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Début en santé. Longue vie en santé.

BORN Ontario

NICU/SCN Profile Reports

NICU/SCN Profile reports training
June 2013

Objectives

- Brief overview:
 - BORN Ontario
 - BORN Information System (BIS)
 - Accessing reports/permissions
 - Demo NICU/SCN profile report
 - Highlights and FYI
 - Q&A

Note:

- The presentation will be uploaded to the BORN website the first week of July
- NICU/SCN profile reports will be available June 28th



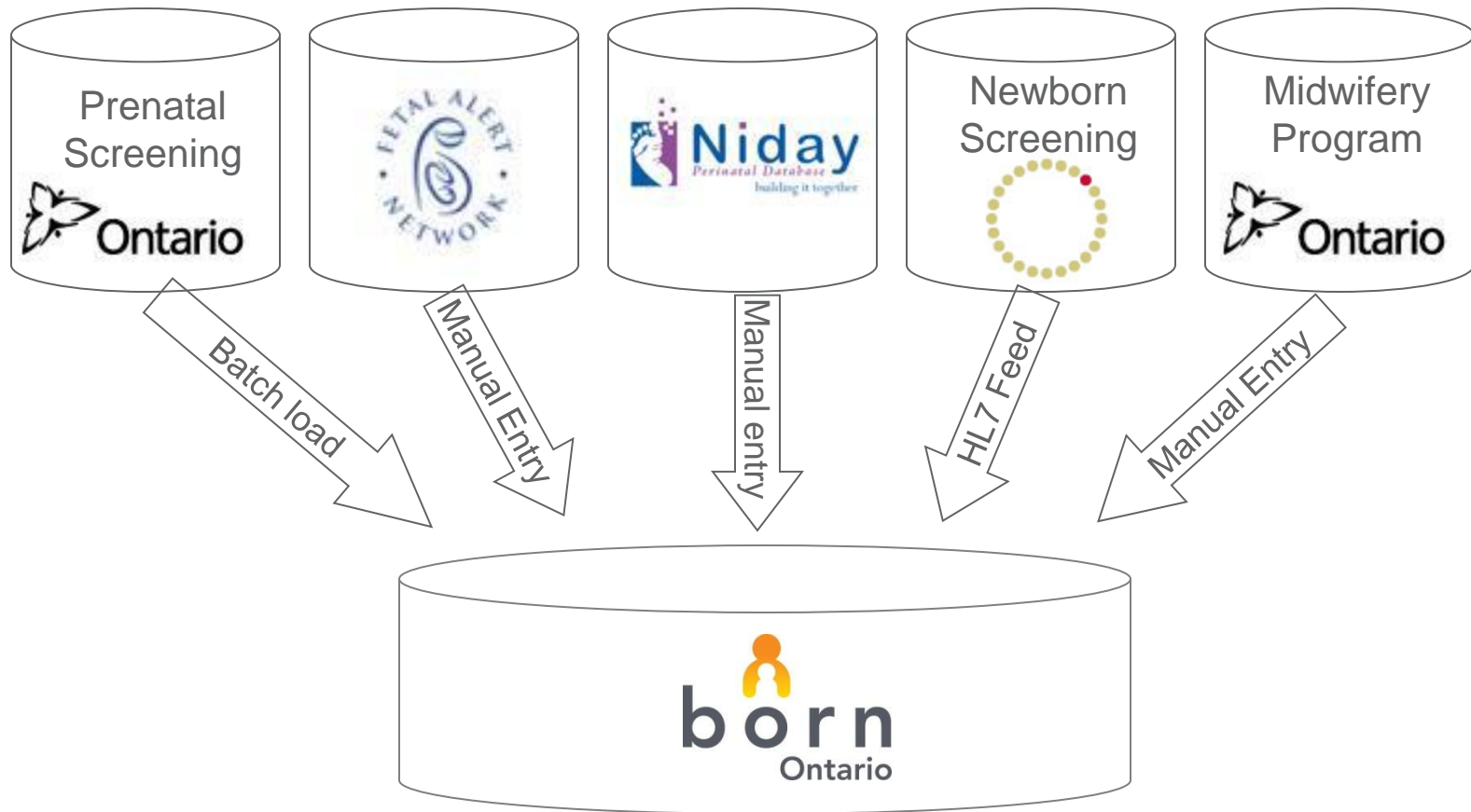
BORN is a PHIPA Registry

- BORN (as OPSS) was granted registry Status under the *Personal Health Information Privacy Act (PHIPA)* in Nov 2009

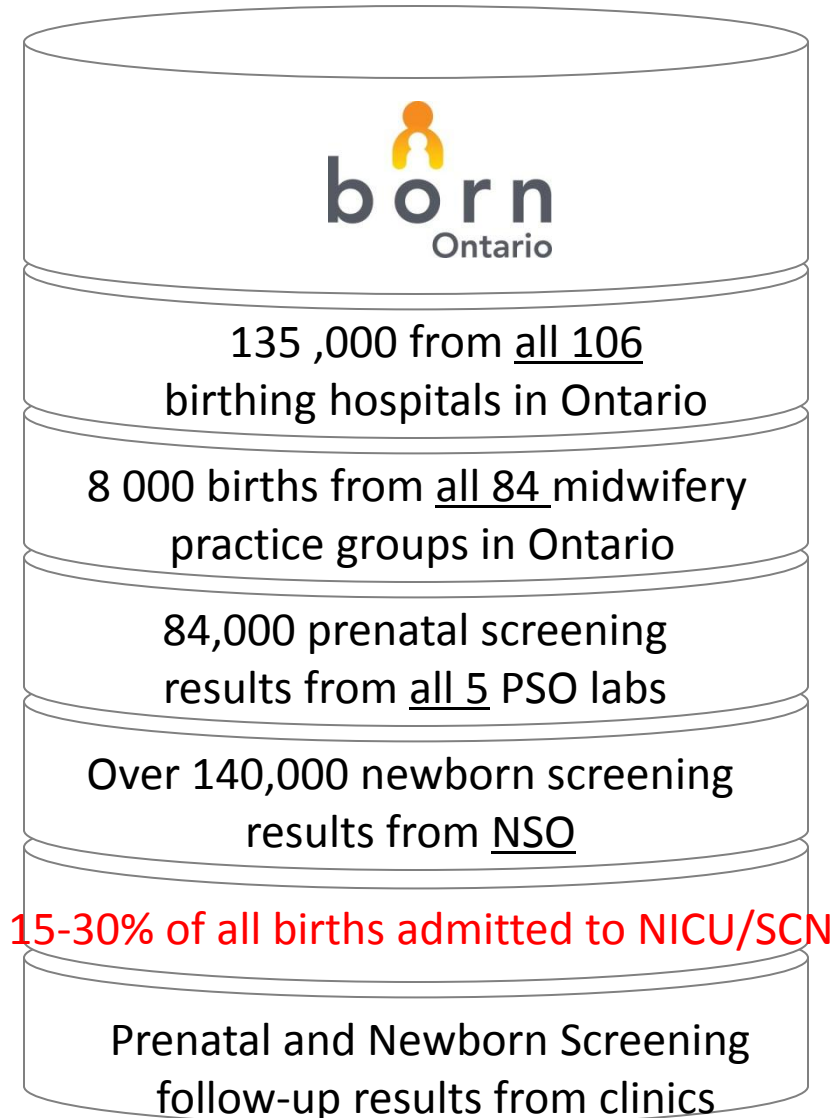


Registry status affords BORN authority to collect, use and disclose personal health information **without consent** “for the purpose of “facilitating or improving the provision of health care”.

BORN Beginning: The Integration



BORN Build: Volumes of Data



- Batch Upload
- Queue Management
- Linking and Matching
- Patient Search
- Reporting**
- Administration
- My Profile
- Midwifery Invoice System
- Help
- Sign Out

BORN Portal

Patient Search

OHIP #:


or

ID #:

or

Family Name:

Given Name:

Date of Birth: 

Search

[Advanced Search](#)

Welcome Sarah Buchan

Announcements

[BORN Coordinators Contact Information](#)

[BIS Reporting Roadmap Now Available](#)

[The BORN Ontario Maternal Newborn Dashboard is live!](#)

[BORN Information BITS](#)

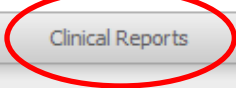


Page size: 10

4 items in 1 pages

Reporting

Recommend using IE 8. Google Chrome is not supported



Dashboards

Clinical Reports

Administrative Reports

Analytical Report Tool

The following report(s) require a one day lag for the clinical data to be updated in BORN.
Changes made today will not be reflected in reports until tomorrow.

Click here for the [Maternal Newborn Dashboard Report](#)

Dashboard - Maternal Newborn

Organization

[View Report](#)

NICU/SCN Reports

Click on a Report Name link to view the report

Report Name	Description	Report Update Timing
NICU/SCN Profile	NICU Profile	One day lag

NICU/SCN Profile


Start Date:	<input type="text" value="4/1/2012"/>		End Date:	<input type="text" value="3/31/2013"/>	
Date Type:	<input type="text" value="Admission date"/>	<input type="button" value="v"/>	Organization:	<input type="text"/>	<input type="button" value="v"/>
Calendar Type:	<input type="text" value="Fiscal"/>	<input type="button" value="v"/>	Expand Rows:	<input type="text" value="No"/>	<input type="button" value="v"/>

The 'Expand Rows' dropdown menu is open, showing options: No, Yes, No. A red arrow points to the 'Yes' option.

Can't find the report? Check with your local BORN Administrator to ensure you have the correct access permissions (i.e. clinical report access)

Click on Assign Access Permission to specify the organizations to which the user has data access.

Assign Access Permissions

Organization	Role(s)	Edit Contact Information	Revoke Access
Trillium Health Partners - Mississauga Hospital site	<input type="checkbox"/> Clinic Data Entry – Antenatal Record report <input type="checkbox"/> Hospital Data Analysis – Administrative reports <input checked="" type="checkbox"/> Hospital Data Analysis – Clinical reports <input checked="" type="checkbox"/> Hospital Data Analysis – Standard reports <input checked="" type="checkbox"/> Hospital Data Analysis – Standard reports NICU <input type="checkbox"/> Hospital Data Entry – Antenatal General <input type="checkbox"/> Hospital Data Entry – Birth (Mother and Child) <input type="checkbox"/> Hospital Data Entry – Labour <input type="checkbox"/> Hospital Data Entry – NICU <input type="checkbox"/> Hospital Data Entry – Post Partum (Mother and Child) <input type="checkbox"/> Leadership - Mat/Newborn Dashboard <input type="checkbox"/> NIDAY File Conversion Tool <input type="checkbox"/> Organization Data Upload <input type="checkbox"/> Organization Local Administration <input type="checkbox"/> Organization queue management (L&M only) <input type="checkbox"/> Organization queue management (Upload only)		<input type="checkbox"/>

Save

Cancel

Development of reports

- Based on profile of birth child and infant indicators
- Stakeholder engagement
- NN subcommittee of MNOC
- Validation and rules for calculations
- Piloted – one site
- First pass – feedback requested !!

Highlights

- NICU/SCN data for your own site only
- Transfer from “other hospital” if not born in your hospital

Demo

- 16 “canned” reports
- Choose your date range
- Comparators to same LOC
- Analyze/manipulate in Excel
- Read definitions and notes

Document Map

NICU Profile

[Month end data acknowledgement summary](#)

[Rate of all NICU/SCN admissions, by location of birth and type of admission](#)

[Primary NICU/SCN admissions, by location of birth](#)

[Location of admission, by all NICU/SCN admissions](#)

[Rate of primary NICU/SCN admissions for singleton live births, by gestational age at birth and size for gestational age \(SGA, AGA or LGA\)](#)

[Rate of primary NICU/SCN admissions for singleton live births, by birth weight and size for gestational age \(SGA, AGA or LGA\)](#)

[NICU/SCN Interventions, by gestational age at birth](#)

[Resuscitation methods, by gestational age at birth](#)

[Arterial cord blood pH, by gestational age at birth](#)

[Venous cord blood pH, by gestational age at birth](#)

[Feeding type at discharge/transfer, by gestational age at birth](#)

[Type of respiratory support, by gestational age at birth](#)

[Location of discharge/transfer, by all NICU/SCN admissions](#)

[Rate of neonatal death, by gestational age \(GA\) at birth, and days of life](#)

[Distribution of weight loss/gain since birth of primary admissions, by gestational age at birth](#)

[Distribution of infant length of stay \(LOS\), by gestational age at birth](#)

Month end data acknowledgement summary

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

Month	Data acknowledged
	Hospital 1
April 2012	Yes
May 2012	Yes
June 2012	Yes
July 2012	Yes
August 2012	Yes
September 2012	Yes
October 2012	Yes
November 2012	Yes
December 2012	Yes
January 2013	Yes
February 2013	Yes
March 2013	Yes

Data source BORN Ontario, 2012-2013

Definition of indicator Summary of month end acknowledgement.

Rate of all NICU/SCN admissions, by inborn location of birth and type of admission

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	NICU/SCN admissions	Inborn						
		Total		Primary admission		Re-admission		
	n	n	%	n	%	n	%	
Hospital 1	726	697	96.0	656	94.1	41	5.9	
2012-2013	726	697	96.0	656	94.1	41	5.9	
Q1 2012-2013	182	173	95.1	156	90.2	17	9.8	
Apr 2012	69	67	97.1	60	89.6	7	10.4	
May 2012	60	55	91.7	49	89.1	6	10.9	
Jun 2012	53	51	96.2	47	92.2	4	7.8	
Q2 2012-2013	197	186	94.4	177	95.2	9	4.8	
Q3 2012-2013	189	187	98.9	177	94.7	10	5.3	
Q4 2012-2013	158	151	95.6	146	96.7	5	3.3	
Other Neonatal Level X hospitals	2,905	2,240	77.1	2,188	97.7	52	2.3	Hospitals with acknowledged data submission
2012-2013	2,905	2,240	77.1	2,188	97.7	52	2.3	
Q1 2012-2013	815	644	79.0	630	97.8	14	2.2	
Apr 2012	246	204	82.9	201	98.5	<6	S	12 of 14
May 2012	282	221	78.4	213	96.4	8	3.6	11 of 14
Jun 2012	287	219	76.3	216	98.6	<6	S	11 of 14
Q2 2012-2013	851	656	77.1	645	98.3	11	1.7	
Q3 2012-2013	725	562	77.5	543	96.6	19	3.4	
Q4 2012-2013	514	378	73.5	370	97.9	8	2.1	

Definition of indicator

The number and percentage of outborn NICU/SCN admissions by type of admission, expressed as a percentage of the total number of all NICU/SCN admissions (in a given place and time) excluding infants not discharged from NICU/SCN.

An outborn patient is defined as an infant where birth location and NICU/SCN admission are not in the same hospital site.

Notes

1. The 'Other same level of care hospitals' data is expressed as the number of NICU/SCN admissions, distributed by the time of admission, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.

2. Outborn Primary admission includes infants born in another hospital and admitted for the first time to this hospital NICU/SCN.

3. Outborn Readmission includes infants born in another hospital, admitted to this NICU/SCN discharged from this NICU/SCN and returned to this NICU /SCN.

Primary NICU/SCN admissions, by location of birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	NICU/SCN hospital data			Birth hospital data		
	Inborn primary NICU/SCN admissions	Outborn primary NICU/SCN admissions	Total primary admissions NICU/SCN	Live births	Inborn NICU/SCN primary admission rate	
	n	n	n	n	%	
Hospital 1	656	28	684	1403	2.0	
2012-2013	656	28	684	1403	2.0	
Q1 2012-2013	156	9	165	336	2.7	
Apr 2012	60	2	62	116	1.7	
May 2012	49	5	54	106	4.7	
Jun 2012	47	2	49	114	1.8	
Q2 2012-2013	177	11	188	391	2.8	
Q3 2012-2013	177	2	179	357	0.6	
Q4 2012-2013	146	6	152	319	1.9	
Other Neonatal Level X hospitals	2,188	636	2,824	15,682	14.0	Hospitals with acknowledged data submission
2012-2013	2,188	636	2,824	15,682	14.0	
Q1 2012-2013	630	160	790	4,411	14.3	
Apr 2012	201	39	240	1,579	12.7	12 of 14
May 2012	213	58	271	1,429	14.9	11 of 14
Jun 2012	216	63	279	1,403	15.4	11 of 14
Q2 2012-2013	645	190	835	4,549	14.2	
Q3 2012-2013	543	156	699	3,580	15.2	
Q4 2012-2013	370	130	500	3,142	11.8	

Definition of indicator *The number and percentage of inborn primary NICU/SCN admissions expressed as a percentage of the total number of live births (in a given place and time) excluding infants not discharged from NICU/SCN.*

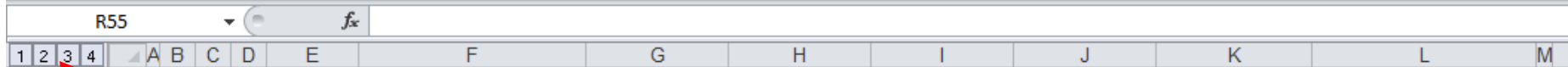
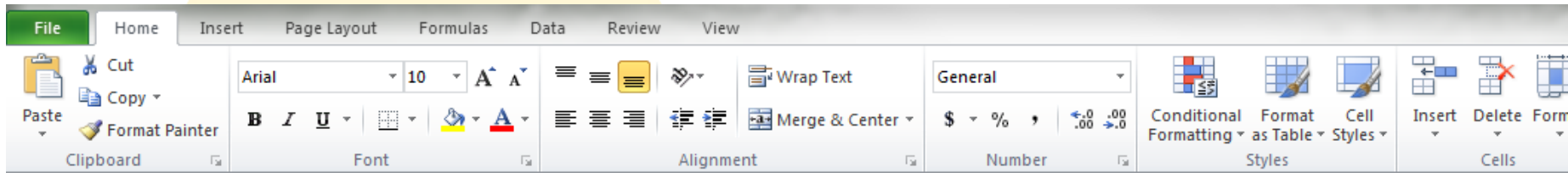
An inborn patient is defined as an infant where birth location and NICU/SCN admission are in the same hospital site.

An outborn patient is defined as an infant where birth location and NICU/SCN admission are not in the same hospital site.

Notes *1. The 'Other same level of care hospitals' data is expressed as the number of inborn/outborn primary NICU/SCN admissions of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.*

2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.

3. if the selected site is not a maternal newborn site, live births is N/A.



born Ontario **NICU/SCN Profile Report**

Primary NICU/SCN admissions, by location of birth
 Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

			NICU/SCN hospital data			Birth hospital data		
			Inborn primary NICU/SCN admissions	Outborn primary NICU/SCN admissions	Total primary admissions NICU/SCN	Live births	Inborn NICU/SCN primary admission rate	
			n	n	n	n	%	
Hospital 1			656	28	684	1403	2.0	
2012-2013			656	28	684	1403	2.0	
Q1 2012-2013			156	9	165	336	2.7	
Q2 2012-2013			177	11	188	391	2.8	
Q3 2012-2013			177	2	179	357	0.6	
Q4 2012-2013			146	6	152	319	1.9	
Other Neonatal Level X hospitals			2,188	636	2,824	15,682	14.0	
								Hospitals with acknowledged data submission



Location of admission, by all NICU/SCN admissions

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	NICU/SCN admissions	Primary		Re-admission		
	n	n	%	n	%	
Hospital 1	726	684	94.2	42	5.8	
Labour and Birth Unit	585	585	80.6	0	0.0	
Mother Baby unit (Postpartum)	98	70	9.6	28	3.9	
Other Hospital	38	25	3.4	13	1.8	
NICU/SCN same Hospital	2	1	0.1	1	0.1	
Admitted from Emergency Department	1	1	0.1	0	0.0	
Home	2	2	0.3	0	0.0	
Other Neonatal Level X hospitals	2905	2824	97.2	81	2.8	Hospitals with acknowledged data submission
Labour and Birth Unit	1718	1718	59.1	0	0.0	
Mother Baby unit (Postpartum)	668	646	22.2	22	0.8	
Other Hospital	265	225	7.7	40	1.4	
NICU/SCN same Hospital	237	218	7.5	19	0.7	
Paediatric unit	<6	<6	5	0	0.0	
Admitted from Emergency Department	7	7	0.2	0	0.0	
Home	8	8	0.3	0	0.0	

Definition of indicator *The number and percentage of all NICU/SCN admissions by location of transfer, expressed as a percentage of the total number of all NICU/SCN admissions (in a given place and time) excluding infants not discharged from NICU/SCN.*

- Notes**
1. The 'Other same level of care hospitals' data is expressed as the number of NICU/SCN admissions, distributed by location of admission, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
 2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.
 3. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.

Rate of primary NICU/SCN admissions for singleton live births, by gestational age at birth and size for gestational age (SGA, AGA or LGA)

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
<24 weeks	0	0.0	<6	S	
24-25 weeks	2	0.3	<6	S	
AGA	1	50.0	<6	S	
2012-2013	1	100.0	<6	S	
Q1 2012-2013	0	0.0	<6	S	
Q2 2012-2013	1	100.0	<6	S	
Aug 2012	0	0.0	<6	S	9 of 14
Sep 2012	1	100.0	<6	S	11 of 14
LGA	1	50.0	0	0.0	
2012-2013	1	100.0	0	0.0	
Q1 2012-2013	1	100.0	0	0.0	
Apr 2012	1	100.0	0	0.0	12 of 14
26-30 weeks	3	0.5	17	0.8	
31-33 weeks	7	1.1	73	3.5	
34-36 weeks	57	8.9	425	20.6	
37-40 weeks	482	75.0	1,340	64.9	
≥41 weeks	92	14.3	200	9.7	
Total number of primary NICU/SCN singleton admissions	643	100.0	2,064	100.0	
Total number of primary NICU/SCN singleton admissions missing birth weight	0	0.0	<6	S	
Total number of primary NICU/SCN singleton admissions missing gestational age at birth	0	0.0	<6	S	

Definition of indicator The number and percentage of primary NICU/SCN admissions by gestational age and size for gestational age at the time of the birth in completed weeks for singleton live births, expressed as a percentage of the total number of NICU/SCN singleton admissions (in a given place and time) excluding infants not discharged from NICU/SCN.

- Notes**
1. SGA, AGA and LGA rates are based on a Canadian, population-based reference standard (Pediatrics 2001;108:E35).
 2. The 'Other same level of care hospitals' data is expressed as the number of primary NICU/SCN admissions, by gestational age at birth in completed weeks and infant size for gestational age (SGA, AGA or LGA), of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
 3. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.

Rate of primary NICU/SCN admissions for singleton live births, by birth weight and size for gestational age (SGA, AGA or LGA)

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
<500 g	1	0.2	<6	S	11 of 14
SGA	1	100.0	<6	S	
2012-2013	1	100.0	<6	S	
Q1 2012-2013	0	0.0	<6	S	
Q2 2012-2013	1	100.0	0	0.0	
Jul 2012	1	100.0	0	0.0	
Q4 2012-2013	0	0.0	<6	S	
500-749 g	1	0.2	<6	S	
750-999 g	2	0.3	<6	S	
1000-1249 g	1	0.2	<6	S	
1250-1499 g	1	0.2	16	0.8	
1500-2499 g	39	6.1	356	17.2	
2500-3499 g	320	49.8	943	45.7	
3500-4499 g	261	40.6	661	32.0	
≥4500 g	17	2.6	68	3.3	
Total number of primary NICU/SCN singleton admissions	643	100.0	2,064	100.0	
Total number of primary NICU/SCN singleton admissions missing birth weight	0	0.0	<6	S	
Total number of primary NICU/SCN singleton admissions missing gestational age at birth	0	0.0	<6	S	

Definition of indicator *The number and percentage of primary NICU/SCN admissions by birth weight and size for gestational age at the time of the birth in completed weeks for singleton live births, expressed as a percentage of the total number of NICU/SCN singleton admissions (in a given place and time) excluding infants not discharged from NICU/SCN.*

- Notes**
1. SGA, AGA and LGA rates are based on a Canadian, population-based reference standard (Pediatrics 2001;108:E35).
 2. The 'Other same level of care hospitals' data is expressed as the number of primary NICU/SCN admissions, by birth weight and infant size for gestational age (SGA, AGA or LGA), of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
 3. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.
 4. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.

NICU/SCN Interventions, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
None	471	64.9	1,125	38.7	
I.V.	173	23.8	1,180	40.6	
Antibiotics for GBS	27	3.7	87	3.0	
Antibiotics-other	92	12.7	527	18.1	
Surfactant	6	0.8	20	0.7	
UAC/UVC	12	1.7	63	2.2	
PICC Line	0	0.0	18	0.6	
Pain Relief Other	3	0.4	150	5.2	
Pain Relief Opiods	5	0.7	52	1.8	
Other blood products	1	0.1	12	0.4	
Packed Red Blood Cell Transfusion	1	0.1	8	0.3	
TPN	3	0.4	67	2.3	
Methylxanthines	0	0.0	47	1.6	
Nitric Oxide	0	0.0	<6	5	
HIE Cooling Protocol	0	0.0	<6	5	
Phototherapy	49	6.7	334	11.5	
Other	61	8.4	267	9.2	
Total number of interventions	433	-	2,836	-	
Total infants with one or more interventions	253	34.8	1,682	57.9	
Total number of NICU/SCN admissions	726	100.0	2,905	100.0	
Missing data	2	0.3	98	3.4	

Definition of indicator *The number and percentage of NICU/SCN interventions by gestational age at birth in completed weeks, expressed as a percentage of the total of all NICU/SCN admissions (in a given place and time) excluding infants not discharged from NICU/SCN.*

- Notes**
1. Neonatal interventions are not mutually exclusive (multiselect field); therefore, the rates in this figure are not mutually exclusive.
 2. The 'Other same level of care hospitals' data is expressed as the number of NICU/SCN interventions, distributed by type of intervention, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
 3. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.
 4. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.

NICU/SCN Interventions, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
None	471	64.9	1,125	38.7	
I.V.	173	23.8	1,180	40.6	
Antibiotics for GBS	27	3.7	87	3.0	
Antibiotics-other	92	12.7	527	18.1	
Surfactant	6	0.8	20	0.7	
UAC/UVC	12	1.7	63	2.2	
PICC Line	0	0.0	18	0.6	
Pain Relief Other	3	0.4	150	5.2	
Pain Relief Opioids	5	0.7	52	1.8	
Other blood products	1	0.1	12	0.4	
Packed Red Blood Cell Transfusion	1	0.1	8	0.3	
TPN	3	0.4	67	2.3	
Methylxanthines	0	0.0	47	1.6	
Nitric Oxide	0	0.0	<6	5	
HIE Cooling Protocol	0	0.0	<6	5	
Phototherapy	49	6.7	334	11.5	
Other	61	8.4	267	9.2	
Total number of interventions	433	-	2,836	-	
Total infants with one or more interventions	253	34.8	1,682	57.9	
Total number of NICU/SCN admissions	726	100.0	2,905	100.0	
Missing data	2	0.3	98	3.4	

NICU/SCN Interventions, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		Hospitals with acknowledged data submission
	n	%	n	%	
Surfactant	6	0.8	20	0.7	
24-25 weeks	1	16.7	<6	S	
2012-2013	1	100.0	<6	S	
Q2 2012-2013	1	100.0	<6	S	
Sep 2012	1	100.0	<6	S	11 of 14
26-30 weeks	2	33.3	6	30.0	
31-33 weeks	2	33.3	8	40.0	
34-36 weeks	0	0.0	<6	S	
37-40 weeks	1	16.7	<6	S	

Resuscitation methods, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
None	503	69.3	1,758	60.5	
FFO2	110	15.2	365	12.6	
CPAP + Air	3	0.4	218	7.5	
CPAP + O2	22	3.0	336	11.6	
PPV + Air	15	2.1	151	5.2	
PPV + O2	95	13.1	356	12.3	
Intubation	22	3.0	128	4.4	
Chest Compression	6	0.8	43	1.5	
Drugs	6	0.8	34	1.2	
Volume Expander	2	0.3	12	0.4	
Total newborn resuscitation methods	281	-	1,643	-	
Total infants who received one or more method of resuscitation	219	30.2	1,000	34.4	
Total number of NICU/SCN admissions	726	100.0	2,905	100.0	
Missing data	4	0.6	147	5.1	

Definition of indicator

The number and percentage of NICU/SCN resuscitation methods by gestational age at birth in completed weeks, expressed as a percentage of the total of all NICU/SCN admissions (in a given place and time) excluding infants not discharged from NICU/SCN.

Notes

- 1. Resuscitation methods are not mutually exclusive(multiselect field); therefore, the rates in this figure are not mutually exclusive.*
- 2. Newborn resuscitation method is prepopulated from the Birth Aggregate, comprised of final data values from the Birth Child encounter.*
- 3. The 'Other same level of care hospitals' data is expressed as the mean number of NICU/SCN admissions receiving resuscitation methods, distributed by type of resuscitation measure, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.*
- 4. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.*
- 5. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.*

Resuscitation methods, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
None	503	69.3	1,758	60.5	
FFO2	110	15.2	365	12.6	
CPAP + Air	3	0.4	218	7.5	
CPAP + O2	22	3.0	336	11.6	
PPV + Air	15	2.1	151	5.2	
PPV + O2	95	13.1	356	12.3	
Intubation	22	3.0	128	4.4	
Chest Compression	6	0.8	43	1.5	
Drugs	6	0.8	34	1.2	
Volume Expander	2	0.3	12	0.4	
Total newborn resuscitation methods	281	-	1,643	-	
Total infants who received one or more method of resuscitation	219	30.2	1,000	34.4	
Total number of NICU/SCN admissions	726	100.0	2,905	100.0	
Missing data	4	0.6	147	5.1	

Resuscitation methods, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
Volume Expander	2	0.3	12	0.4	
24-25 weeks	1	50.0	0	0.0	
2012-2013	1	100.0	0	0.0	
Q2 2012-2013	1	100.0	0	0.0	
Sep 2012	1	100.0	0	0.0	11 of 13
31-33 weeks	0	0.0	<6	S	
2012-2013	0	0.0	<6	S	
Q3 2012-2013	0	0.0	<6	S	
Dec 2012	0	0.0	<6	S	9 of 13
Q4 2012-2013	0	0.0	<6	S	
Jan 2013	0	0.0	<6	S	7 of 13
34-36 weeks	0	0.0	<6	S	
37-40 weeks	1	50.0	<6	S	
≥41 weeks	0	0.0	<6	S	

Arterial cord blood pH, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
<7.00	2	0.3	73	2.6	
7.00-7.15	89	13.0	382	13.5	
7.16-7.25	288	42.1	874	30.9	
>7.25	245	35.8	1,133	40.1	
<24 weeks	0	0.0	<6	S	
24-25 weeks	1	0.4	8	0.7	
26-30 weeks	0	0.0	22	1.9	
31-33 weeks	5	2.0	60	5.3	
34-36 weeks	29	11.8	323	28.5	
37-40 weeks	185	75.5	641	56.6	
≥41 weeks	25	10.2	78	6.9	
Total number of primary NICU/SCN admissions	684	100.0	2,824	100.0	
Missing data	60	8.8	362	12.8	

Definition of indicator The distribution of arterial cord blood pH and gestational age at birth in completed weeks, expressed as a percentage of the total number of primary NICU/SCN admissions (in a given place and time) excluding infants not discharged from NICU/SCN.

- Notes**
1. The 'Other same level of care hospitals' data is expressed as the number of primary NICU/SCN admissions, distributed by arterial cord blood pH and gestational age at birth, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
 2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.
 3. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.

Venous cord blood pH, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
<7.00	4	0.6	33	1.2	
7.00-7.15	9	1.3	92	3.3	
7.16-7.25	63	9.2	287	10.2	
>7.25	573	83.8	1,214	43.0	
<24 weeks	0	0.0	<6	5	
24-25 weeks	2	0.3	8	0.7	
26-30 weeks	0	0.0	38	3.1	
31-33 weeks	9	1.6	60	4.9	
34-36 weeks	58	10.1	290	23.9	
37-40 weeks	426	74.3	730	60.1	
≥41 weeks	78	13.6	86	7.1	
Total number of primary NICU/SCN admissions	684	100.0	2,824	100.0	
Missing data	35	5.1	1,198	42.4	

Definition of indicator *The distribution of venous cord blood pH and gestational age at birth in completed weeks, expressed as a percentage of the total number of primary NICU/SCN admissions (in a given place and time) excluding infants not discharged from NICU/SCN.*

- Notes**
- 1. The 'Other same level of care hospitals' data is expressed as the number of primary NICU/SCN admissions, distributed by venous cord blood pH and gestational age at birth, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.*
 - 2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.*
 - 3. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.*

Feeding type at discharge/transfer, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
Breastmilk Only	426	58.7	984	33.9	
<24 weeks	0	0.0	<6	S	
24-25 weeks	0	0.0	<6	S	
26-30 weeks	1	0.2	29	2.9	
31-33 weeks	4	0.9	54	5.5	
34-36 weeks	34	8.0	209	21.2	
37-40 weeks	321	75.4	592	60.2	
≥41 weeks	66	15.5	95	9.7	
Combination	175	24.1	1,146	39.4	
Formula Only	92	12.7	620	21.3	
NA	15	2.1	94	3.2	
Other	5	0.7	15	0.5	
Total number of all NICU/SCN admissions	726	100.0	2,905	100.0	
Missing data	13	1.8	46	1.6	

Definition of indicator *The distribution of type of infant feeding on discharge/transfer and gestational age at birth in completed weeks for all NICU/SCN admissions (in a given place and time) excluding infants not discharged from NICU/SCN.*

- Notes**
1. The 'Other same level of care hospitals' data is expressed as the number of all NICU/SCN admissions, distributed by feeding type at discharge and gestational age at birth in completed weeks, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
 2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.
 3. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.

Type of respiratory support, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1			Other Neonatal Level X hospitals			
	n (total admissions)	n (total admissions receiving respiratory support)	%	n (total admissions)	n (total admissions receiving respiratory support)	%	Hospitals with acknowledged data submission
Invasive ventilation	726	9	1.2	2,905	79	2.7	
<24 weeks	N/A	N/A	N/A	<6	0	0.0	
24-25 weeks	2	2	100.0	16	<6	5	
26-30 weeks	4	2	50.0	88	<6	5	
31-33 weeks	28	3	10.7	167	10	6.0	
34-36 weeks	77	1	1.3	730	24	3.3	
37-40 weeks	520	1	0.2	1,668	34	2.0	
≥41 weeks	95	0	0.0	231	<6	5	
Non-invasive ventilation	726	28	3.9	2,905	211	7.3	
<24 weeks	N/A	N/A	N/A	<6	0	0.0	
24-25 weeks	2	2	100.0	16	0	0.0	
26-30 weeks	4	2	50.0	88	7	8.0	
31-33 weeks	28	11	39.3	167	28	16.8	
34-36 weeks	77	4	5.2	730	61	8.4	
37-40 weeks	520	6	1.2	1,668	95	5.7	
≥41 weeks	95	3	3.2	231	20	8.7	
Oxygen therapy	726	68	9.4	2,905	420	14.5	
<24 weeks	N/A	N/A	N/A	<6	<6	5	
24-25 weeks	2	2	100.0	16	<6	5	
26-30 weeks	4	3	75.0	88	17	19.3	
31-33 weeks	28	14	50.0	167	41	24.6	
34-36 weeks	77	17	22.1	730	105	14.4	
37-40 weeks	520	27	5.2	1,668	219	13.1	
≥41 weeks	95	5	5.3	231	32	13.9	

Definition of indicator Distribution of number of infants that received respiratory support by type and gestational age at birth in completed weeks for all NICU/SCN admissions (in a given place and time) excluding infants not discharged from NICU/SCN.

Notes 1. The 'Other same level of care hospitals' data is expressed as the number of infants that received respiratory support by type and gestational age at birth in completed weeks for all NICU/SCN admissions for three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.

2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.

Location of discharge/transfer, by all NICU/SCN admissions

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
Home	195	26.9	1,332	22.9	
2012-2013	195	100.0	1,332	100.0	
Q1 2012-2013	47	24.1	395	29.7	
Q2 2012-2013	52	26.7	399	30.0	
Q3 2012-2013	43	22.1	309	23.2	
Q4 2012-2013	53	27.2	229	17.2	
Transfer to Mother / Baby unit	460	63.4	1,123	19.3	
Transfer to other Hospital	36	5.0	361	6.2	
Transfer to Paediatric unit	29	4.0	44	0.8	
CAS Apprehension	6	0.8	42	0.7	
Neonatal death	0	0.0	<6	S	
Total number of all NICU/SCN admissions	726	100.0	2,905	50.0	

Definition of indicator

The distribution of all NICU/SCN admissions by location of discharge/transfer (in a given place and time) excluding infants not discharged from NICU/SCN.

Notes

1. The 'Other same level of care hospitals' data is expressed as the number of NICU/SCN admissions, distributed by location of discharge/transfer, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.
3. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.

Rate of neonatal death, by gestational age (GA) at birth, and days of life

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	NICU/SCN admissions	Neonatal death			
		Total		Early (<7 days)	
		n	%	n	
Hospital 1	726	0	0.0	0	
24-25 weeks	2	0	0.0	0	
2012-2013	2	0	0.0	0	
Q1 2012-2013	1	0	0.0	0	
Apr 2012	1	0	0.0	0	
Q2 2012-2013	1	0	0.0	0	
Sep 2012	1	0	0.0	0	
26-30 weeks	4	0	0.0	0	
31-33 weeks	28	0	0.0	0	
34-36 weeks	77	0	0.0	0	
37-40 weeks	520	0	0.0	0	
≥41 weeks	95	0	0.0	0	
Other Neonatal Level X hospitals	2,905	<6	S	<6	Hospitals with acknowledged data submission
<24 weeks	<6	<6	S	<6	
24-25 weeks	16	0	0.0	N/A	
26-30 weeks	88	0	0.0	N/A	
31-33 weeks	167	0	0.0	N/A	
34-36 weeks	730	0	0.0	N/A	
37-40 weeks	1,668	<6	S	<6	
≥41 weeks	231	0	0.0	N/A	

Definition of indicator *The number and percentage of neonatal deaths among all NICU/SCN admissions (in a given place and time) excluding infants not discharged from NICU/SCN.*

- Notes**
1. The 'Other same level of care hospitals' data is expressed as the number of neonatal deaths among all NICU/SCN admissions, distributed by gestational age at birth and days of life, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
 2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.
 3. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.

Distribution of weight loss/gain since birth of primary admissions discharged home, by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
<24 weeks	0	0.0	<6	S	
24-25 weeks	0	0.0	<6	S	
26-30 weeks	1	0.6	27	2.1	
31-33 weeks	9	5.4	98	7.7	
≥10 and <20% weight loss	0	0.0	<6	S	
<10% weight loss	1	11.1	<6	S	
≥0 and <10% weight gain	0	0.0	21	21.4	
≥10 and <20% weight gain	1	11.1	27	27.6	
≥20 and <30% weight gain	2	22.2	18	18.4	
≥30% weight gain	5	55.6	26	26.5	
34-36 weeks	53	31.5	429	33.9	
37-40 weeks	87	51.8	617	48.7	
≥41 weeks	18	10.7	86	6.8	
Total primary NICU/SCN admissions discharged Home from NICU/SCN	168	100.0	1,266	100.0	
Total primary NICU/SCN admissions with missing data	0	0.0	<6	S	

Definition of indicator *The distribution of weight loss or gain since birth in primary NICU/SCN admissions discharged home by gestational age at birth in completed weeks (in a given place and time) excluding infants not discharged from NICU/SCN.*

- Notes**
1. The 'Other same level of care hospitals' data is expressed as the number of primary NICU/SCN admissions, distributed by gestational age at birth in completed weeks and weight loss/gain at time of discharge home, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
 2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.
 3. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.

Distribution of weight loss/gain since birth in primary admissions transferred to other NICU/SCN by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1		Other Neonatal Level X hospitals		
	n	%	n	%	Hospitals with acknowledged data submission
<24 weeks	0	0.0	<6	5	
24-25 weeks	2	5.9	9	2.6	
26-30 weeks	2	5.9	48	13.7	
31-33 weeks	7	20.6	53	15.1	
34-36 weeks	5	14.7	108	30.8	
37-40 weeks	17	50.0	107	30.5	
≥41 weeks	1	2.9	13	3.7	
Total primary NICU/SCN admissions transferred to other NICU/SCN	34	100.0	351	100.0	
Total primary NICU/SCN admissions with missing data	0	0.0	12	3.4	

Definition of indicator

Distribution of weight loss or gain since birth in primary admissions transferred to other NICU/SCN by gestational age at birth in weeks (in a given place and time).

Notes

1. The 'Other same level of care hospitals' data is expressed as the number NICU/SCN admissions, distributed by gestational age at birth and weight loss/gain at time of transfer to another NICU/SCN, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.
3. Caution should be taken when interpreting data if the proportion of 'Missing data' is greater than 5%.

Distribution of infant length of stay (LOS), by gestational age at birth

Hospital 1, infants admitted between 01-Apr-2012 and 31-Mar-2013

	Hospital 1				Other Neonatal Level X hospitals (mean)		
	NICU/SCN admissions	NICU/SCN LOS (days)			NICU/SCN LOS (days)		Hospitals with acknowledged data submission
		n (total)	n (total)	n (mean)	n (median)	n (mean)	
<24 weeks	N/A	N/A	N/A	N/A	20	19	
24-25 weeks	2	0	0	0	16	<6	
26-30 weeks	4	43	10	4	15	12	
2012-2013	4	43	10	4	15	12	
Q1 2012-2013	1	0	0	0	17	11	
Apr 2012	N/A	N/A	N/A	N/A	20	11	12 of 14
May 2012	N/A	N/A	N/A	N/A	17	19	11 of 14
Jun 2012	1	0	0	0	13	9	11 of 14
Q2 2012-2013	2	43	21	21.5	15	14	
Q3 2012-2013	1	0	0	0	13	11	
Q4 2012-2013	N/A	N/A	N/A	N/A	16	14	
31-33 weeks	28	328	11	9	15	15	
34-36 weeks	77	545	7	6	6	<6	
37-40 weeks	520	489	0	0	<6	<6	
≥41 weeks	95	132	1	1	<6	<6	

Definition of indicator

The distribution of infant length of stay in days, by gestational age at birth in completed weeks (in a given place and time) excluding infants not discharged from NICU/SCN.

Notes

1. The 'Other same level of care hospitals' data is expressed as the mean infant length of stay, distributed by gestational age at birth, of three or more hospitals within that level of care category who have acknowledged their data submission (for a given month). The 'Hospitals with acknowledged data submission' column indicates the number of hospitals who have acknowledged their data submission out of the total number of hospitals within a given level of care category (for a given month). Data from the reporting hospital(s) may or may not have been acknowledged for submission.
2. If applicable, other same level of care hospitals data with cell sizes <6 will be suppressed and represented as a range.

Important need to know

- Acknowledge first
- Your NICU/SCN only - not TT or other * 4 NICU's not entering yet
- Suppression rules
- Primary vs. readmission
- Admission vs. discharge
- No hyperlinks yet 😊- check NICU encounter report
- Kramer reference for AGA, SGA, LGA
- Gestational age at birth
- Missing =unknown
- Review entry rules – NND, HC
- Interventions – those collected
- Ventilation – oxygen – if selected enter days <1 day =1 day
- Data requests

In the Future

- Enhanced encounter
- More reports
- Transport
- Cube
- NICU Dashboard
- Profile on D/C

Questions?



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