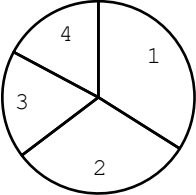
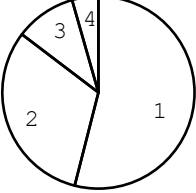
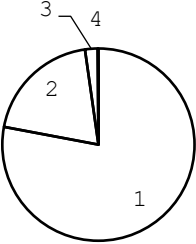
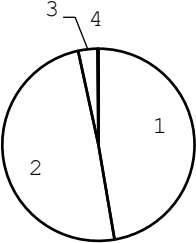
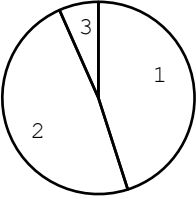
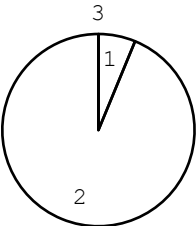
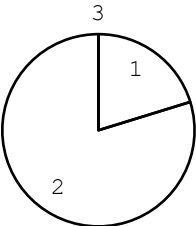
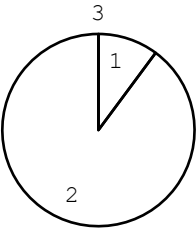
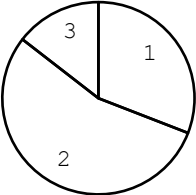
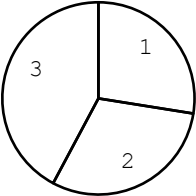
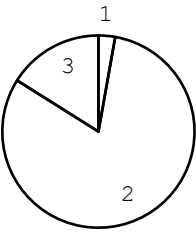
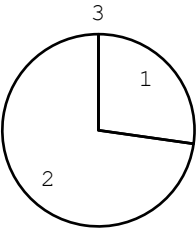
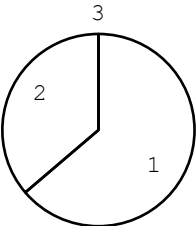
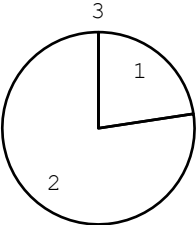
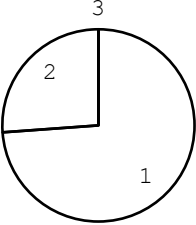
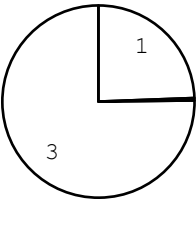
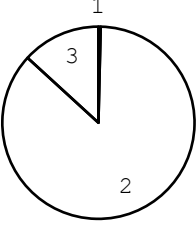
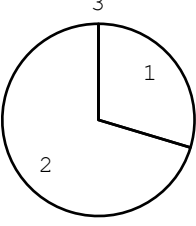
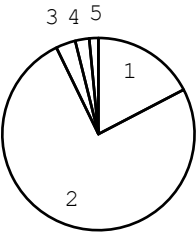
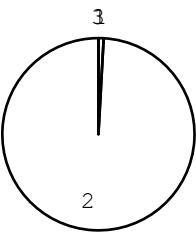
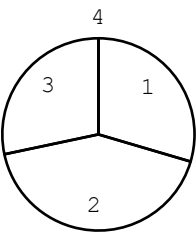
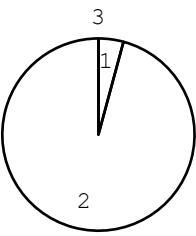
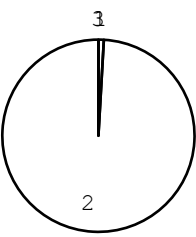
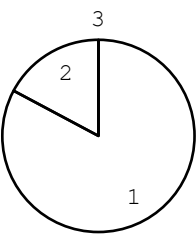


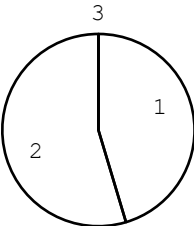
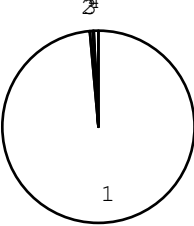
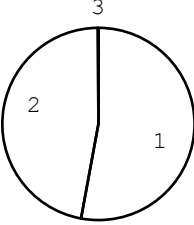
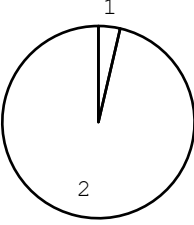
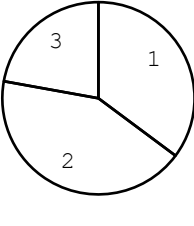
No.	Resources of participating hospitals	All hospitals	n															
A	Maternal information																	
301	Maternal age (median)	33.0	3019															
	lower quartile	29.0																
	upper quartile	37.0																
302	Gravida	 <table style="margin-left: auto; margin-right: auto;"> <tr><td>1:0</td><td>34%</td></tr> <tr><td>2:1</td><td>31%</td></tr> <tr><td>3:2</td><td>18%</td></tr> <tr><td>4:3></td><td>17%</td></tr> </table>	1:0	34%	2:1	31%	3:2	18%	4:3>	17%	2990							
1:0	34%																	
2:1	31%																	
3:2	18%																	
4:3>	17%																	
303	Parity	 <table style="margin-left: auto; margin-right: auto;"> <tr><td>1:0</td><td>54%</td></tr> <tr><td>2:1</td><td>31%</td></tr> <tr><td>3:2</td><td>10%</td></tr> <tr><td>4:3></td><td>4%</td></tr> </table>	1:0	54%	2:1	31%	3:2	10%	4:3>	4%	3009							
1:0	54%																	
2:1	31%																	
3:2	10%																	
4:3>	4%																	
304	Maternal Comorbidity	<table style="margin-left: auto; margin-right: auto;"> <tr><td>O410</td><td>110</td><td>Number</td></tr> <tr><td>D259</td><td>77</td><td>Number</td></tr> <tr><td>O441</td><td>77</td><td>Number</td></tr> <tr><td>O757</td><td>75</td><td>Number</td></tr> <tr><td>E039</td><td>63</td><td>Number</td></tr> </table>	O410	110	Number	D259	77	Number	O441	77	Number	O757	75	Number	E039	63	Number	1053
O410	110	Number																
D259	77	Number																
O441	77	Number																
O757	75	Number																
E039	63	Number																
305	Artificial Reproductive Technology	<table style="margin-left: auto; margin-right: auto;"> <tr><td>2</td><td></td></tr> <tr><td>1:Yes</td><td>0%</td></tr> <tr><td>2:No</td><td>0%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	2		1:Yes	0%	2:No	0%	3:not available	0%	0							
2																		
1:Yes	0%																	
2:No	0%																	
3:not available	0%																	
306	Foreigner	<table style="margin-left: auto; margin-right: auto;"> <tr><td>2</td><td></td></tr> <tr><td>1:Yes</td><td>0%</td></tr> <tr><td>2:No</td><td>0%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	2		1:Yes	0%	2:No	0%	3:not available	0%	0							
2																		
1:Yes	0%																	
2:No	0%																	
3:not available	0%																	

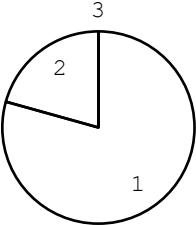
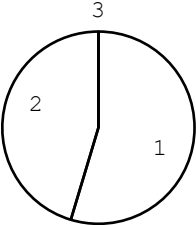
No.	Resources of participating hospitals	All hospitals	n								
B Pregnancy complication											
401	Number of fetus	 <table> <tr><td>1:1</td><td>78%</td></tr> <tr><td>2:2</td><td>20%</td></tr> <tr><td>3:3</td><td>2%</td></tr> <tr><td>4:4></td><td>0%</td></tr> </table>	1:1	78%	2:2	20%	3:3	2%	4:4>	0%	3212
1:1	78%										
2:2	20%										
3:3	2%										
4:4>	0%										
402	Birth order (among infants with number of fetus 2>)	 <table> <tr><td>1:1</td><td>47%</td></tr> <tr><td>2:2</td><td>49%</td></tr> <tr><td>3:3</td><td>3%</td></tr> <tr><td>4:4></td><td>0%</td></tr> </table>	1:1	47%	2:2	49%	3:3	3%	4:4>	0%	708
1:1	47%										
2:2	49%										
3:3	3%										
4:4>	0%										
403	Plurality (among infants with number of fetus 2>)	 <table> <tr><td>1:monochorionic</td><td>45%</td></tr> <tr><td>2:multiple chorionic</td><td>48%</td></tr> <tr><td>3:not available</td><td>7%</td></tr> </table>	1:monochorionic	45%	2:multiple chorionic	48%	3:not available	7%	708		
1:monochorionic	45%										
2:multiple chorionic	48%										
3:not available	7%										
404	Diabetes	 <table> <tr><td>1:Yes</td><td>6%</td></tr> <tr><td>2:No</td><td>94%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	1:Yes	6%	2:No	94%	3:not available	0%	3212		
1:Yes	6%										
2:No	94%										
3:not available	0%										
405	Pregnancy induced hypertension	 <table> <tr><td>1:Yes</td><td>20%</td></tr> <tr><td>2:No</td><td>80%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	1:Yes	20%	2:No	80%	3:not available	0%	3212		
1:Yes	20%										
2:No	80%										
3:not available	0%										

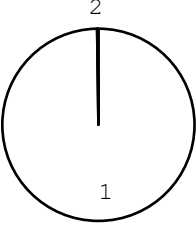
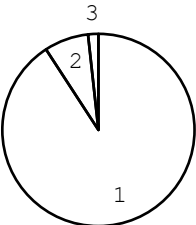
No.	Resources of participating hospitals	All hospitals	n
406	Clinical CAM	 <p>1:Yes 10% 2:No 90% 3:not available 0%</p>	3212
407	Histologic CAM	 <p>1:Yes 31% 2:No 55% 3:not available 15%</p>	3212
408	Grade of histologic CAM (among infants with positive histologic CAM)	 <p>1:I 28% 2:II 30% 3:III 42%</p>	974
415	Chronic hypertension	 <p>1:Yes 3% 2:No 81% 3:not available 16%</p>	3212
C Delivery status			
501	PROM	 <p>1:Yes 27% 2:No 73% 3:not available 0%</p>	3212

No.	Resources of participating hospitals	All hospitals	n
502	Maternal steroid	 <p>1:Yes 64% 2:No 36% 3:not available 0%</p>	3212
503	NRFS	 <p>1:Yes 23% 2:No 77% 3:not available 0%</p>	3212
504	Presentation	 <p>1:Head 74% 2:other than head 26% 3:not available 0%</p>	3212
505	Mode of delivery	 <p>1:Vaginal 24% 2:Vaginal with manipulation 0% 3:C/S 75%</p>	3212
509	Feto-Maternal transfusion syndrome	 <p>1:Yes 0% 2:No 86% 3:not available 13%</p>	3212
510	Cord blood transfusion	 <p>1:Yes 30% 2:No 70% 3:not available 0%</p>	3212

No.	Resources of participating hospitals	All hospitals	n
511	Method of cord blood transfusion (among infants with Live birth, cord blood transfusion)	 <p>1:Milking before cord clumping 17%</p> <p>2:Milking after cord clumping 75%</p> <p>3:Delayed cord clumping (30~60 sec) 3%</p> <p>4:Delayed cord clumping (>60sec) 2%</p> <p>5:not available 2%</p>	847
521	Hydrops	 <p>1:Yes 1%</p> <p>2:No 99%</p> <p>3:not available 0%</p>	3212
522	Timing of PROM (among infants with PROM)	 <p>1:< 24 hrs 30%</p> <p>2:>= 24 hrs and < 1 week 42%</p> <p>3:>= 1 week 28%</p> <p>4:not available 0%</p>	724
523	Placental abruptio	 <p>1:Yes 4%</p> <p>2:No 96%</p> <p>3:not available 0%</p>	3212
524	Umbilical cord prolapse	 <p>1:Yes 1%</p> <p>2:No 99%</p> <p>3:not available 0%</p>	3212
531	Maternal steroid doses (among infants with maternal steroid)	 <p>1: 1 course completed 83%</p> <p>2:not completed 17%</p> <p>3:not available 0%</p>	1801

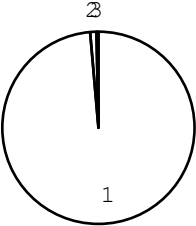
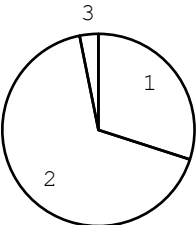
No.	Resources of participating hospitals	All hospitals	n
540	Maternal MgSO4	 <p>1:Yes 45% 2:No 55% 3:not available 0%</p>	2654
D Neonatal information			
602	Age(day) at admission	 <p>1:0 99% 2:1 1% 3:2 0% 4:>3 1%</p>	3212
603	Gender	 <p>1:Male 53% 2:Female 47% 3:not available 0%</p>	3212
604	Neonatal transport	 <p>1:Yes 4% 2:No 96%</p>	3212
605	Maternal transport (among infants with inborn)	 <p>1:Elective 35% 2:Emergency 43% 3:Booked 22%</p>	3095
606	Gestational age (mean)	29.1	3210
	SD	3.2	
	95% confidence interval	29.0-29.2	

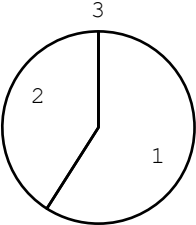
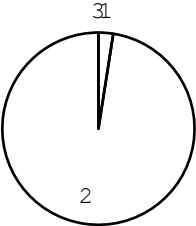
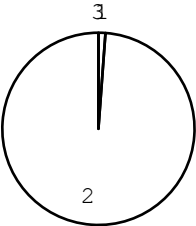
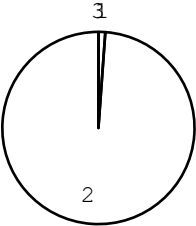
No.	Resources of participating hospitals	All hospitals	n
608	Apgar(1min) (median)	5.0	3169
	lower quartile	3.0	
	upper quartile	7.0	
609	Apgar(5min) (median)	8.0	3169
	lower quartile	6.0	
	upper quartile	9.0	
610	Oxygen use at birth	 <p>1:Yes 79% 2:No 21% 3:not available 0%</p>	3212
611	Intubation at birth	 <p>1:Yes 55% 2:No 45% 3:not available 0%</p>	3212
612	Birht weight (mean)	1093.9	3210
	SD	365.1	
	95% confidence interval	1081.3-1106.6	
613	Body length at birth (mean)	36.0	3024
	SD	4.3	
	95% confidence interval	35.8-36.1	

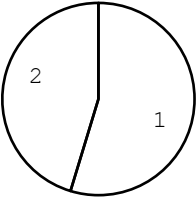
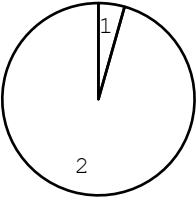
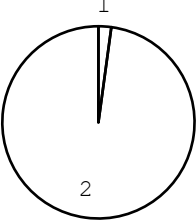
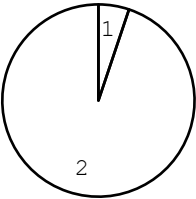
No.	Resources of participating hospitals	All hospitals	n
614	Head circumference at birth (mean)	26.2	2992
	SD	3.4	
	95% confidence interval	26.0-26.3	
615	Live birth	 <p>1:Yes 100% 2:No 0%</p>	3212
620	Cord blood gas analysis	 <p>1:Yes 91% 2:No 7% 3:not available 2%</p>	2886
622	Cord blood pH (mean) (among infants with cord blood analysis)	7.3	2532
	SD	0.1	
	95% confidence interval	7.3-7.3	
624	Cord blood O2 (mean) (among infants with cord blood analysis)	24.4	2338
	SD	21.7	
	95% confidence interval	23.5-25.3	
626	Cord blood CO2 (mean) (among infants with cord blood analysis)	46.1	2387
	SD	13.5	
	95% confidence interval	45.6-46.6	

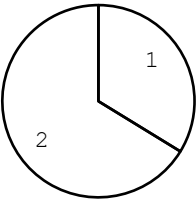
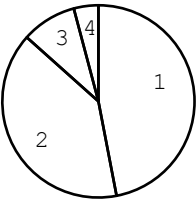
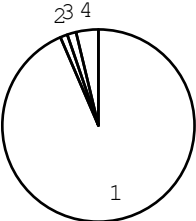
Analysis results on infants born in 2022

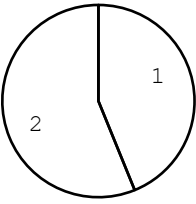
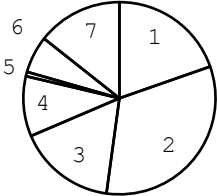
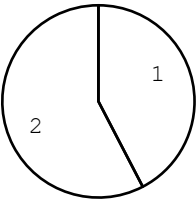
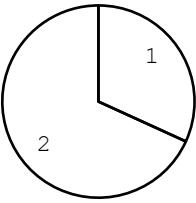
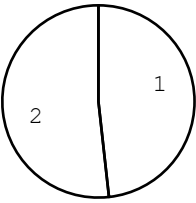
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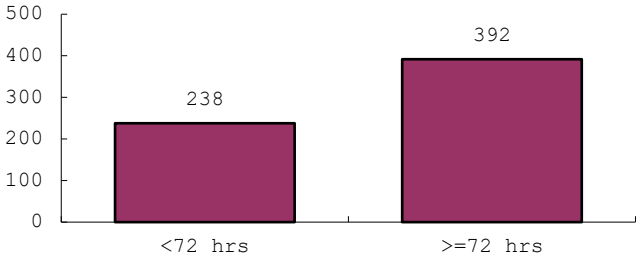
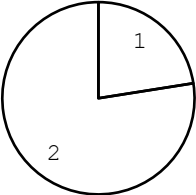
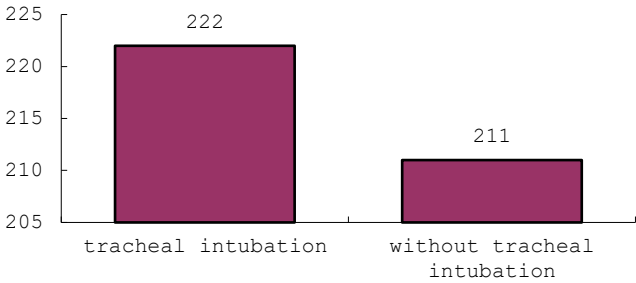
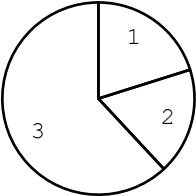
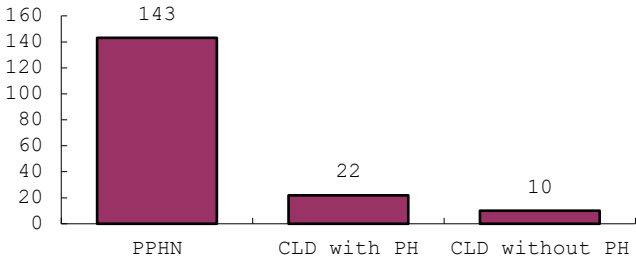
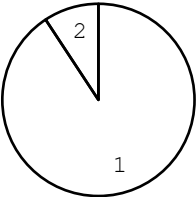
No.	Resources of participating hospitals	All hospitals	n
628	Cord blood base excess (mean) (among infants with cord blood analysis)	-2.9	2621
	SD	6.2	
	95% confidence interval	-3.1--2.6	
630	Neonatal blood gas analysis (among infants with live birth)	 <p>1:Yes 99% 2:No 1% 3:not available 0%</p>	2751
631	Arterial or Venous sample (among infants with neonatal blood gas analysis)	 <p>1:arterial blood 30% 2:venous blood 67% 3:not available 3%</p>	2700
632	Neonatal blood pH (mean) (among infants with neonatal blood gas analysis)	7.3	2782
	SD	0.1	
	95% confidence interval	7.3-7.3	
634	Neonatal blood O2 (mean) (among infants with neonatal blood gas analysis)	62.7	2677
	SD	51.5	
	95% confidence interval	60.7-64.6	
636	Neonatal blood CO2 (mean) (among infants with neonatal blood gas analysis)	48.1	2762
	SD	13.5	
	95% confidence interval	47.6-48.6	

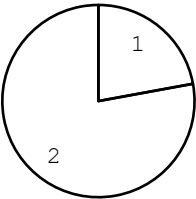
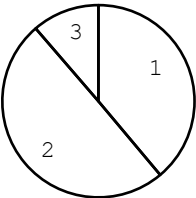
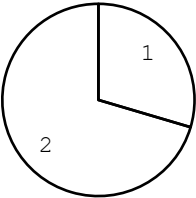
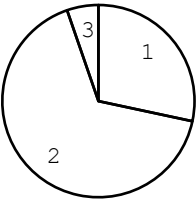
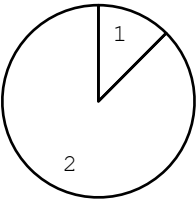
No.	Resources of participating hospitals	All hospitals	n
638	Neonatal blood base excess (mean) (among infants with neonatal blood gas analysis)	-3.2	2796
	SD	4.6	
	95% confidence interval	-3.3--3.0	
651	Apgar(10 min) (median)	8.0	1008
	lower quartile	6.0	
	upper quartile	9.0	
652	CPAP use at birth	 <p>1:Yes 59% 2:No 41% 3:not available 0%</p>	2684
653	Chest comprssion at birth	 <p>1:Yes 2% 2:No 98% 3:not available 0%</p>	2665
654	Adrenalin use at birth	 <p>1:Yes 1% 2:No 99% 3:not available 0%</p>	2651
655	Withhold of aggressive resuscitation	 <p>1:Yes 1% 2:No 99% 3:not available 0%</p>	2616

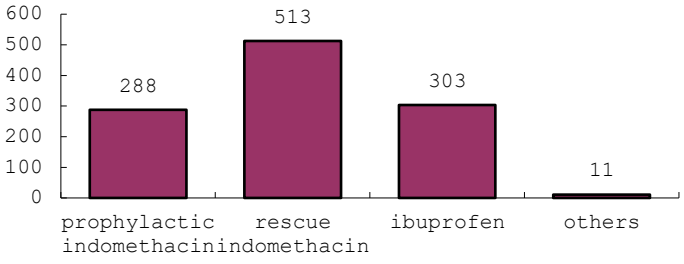
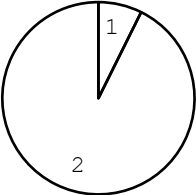
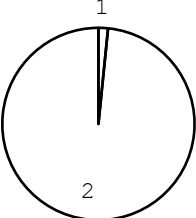
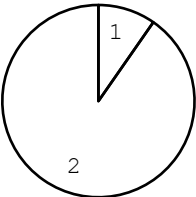
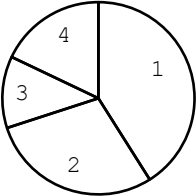
No.	Resources of participating hospitals	All hospitals	n
661	Body temperature on admission (mean)	36.7	2325
	SD	0.7	
	95% confidence interval	36.7-36.8	
662	Hb on admission (mean)	16.2	2430
	SD	2.8	
	95% confidence interval	16.1-16.3	
E	Respiratory disease		
701	RDS (among infants with live birth and remained)	 <p style="text-align: right;">1: Yes 55% 2: No 45%</p>	3121
702	Air leak syndrome (among infants with live birth and remained)	 <p style="text-align: right;">1: Yes 4% 2: No 96%</p>	3121
703	Pulmonary hemorrhage (among infants with live birth and remained)	 <p style="text-align: right;">1: Yes 2% 2: No 98%</p>	3121
705	PPHN (among infants with live birth and remained)	 <p style="text-align: right;">1: Yes 5% 2: No 95%</p>	3121

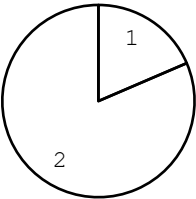
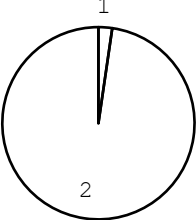
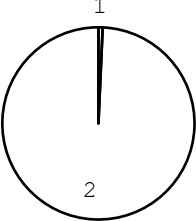
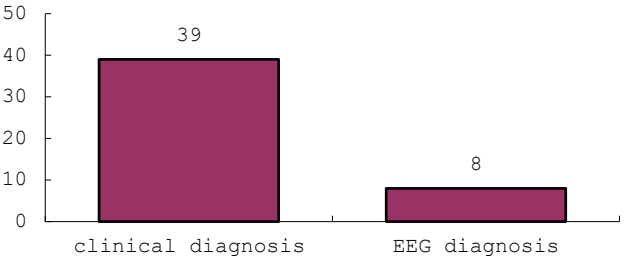
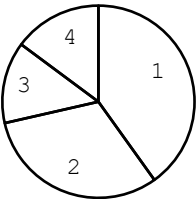
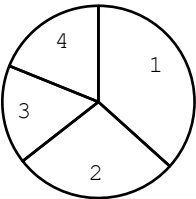
No.	Resources of participating hospitals	All hospitals	n
706	Length of oxygen use (median) (among infants with live birth and remained)	26.0	2565
	lower quartile	2.0	
	upper quartile	66.0	
707	Length of CPAP (median) (among infants with live birth and remained)	16.0	3121
	lower quartile	0.0	
	upper quartile	41.0	
708	Length of mechanical ventilation (median) (among infants with live birth and remained)	4.0	2740
	lower quartile	0.0	
	upper quartile	23.0	
709	Use of HFO (among infants with live birth, remained and mechanical ventilation)	 <p>1: Yes 34% 2: No 66%</p>	1997
710	Dose of surfactant (among infants with live birth and remained)	 <p>1: 0 47% 2: 1 40% 3: 2 9% 4: 3> 4%</p>	3121
711	Length of inhaled nitric oxide (among infants with live birth and remained)	 <p>1: 0 94% 2: 1 1% 3: 2 2% 4: 3> 4%</p>	3121

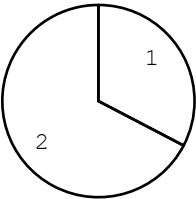
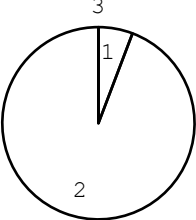
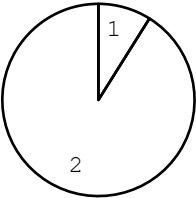
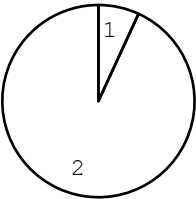
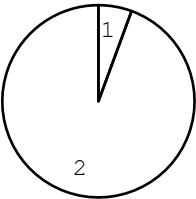
No.	Resources of participating hospitals	All hospitals	n
712	CLD at 28 d (among infants with live birth, remained and alive at 28 days of age)	 <p>1: Yes 44% 2: No 56%</p>	2751
713	Type of CLD (among infants with CLD)	 <p>1:I 20% 2:II 33% 3:III 16% 4:III' 10% 5:IV 1% 6:V 6% 7:VI 14%</p>	1206
714	Glucocorticoid for CLD (among infants with CLD)	 <p>1: Yes 42% 2: No 58%</p>	1206
715	CLD at 36 wk (among infants with live birth, remained, alive at 36 wk(corrected age))	 <p>1: Yes 32% 2: No 68%</p>	2688
716	Oxygen concentration at 36 wk (median) (among infants with CLD at 36 wk)	23.0	934
	lower quartile	21.0	
	upper quartile	25.0	
720	Thoracocentesis (among infants with live birth, remained and pulmonary airleak)	 <p>1: Yes 48% 2: No 52%</p>	114

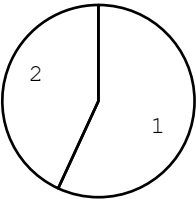
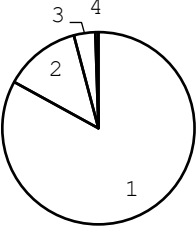
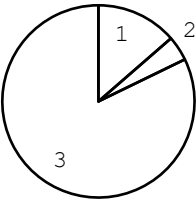
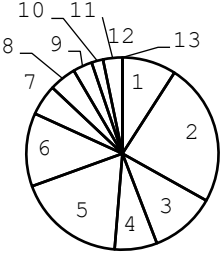
No.	Resources of participating hospitals	All hospitals	n
731	Timing of HFO (among infants with live birth, remained and HFO)	 <p>A bar chart with a vertical axis from 0 to 500. The first bar, labeled '<72 hrs', has a value of 238. The second bar, labeled '>=72 hrs', has a value of 392.</p>	586
732	NAVA use (among infants with live birth, remained and NAVA)	 <p>A pie chart with two segments. Segment 1 is labeled '1' and represents 23%. Segment 2 is labeled '2' and represents 77%.</p>	1506
733	Method of NAVA (among infants with live birth, remained and NAVA)	 <p>A bar chart with a vertical axis from 205 to 225. The first bar, labeled 'tracheal intubation', has a value of 222. The second bar, labeled 'without tracheal intubation', has a value of 211.</p>	268
734	Chest X-ray findings (among infants with live birth, remained and CLD)	 <p>A pie chart with three segments. Segment 1 is labeled '1' and represents 20%. Segment 2 is labeled '2' and represents 18%. Segment 3 is labeled '3' and represents 62%.</p>	809
741	Purposes of NO use (among infants with live birth, remained and No use)	 <p>A bar chart with a vertical axis from 0 to 160. The first bar, labeled 'PPHN', has a value of 143. The second bar, labeled 'CLD with PH', has a value of 22. The third bar, labeled 'CLD without PH', has a value of 10.</p>	164
751	CLD respiratory support at 36 wk (among infants with live birth, remained and CLD 36 wk)	 <p>A pie chart with two segments. Segment 1 is labeled '1' and represents 91%. Segment 2 is labeled '2' and represents 9%.</p>	853

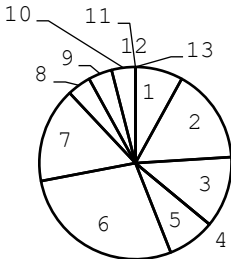
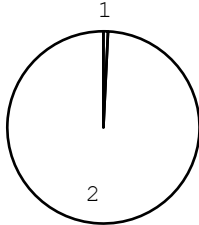
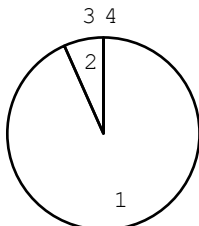
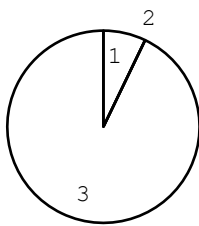
No.	Resources of participating hospitals	All hospitals	n
752	CLD respiratory support at 40 wk (among infants with live birth, remained and CLD 36 wk)	 <p>1:Yes 22% 2:No 78%</p>	2125
753	CLD respiratory support method at 40 wk (among infants with live birth, remained and CLD 40 wk)	 <p>1:oxygen 39% 2:non-invasive 50% 3:mechanical ventilation 11%</p>	468
F	Circulatory problem		
801	PDA with symptom (among infants with live birth and remained)	 <p>1:Yes 30% 2:No 70%</p>	3121
802	Indomethacin for PDA (among infants with live birth and remained)	 <p>1:Yes 28% 2:No 66% 3:prophylactic 5%</p>	3121
803	Surgical ligation for PDA (among infants with symptomatic PDA)	 <p>1:Yes 12% 2:No 88%</p>	923

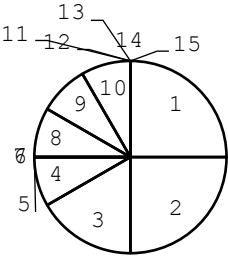
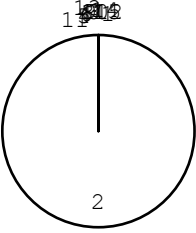
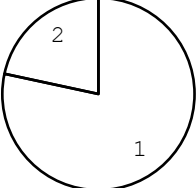
No.	Resources of participating hospitals	All hospitals	n															
821	Drugs for PDA (among infants with live birth, remained and PDA)	 <table border="1"> <caption>Drugs for PDA</caption> <thead> <tr> <th>Drug</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>prophylactic indomethacin</td> <td>288</td> </tr> <tr> <td>rescue indomethacin</td> <td>513</td> </tr> <tr> <td>ibuprofen</td> <td>303</td> </tr> <tr> <td>others</td> <td>11</td> </tr> </tbody> </table>	Drug	Count	prophylactic indomethacin	288	rescue indomethacin	513	ibuprofen	303	others	11	994					
Drug	Count																	
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ibuprofen	303																	
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851	Late onset adrenal insufficiency (among infants with live birth, remained and alive at 7 d)	 <table border="1"> <caption>Late onset adrenal insufficiency</caption> <thead> <tr> <th>Response</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>1: Yes</td> <td>7</td> <td>7%</td> </tr> <tr> <td>2: No</td> <td>93</td> <td>93%</td> </tr> </tbody> </table>	Response	Count	Percentage	1: Yes	7	7%	2: No	93	93%	2836						
Response	Count	Percentage																
1: Yes	7	7%																
2: No	93	93%																
G	Neurological problem																	
901	Seizure (among infants with live birth and remained)	 <table border="1"> <caption>Seizure</caption> <thead> <tr> <th>Response</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>1: Yes</td> <td>2</td> <td>2%</td> </tr> <tr> <td>2: No</td> <td>98</td> <td>98%</td> </tr> </tbody> </table>	Response	Count	Percentage	1: Yes	2	2%	2: No	98	98%	3121						
Response	Count	Percentage																
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2: No	98	98%																
902	Intraventricular hemorrhage (among infants with live birth and remained)	 <table border="1"> <caption>Intraventricular hemorrhage</caption> <thead> <tr> <th>Response</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>1: Yes</td> <td>10</td> <td>10%</td> </tr> <tr> <td>2: No</td> <td>90</td> <td>90%</td> </tr> </tbody> </table>	Response	Count	Percentage	1: Yes	10	10%	2: No	90	90%	3121						
Response	Count	Percentage																
1: Yes	10	10%																
2: No	90	90%																
903	Grade of IVH (among infants with live birth, remained and IVH)	 <table border="1"> <caption>Grade of IVH</caption> <thead> <tr> <th>Grade</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>1: I</td> <td>41</td> <td>41%</td> </tr> <tr> <td>2: II</td> <td>29</td> <td>29%</td> </tr> <tr> <td>3: III</td> <td>12</td> <td>12%</td> </tr> <tr> <td>4: IV</td> <td>18</td> <td>18%</td> </tr> </tbody> </table>	Grade	Count	Percentage	1: I	41	41%	2: II	29	29%	3: III	12	12%	4: IV	18	18%	290
Grade	Count	Percentage																
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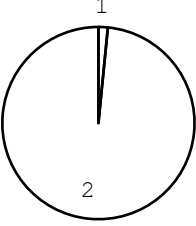
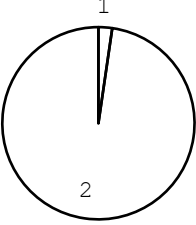
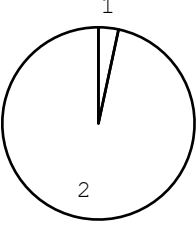
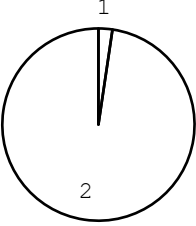
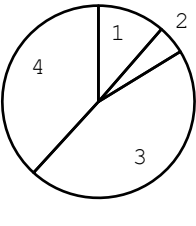
No.	Resources of participating hospitals	All hospitals	n
904	Post IVH hydrocephalus (among infants with live birth, remained and IVH)	 <p>1: Yes 19% 2: No 81%</p>	302
905	PVL (among infants with live birth and remained)	 <p>1: Yes 2% 2: No 98%</p>	3121
906	HIE (among infants with live birth and remained)	 <p>1: Yes 1% 2: No 99%</p>	3121
911	Diagnosis of seivure (among infants with live birth, remained and seizure)	 <p>clinical diagnosis 39 EEG diagnosis 8</p>	41
921	Grade of IVH right (among infants with live birth, remained and IVH)	 <p>1: I 40% 2: II 31% 3: III 14% 4: IV 15%</p>	182
922	Grade of IVH left (among infants with live birth, remained and IVH)	 <p>1: I 37% 2: II 28% 3: III 17% 4: IV 19%</p>	180

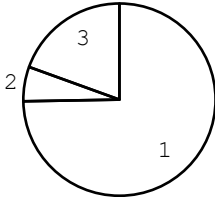
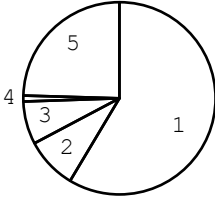
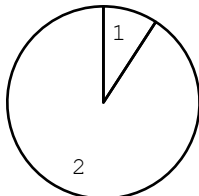
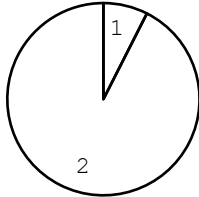
No.	Resources of participating hospitals	All hospitals	n
931	Shunt for post IVH hydrocephalus (among infants with live birth, remained and post IVH hydrocephalus)	 <p>1: Yes 33% 2: No 67%</p>	49
941	Whit matter leison (among infants with live birth and remained)	 <p>1: Yes 6% 2: No 94% 3: no MRI 0%</p>	2236
H	Infection		
1001	Intrauterine infection (among infants with live birth and remained)	 <p>1: Yes 9% 2: No 91%</p>	3121
1002	Sepsis (among infants with live birth and remained)	 <p>1: Yes 7% 2: No 93%</p>	3121
1004	Early onset sepsis (among infants with live birth, remained and sepsis)	 <p>1: Yes 6% 2: No 94%</p>	214

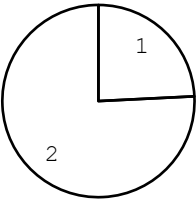
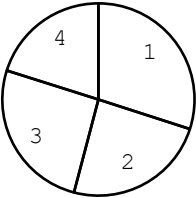
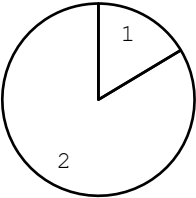
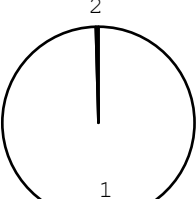
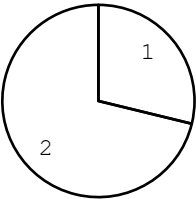
No.	Resources of participating hospitals	All hospitals	n
1010	Use of antibiotics (among infants with live birth and remained)	 <p>1: Yes 57% 2: No 43%</p>	3121
1011	Number of sepsis episodes (among infants with live birth, remained and sepsis)	 <p>1: 1 83% 2: 2 13% 3: 3 4% 4: >=4 1%</p>	194
1012	Onset of 1st episode (among infants with live birth, remained and sepsis)	 <p>1: 0~2 days 14% 2: 3~6 days 4% 3: >=7 days 82%</p>	191
1013	Pathogen 1st sepsis (among infants with live birth, remained and sepsis)	 <p>1: E.coli 9% 2: CNS (coagulase negative staphylococci) 24% 3: GBS 11% 4: Streptococcus spp (except GBS) 7% 5: MSSA 18% 6: MRSA 12% 7: Klebsiella spp 5% 8: Enterococcus spp 5% 9: Enterobacter spp 3% 10: Pseudomonas Aerigonosa 2% 11: Candida sp. 3% 12: Fungus 0% 13: others 0%</p>	154
1021	Onset of 2nd sepsis (median) (among infants with live birth, remained and 2nd onset sepsis)	67.5	28
	lower quartile	42.8	
	upper quartile	127.5	

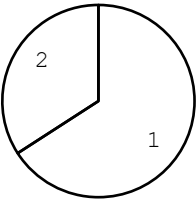
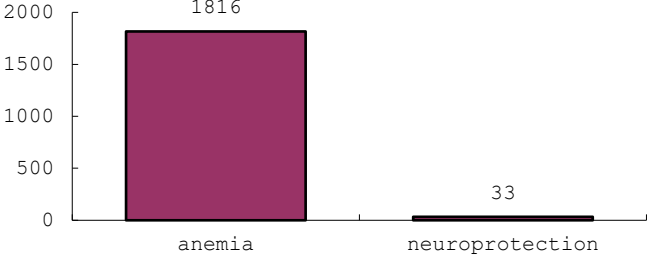
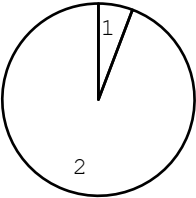
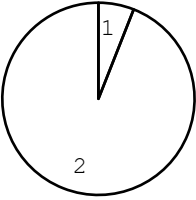
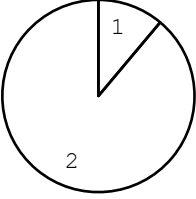
No.	Resources of participating hospitals	All hospitals	n
1022	Pathogen 2nd episode (among infants with live birth, remained and 2nd onset sepsis)	 <ul style="list-style-type: none"> 1: E.coli 8% 2: CNS (coagulase negative staphylococci) 16% 3: GBS 12% 4: Streptococcus spp (except GBS) 0% 5: MSSA 8% 6: MRSA 28% 7: Klebsiella spp 16% 8: Enterococcus spp 4% 9: Enterobacter spp 4% 10: Pseudomonas Aerigonosa 4% 11: Candida sp. 0% 12: Fungus 0% 13: others 0% 	25
1031	Meningitis (among infants with live birth and remained)	 <ul style="list-style-type: none"> 1: Yes 1% 2: No 99% 	2350
1032	Number of meningitis episodes (among infants with live birth, remained and meningitis)	 <ul style="list-style-type: none"> 1: 1 93% 2: 2 7% 3: 3 0% 4: >=4 0% 	15
1033	Onset of 1st meningitis (among infants with live birth, remained and meningitis)	 <ul style="list-style-type: none"> 1: 0 ~ 2 days 7% 2: 3 ~ 6 days 0% 3: >=7 days 93% 	14

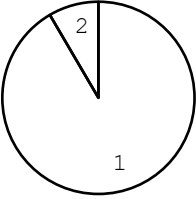
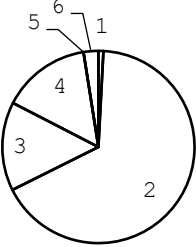
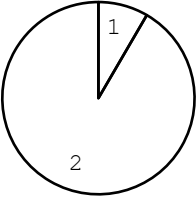
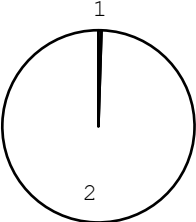
No.	Resources of participating hospitals	All hospitals	n
1034	Pathogene of 1st meningitis (among infants with live birth, remained and meningitis)	 <ul style="list-style-type: none"> 1:E.coli 25% 2:CNS (coagulase negative staphylococci) 25% 3:GBS 17% 4:Streptococcus spp (except GBS) 8% 5:MSSA 0% 6:MRSA 0% 7:Klebsiella spp 0% 8:Enterococcus spp 8% 9:Enterobacter spp 8% 10:Pseudomonas Aerigonosa 8% 11:Candida sp. 0% 12:Fungus 0% 13:others 0% 14:not available 0% 15:CSF not obtained 0% 	12
1035	Onset of 2nd meningitis (median) (among infants with live birth, remained and 2nd meningitis)		1
	lower quartile		
	upper quartile		
1036	Pathogen of 2nd meningitis (among infants with live birth, remained and 2n meningitis)	 <ul style="list-style-type: none"> 1:E.coli 0% 2:CNS (coagulase negative staphylococci) 100% 3:GBS 0% 4:Streptococcus spp (except GBS) 0% 5:MSSA 0% 6:MRSA 0% 7:Klebsiella spp 0% 8:Enterococcus spp 0% 9:Enterobacter spp 0% 10:Pseudomonas Aerigonosa 0% 11:Candida sp. 0% 12:Fungus 0% 13:others 0% 14:not available 0% 15:CSF not obtained 0% 	1
I	Gastrointestinal problem		
1101	Intravenous hyperalimentation (among infants with live birth and remained)	 <ul style="list-style-type: none"> 1:Yes 78% 2:No 22% 	3121

No.	Resources of participating hospitals	All hospitals	n
1102	NEC (among infants with live birth and remained)	 <p>1:Yes 2%</p> <p>2:No 98%</p>	3121
1103	Idiopathic intestinal perforation (among infants with live birth and remained)	 <p>1:Yes 2%</p> <p>2:No 98%</p>	3121
1103B	NEC or Idiopathic intestinal perforation (among infants with live birth and remained)	 <p>1:Yes 3%</p> <p>2:No 97%</p>	3121
1104	Meconium related ileus (among infants with live birth and remained)	 <p>1:Yes 2%</p> <p>2:No 98%</p>	3121
1111	Treatment for intestinal perforation (among infants with live birth, remained and NEC, FIP, MRI)	 <p>1:drainage only 11%</p> <p>2:laparotomy 5%</p> <p>3:laparotomy and ileostomy 46%</p> <p>4:medical treatment only 38%</p>	123

No.	Resources of participating hospitals	All hospitals		n
J Hearing screening				
1201	Hearing loss screening (among infants with live birth and remained)	 <p>1:Pass 75% 2:Refer 6% 3:not done 19%</p>		3121
K Retinopathy of prematurity				
1301	ROP(worst stage) (among infants with live birth and remained)	 <p>1:<II 59% 2:III (early) 9% 3:III (intermediate) 7% 4:III (late) 1% 5:not done 25%</p>		3121
1302	Treatment for ROP (among infants with live birth and remained)	 <p>1:Yes 9% 2:No 91%</p>		3121
L Diagnosis				
1411	Congenital anomaly	 <p>1:Yes 7% 2:No 93%</p>		3212
1412	Diagnosis of congenital anomaly (among infants with congenital anomaly)	<p>888 60Number 502 19Number 503 18Number 403 16Number 504 13Number</p>		230

No.	Resources of participating hospitals	All hospitals	n
1413	Operation for congenital anomaly (among infants with live birth, remained and congenital anomaly)	 <p>1:Yes 24% 2:No 76%</p>	223
M	Summary		
1501	Age at enteral feeding exceed 100ml/kg (median) (among infants with live birth and remained)	9.0	2633
	lower quartile	7.0	
	upper quartile	14.0	
1502	Breast feeding at discharge (%) (among infants with live birth, remained and discharge alive)	 <p>1:100% 30% 2:50 ~ 99% 24% 3:1 ~ 49% 26% 4:0% 20%</p>	2002
1503	Donor milk use (among infants with live birth and remained)	 <p>1:Yes 16% 2:No 84%</p>	1555
1504	Source of donor milk (among infants with live birth, remained and donor milk use)	 <p>1:milk bank 100% 2:in-hospital 0%</p>	231
1511	Blood transfusion (among infants with live birth and remained)	 <p>1:Yes 29% 2:No 71%</p>	3121

No.	Resources of participating hospitals	All hospitals	n
1512	Erythropoietin (among infants with live birth and remained)	 <p>1: Yes 66% 2: No 34%</p>	3121
1513	Purposes of erythropoietin use (among infants with live birth, remained and erythropoietin)	 <p>anemia 1816 neuroprotection 33</p>	1828
N	Condition at discharge		
1601	Age at discharge (mean) (among infants with live birth and remained)	89.3	2909
	SD	57.5	
	95% confidence interval	87.2-91.4	
1602A	Dead at discharge (among infants with live birth and remained)	 <p>1: Yes 6% 2: No 94%</p>	3121
1602B	Dead at discharge (among infants with live birth)	 <p>1: Yes 6% 2: No 94%</p>	3128
1603	Autopsy (among infants with live birth, remained and dead at discharge)	 <p>1: Yes 11% 2: No 89%</p>	180

No.	Resources of participating hospitals	All hospitals	n												
1604	Cause of death (among infants with live birth, remained and dead at discharge)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">100</td> <td style="width: 50%;">22Number</td> </tr> <tr> <td style="text-align: right;">310</td> <td>18Number</td> </tr> <tr> <td style="text-align: right;">900</td> <td>14Number</td> </tr> <tr> <td style="text-align: right;">400</td> <td>8Number</td> </tr> <tr> <td style="text-align: right;">300</td> <td>7Number</td> </tr> </table>	100	22Number	310	18Number	900	14Number	400	8Number	300	7Number	130		
100	22Number														
310	18Number														
900	14Number														
400	8Number														
300	7Number														
1605	Discharge home (among infants with live birth, remained and alive at discharge)	 <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">1:Yes</td> <td style="width: 50%;">92%</td> </tr> <tr> <td style="text-align: right;">2:No</td> <td>8%</td> </tr> </table>	1:Yes	92%	2:No	8%	2941								
1:Yes	92%														
2:No	8%														
1606	Disposition (among infants with live birth, remained, alive at discharge, and transferred)	 <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">1:Delivered hospital</td> <td style="width: 50%;">1%</td> </tr> <tr> <td style="text-align: right;">2:Other NICU</td> <td>67%</td> </tr> <tr> <td style="text-align: right;">3:Pediatric ward</td> <td>15%</td> </tr> <tr> <td style="text-align: right;">4:Other hospital</td> <td>15%</td> </tr> <tr> <td style="text-align: right;">5:Facility for disabled children</td> <td>0%</td> </tr> <tr> <td style="text-align: right;">6:Orphanage</td> <td>2%</td> </tr> </table>	1:Delivered hospital	1%	2:Other NICU	67%	3:Pediatric ward	15%	4:Other hospital	15%	5:Facility for disabled children	0%	6:Orphanage	2%	241
1:Delivered hospital	1%														
2:Other NICU	67%														
3:Pediatric ward	15%														
4:Other hospital	15%														
5:Facility for disabled children	0%														
6:Orphanage	2%														
1607	HOT (among infants with live birth, remained and alive at discharge)	 <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">1:Yes</td> <td style="width: 50%;">8%</td> </tr> <tr> <td style="text-align: right;">2:No</td> <td>92%</td> </tr> </table>	1:Yes	8%	2:No	92%	2941								
1:Yes	8%														
2:No	92%														
1608	Tracheostomy (among infants with live birth and alive at discharge)	 <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">1:Yes</td> <td style="width: 50%;">1%</td> </tr> <tr> <td style="text-align: right;">2:No</td> <td>99%</td> </tr> </table>	1:Yes	1%	2:No	99%	2941								
1:Yes	1%														
2:No	99%														
1609	Body weight at discharge (mean) (among infants with alive at discharge)	2819.6	2823												
	SD	759.1													
	95% confidence interval	2791.6-2847.6													

No.	Resources of participating hospitals	All hospitals	n
1610	Body length at discharge (mean) (among infants with alive at discharge)	46.6	2789
	SD	4.6	
	95% confidence interval	46.4-46.7	
1611	Head circumference at discharge (mean) (among infants with alive at discharge)	34.1	2785
	SD	2.9	
	95% confidence interval	34.0-34.2	