



# **Data is Coming:**

## ***Universal Newborn Hearing Screening (UNHS) Warehouse Project for Hospitals to View Hearing Screening Records***

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Bureau of Maternal, Child and Family Health  
Ohio Department of Health (ODH)

# Overview

- Learning Objectives
- Background & Goals
- Initial Steps & How to Begin
- Daily Process
- Final Result & Demonstration

# Learning Objectives

1. Describe the benefits and reasoning for implementing a similar project in your jurisdiction
2. Describe the project management process by providing suggestions for basic steps to development and ABC's of navigating IT
3. Describe methods to identify potential roadblocks to the development of a similar project in your jurisdiction

# Background

- Quarterly Hospital Reports
  - *Contained list of infants born at their hospital (1) screening results of infant, (2) if the infant was not screened, (3) reasons for not screening, and (4) totals of screening information*
- Gives hospitals a chance to review information and correct data errors, however many limitations
  - *Time consuming for ODH staff, inaccurate data, lacks additional information hospitals want & children's hospitals not included*

# Improvement Goals

- Hospital autonomy, by allowing hospitals to check and review data they are submitting to ODH at any point in time
- Data will match exactly what ODH has through our various submission routes
- Hospitals will have *more* information on each child and aggregate data for their hospital overall

# Initial Steps

- Proposal suggestions:
  - ***Use what's already there:*** building within an existing IT structure with other warehouse data
    - Vital Statistics data, cheaper, IT knowledge base increase
  - ***Keep the project as simple as possible to start:*** what is simple to us, is not simple to Information Technology Staff (ITS)
    - Make a proposal to include a prioritize list of your goals, including data fields and reports you want

# Project Beginnings

- First meetings: Explaining UNHS – the entire process from birth of baby to age 3
  - *What is a hearing screening?*
  - *What is a diagnostic evaluation?*
  - *What is Early Intervention?*
  - *Different types of equipment?*
  - *What does pass/refer mean?*
  - *What happens when a baby is not screened?*
  - *How we get all of this information (Vital Statistics vs Paper vs Audiologists)?*
  - *Why all of this matters!*

# Project Beginnings Continued

- Discuss how current data system works and what it is
  - Hi\*Track is specialized program for EHDI data
  - ODH staff brought together Hi\*Track team in Utah, ODH ITS who regularly work with Hi\*Track, new warehouse development ITS and program staff
- Explained current reports and information given to hospitals and how we see new system

# Daily Process

- Sprints: 2 week plan with ITS on what to accomplish
  - *Planning meetings at the beginning of each Sprint*
  - *Review meetings at the end of each Sprint*
  - *Daily 15 minute update meetings (“Stand-Ups”)*
- Goal of Sprints is to break down things into smallest possible steps
  - *Might take a couple Sprints to display one type of data in warehouse*

# Daily Process Continued

- Implemented Plan-Do-Study-Act throughout the process with every new change
  - *Planned out any small developments and changes*
  - *Tested it multiple times by multiple people*
  - *Discussed possible changes and how could impact other components*
  - *Decided on modifications and how to move forward*

# Roadblocks/Things to consider

- Regular IT personnel for UNHS may not be who works on project
- Already existing data problems that need to be fixed
- More than one screening per child for UNHS
- Current data doesn't match old data
  - *Technology changes*
  - *Definitions change*
  - *Procedures change*

# What we learned

- Bring in **all the data** even if you don't plan to use it immediately
  - *Future plans to expand access to Audiologists*
  - *Hospitals can see rates of children born/screened by them found to have hearing loss*
- **You** are the project owner
- **Testing, testing and then some more testing**
- *Patience and communication is key.*

# Project Results

- Data View: simplified list of babies born or screened at a facility so they can see individual level data
- Reports: developed two initial reports
  - Screening Report: summary data on number of screenings done and outcomes
  - Reasons for Not Screening Report: summary data for birth hospitals on multiple reasons for not screening child before discharge

# Warehouse Weblink

<https://odhgatewaytst.odh.ohio.gov/HomePage.aspx>

# Contact Information

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## Hospital Hearing Screening

**Category:** Risk Factors  
**Latest Update:** 2/20/2019  
**Description:** Infant Hearing  
**Contact Email:** dan.schlichting@odh.ohio.gov

Details

Data View

Charts / Graphs

Reports

Downloads



This dataset is updated daily and contains data related to the universal newborn hearing screenings for Ohio children born in licensed birthing hospitals and licensed birthing centers from 2007 to present. The purpose of this Data Warehouse module is to allow Infant Hearing Screening data reported to the Ohio Department of Health more accessible medical professionals.

The [Infant Hearing Program's](#) goal is to ensure all newborns receive a hearing screening before hospital discharge. [Legislation](#) in Ohio requires all babies receive the hearing screening to find hearing loss risk or risk for hearing loss. Early identification of hearing loss allows for the baby to develop communication, language and/or speech skills. The time period for speech, language, and communication development is between birth and three years old. The earlier a child's hearing loss is identified or found, the earlier a child can begin developing communication skills.

## Hospital Hearing Screening

**Category:** Risk Factors  
**Latest Update:** 2/20/2019  
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**Contact Email:** dan.schlichting@odh.ohio.gov

[Details](#) | 
 [Data View](#) | 
 [Charts / Graphs](#) | 
 [Reports](#) | 
 [Downloads](#)

**Query Builder**

Select a filter from the drop-down menu below to narrow search results. Add additional filters by clicking on the "+" icon below. To remove a filter, click on the "X" icon next to the filter.

Many filter options have a list of values to choose from. You can scroll through the drop-down menu to select value options, or you can begin typing the value you are looking for in the search bar. Checking "Select All" will clear any previous selections you have made.

When you have selected the items you'd like to filter, click the "Filter" button below. Any time you add, remove, or change any of the filter values, remember to click the "Filter" button. The list results will not change unless you do so.

**Note:** Filtering between DIFFERENT variables uses the "AND" operator while multiple filters of the SAME variable uses the "OR" operator.

**Filters:**

Viewing Facility ▾ Equals ▾ 4 Selected ▾ ✕

+ Add an Additional Filter

 **Filter** 

**Data Feed:** [https://odhgatewayst.odh.ohio.gov/EDWS/?\\$filter=\(Viewing\\_facilityHTID eq 792803b8-8170-4468-ae2f-a9...](https://odhgatewayst.odh.ohio.gov/EDWS/?$filter=(Viewing_facilityHTID eq 792803b8-8170-4468-ae2f-a9...) **Export As:** CSV ▾ [Export](#) 

Actions	Child's Full Date of Birth	Child Last Name	Child First Name	Child Middle Name	Mom Last Name	Mom First Name	Child Gender	Birth Record Number	Screening Facility Name	Screening Test Date
<a href="#">Show It</a>	1/17/2019	LANNISTER	TYRION		LANNISTER	JOANNA	M		Volantis Children's Hospital	1/25/2019
<a href="#">Show It</a>	1/17/2019	LANNISTER	TYRION		LANNISTER	JOANNA	M			
<a href="#">Show It</a>	1/30/2017	LANNISTER	CERSEI		LANNISTER	JOANNA	F		King's Landing Medical Center South	2/2/2017
<a href="#">Show It</a>	7/2/2018	BARATHEON	JOFFREY		BARATHEON	ROBERT	M			
<a href="#">Show It</a>	12/25/2018	SNOW	JON		STARK	LYANNA	M			
<a href="#">Show It</a>	8/15/2018	TARGARYEN	DAENERYS		TARGARYEN	RHAELLA	F		Winterfell North Hospital	8/16/2018
<a href="#">Show It</a>	1/16/2019	STARK	ARYA		STARK	CATELYN	F			

Filters:

Viewing Facility  Equals  4 Selected

+ Add an Additional Filter

Data Feed: [https://odhgatewaytst.odh.ohio.gov/EDWS/?\\$filter=\(Viewing\\_facilityHTID eq 792803b8-8170-4468-ae2f-a9...](https://odhgatewaytst.odh.ohio.gov/EDWS/?$filter=(Viewing_facilityHTID eq 792803b8-8170-4468-ae2f-a9...) Export As:

Actions	Child's Full Date of Birth	Child Last Name	Child First Name	Child Middle Name	Mom Last Name	Mom First Name	Child Gender	Birth Record Number	Screening Facility Name	Screening Test Date
<a href="#">Show It</a>	1/17/2019	LANNISTER	TYRION		LANNISTER	JOANNA	M		Volantis Children's Hospital	1/25/2019
<a href="#">Show It</a>	1/17/2019	LANNISTER	TYRION		LANNISTER	JOANNA	M			
<a href="#">Show It</a>	1/30/2017	LANNISTER	CERSEI		LANNISTER	JOANNA	F		King's Landing Medical Center South	2/2/2017
<a href="#">Show It</a>	7/2/2018	BARATHEON	JOFFREY		BARATHEON	ROBERT	M			
<a href="#">Show It</a>	12/25/2018	SNOW	JON		STARK	LYANNA	M			
<a href="#">Show It</a>	8/15/2018	TARGARYEN	DAENERYS		TARGARYEN	RHAELLA	F		Winterfell North Hospital	8/16/2018
<a href="#">Show It</a>	1/16/2019	STARK	ARYA		STARK	CATELYN	F			
<a href="#">Show It</a>	5/23/2018	STARK	SANSA		STARK	CATELYN	F		Winterfell North Hospital	5/25/2018
<a href="#">Show It</a>	9/7/2017	STARK	ROBB		STARK	CATELYN	M			
<a href="#">Show It</a>	9/7/2017	STARK	ROBB		STARK	CATELYN	M		Volantis Children's Hospital	9/23/2017
<a href="#">Show It</a>	6/12/2018	STARK	BRAN		STARK	CATELYN	M		Winterfell North Hospital	6/13/2018
<a href="#">Show It</a>	6/12/2018	STARK	BRAN		STARK	CATELYN	M		Winterfell North Hospital	6/15/2018
<a href="#">Show It</a>	1/29/2019	STARK	RICKON		STARK	CATELYN	M			
<a href="#">Show It</a>	11/11/2017	TYRELL	MARGAERY		TYRELL	ALERIE	F			
<a href="#">Show It</a>	5/5/2017	GREYJOY	THEON		GREYJOY	ALANNYS	M		King's Landing Medical Center South	5/7/2017
<a href="#">Show It</a>	5/5/2017	GREYJOY	THEON		GREYJOY	ALANNYS	M		King's Landing Medical Center South	5/8/2017
<a href="#">Show It</a>	10/10/2018	GREYJOY	YARA				F			
<a href="#">Show It</a>	10/10/2018	GREYJOY	YARA		GREYJOY	ALANNYS	F		Winterfell North Hospital	12/1/2018
<a href="#">Show It</a>	10/10/2018	GREYJOY	YARA		GREYJOY	ALANNYS	F		Volantis Children's Hospital	11/13/2018
<a href="#">Show It</a>	11/11/2018	SAND	TYENE				F			
<a href="#">Show It</a>	11/11/2018	SAND	TYENE		SAND	ELLARIA	F		King's Landing Medical Center South	12/13/2018
<a href="#">Show It</a>	9/30/2018	LANNISTER	JAIME		LANNISTER	JOANNA	M			
<a href="#">Show It</a>	4/18/2018	MORMONT	JORAH		MORMONT	JEOR	M			
<a href="#">Show It</a>	3/9/2018	MORMONT	LYANNA		MORMONT	MAEGE	F		King's Landing Medical Center South	3/10/2018
<a href="#">Show It</a>	2/14/2018	TARLY	SAMWELL		TARLY	TALLA	M		King's Landing Medical Center South	2/14/2018

Rows are generated by screening result, birth without a screening or transfer without a screening.



	Screening Test Date	Screening Test Type	Screening Right Ear Result	Screening Left Ear Result	Screening Tester Name	Deceased: Reason Not Screened	Early Discharge: Reason Not Screened	Equip Malfunction: Reason Not Screened	Missed: Reason Not Screened	Objected: Reason Not Screened	Physical Anomaly: Reason Not Screened	
	1/25/2019	A-ABR	Pass	Pass	Giantsbane, Tormund	N	N	N	N	N	N	Y
						N	N	N	N	N	N	Y
South	2/2/2017	A-ABR	Pass	Pass	Spider, Varys	N	N	N	N	N	N	M
						N	N	N	N	N	N	Y
						N	Y	Y	N	N	N	M
	8/16/2018	A-ABR	Pass	Pass	Tarth, Brienne	N	N	N	N	N	N	M
						N	Y	N	N	N	N	M
	5/25/2018	A-ABR	Pass	Pass	Tarth, Brienne	N	N	N	N	N	N	M
						N	N	N	N	N	N	Y
	9/23/2017	A-ABR	Refer	Refer	Giantsbane, Tormund	N	N	N	N	N	N	Y
	6/13/2018	DPOAE	Refer	Refer	Tarth, Brienne	N	N	N	N	N	N	M
	6/15/2018	A-ABR	Refer	Refer	Tarth, Brienne	N	N	N	N	N	N	M
						Y	N	N	N	N	N	M
						N	N	N	N	N	Y	M
South	5/7/2017	TEOAE	Refer	Refer	Drogo, Khal	N	N	N	N	N	N	M
South	5/8/2017	A-ABR	Pass	Refer	Spider, Varys	N	N	N	N	N	N	M
						N	N	N	N	N	N	Y
	12/1/2018	A-ABR	Pass	Pass	Tarth, Brienne	N	N	N	N	N	N	Y
	11/13/2018	DPOAE	Refer	Refer	Giantsbane, Tormund	N	N	N	N	N	N	Y
						N	N	N	N	N	N	Y
South	12/13/2018	A-ABR	Refer	Refer	Drogo, Khal	N	N	N	N	N	N	Y
						N	N	N	N	Y	N	M
						N	N	N	Y	N	N	M
South	3/10/2018	A-ABR	Pass	Pass	Spider, Varys	N	N	N	N	N	N	Y
South	2/14/2018	DPOAE	Pass	Refer	Drogo, Khal	N	N	N	N	N	N	M



Transferred: Reason Not Screened	Unknown: Reason Not Screened	Birth Facility	Transfer From Facility	Transfer To Facility	Transferred Date
Y	N	King's Landing Medical Center South	King's Landing Medical Center South	Volantis Children's Hospital	1/17/2019
Y	N	King's Landing Medical Center South	King's Landing Medical Center South	Volantis Children's Hospital	1/17/2019
N	N	King's Landing Medical Center South			
Y	N	King's Landing Medical Center South	Kettering Medical Center	Volantis Children's Hospital	7/2/2018
N	N	Winterfell North Hospital			
N	N	Winterfell North Hospital			
N	N	Winterfell North Hospital			
N	N	Winterfell North Hospital			
Y	N	Winterfell North Hospital	Winterfell North Hospital	Volantis Children's Hospital	
Y	N	Winterfell North Hospital	Winterfell North Hospital	Volantis Children's Hospital	9/7/2017
N	N	Winterfell North Hospital			
N	N	Winterfell North Hospital			
N	N	Winterfell North Hospital			
N	N	King's Landing Medical Center South			
N	N	King's Landing Medical Center South			
N	N	King's Landing Medical Center South			
Y	N	King's Landing Medical Center South			
Y	N	King's Landing Medical Center South	Volantis Children's Hospital	Winterfell North Hospital	11/15/2018
Y	N	King's Landing Medical Center South	Volantis Children's Hospital	Winterfell North Hospital	11/15/2018
Y	N	King's Landing Medical Center South			
Y	N	King's Landing Medical Center South	Volantis Children's Hospital	King's Landing Medical Center South	12/12/2018
N	N	King's Landing Medical Center South			
N	N	King's Landing Medical Center South			
Y	N	King's Landing Medical Center South	King's Landing Medical Center South	Winterfell North Hospital	3/13/2018
N	N	King's Landing Medical Center South			



**Filters:**

Viewing Facility ▾ Equals ▾ 4 Selected ▾ ✕

- Select ▾ ✕
- Select
  - Child's Full Date of Birth
  - Baby Birth Year
  - Baby Birth Month
  - Child Last Name
  - Child First Name
  - Child Middle Name
  - Birth Record Number
  - Birth Facility
  - Screening Facility Name
  - Screening Test Type
  - Screening Tester Name
  - Transfer From Facility
  - Viewing Facility
  - Deceased: Reason Not Screened
  - Early Discharge: Reason Not Screened
  - Equip Malfunction: Reason Not Screened
  - Missed: Reason Not Screened
  - Objected: Reason Not Screened
  - Physical Anomaly: Reason Not Screened
  - Transferred: Reason Not Screened
  - Unknown: Reason Not Screened
  - Any Reason Not Screened

EDWS/?\$filter=(Viewing\_facilityHTID eq 792803b8-8170-4468-ae2f-a9... **Export As:** CSV ▾ Export

			Transfer From Facility	Transfer To Facility	Transferred Date
			ical Center South	King's Landing Medical Center South	Volantis Children's Hospital
			ical Center South	King's Landing Medical Center South	Volantis Children's Hospital
			ical Center South		
			ical Center South	Kettering Medical Center	Volantis Children's Hospital
			spital		
			spital		
N	N	Winterfell North Hospital			
N	N	Winterfell North Hospital			
Y	N	Winterfell North Hospital	Winterfell North Hospital	Volantis Children's Hospital	
Y	N	Winterfell North Hospital	Winterfell North Hospital	Volantis Children's Hospital	9/7/2017
N	N	Winterfell North Hospital			
N	N	Winterfell North Hospital			
N	N	Winterfell North Hospital			

# Birthing Facility

**Filters:**

Viewing Facility  Equals

+ Add an Additional Filter

Data Feed: [https://odhgatewayst.odh.ohio.gov/EDWS/?\\$filter=\(Viewing\\_facilityHTID eq 9a442497-dec6-4f44-bdba-a9...](https://odhgatewayst.odh.ohio.gov/EDWS/?$filter=(Viewing_facilityHTID eq 9a442497-dec6-4f44-bdba-a9...) Export As:

Actions	Child's Full Date of Birth	Child Last Name	Child First Name	Child Middle Name	Mom Last Name	Mom First Name	Child Gender	Birth Record Number	Screening Facility Name	Screening Test Date
<a href="#">Show It</a>	1/17/2019	LANNISTER	TYRION		LANNISTER	JOANNA	M			
<a href="#">Show It</a>	1/30/2017	LANNISTER	CERSEI		LANNISTER	JOANNA	F		King's Landing Medical Center South	2/2/2017
<a href="#">Show It</a>	7/2/2018	BARATHEON	JOFFREY		BARATHEON	ROBERT	M			
<a href="#">Show It</a>	11/11/2017	TYRELL	MARGAERY		TYRELL	ALERIE	F			
<a href="#">Show It</a>	5/5/2017	GREYJOY	THEON		GREYJOY	ALANNYS	M		King's Landing Medical Center South	5/7/2017
<a href="#">Show It</a>	5/5/2017	GREYJOY	THEON		GREYJOY	ALANNYS	M		King's Landing Medical Center South	5/8/2017
<a href="#">Show It</a>	10/10/2018	GREYJOY	YARA		GREYJOY	ALANNYS	F			
<a href="#">Show It</a>	11/11/2018	SAND	TYENE		SAND	ELLARIA	F			
<a href="#">Show It</a>	11/11/2018	SAND	TYENE		SAND	ELLARIA	F		King's Landing Medical Center South	12/13/2018
<a href="#">Show It</a>	9/30/2018	LANNISTER	JAIME		LANNISTER	JOANNA	M			
<a href="#">Show It</a>	4/18/2018	MORMONT	JORAH		MORMONT	JEOR	M			
<a href="#">Show It</a>	3/9/2018	MORMONT	LYANNA		MORMONT	MAEGE	F		King's Landing Medical Center South	3/10/2018
<a href="#">Show It</a>	2/14/2018	TARLY	SAMWELL		TARLY	TALLA	M		King's Landing Medical Center South	2/14/2018
<a href="#">Show It</a>	2/14/2018	TARLY	SAMWELL		TARLY	TALLA	M		King's Landing Medical Center South	2/16/2018
<a href="#">Show It</a>	3/1/2018	BARATHEON	TOMMEN		BARATHEON	ROBERT	M			



“Show It” gives summary of the particular screening information and baby information

Record Details

Hit [Esc] to close.

**LANNISTER, CERSEI**

Baby DOB: 1/30/2017  
Baby Gender: F  
Baby Medical ID: 99997  
Mom Last Name: LANNISTER  
Mom First Name: JOANNA  
Screening Facility Name: King's Landing Medical Center South  
Birth Facility: King's Landing Medical Center South - undefined

Test Date: 2/2/2017  
Test Type: A-ABR  
Test Results(Right/Left Ear): Pass/Pass  
Screener Name: Spider, Varys

Reasons Not Screened:  
Objected: N  
Deceased: N  
Equipment Malfunction: N  
Early Discharge: N  
Missed: N  
Physical Anomaly: N  
Unknown: N  
Transferred: N

Transfer Date:  
Transferred From:  
Transferred To:

Record Details

Hit [Esc] to close.

**LANNISTER, TYRION**

Baby DOB: 1/17/2019  
Baby Gender: M  
Baby Medical ID: 99996  
Mom Last Name: LANNISTER  
Mom First Name: JOANNA  
Screening Facility Name:  
Birth Facility: King's Landing Medical Center South - undefined

Test Date:  
Test Type:  
Test Results(Right/Left Ear): /  
Screener Name:

Reasons Not Screened:  
Objected: N  
Deceased: N  
Equipment Malfunction: N  
Early Discharge: N  
Missed: N  
Physical Anomaly: N  
Unknown: N  
Transferred: Y

Transfer Date: 1/17/2019  
Transferred From: King's Landing Medical Center South  
Transferred To: Volantis Children's Hospital

If no screening done, shows indicators for why and potential transfer information

# Children's Hospital

Transfer information shows the most recent transfer that occurred

**Filters:**

Viewing Facility: [Volantis Children's Hospital] Equals [Volantis Children's Hospital]

+ Add an Additional Filter

Filter

Data Feed: [https://odhgatewayst.odh.ohio.gov/EDWS/?\\$filter=\(Viewing\\_facilityHTID eq c1720496-116b-42ce-aa8f-a9...\)](https://odhgatewayst.odh.ohio.gov/EDWS/?$filter=(Viewing_facilityHTID eq c1720496-116b-42ce-aa8f-a9...)) Export As: CSV Export

Actions	Child's Full Date of Birth	Child Last Name	Child First Name	Child Middle Name	Mom Last Name	Mom First Name	Child Gender	Birth Record Number	Screening Facility Name	Screening Test Date	Screening Test Type	Sc Rtg	Re
Show It	1/17/2019	LANNISTER	TYRION		LANNISTER	JOANNA	M		Volantis Children's Hospital	1/25/2019	A-ABR	Pa	
Show It	9/7/2017	STARK	ROBB		STARK	CATELYN	M		Volantis Children's Hospital	9/23/2017	A-ABR	Re	
Show It	10/10/2018	GREYJOY	YARA		GREYJOY	ALANNYS	F		Volantis Children's Hospital	11/13/2018	DPOAE	Re	

1 of 1 Go Items per Page: 100 Records Found: 3

Data Feed: [https://odhgatewayst.odh.ohio.gov/EDWS/?\\$filter=\(Viewing\\_facilityHTID eq c1720496-116b-42ce-aa8f-a9...\)](https://odhgatewayst.odh.ohio.gov/EDWS/?$filter=(Viewing_facilityHTID eq c1720496-116b-42ce-aa8f-a9...)) Export As: CSV Export

Physical Abnormality Reason Not Screened	Transferred: Reason Not Screened	Unknown: Reason Not Screened	Birth Facility	Transfer From Facility	Transfer To Facility	Transferred Date	View
Y	N	N	King's Landing Medical Center South	King's Landing Medical Center South	Volantis Children's Hospital	1/17/2019	Vo
Y	N	N	Winterfell North Hospital	Winterfell North Hospital	Volantis Children's Hospital	9/7/2017	Vo
Y	N	N	King's Landing Medical Center South	Volantis Children's Hospital	Winterfell North Hospital	11/15/2018	Vo

1 of 1 Go Items per Page: 100 Records Found: 3

# Reports

Ohio.gov | Department of Health

SECURE

Ohio Public Health Information Warehouse

Home | Help | Admin Mallory.Minter (logout)

## Hospital Hearing Screening

Category: Risk Factors  
Latest Update: 2/20/2019  
Description: Infant Hearing  
Contact Email: dan.schlichting@odh.ohio.gov

Details | Data View | Charts / Graphs | **Reports** | Downloads

Screening Results [Customize](#)

Reasons for Not Screening [Customize](#)

Secure Ohio Public Health Information Warehouse  
Version 5.0

[Disclaimer](#)

“Screening Results”  
report can be run  
for any hospital

“Reasons for Not  
Screening” report is  
only applicable to  
Birth Facilities

# Screening Results

Ability to filter by baby birth day, month, year and birth facility (mainly for Children's hospitals)

Includes screening results for 1<sup>st</sup> & 2<sup>nd</sup> screenings per ear

Screening Results

Variable Choices

- + All
- Birth Day
- Birth Month
- Birth Year
- Birth Facility

Measure Choices

Column Selections

- Screening Facility

Row Selections

- Screening 1L
- Screening 1R
- Screening 2L
- Screening 2R

Selected Measures

- Brith Count
- Screening Count

Report Options:

- Summarize Variables in Subreports
- Include Row Totals
- Include Column Totals

Run Get Data

Report Output

1 of 1 100% Find

### Screening Results

for Screening Facility = (Cincinnati Children's Hospital) , Screening Result One for Left Ear = (Pass, Refer, Not Screened) , Screening Result One for Right Ear = (Pass, Refer, Not Screened) , Screening Result Two for Left Ear = (Pass, Refer, Not Screened) , Screening Result Two for Right Ear = (Pass, Refer, Not Screened) , Birth Year = (2016)

Screening Facility	Cincinnati Children's Hospital	
Screening Result One for Left Ear	Birth Count	Screening Count
Pass	20	67
Refer	20	53
Total	20	120

Screening Facility	Cincinnati Children's Hospital	
Screening Result One for Right Ear	Birth Count	Screening Count
Pass	20	81
Refer	20	39
Total	20	120

Screening Facility	Cincinnati Children's Hospital	
Screening Result Two for Left Ear	Birth Count	Screening Count
Pass	20	0
Refer	20	0
Total	20	0

Screening Facility	Cincinnati Children's Hospital	
Screening Result Two for Right Ear	Birth Count	Screening Count
Pass	20	0
Refer	20	0
Total	20	0

Shows "Birth Count" and "Screening Count" in order to show potential missed babies quickly (only birth facilities will have more births than screenings)

# Reasons for Not Screening Report

Ability to filter by baby birth day, month, and year (report is only for Birth Facilities)

Includes all potential reasons for not screening marked on birth certificate records, as well as a calculated "Unknown" category if no reason was reported

**Reasons for Not Screening**

**Variable Choices**

- + All
- Birth Day
- Birth Month
- Birth Year

**Column Selections**

- Screening Facility

**Row Selections**

- RNS Any
- RNS Deceased
- RNS Early Discharge
- RNS Equip Malfunc...
- RNS Missed
- RNS Objected
- RNS Physical Anomaly
- RNS Transferred
- RNS Unknown

**Selected Measures**

- Screening Count

**Report Options:**

- Summarize Variables in Subreports
- Include Row Totals
- Include Column Totals

**Measure Choices**

**Instructions:**

- 1) Drag one or more "Variable Choices" to the "Column Selections" drop box above. Re-arranging selections will change their display order and modify percent calculation.
- 2) Drag one or more "Variable Choices" to the "Row Selections" drop box to the left.
- 3) Drag a "Measure Choices" to the "Measure Selections" above.
- 4) Click the funnel icon to filter your report.
- 5) Click the gear icon to configure additional settings.
- 6) Click the "Run" button to generate your report.

**Buttons:** Run, Get Data

Report Output

1 of 1

### Reasons for Not Screening

for Screening Facility = (Bethesda North Hospital) , Birth Year = (2017)

Screening Facility	Bethesda North Hospital
Reason for Not Screening - Any Reason	Screening Count
No	5821
Yes	17
Total	5838

Screening Facility	Bethesda North Hospital
Reason for Not Screening - Deceased	Screening Count
No	5837
Yes	1
Total	5838

Screening Facility	Bethesda North Hospital
Reason for Not Screening - Early Discharge	Screening Count
No	5837
Yes	1
Total	5838

Screening Facility	Bethesda North Hospital
Reason for Not Screening -	Screening Count

Report Output

Screening Facility	Bethesda North Hospital
Reason for Not Screening - Early Discharge	Screening Count
No	5837
Yes	1
Total	5838

Screening Facility	Bethesda North Hospital
Reason for Not Screening - Equipment Malfunction	Screening Count
No	5835
Yes	3
Total	5838

Screening Facility	Bethesda North Hospital
Reason for Not Screening - Missed	Screening Count
No	5837
Yes	1
Total	5838

Screening Facility	Bethesda North Hospital
Reason for Not Screening - Objected	Screening Count
No	5838
Yes	0
Total	5838

Report Output

Screening Facility	Bethesda North Hospital
Reason for Not Screening - Physical Anomaly	Screening Count
No	5838
Yes	0
Total	5838

Screening Facility	Bethesda North Hospital
Reason for Not Screening - Transferred	Screening Count
No	5827
Yes	11
Total	5838

Screening Facility	Bethesda North Hospital
Reason for Not Screening - Unknown	Screening Count
No	5835
Yes	3
Total	5838

# Ohio EHDl Presentations

## ***'The Ripple Effect from a Team Approach in EHDl'***

Presenter: Reena Kothari, ODH Staff

Date: Tuesday, March 5, 2019

Time: 10:15 AM-10:40 AM

Room: Davinci A/B

## ***'Developing a Statewide Protocol for Diagnostic Testing'***

Presenter: Sheryl Silver, ODH Staff

Date: Tuesday, March 5, 2019

Time: 4:20 PM-4:45 PM

Room: Heathrow A/B