

# 2015 Quality Improvement Summit

## Hospital Birth Registration Timeliness Improvement Project– 2014

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February 26, 2015



# BACKGROUND – Birth certificate

- Vital legal record that documents live birth
- Establishes legal identity, residence, citizenship
- Includes sociodemographic information
- Required for:
  - Obtaining essential benefits (eg. health insurance)
  - Entering school
  - Social security, passport, licenses

# BACKGROUND – Birth certificate



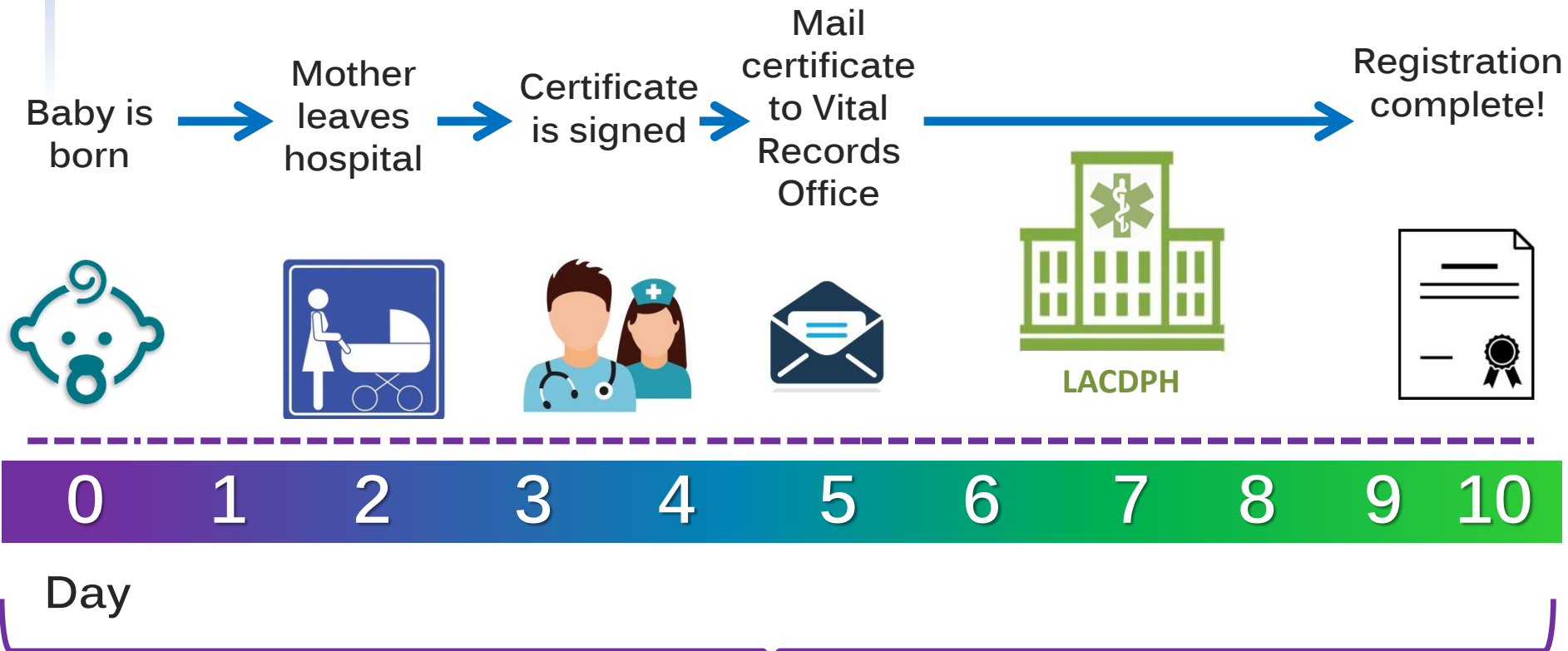
A 2010 billboard displayed in South Gate, California questioning the validity of President Obama's birth certificate.

## BACKGROUND – California law

“Each live birth shall be registered with the local registrar of births and deaths for the district in which the birth occurred within 10 days following the date of the event.”

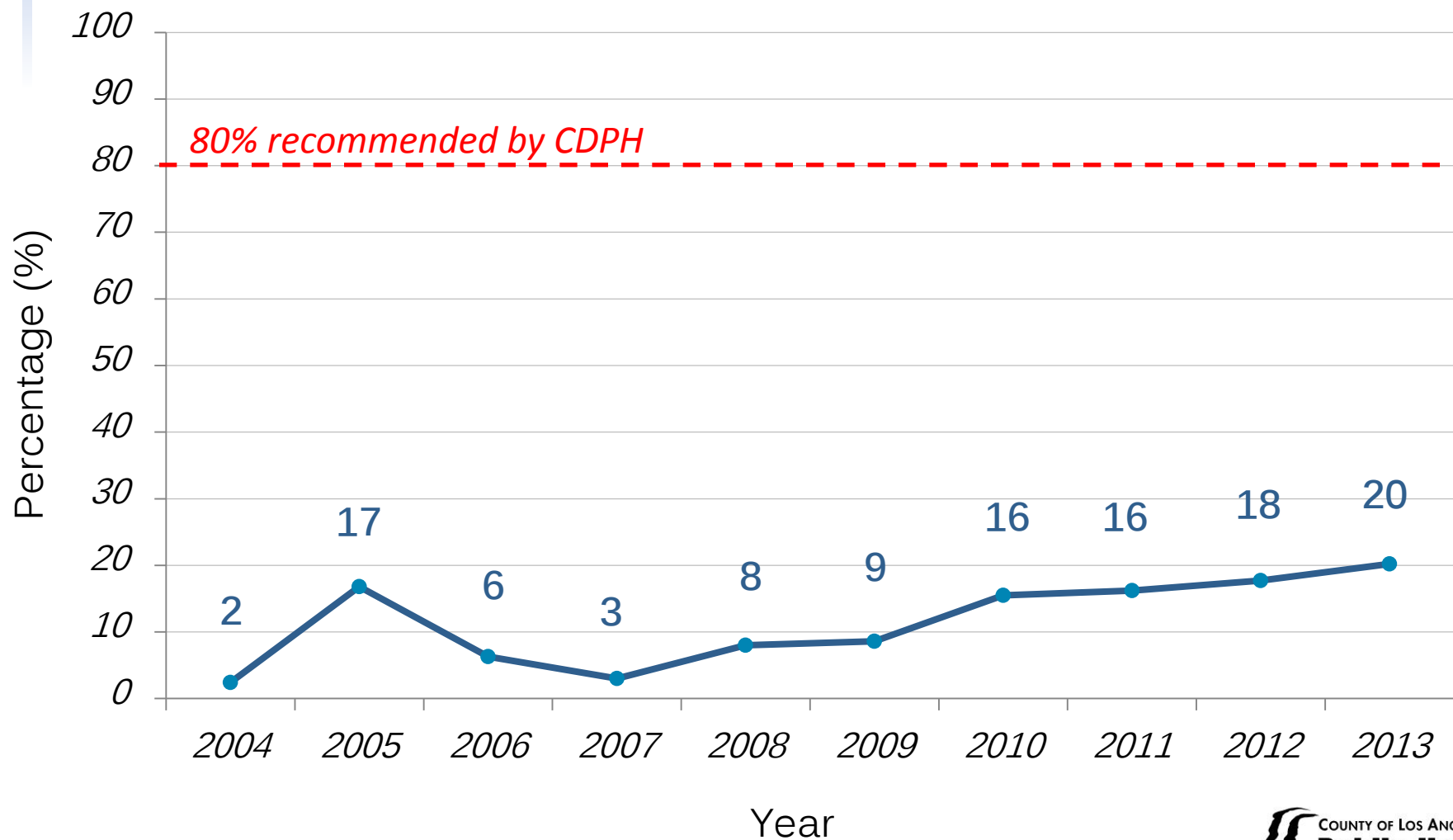
- *California Health and Safety Code, Chapter 3, Section 102400*

# INTRODUCTION – Ideal registration process

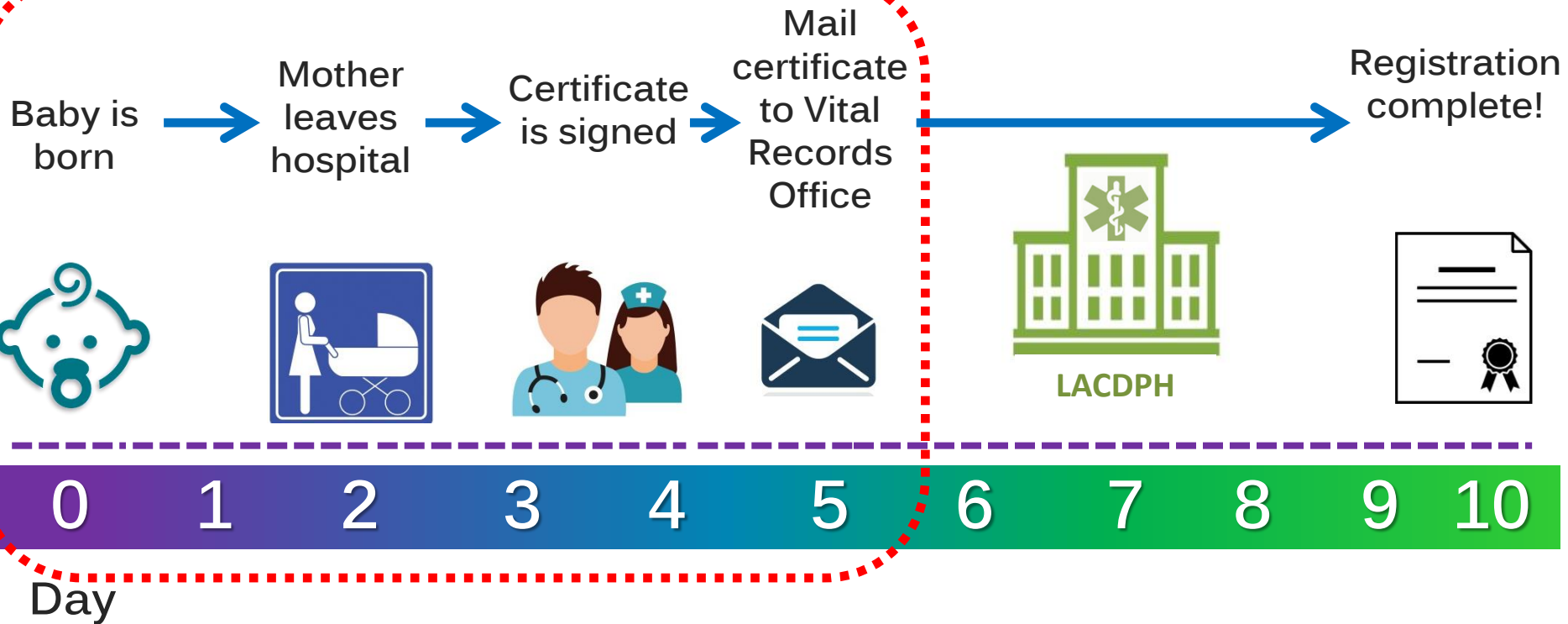


Each year, only 20% or less of LAC births are registered within 10 days

# Percentage of births registered within 10 days in LAC, 2004-2013



# PLAN – Hospital Birth Registration Timeliness Improvement Project



# PLAN – Hospital Birth Registration Timeliness Improvement Project

- Project Plan:
  - One-year intervention project to improve hospital timeliness in birth certificate submission to the Vital Records Office
  - Send 3 performance reports to each hospital with improvement recommendations:
    - Baseline
    - Follow-up
    - Final
  - Quarterly newsletters





# PLAN – Hospital Birth Registration Timeliness Improvement Project

- Measurement:
  - Percentage of birth certificates submitted by hospitals to Vital Records Office within 10 days
    - In 2013, **75%** of births submitted within 10 days countywide (baseline)
    - Goal: **90%** timeliness from each hospital in 2014
  - Data collection using Automated Vital Statistics System (AVSS)



# DO – Project timeline



**Feb 18:**  
Introduction  
letters mailed  
to all hospitals

**Mar 17:** Baseline  
performance reports  
sent (for 2013)

**Jul 28:** Follow-up  
performance  
reports sent

**Feb 9:** Final  
performance reports  
sent (for 2014)



Feb Mar April May June July Aug Sep Oct Nov Dec Jan Feb

**2014**

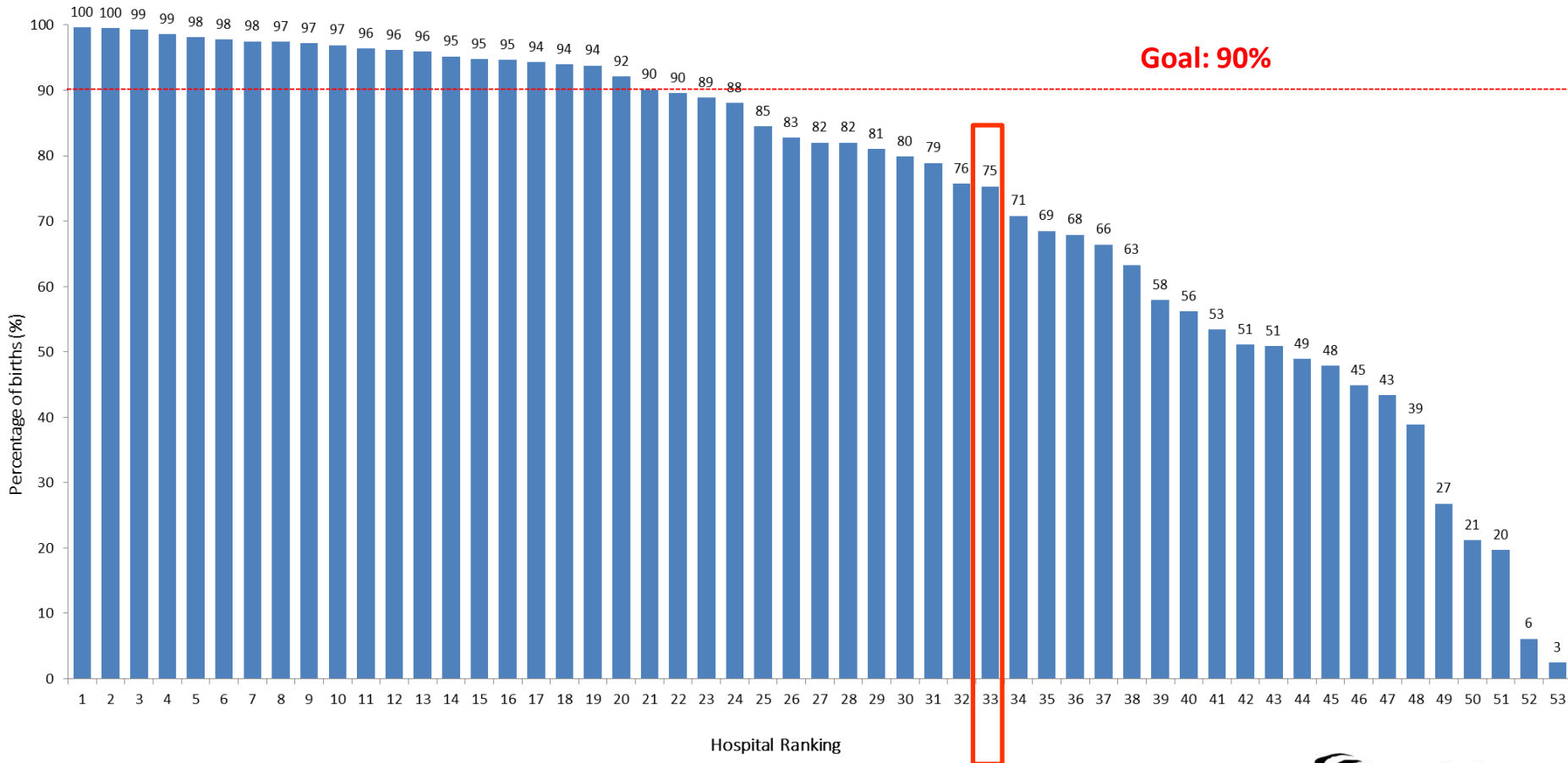
Monitoring of timeliness

Continued monitoring of timeliness

**2015**

# PERFORMANCE REPORTS – 2013 Hospital Rankings

Percentage of Births Submitted to the Vital Records Office within 10 days of Birth at All  
Los Angeles County Birthing Hospitals for 2013



Goal: 90%

**STUDY – Did we reach our goal?**

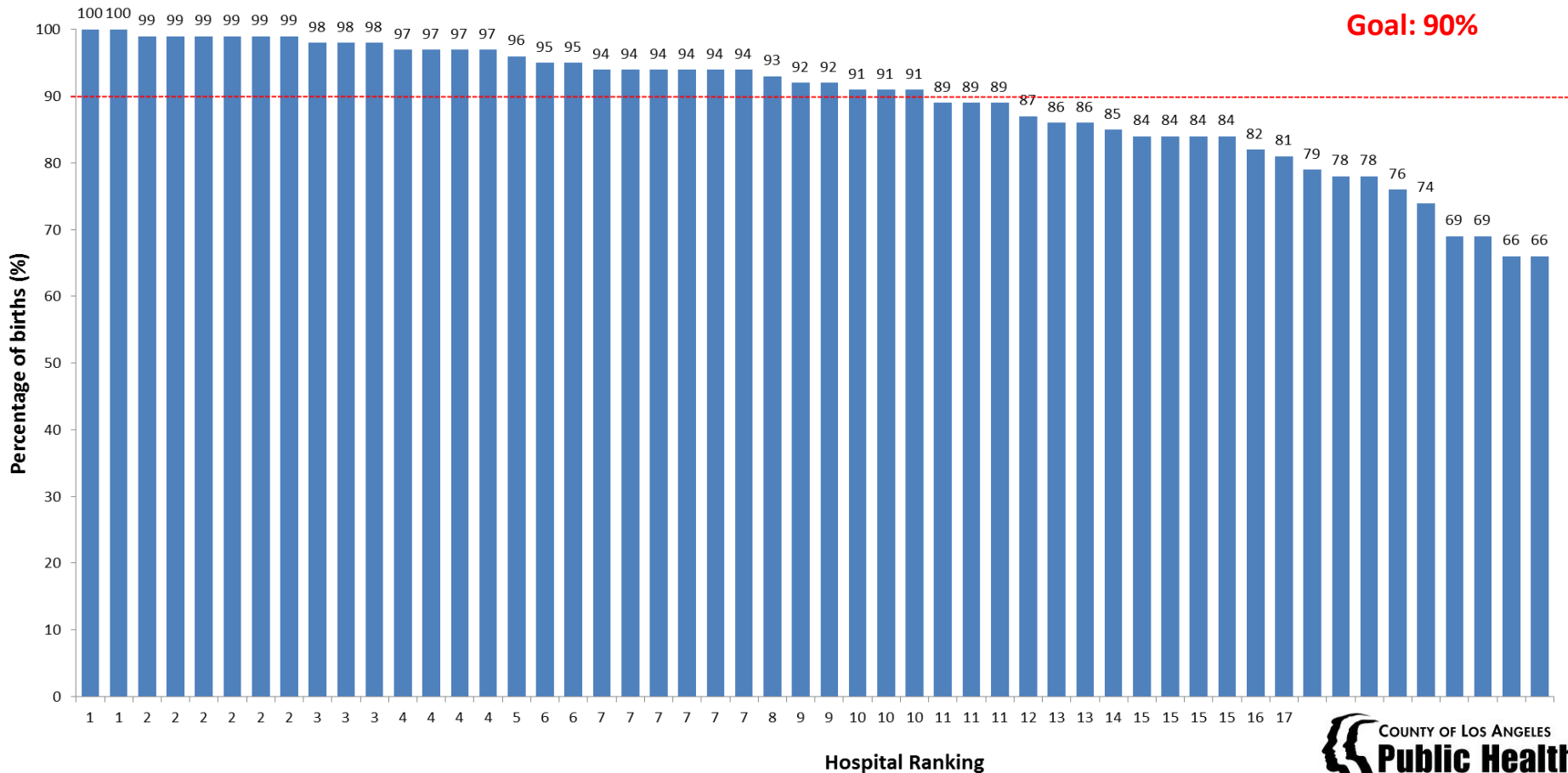
**Yes!**

**Countywide, hospitals submitted 90% of birth certificates to the Vital Records Office within 10 days in 2014.**

# STUDY – 2014 Hospital Rankings

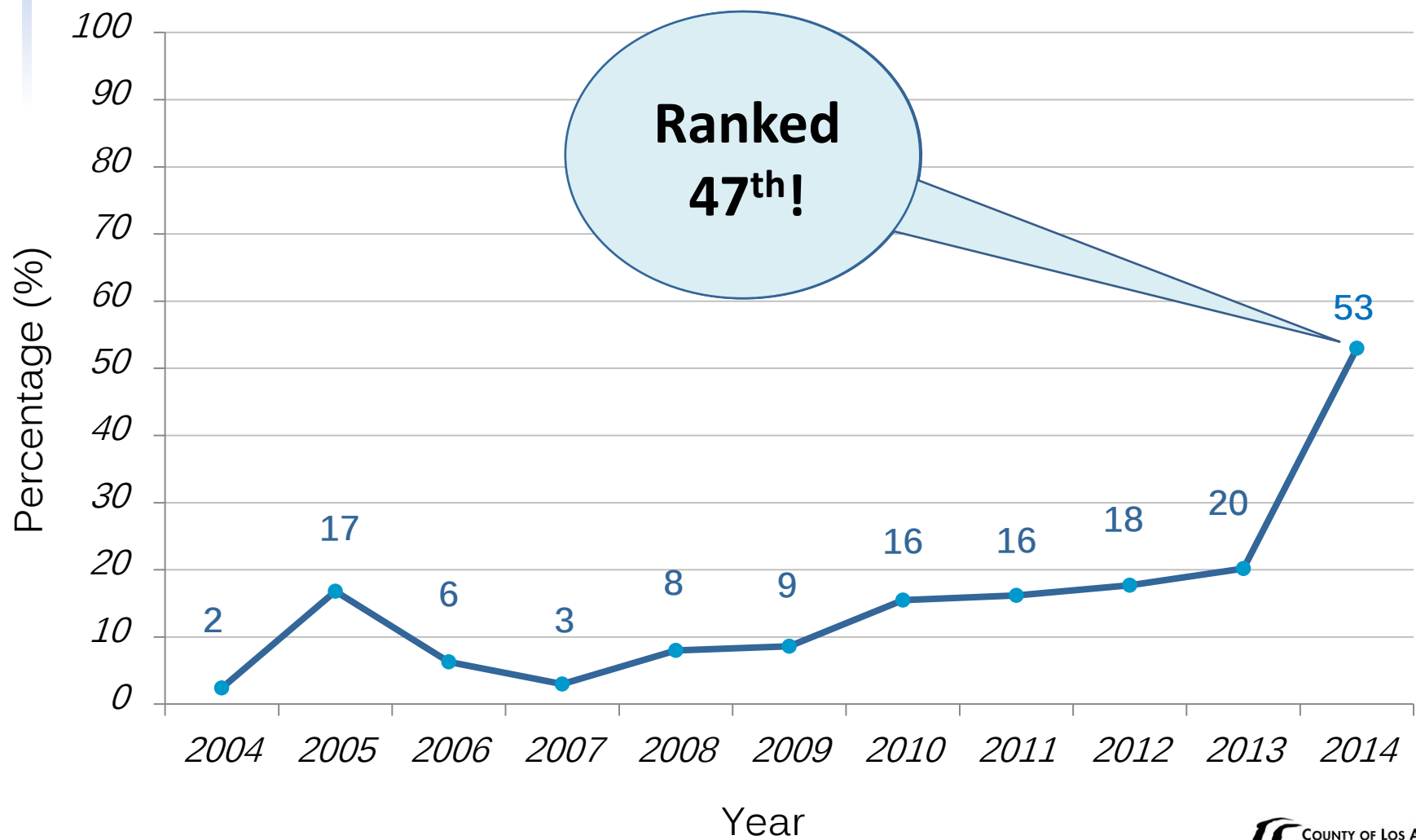


Percentage of Births Submitted to the Vital Records Office within 10 days of Birth at All Los Angeles County Birthing Hospitals for 2014



Goal: 90%

# Percentage of births registered within 10 days in LAC, 2004-2014



# ACT – PROJECT HIGHLIGHTS



- Improved speed in hospital birth certificate submission to Vital Records Office from **75%** in 2013 to **90%** in 2014
- Improved LAC birth registration timeliness from **20%** in 2013 to **53%** in 2014
- Increased county rank: **54<sup>th</sup>** in 2013 to **47<sup>th</sup>** in 2014
- Received Improvement Award from CDPH
- Overall, very good feedback from hospital staff → many would like project to continue



# THANK YOU!

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