

**From:** Allen, Nadine <nallen@wha.org>

**Sent:** Thursday, May 6, 2021 3:35 PM

**Subject:** WHA QUALITY ALERT: 2020 Q4 Critical Congenital Heart Disease (CCHD) Screening Report

**This email applies to birth hospitals only.**

Screening for Critical Congenital Heart Disease (CCHD) is part of the mandatory newborn screening panel. The goal of this program is to get complete information on all infants.

The attached letter and aggregate results for 4th quarter 2020, for all birth hospitals, along with your individual results were sent to your birth center contact. WHA has agreed to help disseminate the same information to all of you. Please review the attached report and help your birth center identify what are likely simple process improvements if your hospital has lower performance.

If any of you have questions, please contact Kelsey directly at [kelsey.stevenson@dhs.wisconsin.gov](mailto:kelsey.stevenson@dhs.wisconsin.gov).

Thank you for taking a look at this and helping to keep babies safe.

Thanks,  
Nadine

Nadine Allen, MBA, CPHQ | Chief Quality Officer  
Wisconsin Hospital Association, Inc. (WHA)  
5510 Research Park Drive, Madison , WI 53711  
Phone: 608-268-1823 | Email: [nallen@wha.org](mailto:nallen@wha.org)



Tony Evers  
Governor



Karen Timberlake  
Interim Secretary

**State of Wisconsin**  
Department of Health Services

**DIVISION OF PUBLIC HEALTH**

1 WEST WILSON STREET  
PO BOX 2659  
MADISON WI 53701-2659

Telephone: 608-266-1251  
Fax: 608-267-2832  
TTY: 711 or 800-947-3529

Date: May 4, 2021

To: Newborn Nursery Managers and Out-of-Hospital Birth Attendants

Re: Newborn Critical Congenital Heart Disease Screening, October 1–December 31, 2020

The Wisconsin Department of Health Services (DHS) added screening for Critical Congenital Heart Disease (CCHD) by pulse oximetry to the Wisconsin Newborn Screening Program's panel of conditions, effective July 1, 2014, per Wis. Admin. Code § DHS 115.4.

Enclosed is a copy of your individual hospital or out-of-hospital report based on information submitted on the Newborn Screening Blood Collection form (blood card) to the Wisconsin State Laboratory of Hygiene (WSLH) for babies born between October 1 and December 31, 2020. Also included is a copy of a summary report organized by screening rates by individual hospitals. This report, in partnership with the Wisconsin Hospital Association (WHA), will be shared by WHA with hospital quality managers.

The DHS Newborn Screening Program contracts with Wisconsin SHINE (Screening Hearts in Newborns) at the University of Wisconsin School of Medicine and Public Health in collaboration with the Medical College of Wisconsin to support implementation of universal screening for CCHD. Wisconsin SHINE (<http://www.wisconsinshine.org/>) provides:

- CCHD screening protocols for the well-baby nursery and NICU.
- Technical assistance for questions about screening policy or procedure.
- Staff and parent education materials.
- Information on reporting screening results.

Included as part of the summary report are tips to help improve CCHD reporting created by Wisconsin SHINE. If you have questions on CCHD screening protocols or results, please contact Andrea Blom, Wisconsin SHINE, by email at [adblom@pediatrics.wisc.edu](mailto:adblom@pediatrics.wisc.edu). If you have questions on the data report methodology, please contact Kelsey Stevenson, Newborn Screening Data and System Integration Specialist, at the Department of Health Services by email at [kelsey.stevenson@dhs.wisconsin.gov](mailto:kelsey.stevenson@dhs.wisconsin.gov).

Thank you,

A handwritten signature in black ink, appearing to read "Anne Odusanya".

Anne Odusanya, DrPH, MPH  
Children and Youth with Special Health Care Needs Unit Supervisor  
Bureau of Community Health Promotion  
Wisconsin Division of Public Health

Newborn Critical Congenital Heart Disease Screening in Wisconsin  
October 1 to December 31, 2020

This report is a summary of newborn critical congenital heart disease (CCHD) screening results as submitted by hospitals and out of hospital providers on the Newborn Screening Blood Collection form (blood card) to the Wisconsin State Laboratory of Hygiene (WSLH). CCHD screening by pulse oximetry was added to the Wisconsin Newborn Screening Program's panel of conditions, effective July 3, 2014, as per Wis. Admin. Code § DHS 115.4.

Screening Results include **Pass**, **Fail** and **Unknown**. Not Screened Reasons include **Refused**, **Transferred**, **Deceased**, **Echo Normal**, **Confirmed Heart Disease**, and **Other**. This report is organized by report rates, with the highest rates appearing first. Total report rate includes all babies screened, or not screened but with a reason reported. If you have questions on this report, please contact Kelsey Stevenson at the Department of Health Services at [Kelsey.Stevenson@dhs.wisconsin.gov](mailto:Kelsey.Stevenson@dhs.wisconsin.gov) or 608-590-5142. If you have questions on screening protocols or missing results, please contact Andrea Blom at the Wisconsin SHINE Project at [adblom@pediatrics.wisc.edu](mailto:adblom@pediatrics.wisc.edu).

**Reminder:** Point-of-care screening (hearing and CCHD) should never delay submitting blood cards to the WSLH. If CCHD pulse oximetry testing is not done by the time the blood specimen is ready, update the point-of-care screening results in WE-TRAC.

**Tips for hospitals when completing blood cards:**

- Take a moment to review what is being sent. Did I record everything? Can I read it? Does it make sense?
- Please remember to check Pass or Fail when recording the Pulse Ox Screen Date on the newborn screening card. Cards with date and/or time only will be counted as Missing (No screening information reported).
- Please make all CCHD and hearing screening updates in WE-TRAC.
- **Do not fax CCHD or hearing screening updates to WSLH**

Blood Card Submitter	Reports Received (Screen Result or Reason Not Screened Reported)				Missing (No Information Reported)		Total Records
	Percent	Result	Reason	Total	Missing	Percent	
Amery Regional Medical Center	100.0%	18	0	18	0	0.0%	18
Ascension CSM-Ozaukee	100.0%	94	0	94	0	0.0%	94
Ascension Mercy Hospital-Oshkosh	100.0%	94	3	97	0	0.0%	97
Ascension St. Francis Hospital	100.0%	96	0	96	0	0.0%	96
Ascension St. Mary's Hospital-Rhineland	100.0%	38	2	40	0	0.0%	40
Ascension St. Michael's-Stevens Point	100.0%	98	0	98	0	0.0%	98
Aspirus Langlade Hospital-Antigo	100.0%	53	0	53	0	0.0%	53
Aspirus Riverview Hospital-Wisc Rapids	100.0%	116	1	117	0	0.0%	117
Aurora Lakeland Medical Center-Elkhorn	100.0%	133	0	133	0	0.0%	133
Aurora Medical Center-Kenosha	100.0%	277	1	278	0	0.0%	278
Aurora Medical Center-Oshkosh	100.0%	148	4	152	0	0.0%	152
Beaver Dam Community Hospitals	100.0%	46	0	46	0	0.0%	46



Blood Card Submitter	Reports Received (Screen Result or Reason Not Screened Reported)				Missing (No Information Reported)		Total Records
	Percent	Result	Reason	Total	Missing	Percent	
Bellin Hospital-Green Bay	100.0%	305	2	307	0	0.0%	307
Black River Memorial Hospital	100.0%	20	1	21	0	0.0%	21
Crossing Rivers Health-Prairie du Chien	100.0%	29	0	29	0	0.0%	29
Divine Savior Healthcare	100.0%	43	1	44	0	0.0%	44
Door County Medical Center	100.0%	31	1	32	0	0.0%	32
F&MCW St. Joseph's Hospital-West Bend	100.0%	125	0	125	0	0.0%	125
Froedtert South-St. Catherine-Pleasant	100.0%	148	1	149	0	0.0%	149
Grant Regional Health Center-Lancaster	100.0%	26	1	27	0	0.0%	27
Holy Family Memorial Medical Center	100.0%	24	0	24	0	0.0%	24
HSBS Sacred Heart Hospital-Eau Claire	100.0%	170	5	175	0	0.0%	175
Lakeview Medical Center-Rice Lake	100.0%	90	3	93	0	0.0%	93
Marshfield Clinic-Eau Claire Center	100.0%	112	0	112	0	0.0%	112
Marshfield Medical Center	100.0%	210	12	222	0	0.0%	222
Marshfield Medical Center-Weston	100.0%	74	0	74	0	0.0%	74
Mayo Clinic Health System-Eau Claire	100.0%	224	11	235	0	0.0%	235
Mayo Clinic Health System-La Crosse	100.0%	130	4	134	0	0.0%	134
Mayo Clinic Health System-Northland	100.0%	37	0	37	0	0.0%	37
Mayo Clinic Health System-Menomonie	100.0%	55	1	56	0	0.0%	56
Memorial Medical Center-Ashland	100.0%	46	1	47	0	0.0%	47
Monroe Clinic	100.0%	112	2	114	0	0.0%	114
Prairie Ridge Health	100.0%	31	0	31	0	0.0%	31
ProHealth Oconomowoc Memorial	100.0%	85	0	85	0	0.0%	85
ProHealth Waukesha Memorial Hospital	100.0%	363	20	383	0	0.0%	383
Reedsburg Area Medical Center	100.0%	54	1	55	0	0.0%	55
Richland Hospital	100.0%	35	0	35	0	0.0%	35
Sauk Prairie Healthcare	100.0%	81	0	81	0	0.0%	81
Southwest Health Center-Platteville	100.0%	45	0	45	0	0.0%	45
SSM Health St. Mary's Hospital Janesville	100.0%	87	0	87	0	0.0%	87
SSM Health St. Mary's Hospital Madison	100.0%	355	62	417	0	0.0%	417
SSM St. Clare Hospital-Baraboo	100.0%	37	0	37	0	0.0%	37
St. Agnes Hospital	100.0%	179	1	180	0	0.0%	180
St. Croix Regional Medical Center	100.0%	57	1	58	0	0.0%	58
ThedaCare Medical Center-Waupaca	100.0%	29	0	29	0	0.0%	29
ThedaCare Medical Center-Appleton	100.0%	202	6	208	0	0.0%	208
ThedaCare Medical Center-Neenah	100.0%	286	11	297	0	0.0%	297



Blood Card Submitter	Reports Received (Screen Result or Reason Not Screened Reported)				Missing (No Information Reported)		Total Records
	Percent	Result	Reason	Total	Missing	Percent	
	Upland Hills Health	100.0%	46	0	46	0	
Vernon Memorial Healthcare	100.0%	32	1	33	0	0.0%	33
Watertown Regional Medical Center	100.0%	32	0	32	0	0.0%	32
Waupun Memorial Hospital	100.0%	34	0	34	0	0.0%	34
Wheaton Franciscan Healthcare-	100.0%	79	4	83	0	0.0%	83
Ascension CSM Women's-Milwaukee	99.8%	568	27	595	1	0.2%	596
St. Joseph's Hospital-Milwaukee	99.8%	402	16	418	1	0.2%	419
All Saints Hospital-Racine	99.7%	299	8	307	1	0.3%	308
Froedtert Hospital	99.6%	698	60	758	3	0.4%	761
Aurora Medical Center-Grafton	99.6%	225	4	229	1	0.4%	230
Unity Point Health Meriter-Madison	99.6%	1,039	99	1,138	5	0.4%	1,143
F&MCW-Community Memorial Hospital	99.5%	198	2	200	1	0.5%	201
Gundersen Health System	99.5%	389	9	398	2	0.5%	400
Ascension NE St. Elizabeth Hospital-	99.3%	278	18	296	2	0.7%	298
Aurora Medical Center-Summit	99.2%	127	1	128	1	0.8%	129
HSHS St. Vincent Hospital-Green Bay	99.1%	311	19	330	3	0.9%	333
Aurora West Allis Medical Center	99.1%	720	46	766	7	0.9%	773
Aurora Sheboygan Memorial Medical	99.0%	191	3	194	2	1.0%	196
Beloit Health System	98.9%	85	1	86	1	1.1%	87
Aurora Medical Center of Manitowoc	98.8%	82	1	83	1	1.2%	84
Fort HealthCare	98.6%	70	0	70	1	1.4%	71
Tomah Health	98.2%	56	0	56	1	1.8%	57
Mercyhealth Hospital-Janesville	98.2%	159	8	167	3	1.8%	170
Marshfield Medical Center-Minocqua	98.1%	52	0	52	1	1.9%	53
Aurora BayCare Medical Center-Green	97.8%	335	13	348	8	2.2%	356
HSHS St. Nicholas Hospital-Sheboygan	97.6%	40	0	40	1	2.4%	41
Aspirus Medford Hospital	97.3%	36	0	36	1	2.7%	37
Aspirus Wausau Hospital	97.0%	302	19	321	10	3.0%	331
ThedaCare Medical Center-Shawano	96.5%	55	0	55	2	3.5%	57
ThedaCare Medical Center-Berlin	96.3%	26	0	26	1	3.7%	27
Aurora Medical Center Bay Area	96.2%	25	0	25	1	3.8%	26
Hudson Hospital	95.9%	117	1	118	5	4.1%	123
Western Wisconsin Health-Baldwin	95.9%	45	2	47	2	4.1%	49
<b>Out of Hospital Providers</b>	95.9%	413	27	440	19	4.1%	459
<b>County Health Departments</b>	95.7%	44	1	45	2	4.3%	47
Westfields Hospital-New Richmond	95.2%	19	1	20	1	4.8%	21



Blood Card Submitter	Reports Received (Screen Result or Reason Not Screened Reported)				Missing (No Information Reported)		Total Records
	Percent	Result	Reason	Total	Missing	Percent	
	Mile Bluff Medical Center-Mauston	95.1%	39	0	39	2	
Mercyhealth Hospital-Walworth	94.7%	36	0	36	2	5.3%	38
Aurora Sinai Medical Center	94.5%	492	28	520	30	5.5%	550
Hayward Area Memorial Hospital	90.9%	19	1	20	2	9.1%	22
Osceola Medical Center	88.9%	15	1	16	2	11.1%	18
<b>Wisconsin Totals*</b>	<b>98.9%</b>	<b>13,381</b>	<b>580</b>	<b>13,961</b>	<b>159</b>	<b>1.1%</b>	<b>14,120</b>

\*Totals include results not reported in the above table, such as those with missing submitter data and non-routine birth facilities.