

# Nebraska's Collaborative COVID-19 effort: A Public-Private Partnership

- Ability to forecast & “hotspot” to understand community spread
- Real-time data on laboratory testing with accurate insights to numerator/denominator
- Real-time insights into hospitalizations due to COVID-19
- Understand the recovery disposition



# Success:

Our Data sharing %

# Challenges:

- Please stop faxing
- Rural- small N's
- Ambulatory space
- “Connectedness” of LTPAC

## NEHII DATA-SHARING

- General acute hospitals: 20
- Critical access hospitals: 44
- Children's hospitals: 2
- Clinic/ambulatory: 153
- Specialty hospitals: 2


## NON-DATA SHARING

- General acute hospitals: 1
- Critical access hospitals: 20
- Clinic/Ambulatory Sites: ~1500

## LONG-TERM POST-ACUTE CARE

- 217 facilities in Nebraska
- 22 Live with NEHII



A photograph of a laptop keyboard and a printed document with charts. The document features a stacked bar chart and a line chart. The stacked bar chart has three series: Receipts (yellow), Sales (teal), and Orders (red). The line chart has two series: a green line and a red line. The x-axis for both charts shows months from February to November.

# Near-Term & Long-Term Goals

## DATA-SHARING PRIORITY

- Focus on Public-Private Partnerships
- Statewide convening
- “All-in” collaboration
- The ambulatory space- testing happens here
- Patient identity measures
- Single Source of Truth- Dashboard

## STATEWIDE EFFORTS

- HIE & PDMP is public health infrastructure
- Contextualize the need & abilities to communities
- County health departments
- Emergency management use case

# Availability of Bed Utilization and Analysis Impact of COVID 19

TOTAL AVAILABLE BEDS												
3,594 Total Staffed Beds			1,205 Total Occupied Beds			2,389 Total Beds Available			33.53% Percentage Occupied			

OCCUPANCY BY HOSPITAL												
HOSPITAL NAME	Overall				ICU				ER			
	Total Staffed Beds	Total Occupied Beds	Total Beds Available	Percentage Occupied	Total ICU Beds	Total ICU Beds Occupied	Total ICU Beds Available	Percentage Occupied ICU	Total ER Beds	Total ER Beds Occupied	Total ER Beds Available	Percentage Occupied ER

# Real-time ADT Information & Evolve to Recovery

OVERALL ADMITS & DISCHARGES(04/09/2020)

349

IP Admits

302

IP Discharges

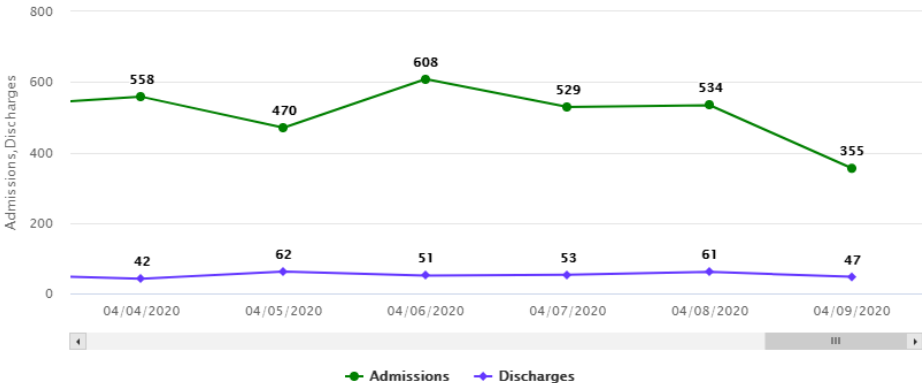
355

ED Admits

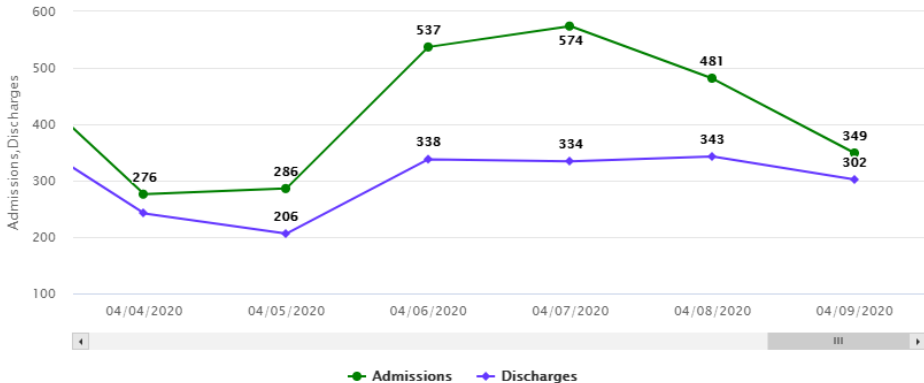
47

ED Discharges

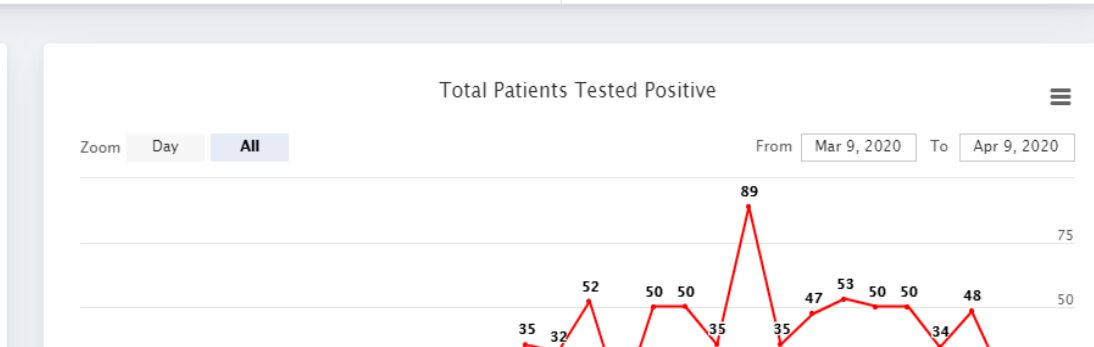
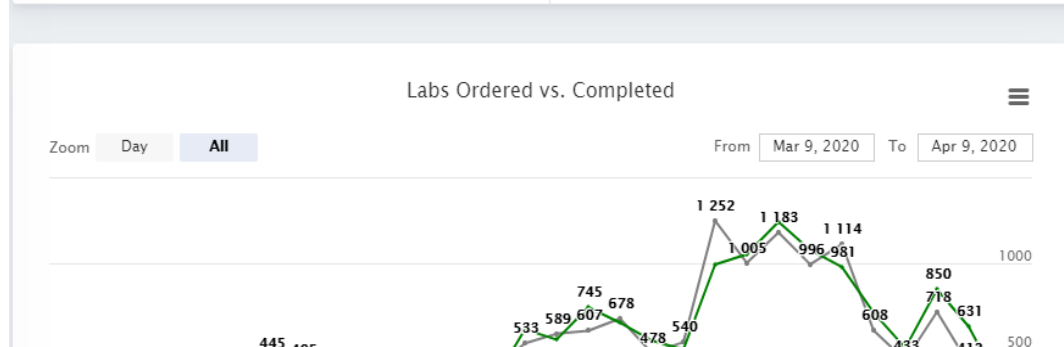
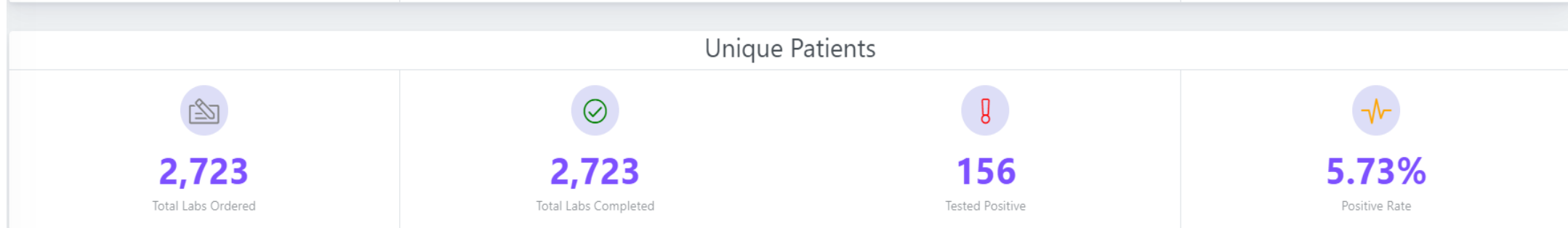
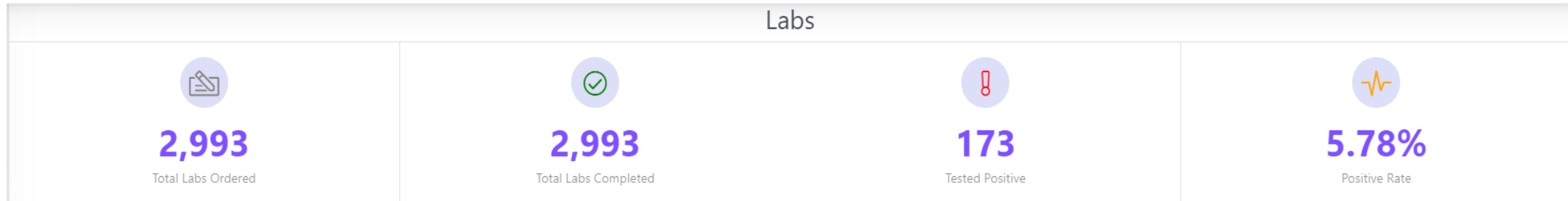
Emergency Department



Inpatient



# Accuracy of Numerator/Denominator



## **A robust network is foundational to population health.**

The primary mission of an HIE/HIN/HIO is to ensure the data is available to patient and provider at the right time to improve health outcomes, minimize service duplication, length of stay, avoidable admissions and minimize the economic burden of health care on individuals, employers, communities and states.



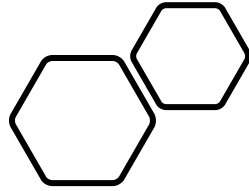
## **A Community & National Effort**

To succeed as an infrastructure, every HIE/HIN/HIO-population health utility requires a team of individuals dedicated to public/private partnership consisting of community leaders and state-based Medicaid and State Public Health leadership & Federal partners.

# What can ONC focus on?

- State & Regional Networks- beyond hospitals
- LTPAC, Ambulatory, Laboratory Connectedness
- **More** focus on data standards
- Big data approaches to networks- ie regional networks/movement- we see more movement between COEs than national movement
- Do an after action review, what were the chasms preventing access to data and connectedness

# Questions



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