

**From:** Allen, Nadine <nallen@wha.org>  
**Sent:** Tuesday, January 14, 2025, 1:14 PM  
**Subject:** WHA Quality Alert: Q4 NBS Summary Report

\*This is applicable to birthing hospitals only

Attached is the state-wide summary report distributed by the State Lab of Hygiene. If your hospital has not received your individual report, please contact Leah Ricci at the email address below.

Thanks,

Nadine

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**From:** Ricci, Leah A - DHS (WSLH) <[leah.ricci@dhs.wisconsin.gov](mailto:leah.ricci@dhs.wisconsin.gov)>  
**Sent:** Tuesday, January 14, 2025 10:46 AM  
**To:** Allen, Nadine <nallen@wha.org>  
**Subject:** [External]Q4 NBS Summary

Hi Nadine,

Attached is the Q4 Newborn Screening Summary report. I also distributed the individual hospital reports.



Leah Ricci (she, her, hers)  
Newborn Screening Data Reporting Specialist supporting the  
[Wisconsin Department of Health Services \(dhs.wi.gov\)](https://dhs.wi.gov)  
UW-Madison, State Laboratory of Hygiene  
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## Critical Congenital Heart Disease (CCHD) & Hearing Newborn Screening Summary Report

This report includes a summary of all CCHD & hearing screenings done across Wisconsin in the last year. This report is broken down by birthing unit.

### Critical Congenital Heart Disease (CCHD) (January-December 2024)

Screening Report	Statewide in Hospital	In Hospital-Regional					Statewide out of Hospital
		Northern	Northeastern	Southern	Southeastern	Western	
Total newborn screening cases	56,207	5,127	11,884	10,946	21,503	6,747	2,484
<b>CCHD</b>							
Babies who passed screening	54,898 (97.7%)	4,985 (97.2%)	11,640 (97.9%)	10,739 (98.1%)	20,924 (97.3%)	6,610 (98.0%)	2,294 (92.4%)
Babies who did not pass screening	74 (0.1%)	11 (0.2%)	14 (0.1%)	18 (0.2%)	18 (0.1%)	13 (0.2%)	3 (0.1%)
Babies who were screened but results are unknown	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)
Babies not screened—reason reported	678 (1.2%)	78 (1.5%)	107 (0.9%)	102 (0.9%)	307 (1.4%)	84 (1.2%)	136 (5.5%)
▪ Confirmed heart disease	180	20	23	44	66	27	3
▪ Deceased/Hospice	141	15	27	28	59	12	2
▪ Echo normal	291	37	51	23	149	31	0
▪ Moved out of state/born out of state	1	0	0	1	0	0	0
▪ Refused screen	65	6	6	6	33	14	130
▪ Reviewed and closed by WSB staff	0	0	0	0	0	0	1
Babies transferred—Waiting on hospital who received transfer to enter results	394 (0.7%)	26 (0.5%)	89 (0.7%)	64 (0.6%)	194 (0.9%)	21 (0.3%)	7 (0.3%)
Babies who need follow up by birthing unit	163 (0.3%)	27 (0.5%)	34 (0.3%)	23 (0.2%)	60 (0.3%)	19 (0.3%)	43 (1.7%)
▪ Missing—no results reported	62	10	7	9	35	1	33
▪ Missing—partial results reported	9	0	2	1	5	1	0
▪ Missing—other/deferred	92	17	25	13	20	17	10

### CCHD Benchmark Indicators (Last 12 months)

	Statewide in Hospital	Northern	Northeastern	Southern	Southeastern	Western	Statewide out of Hospital
Average time between CCHD screening and time data was received by WE-TRAC	5.9 days	5.8 days	6.6 days	6.4 days	4.9 days	5.3 days	6.2 days

# Critical Congenital Heart Disease (CCHD) & Hearing Newborn Screening Summary Report

## Hearing

	Statewide in Hospital	In Hospital-Regional					Statewide out of Hospital
		Northern	Northeastern	Southern	Southeastern	Western	
Total newborn screening cases	56,207	5,127	11,884	10,946	21,503	6,747	2,484
<b>Hearing</b>							
Babies who passed screening	54,830 (97.6%)	4,961 (96.8%)	11,631 (97.9%)	10,698 (97.7%)	21,062 (97.9%)	6,478 (96.0%)	1,518 (61.1%)
Babies who did not pass screening	734 (1.3%)	89 (1.7%)	124 (1.0%)	93 (0.8%)	244 (1.1%)	184(2.7%)	39 (1.6%)
▪ Hearing within normal limits	191	26	10	14	43	98	3
▪ Permanent hearing loss	88	7	13	8	49	11	0
▪ Transient conductive hearing loss	24	5	4	1	12	2	0
▪ No diagnostic evaluation	431	51	97	70	140	73	36
○ Deceased	5	1	0	3	1	0	0
○ Lost to follow up/ Lost to documentation	17	2	5	6	2	2	0
○ Refused	17	2	2	1	6	6	3
○ Transferred	187	25	19	39	74	30	9
○ Unresponsive family	46	5	9	5	17	10	0
○ Other	25	0	2	4	5	14	2
○ Open on birthing unit queue	134	16	60	12	35	11	22
Babies not screened—reason reported	288 (0.5%)	33 (0.6%)	54 (0.5%)	68 (0.6%)	78 (0.4%)	55 (0.8%)	731 (29.4%)
▪ Deceased/Hospice	143	14	28	24	62	15	3
▪ Lost follow up/Lost to documentation	4	0	3	1	0	0	11
▪ Moved/non-resident	3	0	0	3	0	0	2
▪ Refused	107	18	17	23	12	37	641
▪ Reviewed and closed by WSB staff	10	0	5	4	1	0	0
▪ Unresponsive family	2	0	1	0	0	1	26
▪ Other	19	1	0	13	3	2	48
Babies transferred—Waiting on hospital who received transfer to enter data	240 (0.4%)	23 (0.4%)	57 (0.5%)	63 (0.6%)	74 (0.3%)	23 (0.3%)	22 (0.9%)

## Critical Congenital Heart Disease (CCHD) & Hearing Newborn Screening Summary Report

Babies who need follow up by birthing unit	115 (0.2%)	21 (0.4%)	18 (0.2%)	24 (0.2%)	45 (0.2%)	7 (0.1%)	174 (7.0%)
▪ Missing—no results reported	80	17	4	17	38	4	174
▪ Missing—partial results reported	4	0	1	1	1	1	0
▪ Missing—equipment failure	5	0	0	5	0	0	0
▪ Missing—NICU	26	4	13	1	6	2	0

Hearing Benchmark Indicators							
	Statewide in Hospital	Northern	Northeastern	Southern	Southeastern	Western	Statewide out of Hospital
1 MET (Babies screened by 1 month of age)	96.6%	96.2%	96.7%	96.6%	96.5%	97.1%	54.1%
3 MET (Babies with a diagnosis by 3 months of age)	33.8%	34.8%	17.7%	17.2%	30.7%	56.5%	7.7%
6 MET (Babies <b>referred</b> to early intervention by 6 months of age)	72.3%	33.3%	70.6%	77.8%	85.2%	46.2%	N/A
6 MET (Babies <b>referred</b> to early intervention by 6 months of age)	26.8%	8.3%	11.8%	55.6%	32.8%	15.4%	N/A