

# Our Responsibility to Follow Through

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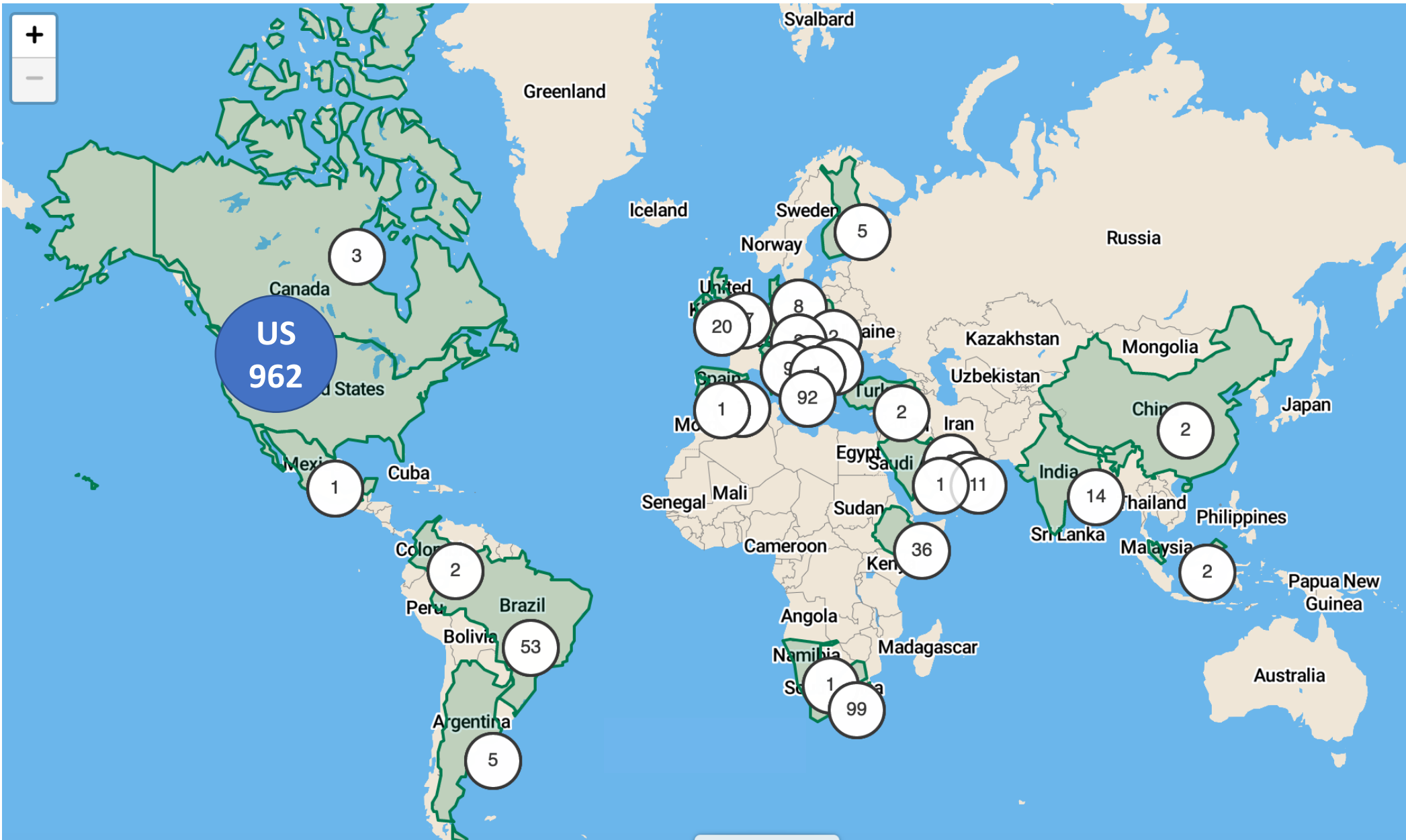
University of Vermont

# Vision

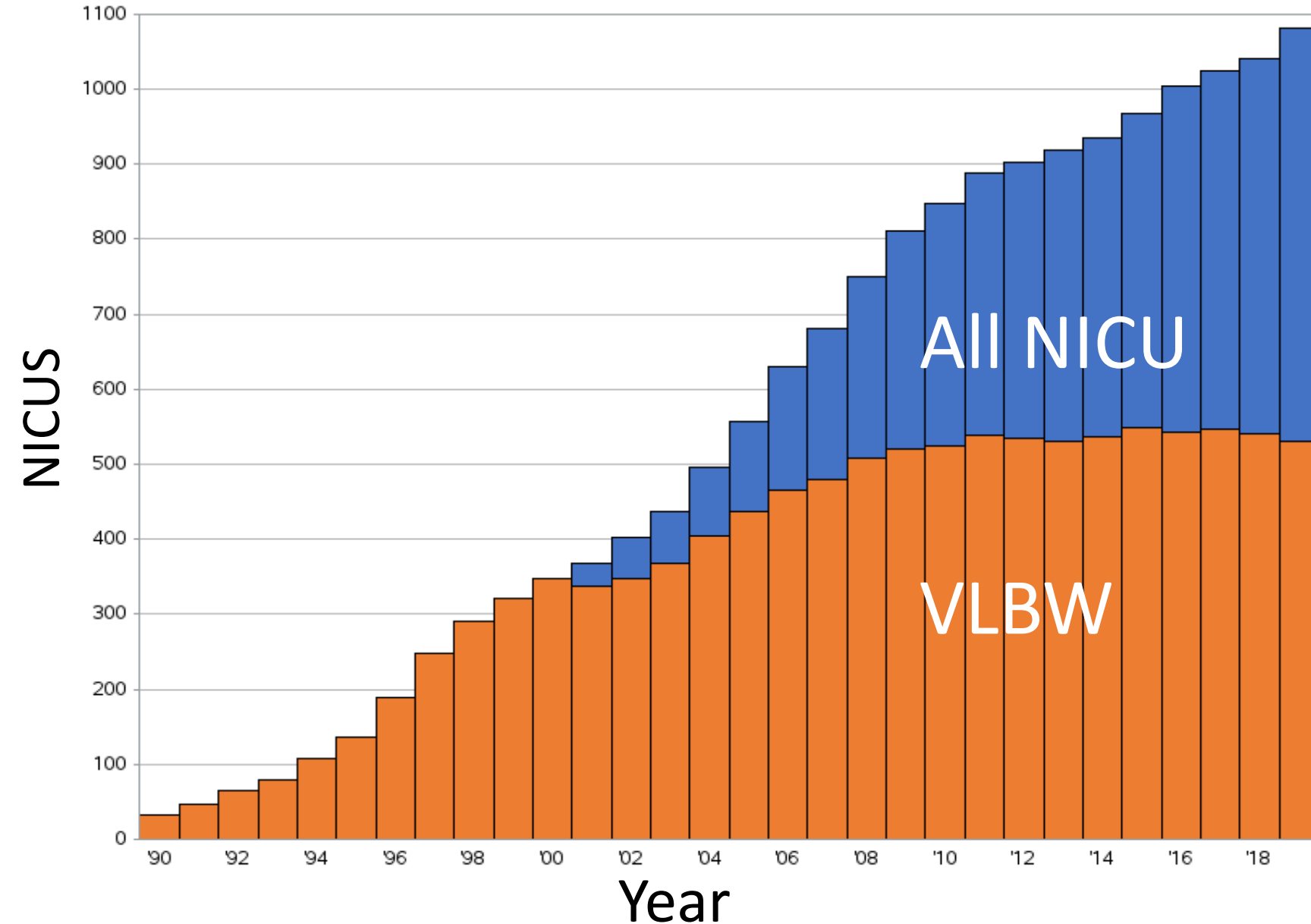
A worldwide community dedicated to making sure that every newborn and family achieves their fullest potential

A world map illustrating the distribution of COVID-19 cases by country. The size of the circles represents the number of cases, and the color of the circles corresponds to the number of cases (e.g., blue for 962, green for 53, yellow for 36, etc.). The map includes a zoom control in the top left corner.

Country	Number of Cases
US	962
Brazil	53
India	14
United Kingdom	20
France	11
Spain	92
Italy	8
Germany	7
Sweden	5
Canada	3
Mexico	1
Cuba	1
Colombia	2
Peru	2
Bolivia	2
Argentina	5
Senegal	1
Mali	1
Sudan	1
Cameroon	1
Kenya	36
Angola	1
Namibia	1
South Africa	99
Madagascar	1
Egypt	2
Saudi Arabia	1
Iran	2
Turkey	2
Uzbekistan	2
Kazakhstan	2
Mongolia	2
China	2
Japan	2
Philippines	2
Malaysia	2
Sri Lanka	14
Thailand	2
Papua New Guinea	2
Australia	2



# Vermont Oxford Network Database



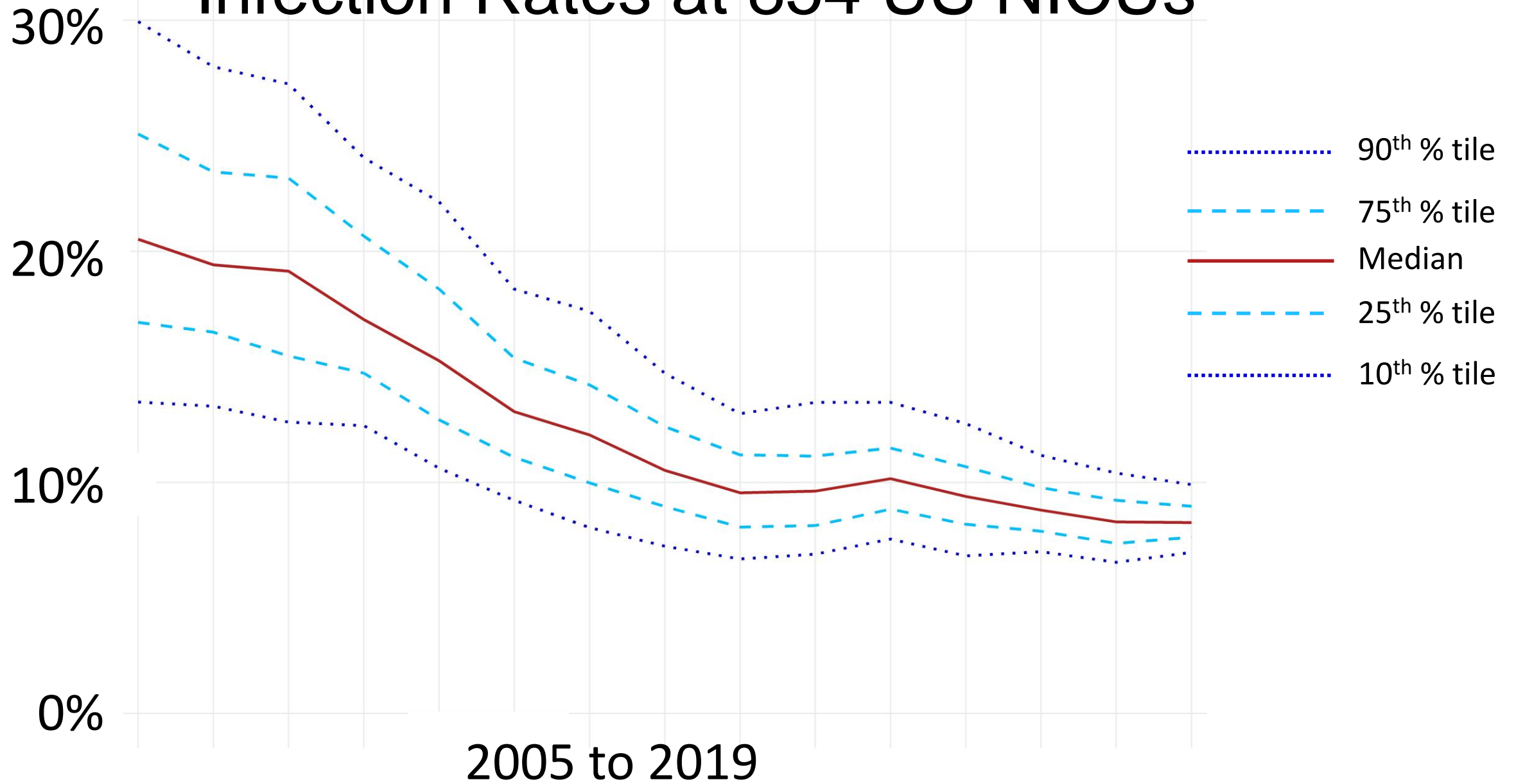
97% of Infants  
400 to 1499 gm  
Admitted to  
US NICUs

# Quality Improvement

Over 700 teams  
since 1995

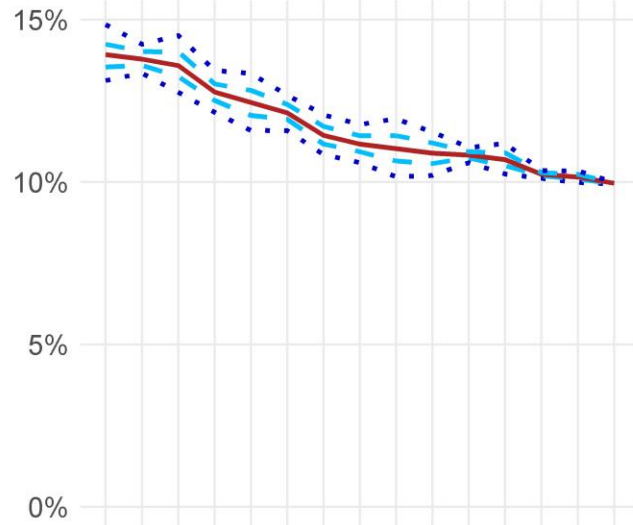


# Infection Rates at 854 US NICUs

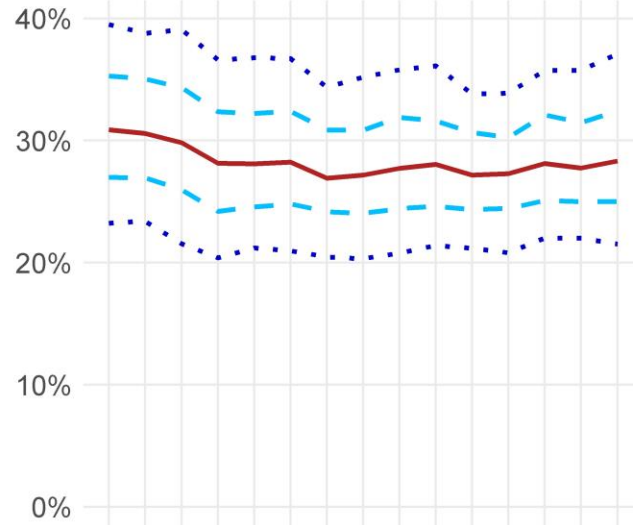


Updated from: Horbar JD, Edwards EM, Greenberg LT, et al. *JAMA Pediatrics* 2017

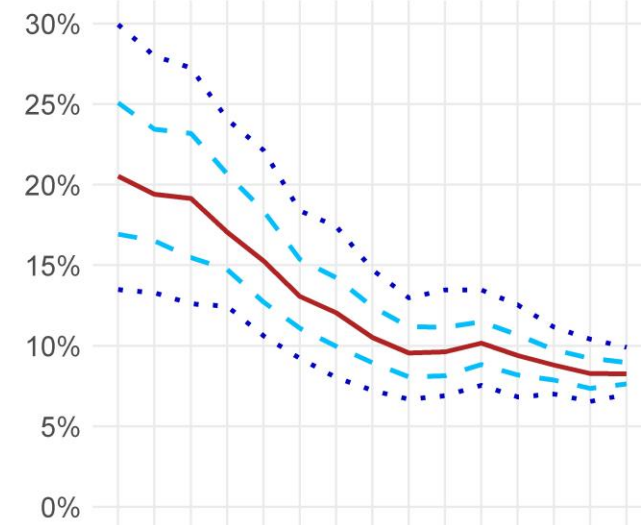
# Death



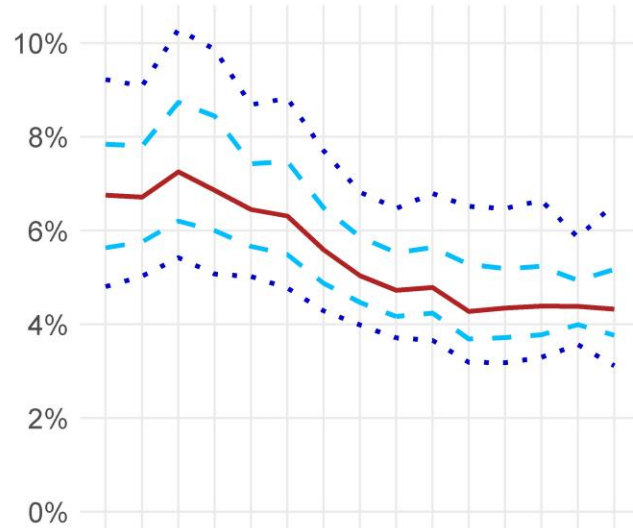
# CLD



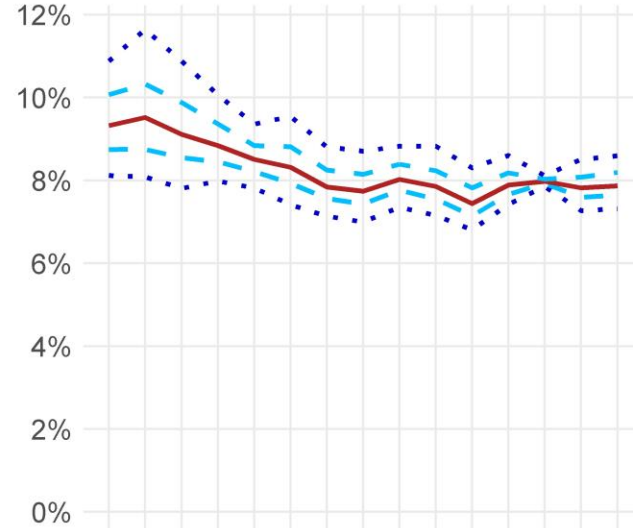
# Infection



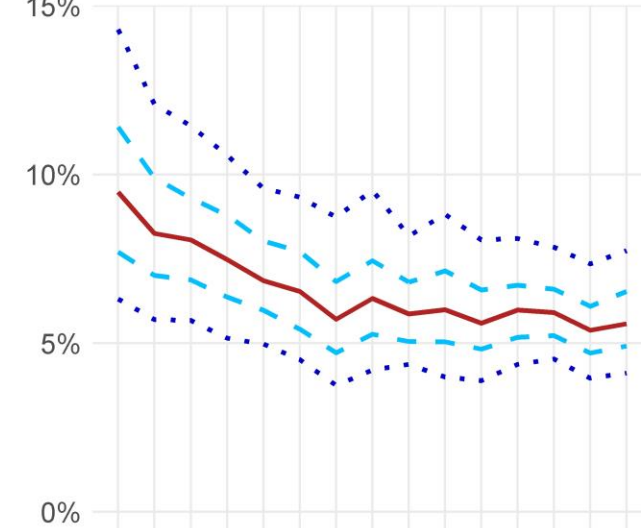
# NEC



# Severe IVH



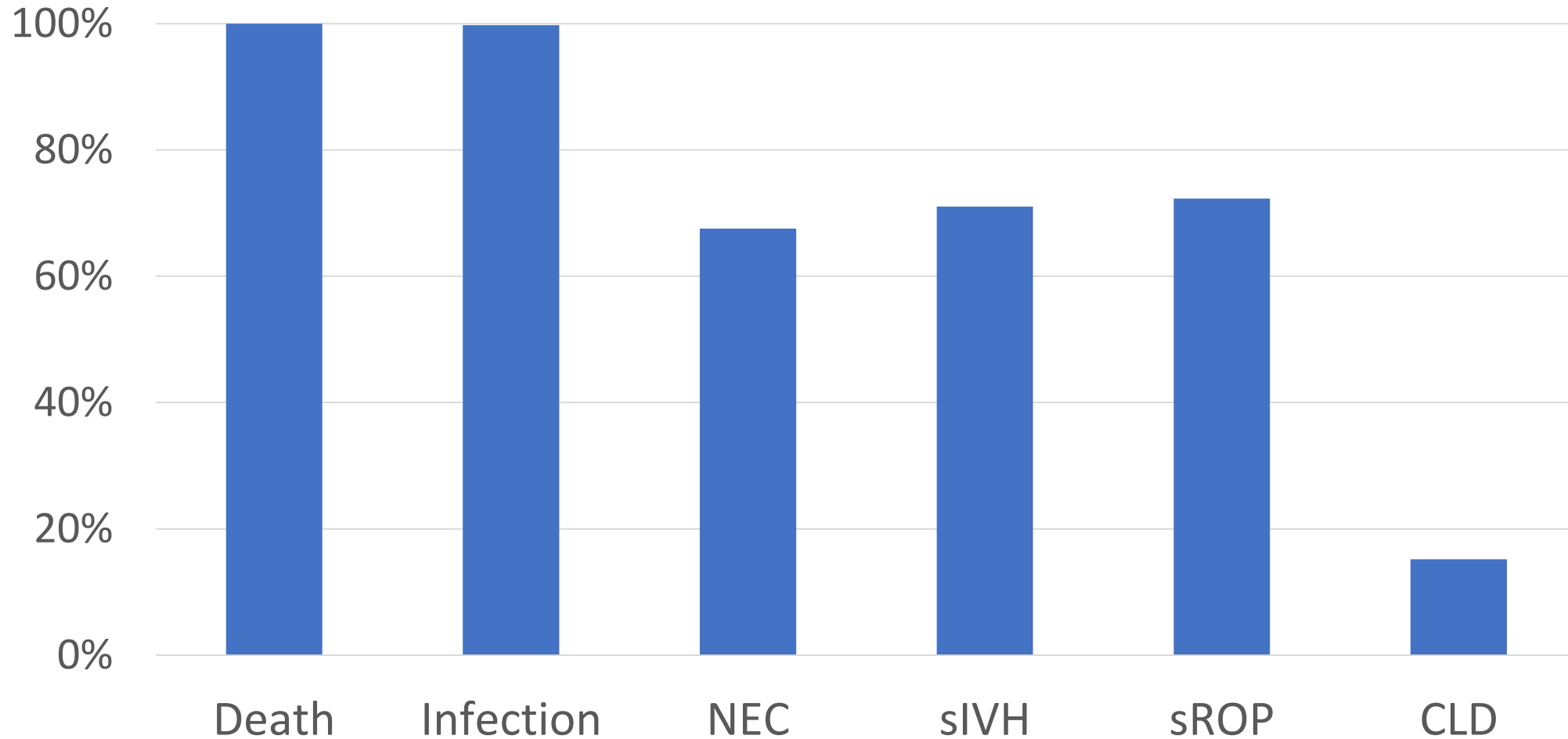
# Severe ROP



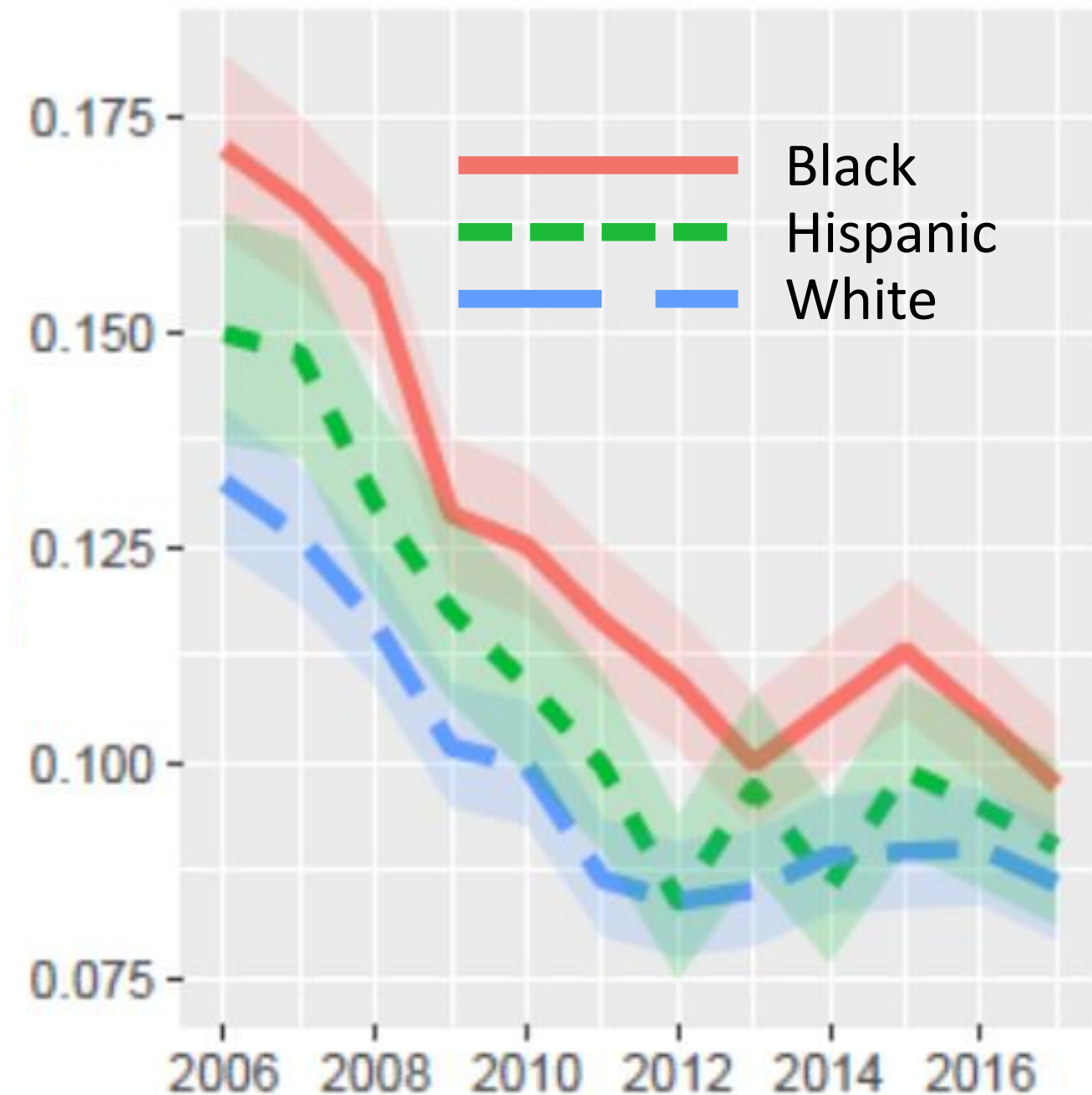
854 NICUs 614,140 VLBW Infants 2005 to 2019

What percentage of NICUs  
in 2019 have learned to achieve  
the best deciles from 2005?

# NICUS Achieving the 2005 Best Decile in 2019



Updated from: Horbar JD, Edwards EM, Greenberg LT, et al. *JAMA Pediatrics* 2017

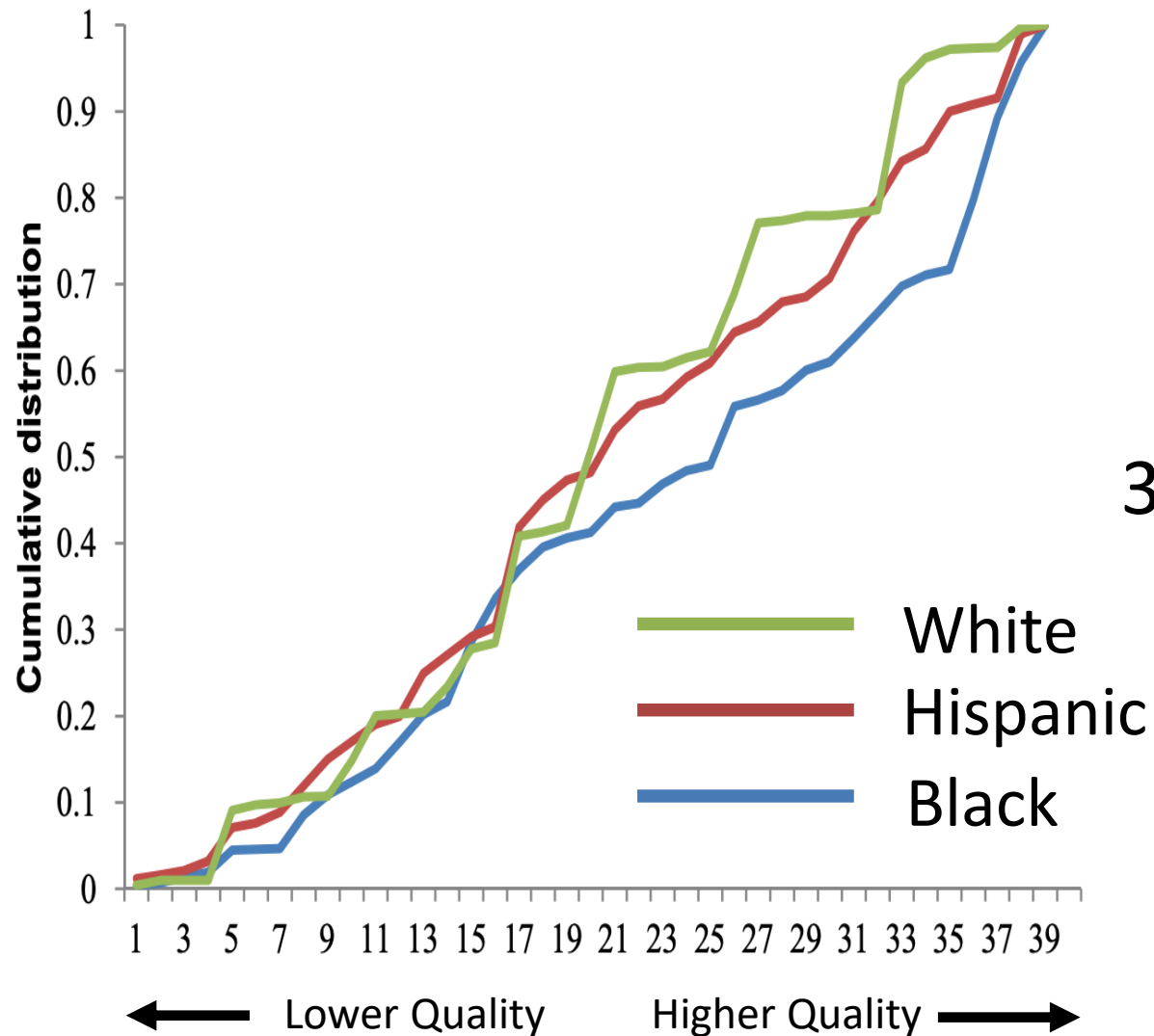


# Infection Rates By Race and Ethnicity Inborn Infants 789 US NICUs 2005 to 2017

Boghossian NS et al. Pediatrics September 2019

# Disparities in Mortality and Morbidity at 39 NYC Hospitals

## 7177 Infants 24 to 31 weeks



Birth Hospital Explained

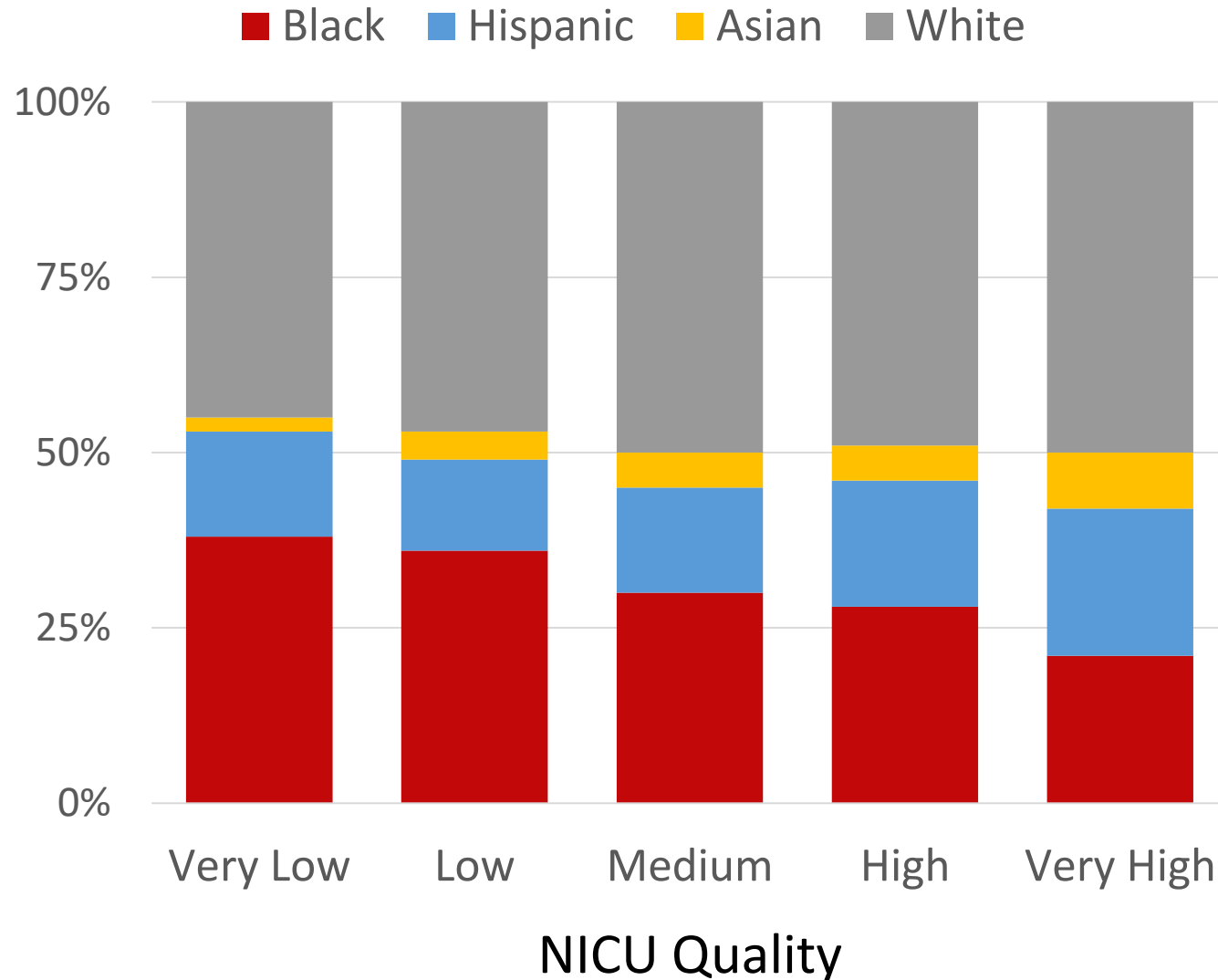
40% of the Black-White Disparity

30% of the Hispanic-White Disparity

Howell EA et al. *JAMA Pediatr* 2018

# Racial Segregation and Inequality at 743 US NICUs

## 117 982 VLBW Infants



Black infants concentrated  
at lower-quality NICUs.

Asian infants concentrated  
at higher-quality NICUs.

Horbar JD, Edwards EM, Greenberg LT, et al.  
JAMA Pediatr 2019

# Follow Through

## Responsibility Beyond the NICU Walls



Childhood  
experiences



Housing



Education



Social support



Family income



Employment



Our communities








Access to health  
services

Practice Social Not Just Technical Medicine

# 71 Potentially Better Practices For Follow Through

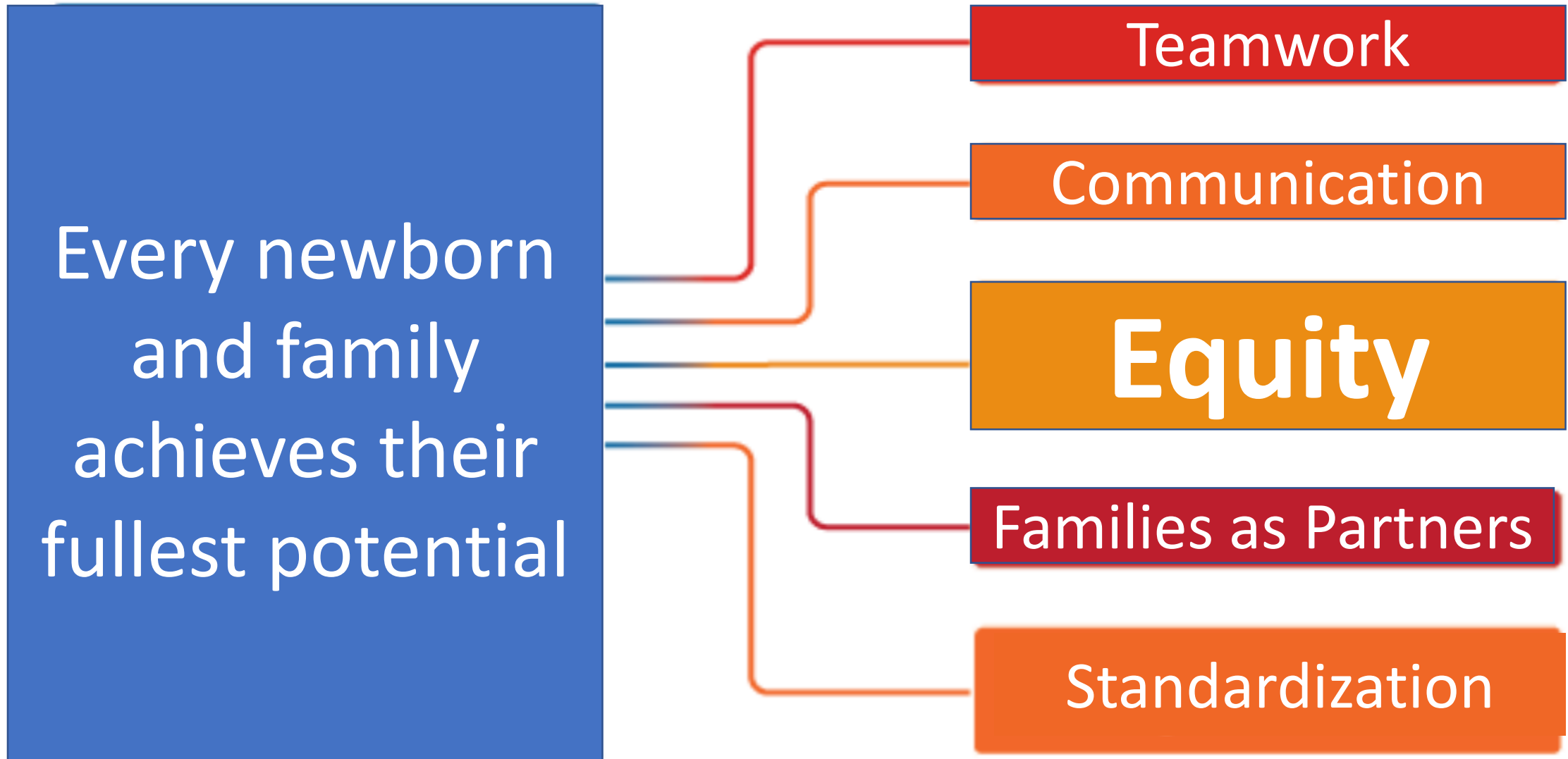
- Promote a culture of equity
- Identify, prevent and mitigate social risks of families
- Assist families after discharge (transition to home)
- Maintain support for families through infancy
- Develop quality improvement efforts to follow through
- Advocate for social justice

# Identify, Prevent and Mitigate Social Risks

I-HELP™		How Lawyers Can Help
Income & Insurance		Food stamps, disability benefits, cash assistance, health insurance
Housing & utilities		Eviction, housing conditions, housing vouchers, utility shut off
Education & Employment		Accommodation for disease and disability in education and employment settings
Legal status		Assistance with immigration status (e.g. asylum applications); Veteran discharge status upgrade; Criminal background expungement
Personal & family stability		Domestic violence, guardianship, child support, advanced directives, estate planning

[medical-legalpartnership.org](http://medical-legalpartnership.org)

# Quality Improvement for Follow Through



# Announcing Take Action to Follow Through

## Vermont Oxford Network Innovation Grants to Promote Health Equity



# Realizing Our Shared Vision By Accepting Our Responsibility To Follow Through

Every newborn and family achieves their  
fullest potential