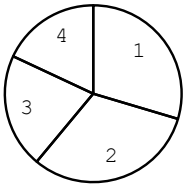
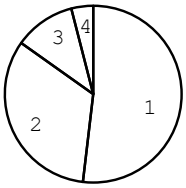
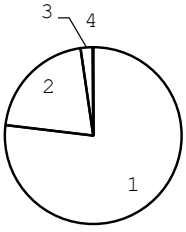
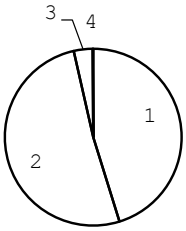
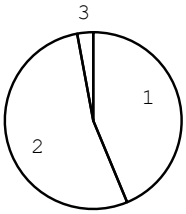
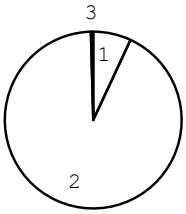
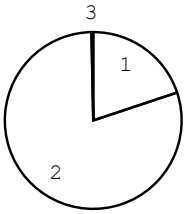
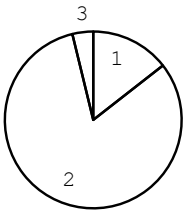
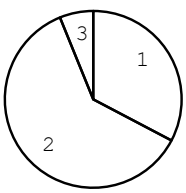
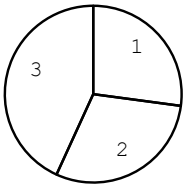
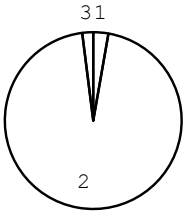
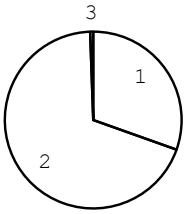
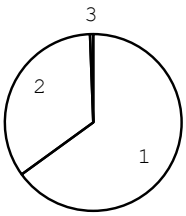
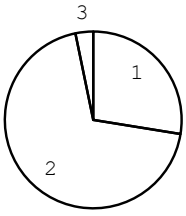
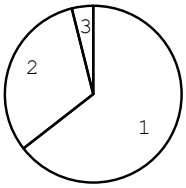
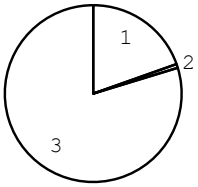
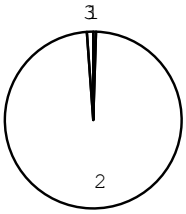
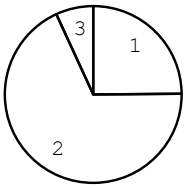
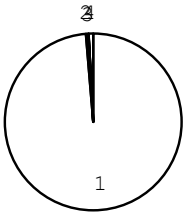
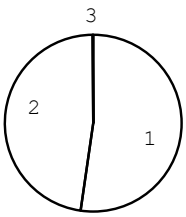
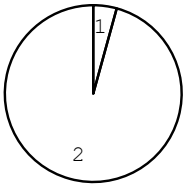
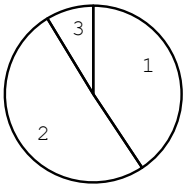
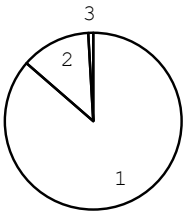
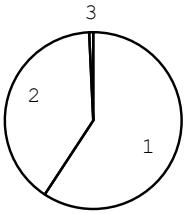
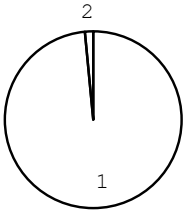
No.	Resources of participating hospitals	All hospitals	n
A	**Maternal information**		
301	Maternal age (median)	33.0	4162
	lower quartile	29.0	
	upper quartile	36.0	
302	Gravida	 1:0 30% 2:1 31% 3:2 21% 4:3> 18%	4135
303	Parity	 1:0 52% 2:1 33% 3:2 11% 4:3> 4%	4153
304	Maternal Comorbidity	O410 199Number O441 113Number D259 104Number O459 102Number O343 82Number	1311
B	**Pregnancy complication**		
401	Number of fetus	 1:1 77% 2:2 21% 3:3 2% 4:4> 0%	4164

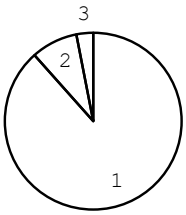
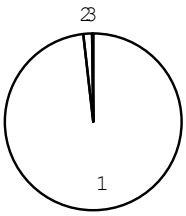
No.	Resources of participating hospitals	All hospitals	n
402	Birth order (among infants with number of fetus 2>)	 1:1 45% 2:2 51% 3:3 3% 4:4> 0%	958
403	Plurality (among infants with number of fetus 2>)	 1:monochorionic 44% 2:multiple chorionic 53% 3:not available 3%	926
404	Diabetes	 1:Yes 7% 2:No 93% 3:not available 0%	3998
405	Pregnancy induced hypertension	 1:Yes 20% 2:No 80% 3:not available 0%	4053
406	Clinical CAM	 1:Yes 14% 2:No 82% 3:not available 4%	4029
407	Histologic CAM	 1:Yes 33% 2:No 61% 3:not available 6%	4052

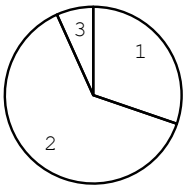
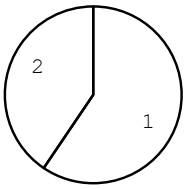
No.	Resources of participating hospitals	All hospitals	n
408	Grade of histologic CAM (among infants with positive histologic CAM)	 1:I 27% 2:II 30% 3:III 43%	1276
415	Chronic hypertension	 1:Yes 3% 2:No 95% 3:not available 2%	3958
C	**Delivery status**		
501	PROM	 1:Yes 30% 2:No 69% 3:not available 1%	4103
502	Maternal steroid	 1:Yes 65% 2:No 34% 3:not available 1%	4064
503	NRFS	 1:Yes 28% 2:No 69% 3:not available 3%	4076

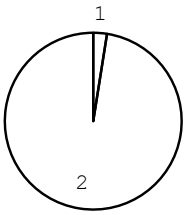
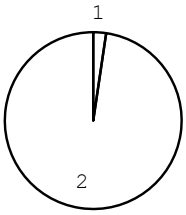
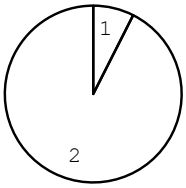
No.	Resources of participating hospitals	All hospitals	n
504	Presentation	 1:Head 64% 2:other than head 32% 3:not available 4%	4048
505	Mode of delivery	 1:Vaginal 20% 2:Vaginal with manipulation 1% 3:C/S 80%	4111
509	Feto-Maternal transfusion syndrome	 1:Yes 1% 2:No 98% 3:not available 1%	3971
510	Cord blood transfusion	 1:Yes 25% 2:No 68% 3:not available 7%	3965
D	**Neonatal information**		
602	Age(day) at admission	 1:0 99% 2:1 0% 3:2 0% 4:>3 1%	4296

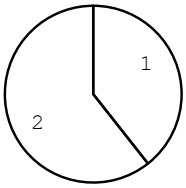
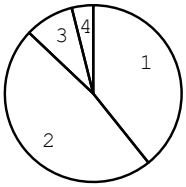
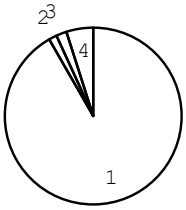
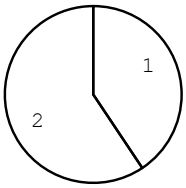
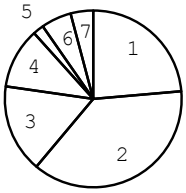
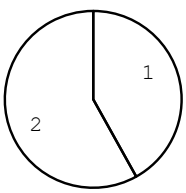
No.	Resources of participating hospitals	All hospitals	n
603	Gender	 1:Male 52% 2:Female 48% 3:not available 0%	4296
604	Neonatal transport	 1:Yes 4% 2:No 96%	4296
605	Maternal transport (among infants with inborn)	 1:Elective 41% 2:Emergency 51% 3:Booked 9%	3836
606	Gestational age (mean)	29.2	4294
	SD	3.3	
	95% confidence interval	29.1-29.3	
608	Apgar(1min) (median)	5.0	4221
	lower quartile	3.0	
	upper quartile	7.0	
609	Apgar(5min) (median)	8.0	4220
	lower quartile	6.0	
	upper quartile	9.0	

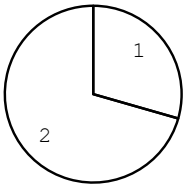
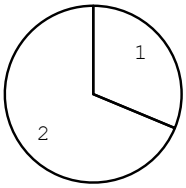
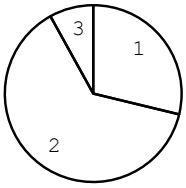
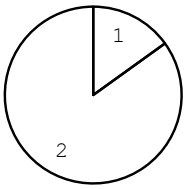
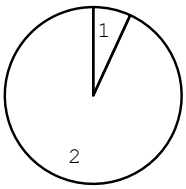
No.	Resources of participating hospitals	All hospitals	n
610	Oxygen use at birth	 1:Yes 86% 2:No 13% 3:not available 1%	4068
611	Intubation at birth	 1:Yes 59% 2:No 40% 3:not available 1%	4070
612	Birht weight (mean)	1121.9	4296
	SD	1904.6	
	95% confidence interval	1064.9-1178.8	
613	Body length at birth (mean)	35.9	4177
	SD	4.5	
	95% confidence interval	35.8-36.0	
614	Head circumference at birth (mean)	25.9	4134
	SD	3.1	
	95% confidence interval	25.8-26.0	
615	Live birth	 1:Yes 98% 2:No 2%	4296

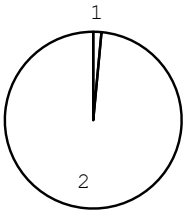
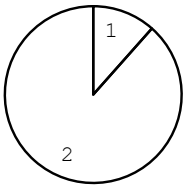
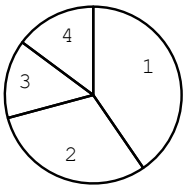
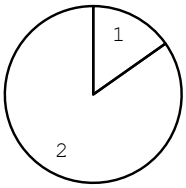
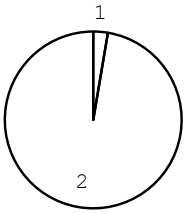
No.	Resources of participating hospitals	All hospitals	n
620	Cord blood gas analysis	 1:Yes 88% 2:No 9% 3:not available 3%	4008
622	Cord blood pH (mean) (among infants with cord blood analysis)	27.6	3512
	SD	1186.4	
	95% confidence interval	-11.7-66.8	
624	Cord blood O2 (mean) (among infants with cord blood analysis)	24.8	2986
	SD	23.7	
	95% confidence interval	24.0-25.7	
626	Cord blood CO2 (mean) (among infants with cord blood analysis)	46.4	3081
	SD	15.4	
	95% confidence interval	45.9-47.0	
628	Cord blood base excess (mean) (among infants with cord blood analysis)	-4.1	3244
	SD	10.2	
	95% confidence interval	-4.5--3.8	
630	Neonatal blood gas analysis (among infants with live birth)	 1:Yes 98% 2:No 2% 3:not available 0%	3775

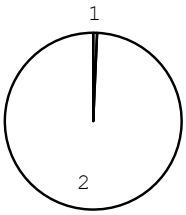
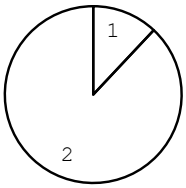
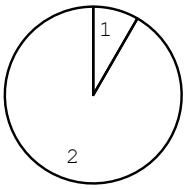
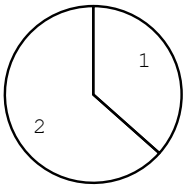
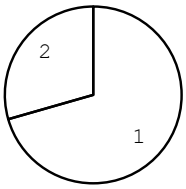
No.	Resources of participating hospitals	All hospitals	n
631	Arterial or Venous sample (among infants with neontal blood gas analysis)	 1:arterial blood 30% 2:venous blood 63% 3:not available 7%	3845
632	Neonatal blood pH (mean) (among infants with neontal blood gas analysis)	11.4	3868
	SD	164.2	
	95% confidence interval	6.2-16.6	
634	Neonatal blood O2 (mean) (among infants with neontal blood gas analysis)	59.2	3736
	SD	40.7	
	95% confidence interval	57.9-60.5	
636	Neonatal blood CO2 (mean) (among infants with neontal blood gas analysis)	50.0	3831
	SD	69.0	
	95% confidence interval	47.8-52.2	
638	Neonatal blood base excess (mean) (among infants with neontal blood gas analysis)	-4.1	3836
	SD	12.2	
	95% confidence interval	-4.5--3.7	
E	**Respiratory disease**		
701	RDS (among infants with live birth and remained)	 1:Yes 59% 2:No 41%	3790

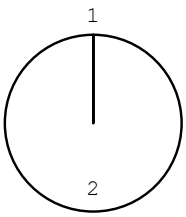
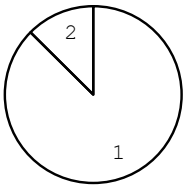
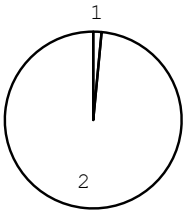
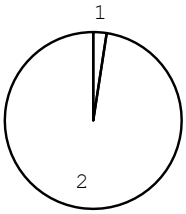
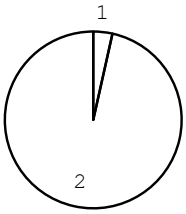
No.	Resources of participating hospitals	All hospitals	n
702	Air leak syndrome (among infants with live birth and remained)	 1:Yes 2% 2:No 98%	3763
703	Pulmonary hemorrhage (among infants with live birth and remained)	 1:Yes 2% 2:No 98%	3753
705	PPHN (among infants with live birth and remained)	 1:Yes 7% 2:No 93%	3751
706	Length of oxygen use (median) (among infants with live birth and remained)	24.0	3612
	lower quartile	3.0	
	upper quartile	63.0	
707	Length of CPAP (median) (among infants with live birth and remained)	18.0	3719
	lower quartile	2.0	
	upper quartile	36.0	
708	Length of mechanical ventilation (median) (among infants with live birth and remained)	3.0	3764
	lower quartile	0.0	
	upper quartile	23.0	

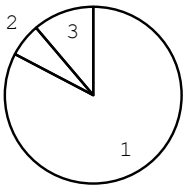
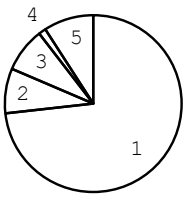
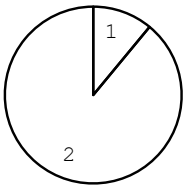
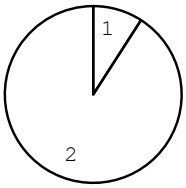
No.	Resources of participating hospitals	All hospitals		n
709	Use of HFO (among infants with live birth, remained and mechanical ventilation)		1:Yes 39% 2:No 61%	2507
710	Dose of surfactant (among infants with live birth and remained)		1:0 39% 2:1 48% 3:2 9% 4:3> 4%	3731
711	Length of inhaled nitric oxide (among infants with live birth and remained)		1:0 92% 2:1 1% 3:2 2% 4:3> 5%	3544
712	CLD at 28 d (among infants with live birth, remained and alive at 28 days of age)		1:Yes 41% 2:No 59%	3507
713	Type of CLD (among infants with CLD)		1:I 24% 2:II 37% 3:III 16% 4:III' 11% 5:IV 2% 6:V 6% 7:VI 4%	1355
714	Glucocorticoid for CLD (among infants with CLD)		1:Yes 42% 2:No 58%	1410

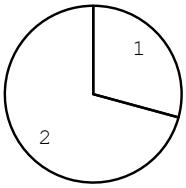
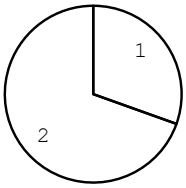
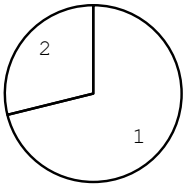
No.	Resources of participating hospitals	All hospitals	n
715	CLD at 36 wk (among infants with live birth, remained, alive at 36 wk(corrected age))	 1:Yes 29% 2:No 71%	3010
716	Oxygen concentration at 36 wk (median) (among infants with CLD at 36 wk)	24.0	928
	lower quartile	21.0	
	upper quartile	26.0	
F	**Circulatory problem**		
801	PDA with symptom (among infants with live birth and remained)	 1:Yes 31% 2:No 69%	3751
802	Indomethacin for PDA (among infants with live birth and remained)	 1:Yes 29% 2:No 63% 3:prophylactic 8%	3743
803	Surgical ligation for PDA (among infants with symptomatic PDA)	 1:Yes 15% 2:No 85%	1141
851	Late onset adrenal insufficiency (among infants with live birth, remained and alive at 7 d)	 1:Yes 7% 2:No 93%	3580

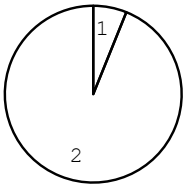
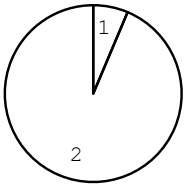
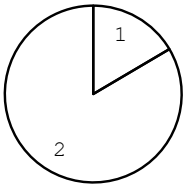
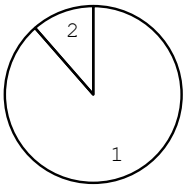
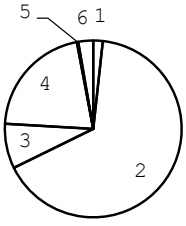
No.	Resources of participating hospitals	All hospitals		n
G	Neurological problem			
901	Seizure (among infants with live birth and remained)		1:Yes 1% 2:No 99%	3756
902	Intravetricular hemorrhage (among infants with live birth and remained)		1:Yes 12% 2:No 88%	3748
903	Grade of IVH (among infants with live birth, remained and IVH)		1:I 40% 2:II 30% 3:III 14% 4:IV 15%	418
904	Post IVH hydrocephalus (among infants with live birth, remained and IVH)		1:Yes 15% 2:No 85%	407
905	PVL (among infants with live birth and remained)		1:Yes 3% 2:No 97%	3721

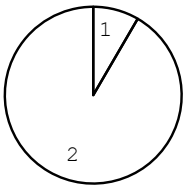
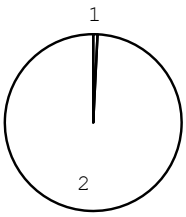
No.	Resources of participating hospitals	All hospitals	n
906	HIE (among infants with live birth and remained)	 1:Yes 1% 2:No 99%	3738
H	**Infection**		
1001	Intrauterine infection (among infants with live birth and remained)	 1:Yes 12% 2:No 88%	3742
1002	Sepsis (among infants with live birth and remained)	 1:Yes 8% 2:No 92%	3746
1004	Early onset sepsis (among infants with live birth, remained and sepsis)	 1:Yes 37% 2:No 63%	290
1010	Use of antibiotics (among infants with live birth and remained)	 1:Yes 71% 2:No 29%	3737

No.	Resources of participating hospitals	All hospitals		n
1031	Meningitis (among infants with live birth and remained)		1:Yes 0% 2:No 100%	199
I	**Gastrointestinal problem**			
1101	Intravenous hyperalimentation (among infants with live birth and remained)		1:Yes 87% 2:No 13%	3758
1102	NEC (among infants with live birth and remained)		1:Yes 2% 2:No 98%	3771
1103	Idiopathic intestinal perforation (among infants with live birth and remained)		1:Yes 2% 2:No 98%	3738
1103B	NEC or Idiopathic intestinal perforation (among infants with live birth and remained)		1:Yes 3% 2:No 97%	3777

No.	Resources of participating hospitals	All hospitals	n
J	**Hearing screening**		
1201	Hearing loss screening (among infants with live birth and remained)	 1:Pass 83% 2:Refer 6% 3:not done 11%	3760
K	**Retinopathy of prematurity**		
1301	ROP(worst stage) (among infants with live birth and remained)	 1:<II 73% 2:III(early) 8% 3:III(intermediate) 8% 4:III(late) 1% 5:not done 9%	3575
1302	Treatment for ROP (among infants with live birth and remained)	 1:Yes 11% 2:No 89%	3210
L	**Diagnosis**		
1411	Congenital anomaly	 1:Yes 9% 2:No 91%	3937
1412	Diagnosis of congenital anomaly (among infants with congenital anomaly)	888 102Number 503 28Number 403 22Number 502 22Number 603 16Number	338

No.	Resources of participating hospitals	All hospitals	n
1413	Operation for congenital anomaly (among infants with live birth, remained and congenital anomaly)	 1:Yes 29% 2:No 71%	301
M	**Summary**		
1501	Age at enteral feeding exceed 100ml/kg (median) (among infants with live birth and remained)	10.0	3575
	lower quartile	7.0	
	upper quartile	14.0	
1511	Blood transfusion (among infants with live birth and remained)	 1:Yes 30% 2:No 70%	3736
1512	Erythropoietin (among infants with live birth and remained)	 1:Yes 71% 2:No 29%	3735
N	**Condition at discharge**		
1601	Age at discharge (mean) (among infants with live birth and remained)	87.7	3988
	SD	72.8	
	95% confidence interval	85.5-90.0	

No.	Resources of participating hospitals	All hospitals	n
1602A	Dead at discharge (among infants with live birth and remained)	 1:Yes 6% 2:No 94%	4042
1602B	Dead at discharge (among infants with live birth)	 1:Yes 6% 2:No 94%	4106
1603	Autopsy (among infants with live birth, remained and dead at discharge)	 1:Yes 17% 2:No 83%	224
1604	Cause of death (among infants with live birth, remained and dead at discharge)	90 60Number 10 37Number 31 14Number 40 14Number 30 13Number	194
1605	Discharge home (among infants with live birth, remained and alive at discharge)	 1:Yes 89% 2:No 11%	3597
1606	Disposition (among infants with live birth, remained, alive at discharge, and transferred)	 1:Delivered hospital 2% 2:Other NICU 66% 3:Pediatric ward 8% 4:Other hospital 21% 5:Facility for disabled children 0% 6:Orphanage 3%	403

No.	Resources of participating hospitals	All hospitals	n
1607	HOT (among infants with live birth, remained and alive at discharge)	 1:Yes 8% 2:No 92%	3490
1608	Tracheostomy (among infants with live birth and alive at discharge)	 1:Yes 1% 2:No 99%	3476
1609	Body weight at discharge (mean) (among infants with alive at discharge)	2779.6	4065
	SD	908.5	
	95% confidence interval	2751.7-2807.5	
1610	Body length at discharge (mean) (among infants with alive at discharge)	47.6	3961
	SD	71.1	
	95% confidence interval	45.4-49.8	
1611	Head circumference at discharge (mean) (among infants with alive at discharge)	33.9	3950
	SD	8.8	
	95% confidence interval	33.6-34.2	