

Ohio Department of Health – Bureau of Vital Statistics

Guide to VS Hospital Reports Dashboard

Introduction

The dashboard provides to birth facilities a quick visual display of reported birth registry data quality. The source data for the dashboard is the Integrated Perinatal Health Information System (IPHIS). The dashboard reports display the prevalence of not classifiable/missing/blank data for selected birth variables.

The dashboard enables birth facilities to examine their own data quality in comparison to peer facilities and all of Ohio. The Bureau of Vital Statistics at the Ohio Department of Health (ODH) used National Center for Health Statistics (NCHS) error reports along with input from the Ohio Perinatal Quality Collaborative to choose the dashboard's birth variables. The reports compare facility-specific missing rates to an NCHS standard and color code the missing rate if over the NCHS standard (red) or at the standard (orange). The reports also show each facility's share of Ohio's errors which helps ODH to plan data improvement outreach strategies. When facilities click on an error rate the dashboard generates a line listing of birth certificates which are considered errors. Staff can use these listings to research if any pattern exists in the errors.

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Access Instructions

1. Go to the IPHIS **Welcome** screen at <https://vital.odh.ohio.gov> Enter your user name as Citrix\first.last and password. Click Log on, then click continue.
2. Choose the app '**VS Hospital Reports**'.
3. A screen that says 'Vital Statistics' will appear. Choose: **VS Hospital Reports**. The next screen displays a listing of various reports. Choose **Dashboard**.

Dashboard users see their own hospital's detailed reports along with aggregated results for peer hospitals and Ohio. In order to connect users with their facility data, ODH must associate each user account with a specific location. To gain access, the IPHIS Facility Administrator should send a request to VS.HelpDesk@odh.ohio.gov

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Examining Summary Indicators

1. Total births

This is the total number of births in the hospital in the specified date range. This number will be the same for all the indicators, but will change based on the date range the user decides to apply.

Indicator	Total births	Total errors	Ohio standard	Error rate
Mother's birth country or state unknown	17	0	0.36%	0.00%
Mother's Hispanic ethnicity unknown	17	0	0.12%	0.00%
Mother's race unknown	17	0	0.09%	0.00%
Payment source unknown	17	2	0.51%	11.76%

2. Total errors

This is the count of birth certificates with errors associated with the indicator and date range chosen.

3. Ohio standard

The standard error rate, also called 'threshold,' is the *cut-point* for each indicator above which ODH deems the error rate unacceptable. Hospitals should strive for zero or at least improve data quality such that each indicator does not exceed the state standard.

4. Error rate

The error rate is the percentage of certificates with errors (total errors/total births) times 100. The percentage under this column should not exceed that under the column labeled 'Ohio standard' for each variable. If it does, it will be displayed in red, meaning there is a problem for the hospital involved.

Record Level Detail

- From the main page, click any blue indicator on the left. The next screen will show your peer group category (small, medium or large) based on volume of births. Click the + symbol to expand.

Hospital name	Record Details				Hospital Summary				
	State file number	Mother's medical record number	# of errors in record	Payment source	Total births	Error total	Error rate	% peer group error	% Ohio errors
Statewide					183	2	1.09%		100%
MEDIUM					80	2	2.50%	100.0%	100.00%
Hospital Name					17	2	11.76%	100.00%	100.00%

Ohio Standard Error Rate: 0.51%

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- The screen will show you specific state file numbers associated with that indicator; you can search in IPHIS by state file number to review the data fields containing errors that require corrections.

		Record Details			Hospital Summary					
	Hospital name	State file number	Mother's medical record number	# of errors in record	Payment source	Total births	Error total	Error rate	% peer group error	% Ohio errors
Statewide						183	2	1.09%		100%
MEDIUM						80	2	2.50%	100.0%	100.00%
Hospital Name		2017000047	1200503	1		17	2	11.76%	100.00%	100.00%

PaySource;

- Use the disk icon to save the document as a PDF. The printable PDF document can be shared with facility staff for analysis. If you need assistance in saving the file through Citrix, contact the VS HelpDesk at 614-466-2531 or VS.HelpDesk@odh.ohio.gov
- Some records may contain more than one error. In the following example, several field names are noted below each state file number. This should help the user more efficiently research and correct numerous errors in one record.

State file number	Mother's medical record number	# of errors in record	Mother's birth country
2017004554	5002458854	11	UNKNOWN
MotherHeight;MotherBirthCountry;MotherEducation;MotherRace;MotherHispanicStatus;PrePregDelive			
2017006941	5002508565	7	UNKNOWN
MotherBirthCountry;MotherEducation;MotherRace;WICStatus;PrePregDeliveryWeight;CigaretteSmoki			


- A correction to a registered record may be requested in IPHIS with an “unlock request”; add an electronic note to the record with the specific value which must be changed. If you cannot view the record with that state file number, it is possible the record was amended and sealed (paternity or other change). You can contact vs.helpdesk@odh.ohio.gov with questions on correcting the data.

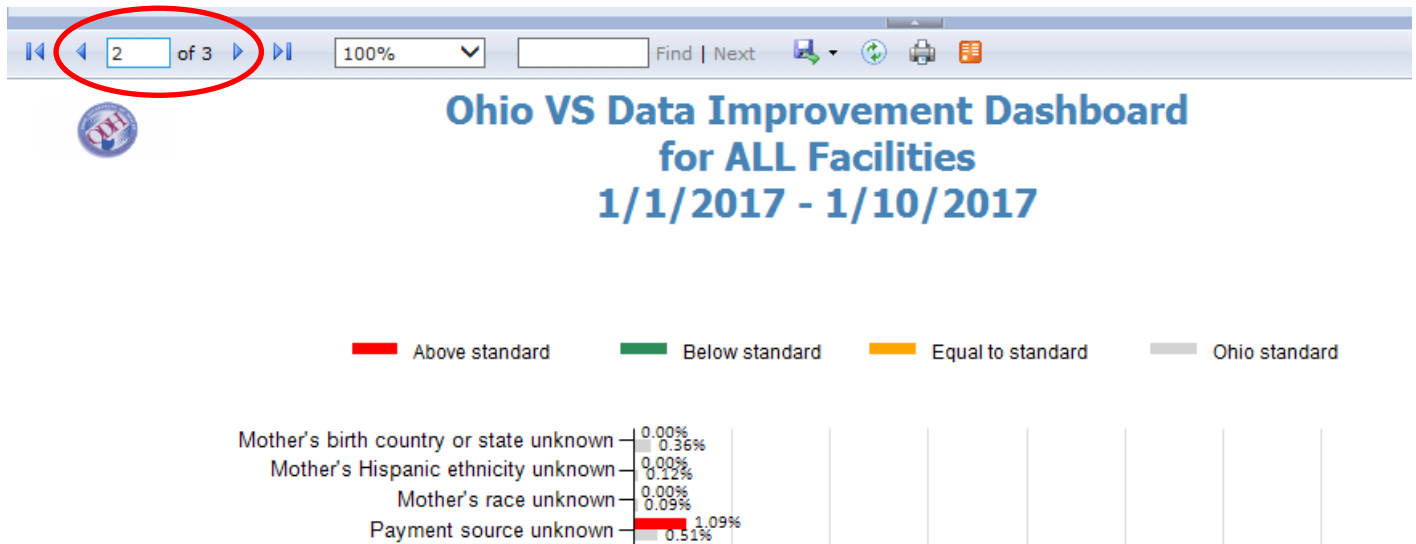
Note: Corrections to errors may take about 24 hours to be processed and refreshed in the IPHIS data pool.


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Save then Print

1. On the main screen, you can see page numbers at the top left. Click the small blue arrow  to advance to the next page. A chart will show all indicators with two bars: the top representing your facility and the grey bar beneath it representing the Ohio standard. The bar representing your facility will change color depending on whether your rate is **above**, **below** or **equal to** the Ohio standard.



6. Use the disk icon  to save the document as a PDF. The printable PDF document should be 4 pages long, with the current date in the footer. Print or email the document for analysis by your facility staff. If you need assistance in saving the file through Citrix, contact the VS HelpDesk at 614-466-2531 or VS.HelpDesk@odh.ohio.gov



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Indicator Descriptions

	IPHIS location
Mother's birth country or state unknown	On the Mother tab near the bottom.
Mother's Hispanic ethnicity unknown	Top of the Mother 2 tab.
Mother's race unknown	Mother 2 tab.
Payment source unknown	Bottom of the Facility tab.
Date of first prenatal visit unknown	Top of the Prenatal tab.
Number of prenatal visits unknown	Top of the Prenatal tab.
Prenatal care dates and visits inconsistent	Top of the Prenatal tab.
Mother's date of birth unknown	On the Mother tab near the bottom.
Mother's height unknown/invalid	In the middle section of the Mother 2 tab.
Mother's educational attainment unknown	On the Mother tab near the bottom.
Mother's WIC status unknown	In the middle section of the Mother 2 tab.
Mother's weight gain unlikely	In the middle of the Labor/Del tab, review the recently added field: 'Mother's Total Weight Gain' which uses 'Mother's Weight at Delivery' and also 'Prepregnancy Weight' on the Mother 2 tab.
Mother's smoking status unknown	In the middle section of the Mother 2 tab.
First prenatal visit date and birth date inconsistent	Field 'Date Prenatal Care Began' is at the top of the Prenatal tab.
Previous poor pregnancy outcome inconsistent	The number of previous births on the Prenatal tab (both living and dead) cannot be zero if risk factor 'h. Previous poor outcome' on the Preg tab is checked.
Other pregnancy outcome date unknown	Bottom of the Prenatal tab.
Route of delivery unknown	Bottom of the Labor/Del tab.
Number live born unknown if plural birth	On the Newborn tab.
Obstetric estimate of gestation weeks unknown	On the Newborn tab.
Gestation days unknown or invalid	On the Newborn tab.
Mother transfer status unknown	Top of the Labor/Del tab.
Progesterone administration unknown	Bottom of the Preg tab.
Infant breastfed at discharge unknown	Bottom of the Newborn tab.
Infant exclusively breastfed unknown	Bottom of the Newborn tab.
Gestation estimate, plurality, and birthweight unlikely	On the Newborn tab.
Mother's pre-pregnancy weight unknown or invalid	In the middle section of the Mother 2 tab.

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Mother’s residence inside city limits unknown	Top of the Mother tab.
Mother’s delivery weight unknown	In the middle section of the Labor/Del tab.
Untimely Birth Record Processing	Tracks elapsed days between birth and date the hospital facility completed the record. The variables used are the completion date (on the Summary tab) minus birth date. For example, if record is completed on the same day as birth, the lag statistic is zero.
Birth presentation unknown	Bottom of the Labor/Del tab.
Infant birthweight unknown or unlikely	Top of the Newborn tab.
Infant transfer status unknown	Bottom of the Newborn tab.
Facility Progress Report	The summary score is a single “grade” for each birth facility that will range up to but not over 100 (100 being the best score). Two points awarded for each indicator for which the hospital has an error rate below the standard. Timeliness points are also awarded based on the percentage of births completed within 10 days.

Peer Groups

Ohio birth facilities were divided into three comparison peer groups (large, medium or small) based on volume of births. This will enable hospital staff to compare their error rates to other facilities of a similar size. Following is the classification of facilities by volume with city name and IPHIS facility code.

LARGE	
FAIRVIEW HEALTH SYSTEM	CLEVELAND B033
GOOD SAMARITAN HOSPITAL - CINCINNATI	CINCINNATI B043
HILLCREST HOSPITAL	MAYFIELD HEIGHTS B052
MIAMI VALLEY HOSPITAL	DAYTON B083
OHIO STATE UNIVERSITY MEDICAL CENTER	COLUMBUS B090
RIVERSIDE METHODIST HOSPITALS	COLUMBUS B094
MOUNT CARMEL ST ANNS	WESTERVILLE B104
ST ELIZABETH BOARDMAN HEALTH CENTER	YOUNGSTOWN B250
SUMMA HEALTH SYSTEMS	AKRON B113
TOLEDO HOSPITAL	TOLEDO B114
UH CLEVELAND MEDICAL CENTER	CLEVELAND B121

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MEDIUM	
AKRON GENERAL MEDICAL CENTER	AKRON B002
AULTMAN HOSPITAL	CANTON B005
BETHESDA NORTH HOSPITAL	CINCINNATI B012
BLANCHARD VALLEY HOSPITAL	FINDLAY B014
CHRIST HOSPITAL	CINCINNATI B017
DUBLIN METHODIST HOSPITAL	DUBLIN B202
GENESIS HEALTHCARE SYSTEM	ZANESVILLE B011
GRANT MEDICAL CENTER	COLUMBUS B047
KETTERING MEDICAL CENTER	KETTERING B057
MERCY HEALTH - ANDERSON HOSPITAL	ANDERSON TWP B081
MERCY HEALTH - FAIRFIELD HOSPITAL	FAIRFIELD B077
MERCY HEALTH - ST RITAS	LIMA B111
MERCY MEDICAL CENTER	CANTON B080
METROHEALTH MEDICAL CENTER	CLEVELAND B082
MOUNT CARMEL EAST HOSPITAL	COLUMBUS B086
MOUNT CARMEL MEDICAL CENTER	COLUMBUS B087
SOUTHERN OHIO MEDICAL CENTER	PORTSMOUTH B100
SOUTHVIEW HOSPITAL AND MEDICAL CENTER	WASHINGTON TWP B101
SPRINGFIELD REGIONAL MEDICAL CENTER	SPRINGFIELD B225
UNIVERSITY OF CINCINNATI MEDICAL CENTER	CINCINNATI B120

SMALL	
ADENA REGIONAL MEDICAL CENTER	CHILLICOTHE B001
ALLIANCE COMMUNITY HOSPITAL	ALLIANCE B003
ASHTABULA COUNTY MEDICAL CENTER	ASHTABULA B004
ATRIUM MEDICAL CENTER	MIDDLETOWN B185
AULTMAN ORRVILLE HOSPITAL	ORRVILLE B029
BAINBRIDGE CARE CENTER	BAINBRIDGE B252
BAY PARK COMMUNITY HOSPITAL	OREGON B007
BELLEVUE HOSPITAL	BELLEVUE B008
BLESSED BEGINNINGS FAMILY CENTER	GREENWICH B150
BLUFFTON HOSPITAL	BLUFFTON B013
CINCINNATI CHILDRENS HOSPITAL MEDICAL CENTER	CINCINNATI B133
CLEVELAND CLINIC FOUNDATION	CLEVELAND B018
CLEVELAND CLINIC UNION HOSPITAL	DOVER B119
CLINTON MEMORIAL HOSPITAL	WILMINGTON B019
COMMUNITY HOSPITAL OF WILLIAMS COUNTY	BRYAN B022
COMMUNITY MEMORIAL HOSPITAL	HICKSVILLE B023
DEFIANCE REGIONAL MEDICAL CENTER	DEFIANCE B026

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SMALL	
DOCTORS HOSPITAL WEST	COLUMBUS B028
FAIRFIELD MEDICAL CENTER	LANCASTER B032
FIRELANDS REGIONAL MEDICAL CENTER	SANDUSKY B035
FISHER TITUS MEDICAL CENTER	NORWALK B036
FORT HAMILTON HOSPITAL	HAMILTON B038
FULTON CO HEALTH CENTER	WAUSEON B041
GALION COMMUNITY HOSPITAL	GALION B042
GOOD SAMARITAN HOSPITAL - DAYTON	DAYTON B044
GRADY MEMORIAL HOSPITAL	DELAWARE B046
HENRY COUNTY HOSPITAL	NAPOLEON B050
HIGHLAND DISTRICT HOSPITAL	HILLSBORO B051
HOLZER HEALTH SYSTEM	GALLIPOLIS B054
JOINT TOWNSHIP DISTRICT MEMORIAL	SAINT MARYS B110
KNOX COMMUNITY HOSPITAL	MOUNT VERNON B058
LAKEWEST MEDICAL CENTER	WILLOUGHBY B243
LAKEWOOD HOSPITAL	LAKEWOOD B060
LICKING MEMORIAL HOSPITAL	NEWARK B061
LIMA MEMORIAL HEALTH SYSTEM	LIMA B062
MADISON HEALTH	LONDON B063
MARIETTA MEMORIAL HOSPITAL	MARIETTA B064
MARION GENERAL HOSPITAL	MARION B065
MARY RUTAN HOSPITAL	BELLEFONTAINE B066
MCCULLOUGH HYDE HOSPITAL	OXFORD B069
MEDINA HOSPITAL	MEDINA B072
MEMORIAL HOSPITAL OF SANDUSKY	FREMONT B073
MEMORIAL HOSPITAL OF UNION COUNTY	MARYSVILLE B074
MERCER COUNTY COMMUNITY HOSPITAL	COLDWATER B075
MERCY HEALTH – LORAIN HOSPITAL	LORAIN B020
MERCY HEALTH - WEST HOSPITALS	GREEN TOWNSHIP B249
MERCY HOSPITAL OF TIFFIN	TIFFIN B078
MIAMI VALLEY HOSPITAL SOUTH	CENTERVILLE B245
MIDDLEFIELD CARE CENTER	MIDDLEFIELD B137
MOTHER CARE MIDWIFERY CENTER	MILLERSBURG B254
MT EATON CARE CENTER	MOUNT EATON B141
NEW BEDFORD CARE CENTER	FRESNO B142
OHIOHEALTH BERGER HOSPITAL	CIRCLEVILLE B010
OHIOHEALTH MANSFIELD HOSPITAL	MANSFIELD B071
OHIOHEALTH OBLENESS HOSPITAL	ATHENS B089
OHIOHEALTH SHELBY HOSPITAL	SHELBY B070
SALEM COMMUNITY HOSPITAL	SALEM B096
SOIN MEDICAL CENTER	BEAVERCREEK B248

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SMALL	
SOUTHEASTERN OHIO REGIONAL MEDICAL CTR	CAMBRIDGE B099
SOUTHWEST GENERAL HEALTH CENTER	MIDDLEBURG HEIGHTS B102
ST CHARLES HOSPITAL	OREGON B105
ST JOSEPH WARREN HOSPITAL	WARREN B108
ST LUKES HOSPITAL	MAUMEE B109
SUMMA HEALTH SYSTEM BARBERTON HOSPITAL	BARBERTON B006
TRINITY MEDICAL CENTER WEST	STEUBENVILLE B135
TRIPPOINT MEDICAL CENTER	CONCORD TOWNSHIP B242
TRUMBULL REGIONAL MEDICAL CENTER	WARREN B116
UH GEAUGA MEDICAL CENTER	CLARIDON TOWNSHIP B118
UH PORTAGE MEDICAL CENTER	RAVENNA B095
UNIVERSITY HOSPITALS ELYRIA MEDICAL CENTER	ELYRIA B134
UNIVERSITY HOSPITALS PARMA MEDICAL CENTER	PARMA B091
UNIVERSITY HOSPITALS SAMARITAN MEDICAL CENTER	ASHLAND B097
UPPER VALLEY MEDICAL CENTER	TROY B122
UNIVERSITY HOSPITALS ST JOHN MEDICAL CENTER	WESTLAKE B107
VAN WERT COUNTY HOSPITAL	VAN WERT B123
WAYNE HOSPITAL	GREENVILLE B125
WEST CHESTER HOSPITAL	WEST CHESTER B253
WILSON HEALTH	SIDNEY B126
WOOD COUNTY HOSPITAL	BOWLING GREEN B128
WOOSTER COMMUNITY HOSPITAL	WOOSTER B129
WRIGHT PATTERSON AIR FORCE BASE	WRIGHT PATTERSON AFB B130
WYANDOT MEMORIAL HOSPITAL	UPPER SANDUSKY B131