

COVID-19 Contact Tracing in Navajo Nation

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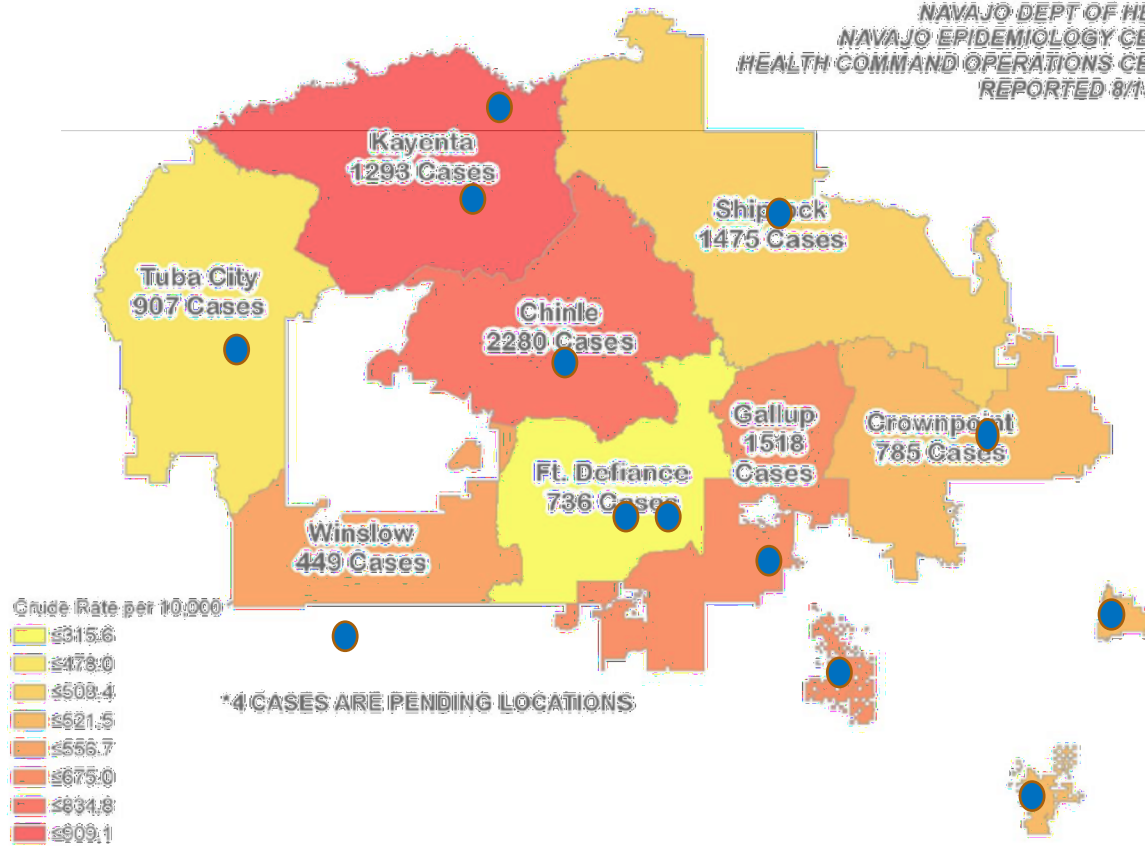
PORTLAND AREA ECHO

AUGUST 26, 2020



Map 1. Navajo Nation Cases by Service Unit or Tribal Organization

NAVAJO NATION COVID-19 CASES
 NAVAJO DEPT OF HEALTH
 NAVAJO EPIDEMIOLOGY CENTER
 HEALTH COMMAND OPERATIONS CENTER
 REPORTED 8/15/2020



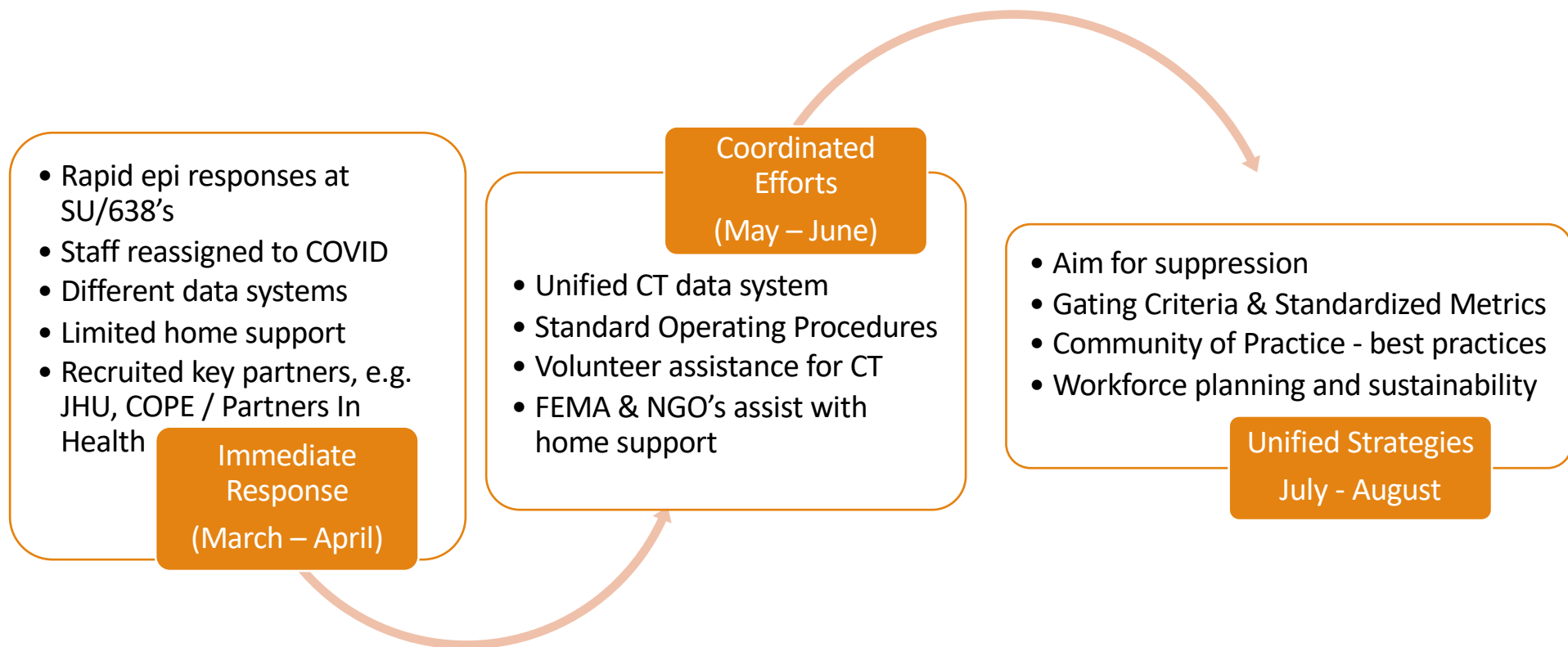
Navajo Nation

- 3 states (NM, AZ, UT)
- 2 IHS regions (Navajo, ABQ)
- 13 Navajo healthcare organizations (federal and 638)

COVID Unified Command

- NAIHS + 638 + Navajo DOH
- Medical and PH branches
- Close coordination with Navajo Leadership (President Nez)

Navajo Nation Contact Tracing Response



Core elements of Navajo Nation COVID-19 Public Health Response

Navajo Nation Health Command - Public Health Emergency Orders

Public Health Ops

Medical Ops

Epidemiology

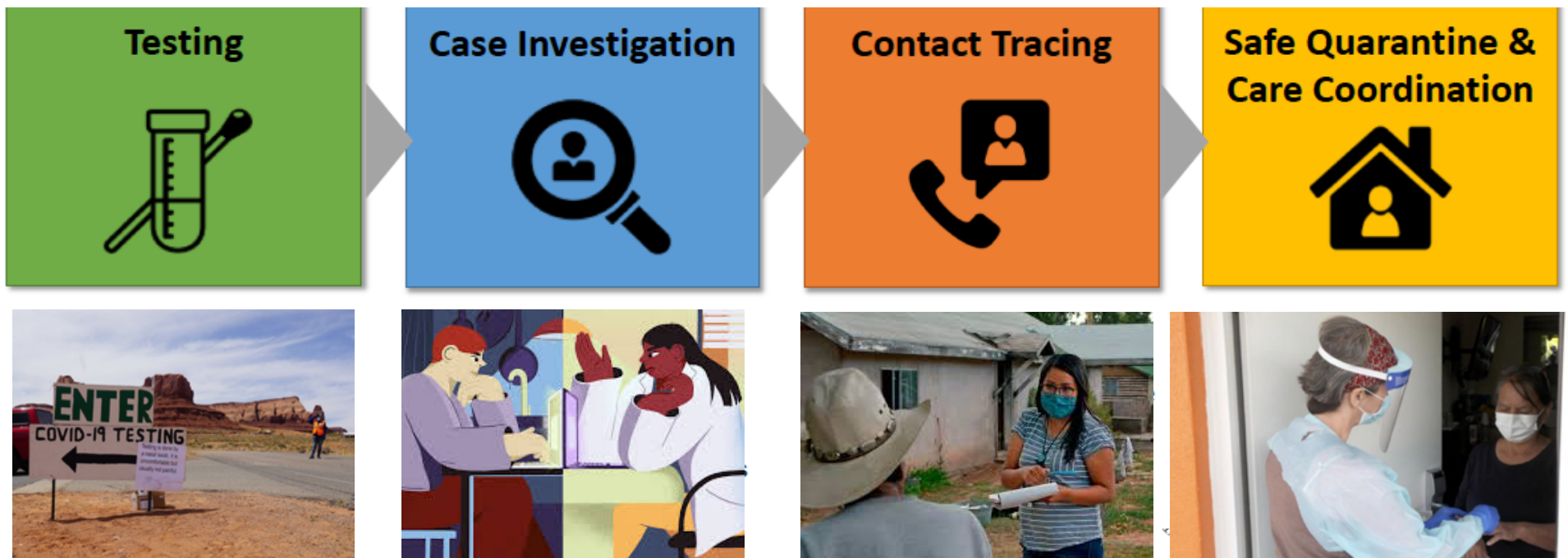
Case Management

Public Health Messaging

Community Mitigation

Isolation facilities

Navajo Nation Case Management Strategies / Teams



Expanded Contact Tracing - Progress to date



Contact Tracing Volunteer program

- Diné and regional public health students
- Training, certification, quality assurance

Site support

- Team integration on CommCare
- Case Management huddles
- Team / 1:1 check-ins

Transition to sustainable workforce

- Certification & work study opportunities
- Paid workforce

Expanded Contact Tracing

Strategic Goals

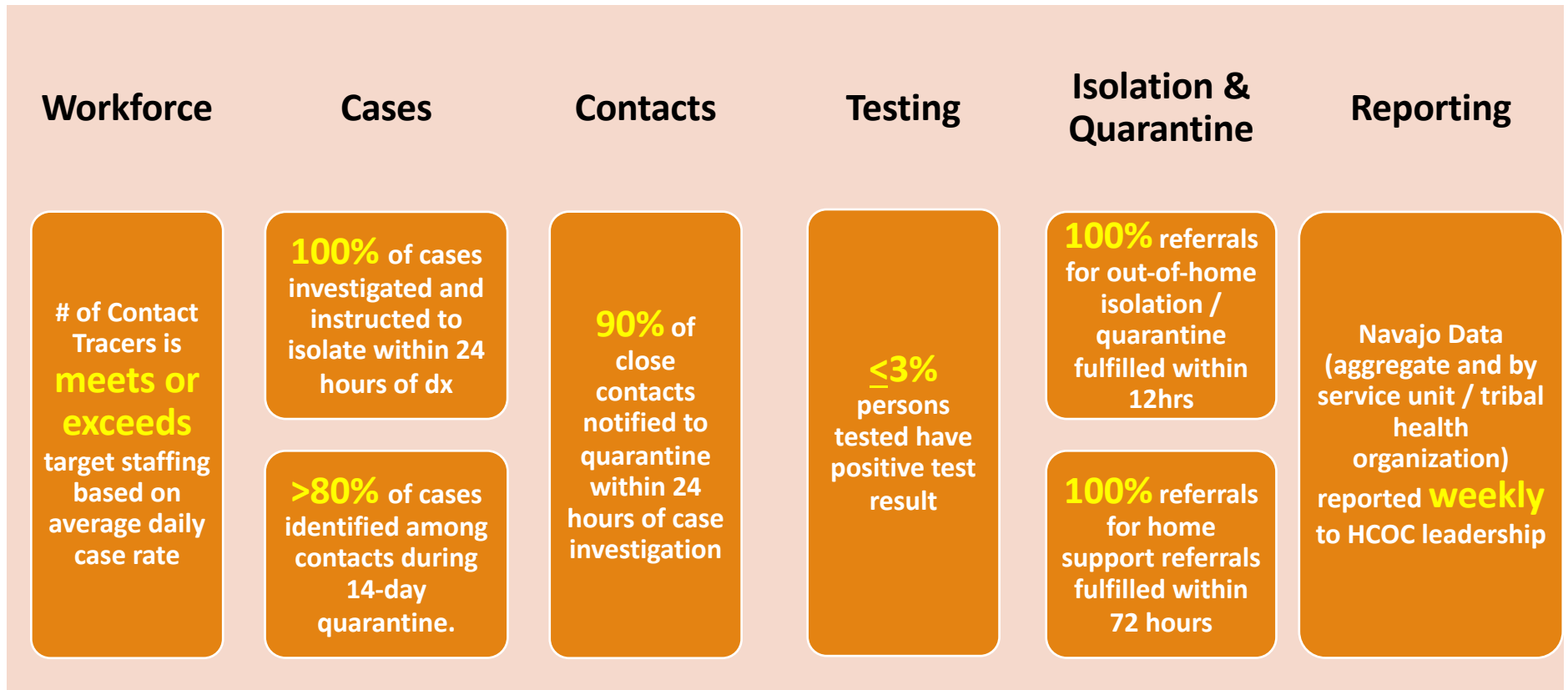


Unified
data and
workforce
system

Flexible
and
responsive
team

Long-term
public
health
capacity in
Navajo
Nation

Case Management Metrics



A graphic announcement for the Navajo Reopening. The background is a photograph of a desert landscape with red rock mountains and a bronze statue of a Navajo warrior. The word "NAVAJO" is written in large, bold, white capital letters, centered horizontally. Below it, the word "REOPENING" is written in smaller, bold, white capital letters. The text is overlaid on a white silhouette of the state of Arizona. At the bottom left, the reopening date is listed in white capital letters. The entire graphic is set against a dark orange background at the bottom.

NAVAJO

REOPENING

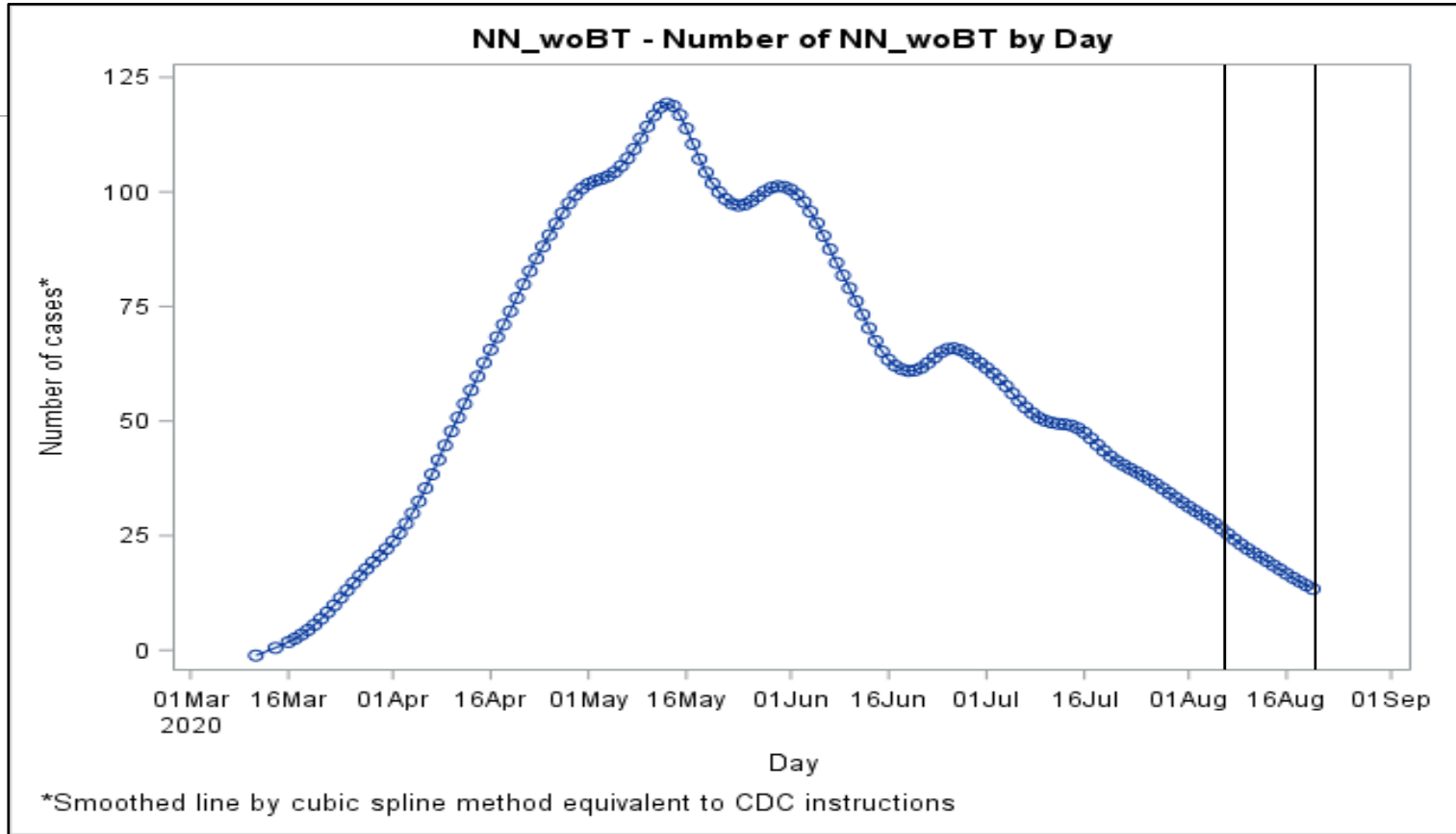
REOPENING DATE: AUGUST 17, 2020

Gating Measures and Indicators

	Phase 0	Phase 1	Phase 2	Phase 3
Cases				
Downward trajectory		Downward trajectory	Downward trajectory and no evidence of sustained rebound	Downward trajectory and no evidence of sustained rebound
Average daily number of new cases per 100000 population over the last 14 days	≥25 cases per 100K	10-24 cases per 100K	1-9 cases per 100K	<1 cases per 100K
Testing	>10%	*Percentage of positive tests equal to or less than 7-10%.	*Percentage of positive tests equal to or less than 4-6%	*Percentage of positive tests equal to or less than ≤3%
Hospital Capacity		Inpatient or ICU beds <80%	Inpatient and ICU beds <75%	Inpatient and ICU beds <70%
Public Health Capacity	5 contact tracers/daily new case**	5 contact tracers/daily new case**	5 contact tracers/daily new case**	30 contact tracers/100,000 population**
Disease Spread	Extensive Community Spread Disease Risk High	Substantial Community Spread Disease Risk High	Minimal to Moderate Community Spread Disease Risk Moderate	Zero to Minimal Community Spread Disease Risk Low
Recommended Control Effort to Reduce Spread	Shelter in place	Aggressive	Moderate	Baseline

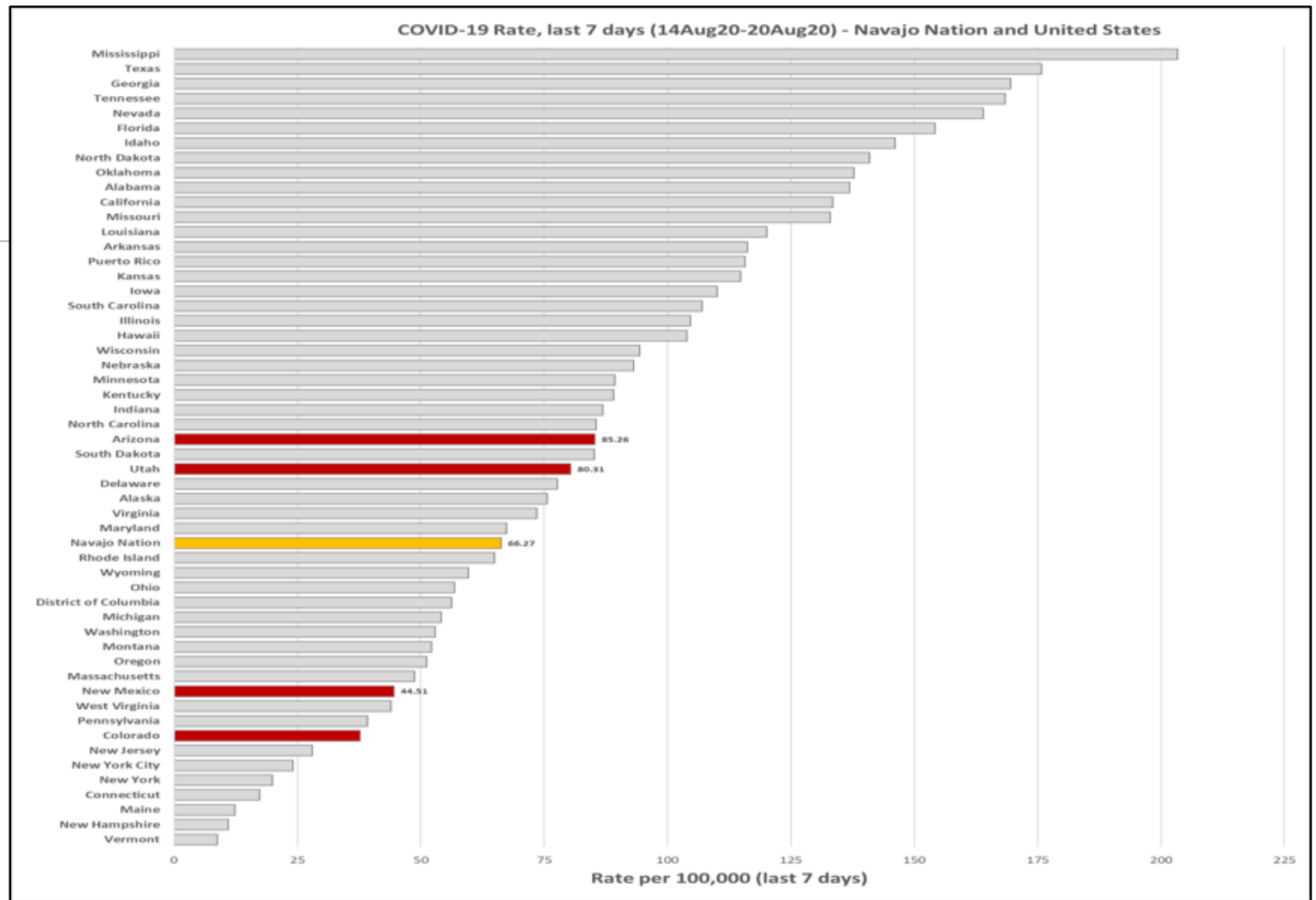
*Gating Threshold Ver 3.0. Analysis are completed over a 14 day period and there is a 3 week assessment time after each transition

Cases – Is there a 14 day downward trajectory ?



Cases – Incidence

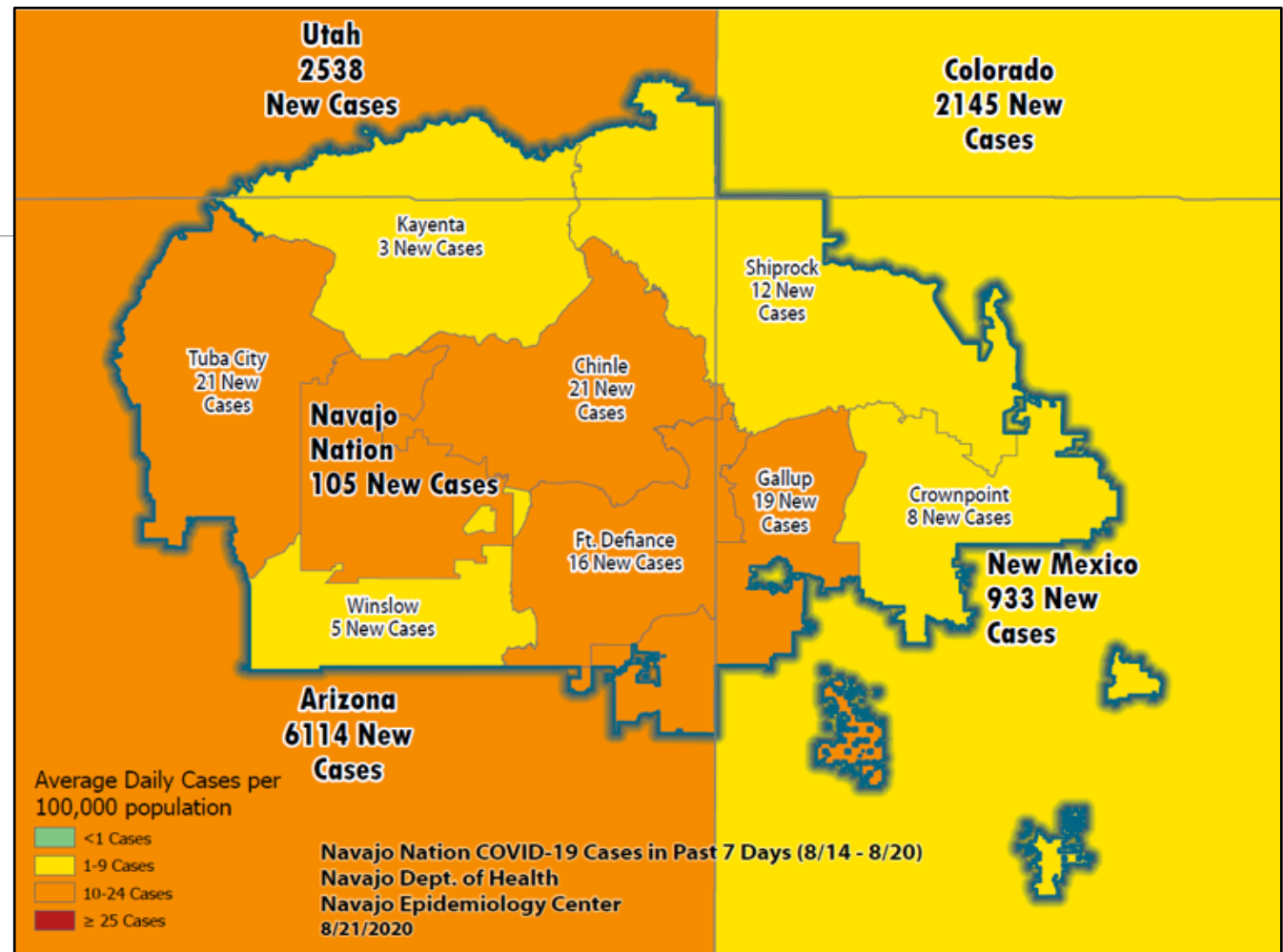
Navajo Nation has moved from 20th rank to 34th rank



Interpretation: The Navajo Nation COVID-19 7-day incidence rate in comparison to state-level rates across the United States. The Navajo Nation's rate is 66.27/100,000 persons, which is 34th highest compared to states. State-level data were obtained from CDC on August 20, 2020 via: <https://www.cdc.gov/covid-data-tracker/index.html#cases>.

Cases – Incidence

There were **11** Average Daily Cases per 100,000 population over the last 14 days for Navajo Nation.





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Acknowledgements and Disclaimers

The opinions expressed in this presentation do not necessarily reflect the official views and policies of the Department of Health and Human Services, and the Indian Health Service, nor does the mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.

Disclosures:

Dr. Moses serves as the HCOC Case Management Lead for Navajo Nation and is the Director of Public Health at the Chinle Service Unit

Dr. Shin serves as HCOC Contact Tracing Lead for Navajo Nation, the Director of Research for the 501(c)3 organization, COPE, and is an IHS employee at Gallup Indian Medical Center.

Ahéhee'
To all of our partners!