDC Partnership to Protect Agricultural Workers During COVID-19 Pandemic ... and Beyond

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CDC partnership with national network of farmworker-serving organizations

- **5-year Cooperative Agreement**

- FY21: \$6.5 million; FY22: \$5.3 million; FY23: \$3 million

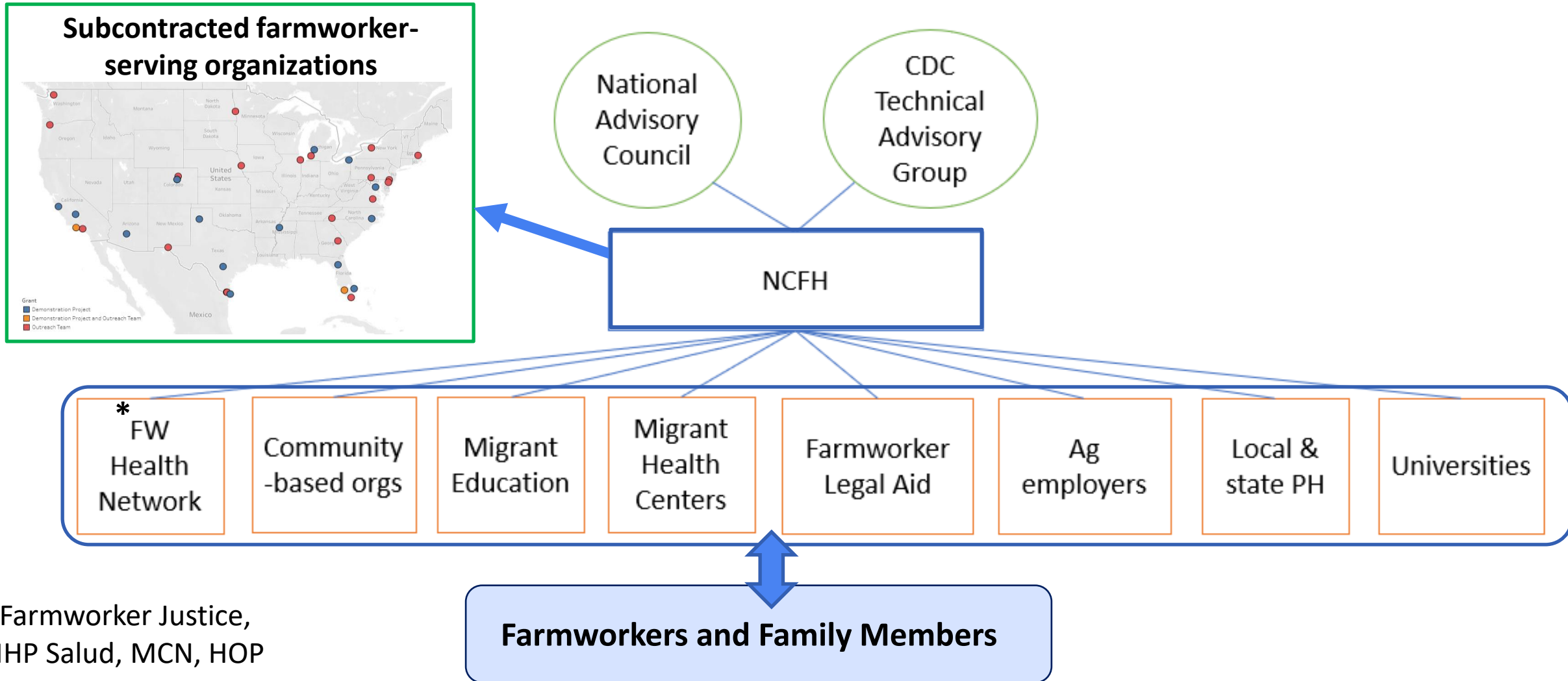
- **Led by National Center for Farmworker Health**

- Local community-based organizations
- Community health centers
- Local health departments
- Ag employer organizations (e.g., National Council of Agricultural Employers)

- **Objectives**

- Strengthen organizations' **infectious diseases emergency response coordination and outreach capacity**
- Enhance **education, access, and adoption of COVID-19 preventive measures** among farmworkers and employers
 - In FY23 expanded to other adult vaccinations (flu and Tdap)

CDC/NCFH national partnership network FY21-FY23



* Farmworker Justice, MHP Salud, MCN, HOP

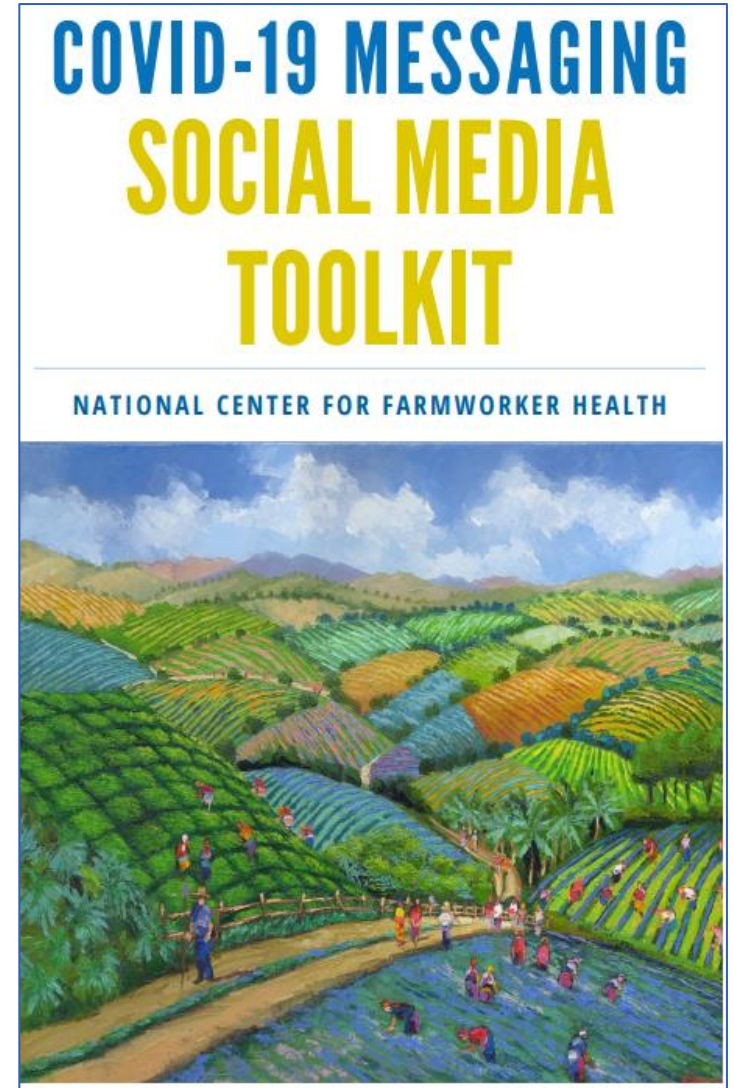
Partnership COVID-19 outreach & education strategies

- Direct funding, trainings, and technical assistance to **43 local organizations** to conduct outreach and facilitate access to vaccination and testing
- Assist ag employers in testing, vaccinating workers
 - [Promising Practices for Employers](#)
- National radio and social media campaign in Spanish and indigenous languages
- Develop [education materials and other resources](#) in multiple languages and formats
 - Assess quality of resources created by other organizations



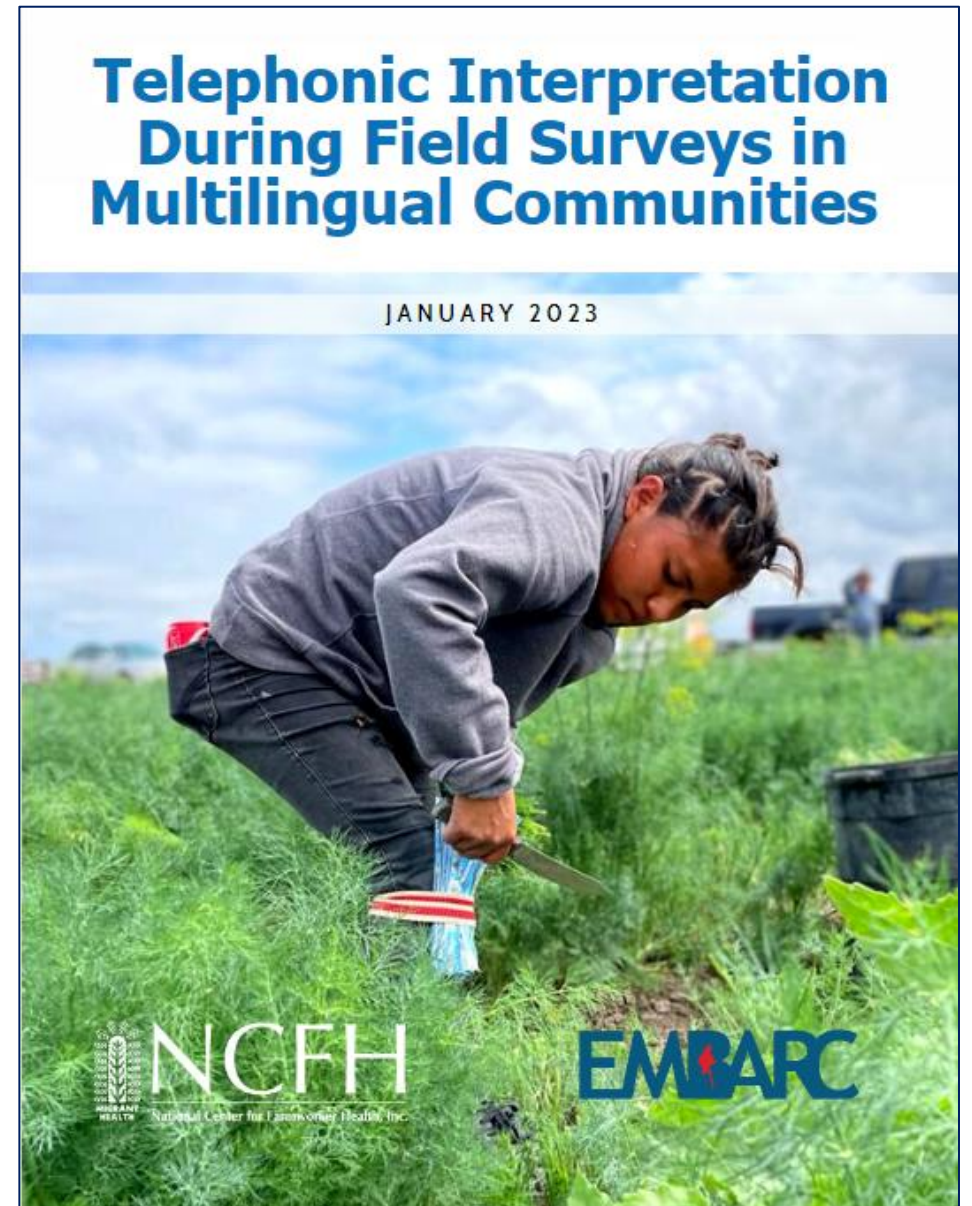
Social Media Toolkits for Ag Workers

- Resources and information tailored for farmworker communities to amplify your organization's social media campaign
 - [COVID-19 Messaging Social Media Toolkit](#) includes a social media guide and [media repository](#) to aid in content creation and customizable branding content
 - The [Flu Outreach and Social Media Toolkit for Agricultural Workers](#)
 - [Spanish version available here.](#)

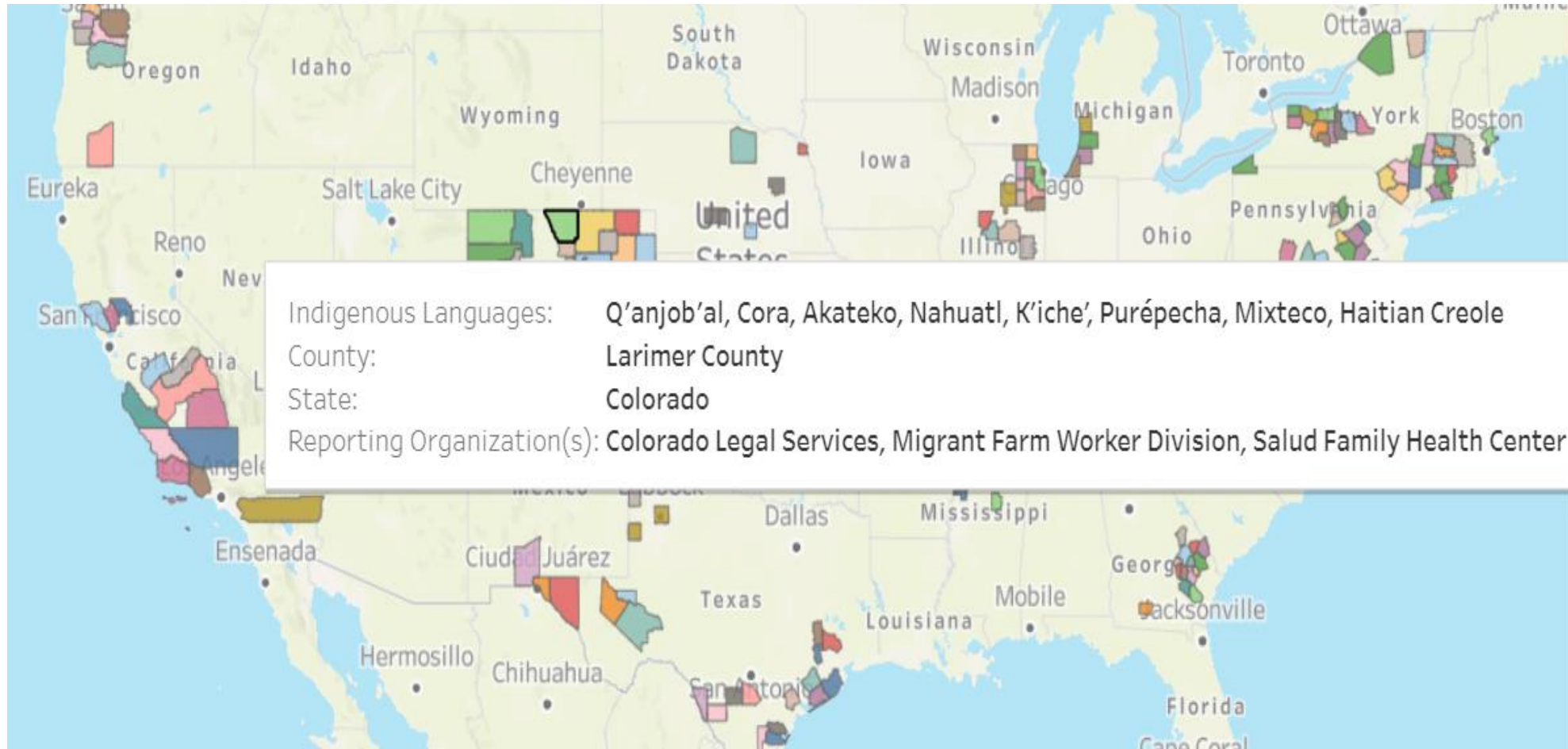


Language Access

- Committee of staff from farmworker-serving organizations
- [Remote interpretation during data collection toolkit](#) (CDC Foundation project)
- Finalizing language map of languages found in over 250 counties
- Indigenous language interpreter directory



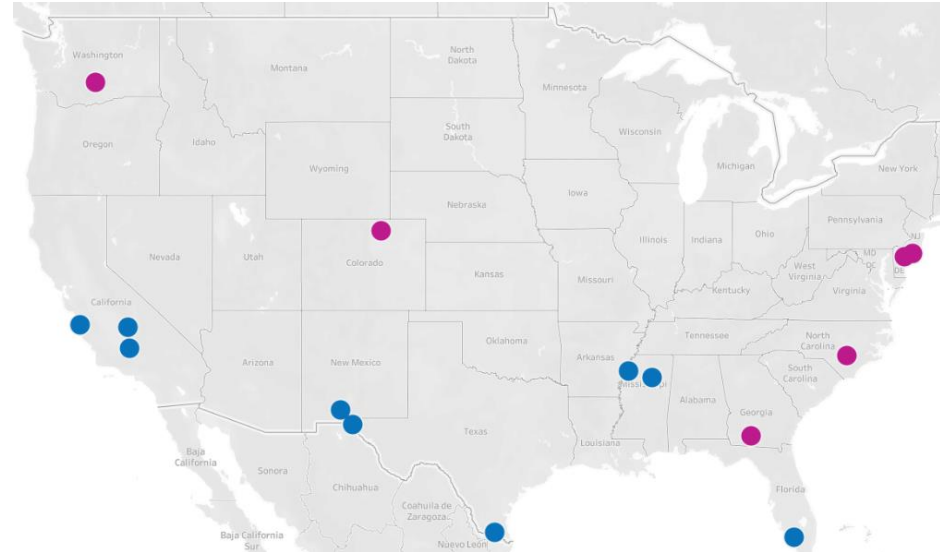
Farmworkers' Language Map



Farmworker COVID-19 rapid community assessments

- 10 completed, county level
- In-person or phone interviews with farmworkers at key locations (e.g., farms, housing, community sites)
 - N=300-350 per county
- Key informant interviews with employers, service providers, and community-based organizations' leaders
- Reports available at:

<http://www.ncfh.org/fcca.html>



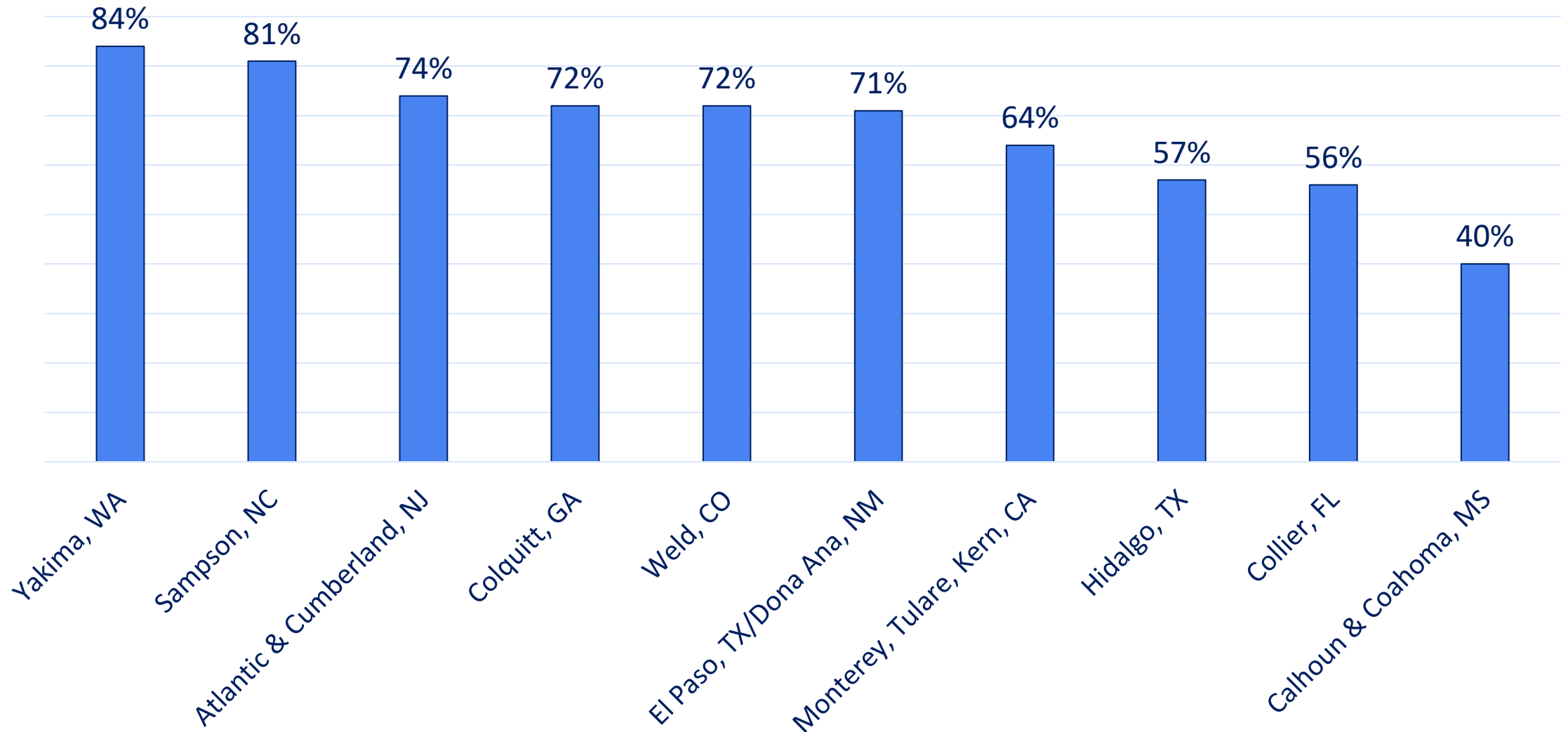
Phase 1 - CA: Monterey, Tulare and Kern counties; TX: Hidalgo and El Paso counties; NM: Doña Ana County; MS: Calhoun and Coahoma counties; FL: Collier County.

Phase 2 - GA: Colquitt County; NC: Sampson County; CO: Weld County; NJ: Atlantic and Cumberland counties; WA: Yakima County.

Data helps us know where to focus our efforts

	H-2A (n = 532)	Documented, non-H-2A (n = 238)	Undocumented (n = 510)
Completed COVID-19 primary series	95%	81%	59%
COVID-19 Booster	52%	67%	33%
Continued working while COVID-19 positive or symptoms	30%	9%	18%

Completed COVID-19 Primary Vaccine Series (Aug 2021 - Aug 2022)



U.S. National Pulse on Infectious Diseases among Farmworkers

Keeping a pulse on the health of farmworkers in the U.S.

<http://www.ncfh.org/fact-sheets--reports.html>

- Short, **email poll** in English and Spanish
- Monthly, since July 2020
- Sent to 284 NCFH network contacts
 - Executive and outreach staff of Community Health Centers, farmworker-serving non-profit organizations, and health department staff
- ~30% response rate



Farm Labor Data Dashboard

- Interactive web-based mapping and graphing application
- **Goal:**
 - Facilitate access and visualization of data from multiple sources on farm labor and resources, at the national, state, and local level
 - For planning and monitoring of outreach and other public health interventions for farmworker communities
- **Intended audience:**
 - National, state, and local jurisdictions and organizations serving farmworkers
 - To request access, go to [website](#)

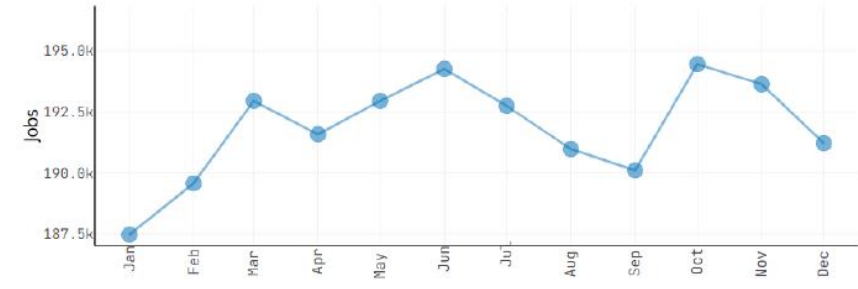
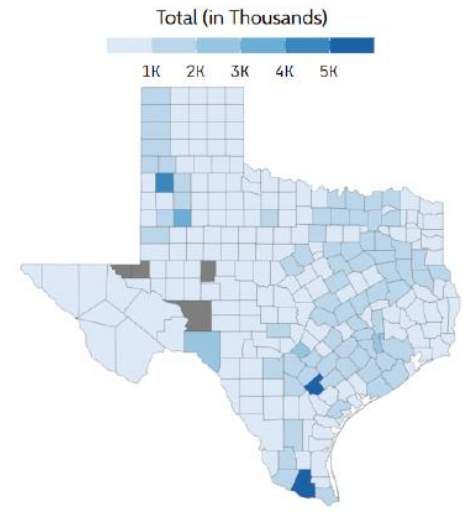


All Production

Total Workers

Number of Jobs

State Map National Map



County-Level Data

COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Karnes	5,220	5,744	5,744	5,220	4,958	5,351	5,220	5,220	5,089	4,827	4,696	4,827
Hidalgo	4,781	4,883	5,695	5,266	4,528	4,052	3,673	3,598	3,633	4,138	4,569	4,650
Lamb	4,001	4,009	4,116	4,298	4,308	4,579	4,688	4,611	4,188	4,543	4,557	4,458
Lynn	2,681	2,631	2,697	2,697	2,780	2,847	2,896	2,747	2,647	2,797	3,029	2,896
Val Verde	2,273	2,150	2,298	2,175	2,298	2,347	2,200	2,126	2,470	2,347	2,249	2,421

SELECT A YEAR

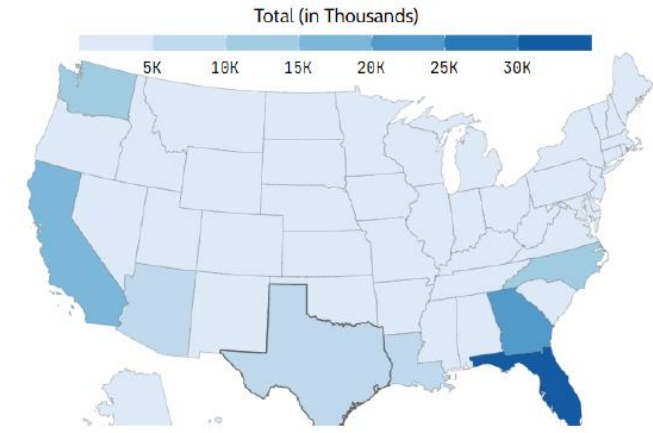
SELECT A MONTH

2021

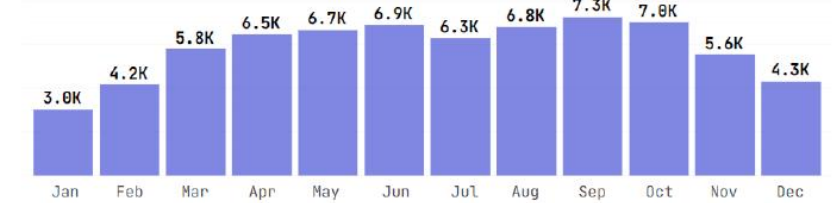
April

H-2A Guestworkers Map

State Map National Map



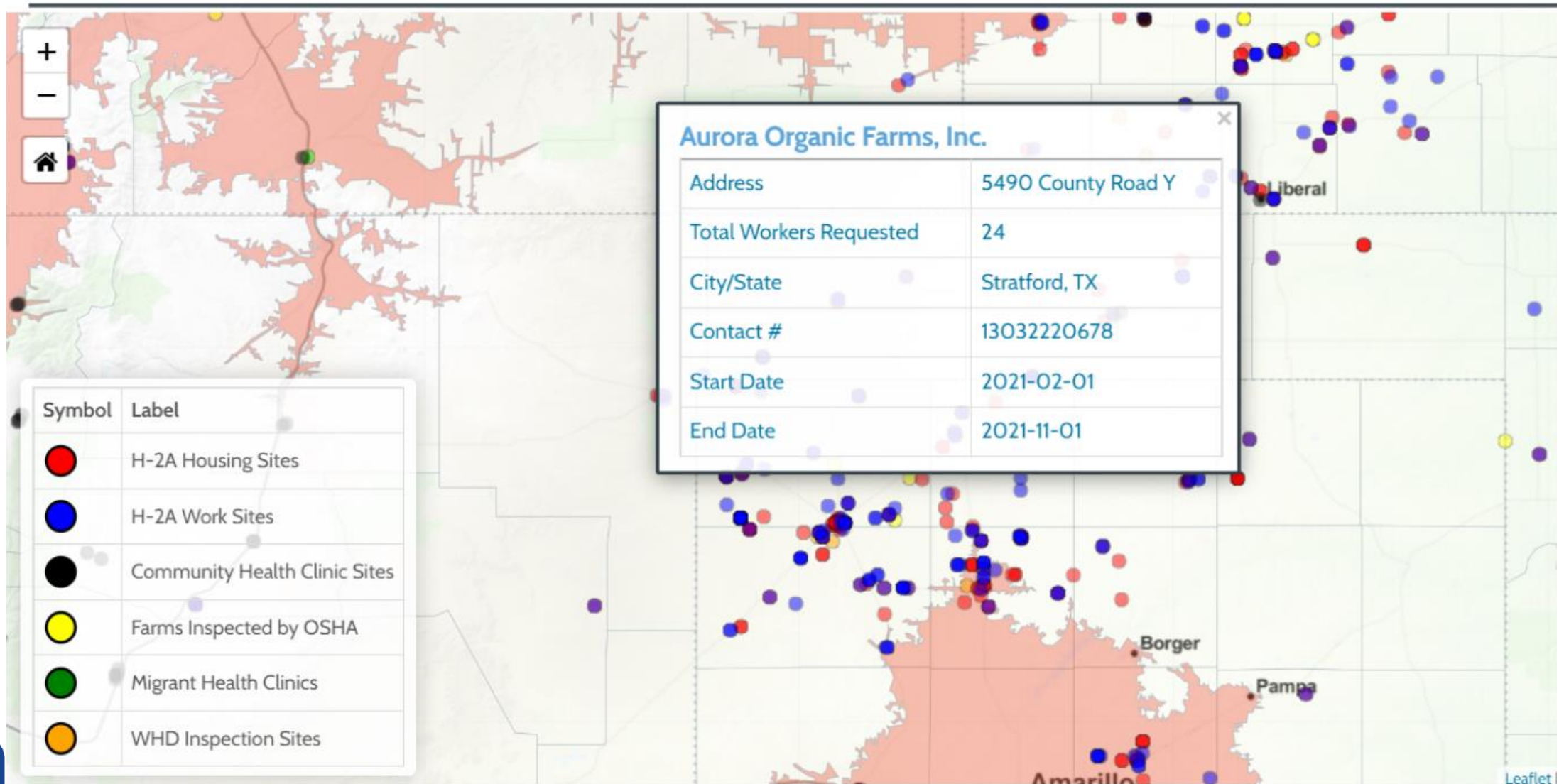
H-2A Guestworkers Present by Month



H-2A Guestworkers Arrivals by Month



Farm Labor Data Dashboard: Local-level view



Assessment of mobility patterns of farmworkers in the U.S. and Mexico

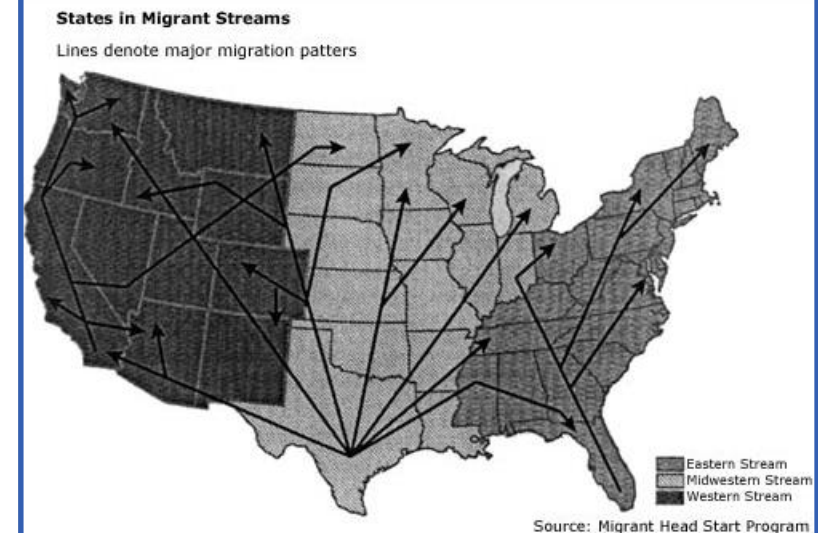
■ Project objective:

- Document best current evidence on farmworkers' mobility patterns (e.g., origin, destination, travel routes)

■ Methodology

- Conducted by U.S. and Mexico expert teams
- Analysis of existing data sources
- Key informant interviews
- Participatory mapping
- Upcoming publications (by September 2023)

Outdated and poorly documented migration maps from the 1970's



Partnership COVID-19 outreach & education activities: Impact (FY21 and FY22)

Activity	# of farmworkers and family members
Outreach & Education (digital or face-to-face)	1.3 million 60,000 H-2A workers
PPE and hygiene items distributed (e.g., masks, hand sanitizers)	900,000
COVID-19 vaccine doses	108,000



Photo source: NCFH

PPE = personal protective equipment

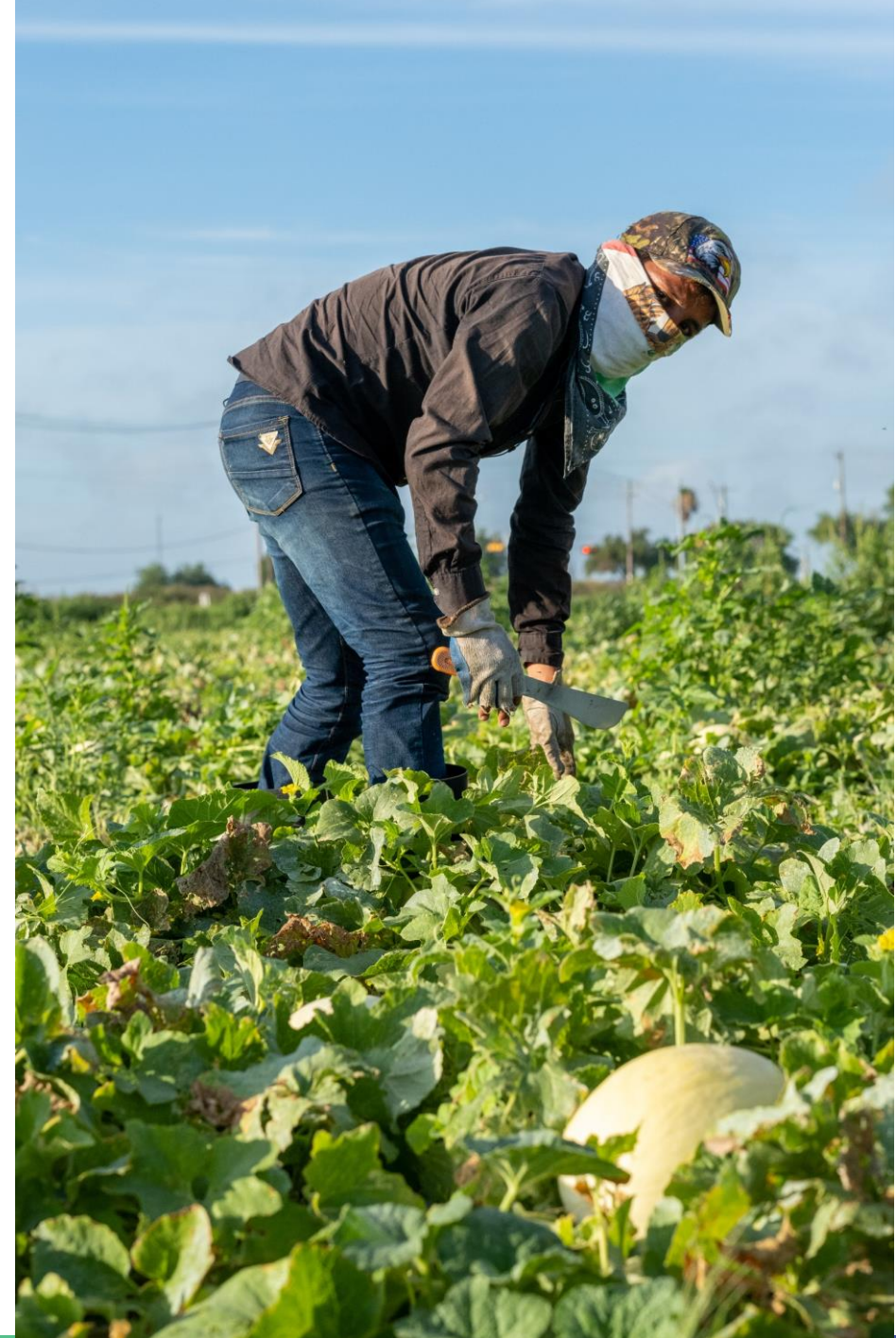
The way forward

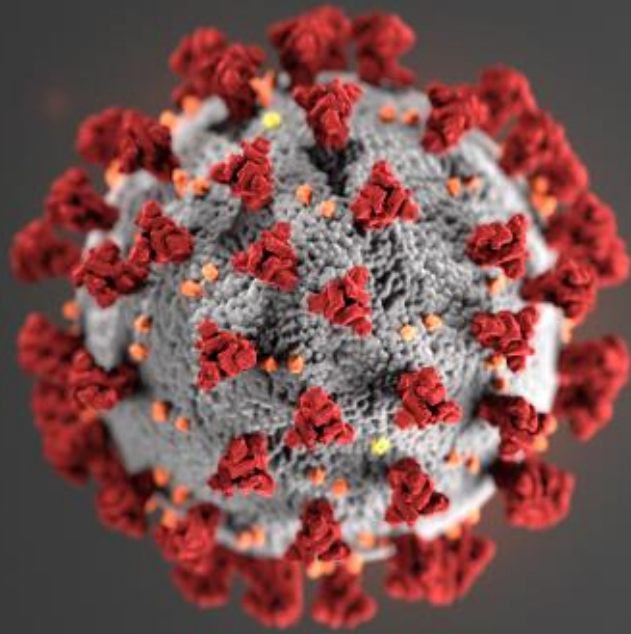
- **Strengthen and expand** the national network
 - Further **engagement with employers, local health jurisdictions, and farmworker coalitions**
- **Build sustainability** (financial and technical support)
- **Address data gaps**
- **Expand** to other emerging disease issues, environmental disasters, and prepare for future public health emergencies



Acknowledgements

- NCFH project staff
- Staff from network partner organizations
- CDC and other federal and state colleagues
- **Farmworkers and their family members**





For more information, contact CDC

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The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

