

# Critical Congenital Heart Defect Screening (CCHD)

## Year 1 Data Analysis

August 8, 2016

Office of Newborn Screening | Birth Defects Program

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# Recorded in Bloodspot Database

## CCHD Report

Source : BloodSpotFinal.Data as of August 8th at 6:00AM

Office of Newborn Screening

CCHD Data Summary September, 2015 - Current

Birth Hospitals (Excluding IHS)

Filters: DOB range: From 9/1/15  
SPECTYPE: Include all  
SubmitterType: Hospital  
SUBMID: Include all

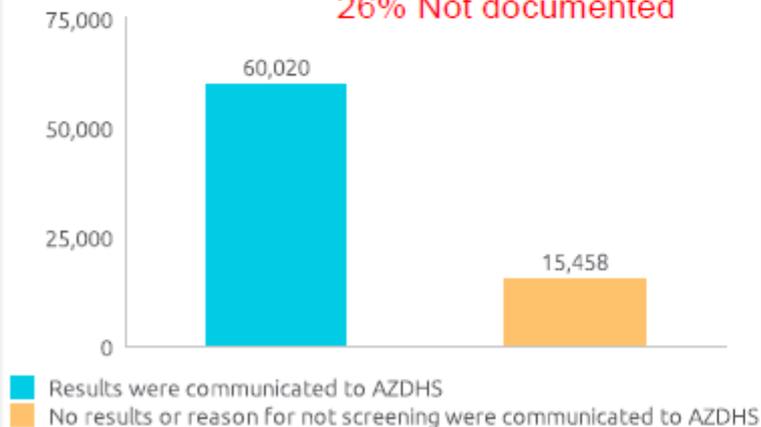
## Pulse Oximetry Screening Report (CCHD)

TOTAL NUMBER OF BABIES

75,478

### Pulse oximetry screening results communicated to AZDHS

26% Not documented



### Failed Babies

104 Babies Failed

% OF FAILED BABIES

0.14%

### Pulse oximetry screening results

2850 / 4.7% Not Screened

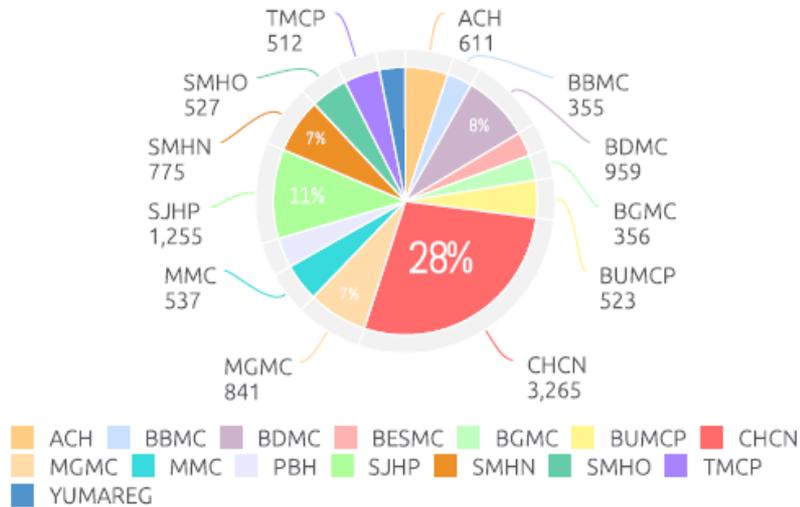


# Screening Status

## Not reported—Unknown

### Hospitals with Highest Number of Undocumented Screens

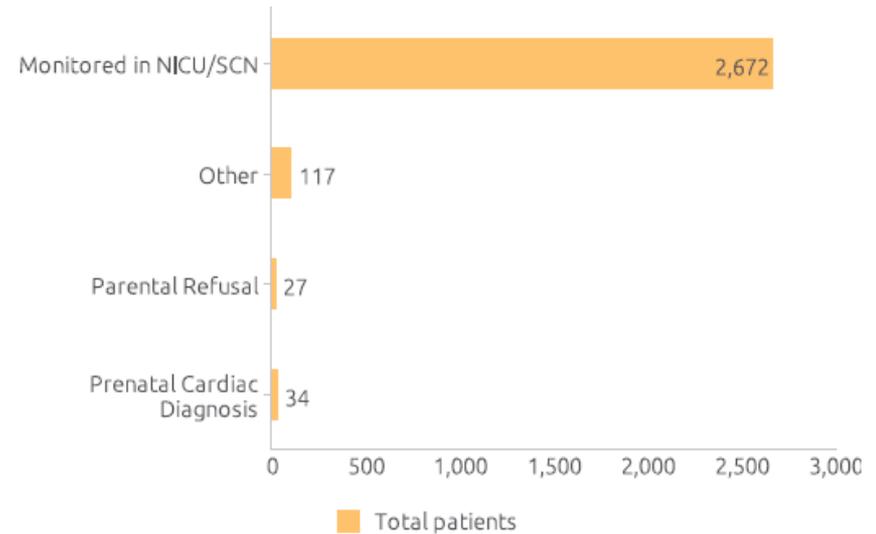
Pulse oximetry screening results not communicated to AZDHS (Top 15)



## Not Screened—Reasons

### Documented Reasons for Not Screening

Pulse oximetry screening was not performed because:

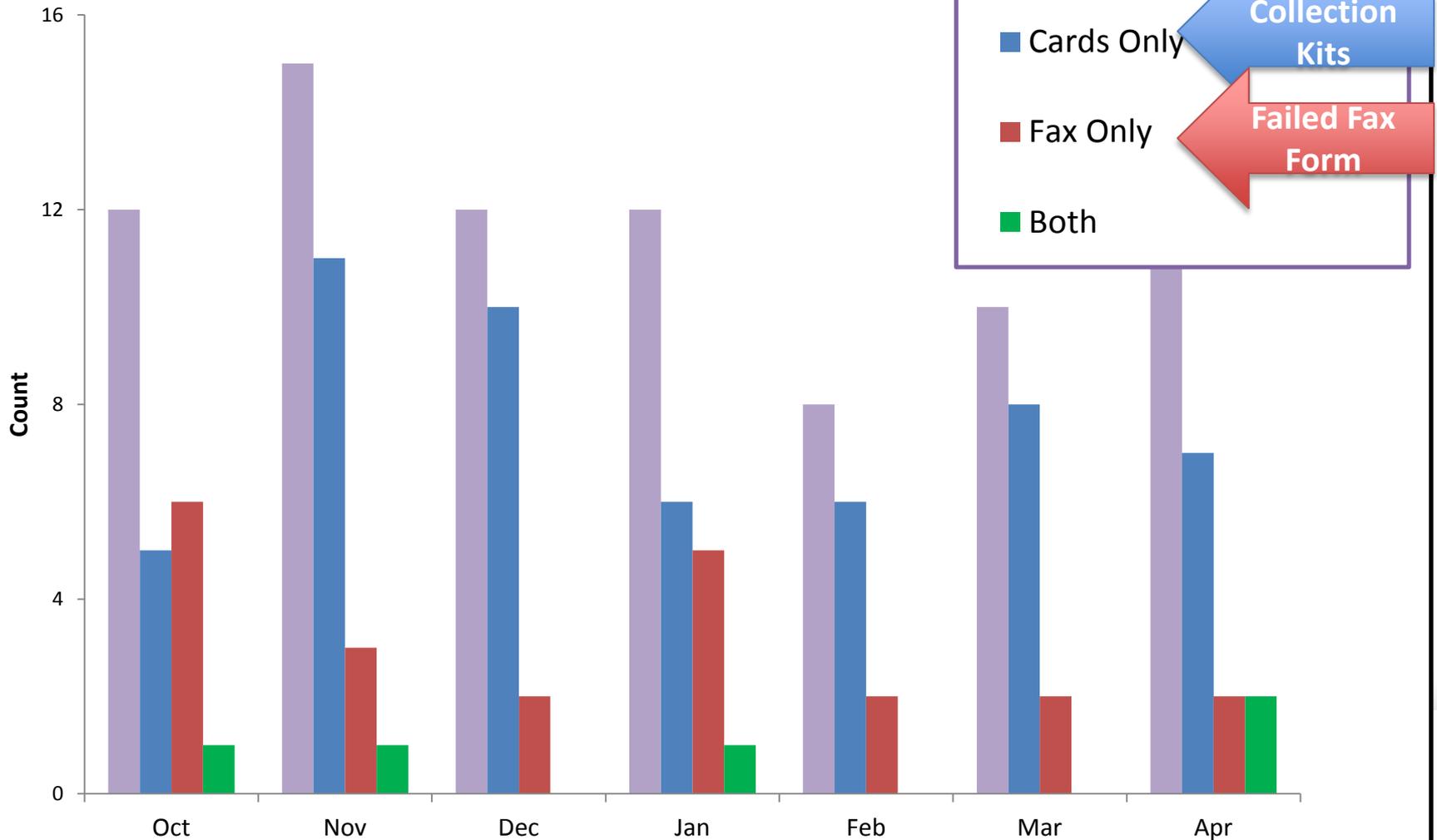


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# How Results Were Documented to ADHS

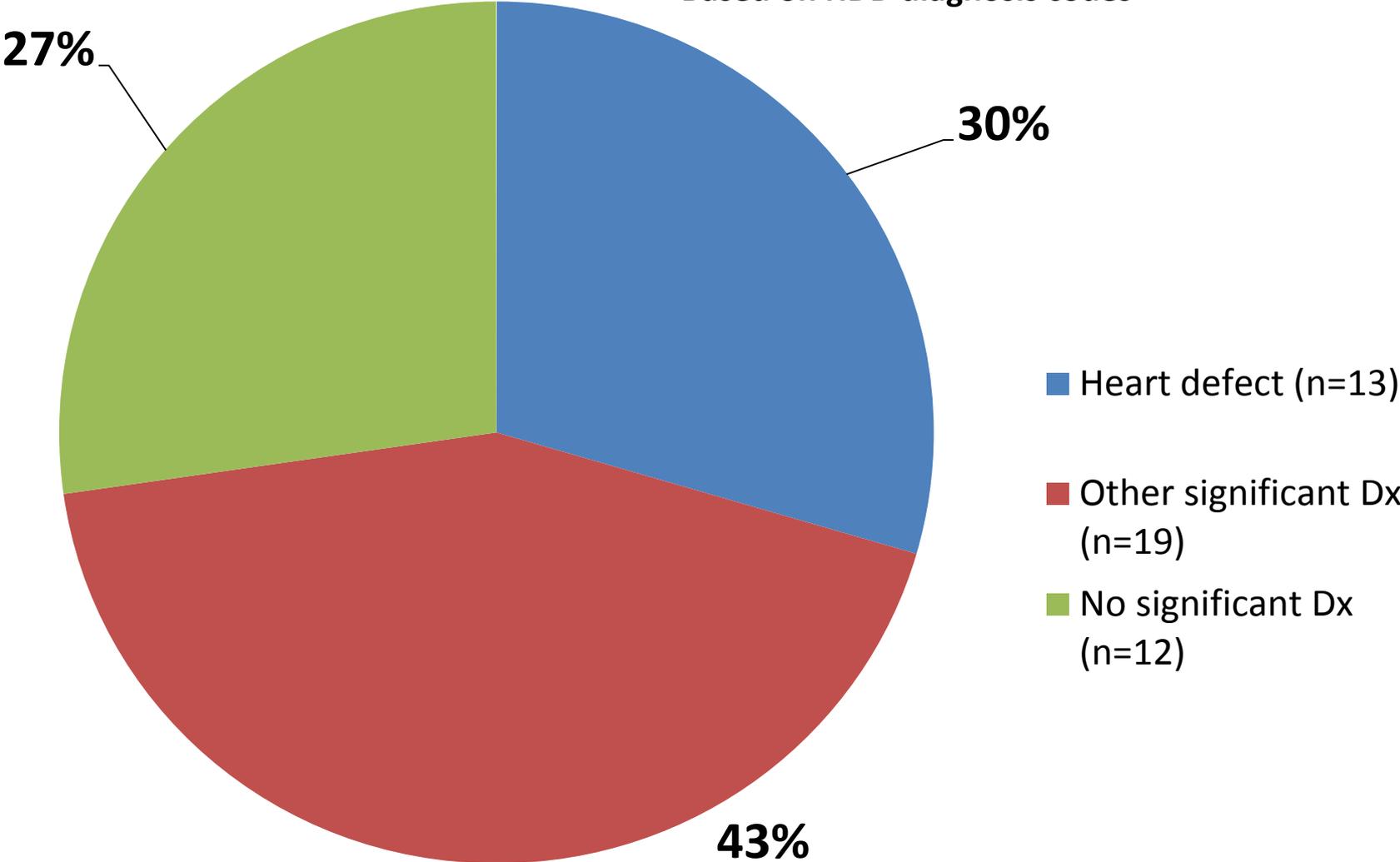
Method that facilities used to report failed screens  
Oct 2015-May 2016



# 2015 Significant Clinical Findings

Diagnostic categories of cases with a failed CCHD screen, Sep-Dec 2015  
(n=44)\*

\*Based on HDD diagnosis codes



# Other Significant Findings—Breakdown

