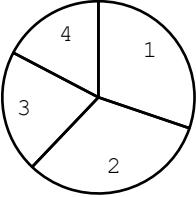
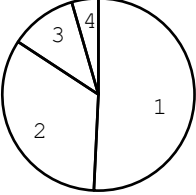
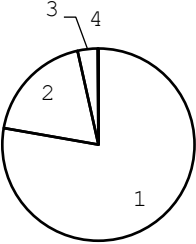
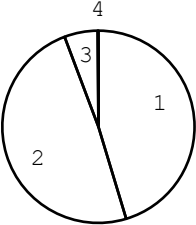
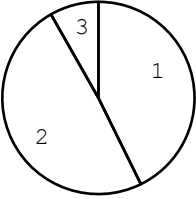
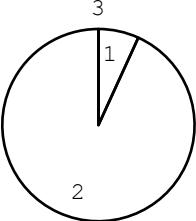
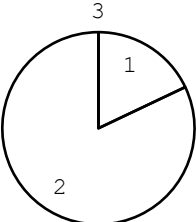
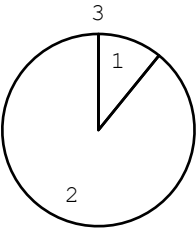
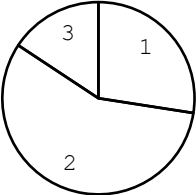
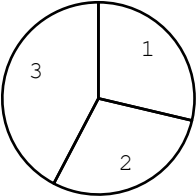
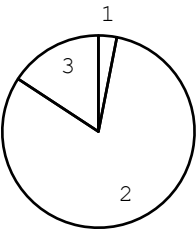
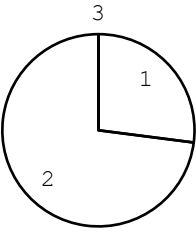
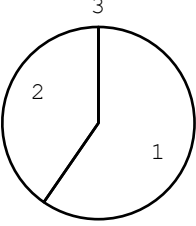
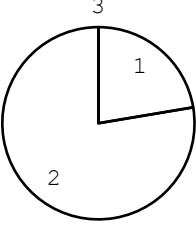
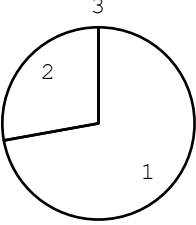
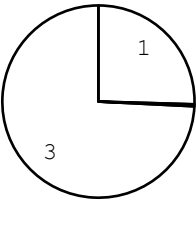
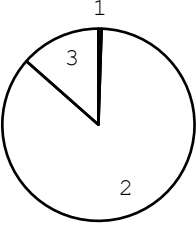
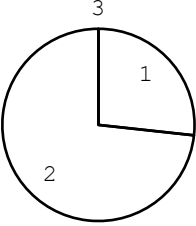
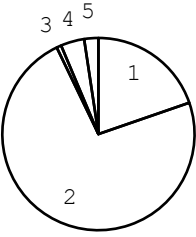
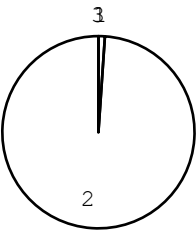
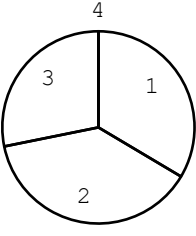
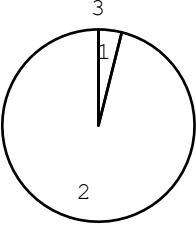
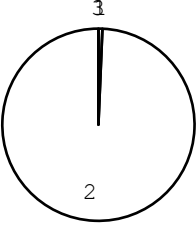
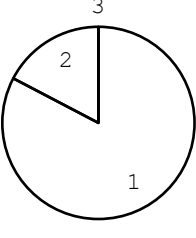


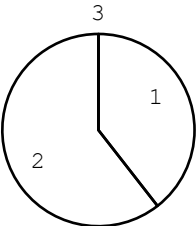
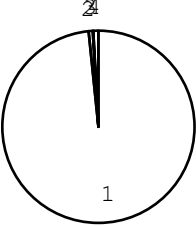
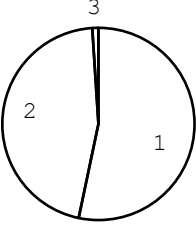
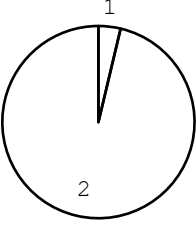
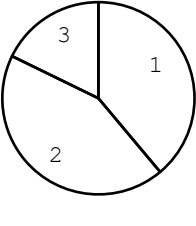
| No.             | Resources of participating hospitals | All hospitals                                                                                                                                                                                                                                                                                                    | n     |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
|-----------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|--------|------|-----------------|--------|------|-----|--------|------|----|--------|------|----|--------|-----|
| <b>A</b>        | <b>Maternal information</b>          |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| <b>301</b>      | Maternal age (median)                | 33.0                                                                                                                                                                                                                                                                                                             | 3380  |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
|                 | lower quartile                       | 29.0                                                                                                                                                                                                                                                                                                             |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
|                 | upper quartile                       | 37.0                                                                                                                                                                                                                                                                                                             |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| <b>302</b>      | Gravida                              |  <table border="1"> <tr><td>1:0</td><td>30%</td></tr> <tr><td>2:1</td><td>32%</td></tr> <tr><td>3:2</td><td>21%</td></tr> <tr><td>4:3&gt;</td><td>17%</td></tr> </table>                          | 1:0   | 30% | 2:1    | 32%  | 3:2             | 21%    | 4:3> | 17% | 3344   |      |    |        |      |    |        |     |
| 1:0             | 30%                                  |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| 2:1             | 32%                                  |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| 3:2             | 21%                                  |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| 4:3>            | 17%                                  |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| <b>303</b>      | Parity                               |  <table border="1"> <tr><td>1:0</td><td>51%</td></tr> <tr><td>2:1</td><td>33%</td></tr> <tr><td>3:2</td><td>11%</td></tr> <tr><td>4:3&gt;</td><td>4%</td></tr> </table>                         | 1:0   | 51% | 2:1    | 33%  | 3:2             | 11%    | 4:3> | 4%  | 3369   |      |    |        |      |    |        |     |
| 1:0             | 51%                                  |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| 2:1             | 33%                                  |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| 3:2             | 11%                                  |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| 4:3>            | 4%                                   |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| <b>304</b>      | Maternal Comorbidity                 | <table border="1"> <tr><td>O410</td><td>108</td><td>Number</td></tr> <tr><td>D259</td><td>90</td><td>Number</td></tr> <tr><td>O757</td><td>87</td><td>Number</td></tr> <tr><td>E039</td><td>79</td><td>Number</td></tr> <tr><td>O441</td><td>73</td><td>Number</td></tr> </table> | O410  | 108 | Number | D259 | 90              | Number | O757 | 87  | Number | E039 | 79 | Number | O441 | 73 | Number | 974 |
| O410            | 108                                  | Number                                                                                                                                                                                                                                                                                                           |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| D259            | 90                                   | Number                                                                                                                                                                                                                                                                                                           |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| O757            | 87                                   | Number                                                                                                                                                                                                                                                                                                           |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| E039            | 79                                   | Number                                                                                                                                                                                                                                                                                                           |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| O441            | 73                                   | Number                                                                                                                                                                                                                                                                                                           |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| <b>305</b>      | Artificial Reproductive Technology   | <table border="1"> <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>                                                                                                                                     | 1:Yes | 0%  | 2:No   | 0%   | 3:not available | 0%     | 0    |     |        |      |    |        |      |    |        |     |
| 1:Yes           | 0%                                   |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| 2:No            | 0%                                   |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| 3:not available | 0%                                   |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| <b>306</b>      | Foreigner                            | <table border="1"> <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>                                                                                                                                     | 1:Yes | 0%  | 2:No   | 0%   | 3:not available | 0%     | 0    |     |        |      |    |        |      |    |        |     |
| 1:Yes           | 0%                                   |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| 2:No            | 0%                                   |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |
| 3:not available | 0%                                   |                                                                                                                                                                                                                                                                                                                  |       |     |        |      |                 |        |      |     |        |      |    |        |      |    |        |     |

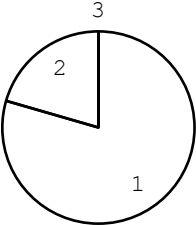
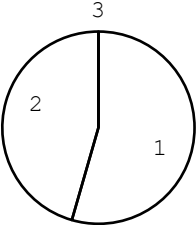
| No.                                    | Resources of participating hospitals                | All hospitals                                                                                                                                                                                                                                                                             | n               |     |                      |     |                 |    |      |    |      |
|----------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|----------------------|-----|-----------------|----|------|----|------|
| <b>B</b> <b>Pregnancy complication</b> |                                                     |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 401                                    | Number of fetus                                     |  <table> <tr> <td>1:1</td> <td>78%</td> </tr> <tr> <td>2:2</td> <td>19%</td> </tr> <tr> <td>3:3</td> <td>3%</td> </tr> <tr> <td>4:4&gt;</td> <td>0%</td> </tr> </table>    | 1:1             | 78% | 2:2                  | 19% | 3:3             | 3% | 4:4> | 0% | 3610 |
| 1:1                                    | 78%                                                 |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 2:2                                    | 19%                                                 |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 3:3                                    | 3%                                                  |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 4:4>                                   | 0%                                                  |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 402                                    | Birth order (among infants with number of fetus 2>) |  <table> <tr> <td>1:1</td> <td>45%</td> </tr> <tr> <td>2:2</td> <td>49%</td> </tr> <tr> <td>3:3</td> <td>6%</td> </tr> <tr> <td>4:4&gt;</td> <td>0%</td> </tr> </table>    | 1:1             | 45% | 2:2                  | 49% | 3:3             | 6% | 4:4> | 0% | 803  |
| 1:1                                    | 45%                                                 |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 2:2                                    | 49%                                                 |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 3:3                                    | 6%                                                  |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 4:4>                                   | 0%                                                  |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 403                                    | Plurality (among infants with number of fetus 2>)   |  <table> <tr> <td>1:monochorionic</td> <td>43%</td> </tr> <tr> <td>2:multiple chorionic</td> <td>49%</td> </tr> <tr> <td>3:not available</td> <td>8%</td> </tr> </table> | 1:monochorionic | 43% | 2:multiple chorionic | 49% | 3:not available | 8% | 803  |    |      |
| 1:monochorionic                        | 43%                                                 |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 2:multiple chorionic                   | 49%                                                 |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 3:not available                        | 8%                                                  |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 404                                    | Diabetes                                            |  <table> <tr> <td>1:Yes</td> <td>7%</td> </tr> <tr> <td>2:No</td> <td>93%</td> </tr> <tr> <td>3:not available</td> <td>0%</td> </tr> </table>                          | 1:Yes           | 7%  | 2:No                 | 93% | 3:not available | 0% | 3610 |    |      |
| 1:Yes                                  | 7%                                                  |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 2:No                                   | 93%                                                 |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 3:not available                        | 0%                                                  |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 405                                    | Pregnancy induced hypertension                      |  <table> <tr> <td>1:Yes</td> <td>18%</td> </tr> <tr> <td>2:No</td> <td>82%</td> </tr> <tr> <td>3:not available</td> <td>0%</td> </tr> </table>                         | 1:Yes           | 18% | 2:No                 | 82% | 3:not available | 0% | 3610 |    |      |
| 1:Yes                                  | 18%                                                 |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 2:No                                   | 82%                                                 |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |
| 3:not available                        | 0%                                                  |                                                                                                                                                                                                                                                                                           |                 |     |                      |     |                 |    |      |    |      |

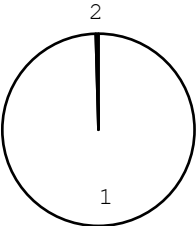
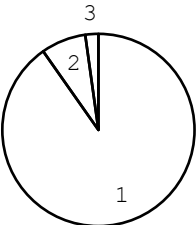
| No.                      | Resources of participating hospitals                                 | All hospitals                                                                                                                            | n    |
|--------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------|
| 406                      | Clinical CAM                                                         |  <p>1:Yes 11%<br/>2:No 89%<br/>3:not available 0%</p>   | 3610 |
| 407                      | Histologic CAM                                                       |  <p>1:Yes 27%<br/>2:No 57%<br/>3:not available 16%</p>  | 3610 |
| 408                      | Grade of histologic CAM (among infants with positive histologic CAM) |  <p>1:I 29%<br/>2:II 29%<br/>3:III 42%</p>             | 969  |
| 415                      | Chronic hypertension                                                 |  <p>1:Yes 3%<br/>2:No 81%<br/>3:not available 16%</p> | 3610 |
| <b>C Delivery status</b> |                                                                      |                                                                                                                                          |      |
| 501                      | PROM                                                                 |  <p>1:Yes 27%<br/>2:No 73%<br/>3:not available 0%</p> | 3610 |

| No. | Resources of participating hospitals | All hospitals                                                                                                                                             | n    |
|-----|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 502 | Maternal steroid                     |  <p>1:Yes 60%<br/>2:No 40%<br/>3:not available 0%</p>                    | 3610 |
| 503 | NRFS                                 |  <p>1:Yes 22%<br/>2:No 78%<br/>3:not available 0%</p>                    | 3610 |
| 504 | Presentation                         |  <p>1:Head 72%<br/>2:other than head 28%<br/>3:not available 0%</p>     | 3610 |
| 505 | Mode of delivery                     |  <p>1:Vaginal 25%<br/>2:Vaginal with manipulation 0%<br/>3:C/S 74%</p> | 3610 |
| 509 | Feto-Maternal transfusion syndrome   |  <p>1:Yes 1%<br/>2:No 86%<br/>3:not available 13%</p>                  | 3610 |
| 510 | Cord blood transfusion               |  <p>1:Yes 27%<br/>2:No 73%<br/>3:not available 0%</p>                  | 3610 |

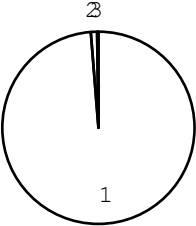
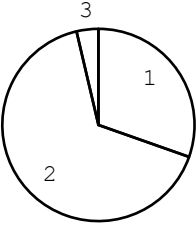
| No. | Resources of participating hospitals                                                     | All hospitals                                                                                                                                                                                                                                                                              | n    |
|-----|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 511 | Method of cord blood transfusion (among infants with Live birth, cord blood transfusion) |  <p>1:Milking before cord clumping 20%</p> <p>2:Milking after cord clumping 73%</p> <p>3:Delayed cord clumping (30~60 sec) 1%</p> <p>4:Delayed cord clumping (&gt;60sec) 4%</p> <p>5:not available 2%</p> | 756  |
| 521 | Hydrops                                                                                  |  <p>1:Yes 1%</p> <p>2:No 99%</p> <p>3:not available 0%</p>                                                                                                                                                | 3610 |
| 522 | Timing of PROM (among infants with PROM)                                                 |  <p>1:&lt; 24 hrs 34%</p> <p>2:&gt;= 24 hrs and &lt; 1 week 38%</p> <p>3:&gt;= 1 week 28%</p> <p>4:not available 0%</p>                                                                                  | 653  |
| 523 | Placental abruptio                                                                       |  <p>1:Yes 4%</p> <p>2:No 96%</p> <p>3:not available 0%</p>                                                                                                                                              | 3610 |
| 524 | Umbilical cord prolapse                                                                  |  <p>1:Yes 1%</p> <p>2:No 99%</p> <p>3:not available 0%</p>                                                                                                                                              | 3610 |
| 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>                                                                                                                  | 1512 |

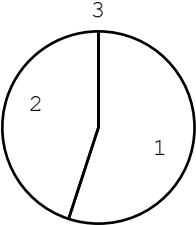
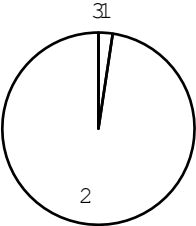
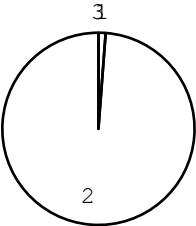
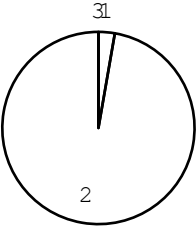
| No.                           | Resources of participating hospitals           | All hospitals                                                                                                                                  | n    |
|-------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 540                           | Maternal MgSO4                                 |  <p>1:Yes 39%<br/>2:No 61%<br/>3:not available 0%</p>         | 2577 |
| <b>D Neonatal information</b> |                                                |                                                                                                                                                |      |
| 602                           | Age(day) at admission                          |  <p>1:0 98%<br/>2:1 1%<br/>3:2 0%<br/>4:&gt;3 1%</p>          | 3610 |
| 603                           | Gender                                         |  <p>1:Male 53%<br/>2:Female 46%<br/>3:not available 1%</p>   | 3610 |
| 604                           | Neonatal transport                             |  <p>1:Yes 4%<br/>2:No 96%</p>                               | 3610 |
| 605                           | Maternal transport (among infants with inborn) |  <p>1:Elective 39%<br/>2:Emergency 43%<br/>3:Booked 18%</p> | 3476 |
| 606                           | Gestational age (mean)                         | 29.2                                                                                                                                           | 3609 |
|                               | SD                                             | 3.3                                                                                                                                            |      |
|                               | 95% confidence interval                        | 29.1-29.4                                                                                                                                      |      |

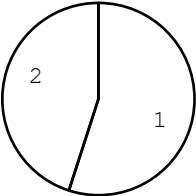
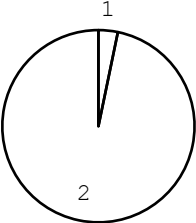
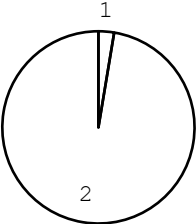
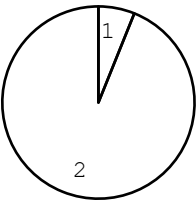
| No. | Resources of participating hospitals | All hospitals                                                                                                                            | n    |
|-----|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------|
| 608 | Apgar(1min)<br>(median)              | 5.0                                                                                                                                      | 3511 |
|     | lower quartile                       | 3.0                                                                                                                                      |      |
|     | upper quartile                       | 7.0                                                                                                                                      |      |
| 609 | Apgar(5min)<br>(median)              | 8.0                                                                                                                                      | 3513 |
|     | lower quartile                       | 6.0                                                                                                                                      |      |
|     | upper quartile                       | 9.0                                                                                                                                      |      |
| 610 | Oxygen use at birth                  |  <p>1:Yes 79%<br/>2:No 21%<br/>3:not available 0%</p>  | 3610 |
| 611 | Intubation at birth                  |  <p>1:Yes 54%<br/>2:No 46%<br/>3:not available 0%</p> | 3610 |
| 612 | Birht weight<br>(mean)               | 1096.3                                                                                                                                   | 3608 |
|     | SD                                   | 361.3                                                                                                                                    |      |
|     | 95% confidence interval              | 1084.5-1108.0                                                                                                                            |      |
| 613 | Body length at birth (mean)          | 35.9                                                                                                                                     | 3412 |
|     | SD                                   | 4.4                                                                                                                                      |      |
|     | 95% confidence interval              | 35.8-36.1                                                                                                                                |      |

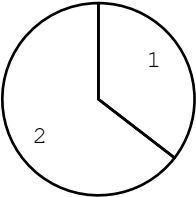
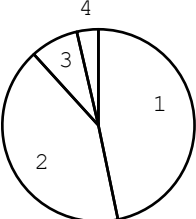
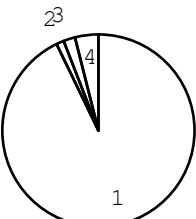
| No. | Resources of participating hospitals                           | All hospitals                                                                                                                          | n    |
|-----|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------|
| 614 | Head circumference at birth (mean)                             | 26.0                                                                                                                                   | 3374 |
|     | SD                                                             | 2.9                                                                                                                                    |      |
|     | 95% confidence interval                                        | 25.9-26.1                                                                                                                              |      |
| 615 | Live birth                                                     |  <p>1:Yes 100%<br/>2:No 0%</p>                        | 3610 |
| 620 | Cord blood gas analysis                                        |  <p>1:Yes 90%<br/>2:No 8%<br/>3:not available 2%</p> | 3231 |
| 622 | Cord blood pH (mean) (among infants with cord blood analysis)  | 7.3                                                                                                                                    | 2877 |
|     | SD                                                             | 0.1                                                                                                                                    |      |
|     | 95% confidence interval                                        | 7.3-7.3                                                                                                                                |      |
| 624 | Cord blood O2 (mean) (among infants with cord blood analysis)  | 25.1                                                                                                                                   | 2568 |
|     | SD                                                             | 22.1                                                                                                                                   |      |
|     | 95% confidence interval                                        | 24.2-25.9                                                                                                                              |      |
| 626 | Cord blood CO2 (mean) (among infants with cord blood analysis) | 46.6                                                                                                                                   | 2629 |
|     | SD                                                             | 14.3                                                                                                                                   |      |
|     | 95% confidence interval                                        | 46.1-47.2                                                                                                                              |      |

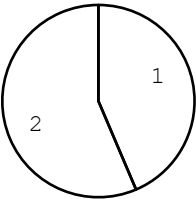
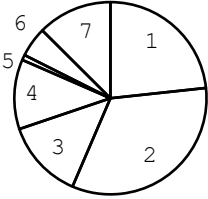
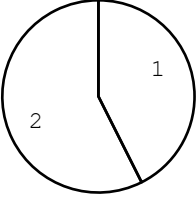
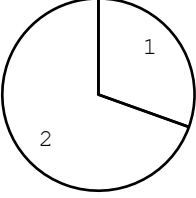
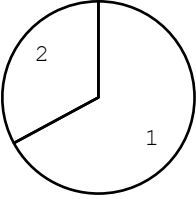


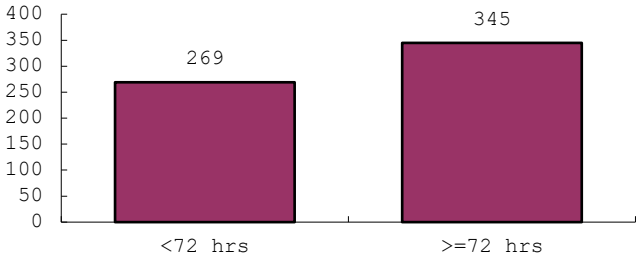
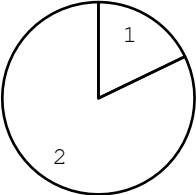
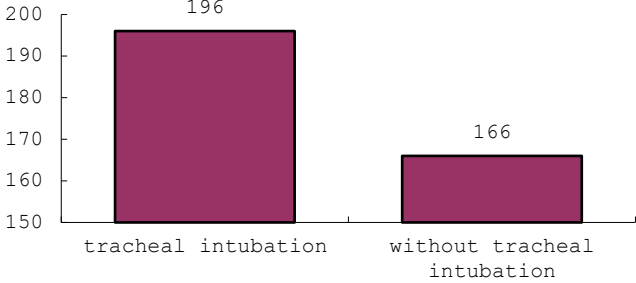
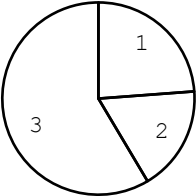
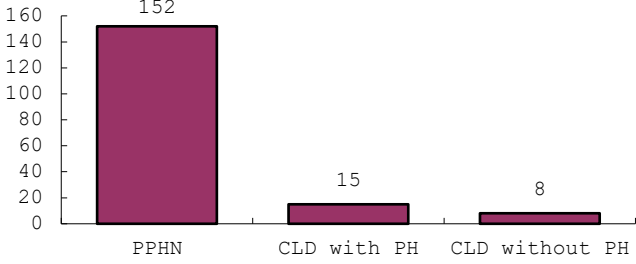
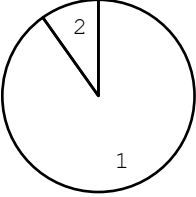
| No. | Resources of participating hospitals                                          | All hospitals                                                                                                                                                | n    |
|-----|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 628 | Cord blood base excess (mean)<br>(among infants with cord blood analysis)     | -3.4                                                                                                                                                         | 2916 |
|     | SD                                                                            | 4.5                                                                                                                                                          |      |
|     | 95% confidence interval                                                       | -3.6--3.3                                                                                                                                                    |      |
| 630 | Neonatal blood gas analysis<br>(among infants with live birth)                |  <p>1:Yes 99%<br/>2:No 1%<br/>3:not available 0%</p>                        | 3154 |
| 631 | Arterial or Venous sample<br>(among infants with neonatal blood gas analysis) |  <p>1:arterial blood 30%<br/>2:venous blood 66%<br/>3:not available 4%</p> | 3139 |
| 632 | Neonatal blood pH (mean)<br>(among infants with neonatal blood gas analysis)  | 7.3                                                                                                                                                          | 3178 |
|     | SD                                                                            | 0.1                                                                                                                                                          |      |
|     | 95% confidence interval                                                       | 7.3-7.3                                                                                                                                                      |      |
| 634 | Neonatal blood O2 (mean)<br>(among infants with neonatal blood gas analysis)  | 63.9                                                                                                                                                         | 3092 |
|     | SD                                                                            | 51.8                                                                                                                                                         |      |
|     | 95% confidence interval                                                       | 62.1-65.7                                                                                                                                                    |      |
| 636 | Neonatal blood CO2 (mean)<br>(among infants with neonatal blood gas analysis) | 47.6                                                                                                                                                         | 3148 |
|     | SD                                                                            | 14.4                                                                                                                                                         |      |
|     | 95% confidence interval                                                       | 47.1-48.1                                                                                                                                                    |      |

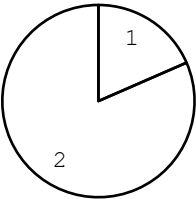
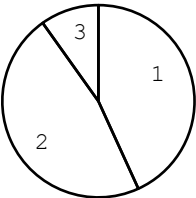
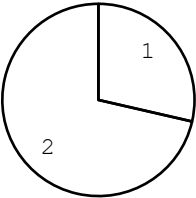
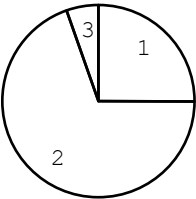
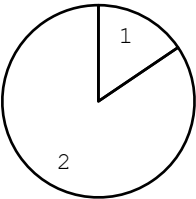
| No. | Resources of participating hospitals                                               | All hospitals                                                                                                                           | n    |
|-----|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------|
| 638 | Neonatal blood base excess (mean) (among infants with neonatal blood gas analysis) | -3.5                                                                                                                                    | 3196 |
|     | SD                                                                                 | 4.4                                                                                                                                     |      |
|     | 95% confidence interval                                                            | -3.7--3.4                                                                                                                               |      |
| 651 | Apgar(10 min) (median)                                                             | 8.0                                                                                                                                     | 906  |
|     | lower quartile                                                                     | 6.0                                                                                                                                     |      |
|     | upper quartile                                                                     | 9.0                                                                                                                                     |      |
| 652 | CPAP use at birth                                                                  |  <p>1:Yes 55%<br/>2:No 45%<br/>3:not available 0%</p> | 2541 |
| 653 | Chest comprssion at birth                                                          |  <p>1:Yes 2%<br/>2:No 98%<br/>3:not available 0%</p> | 2560 |
| 654 | Adrenalin use at birth                                                             |  <p>1:Yes 1%<br/>2:No 99%<br/>3:not available 0%</p> | 2497 |
| 655 | Withhold of aggressive resuscitation                                               |  <p>1:Yes 3%<br/>2:No 97%<br/>3:not available 0%</p> | 2484 |

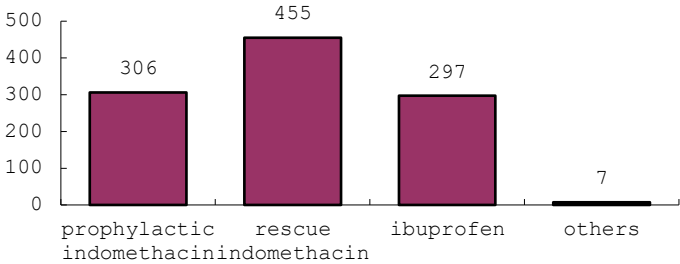
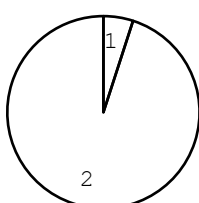
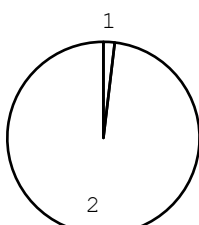
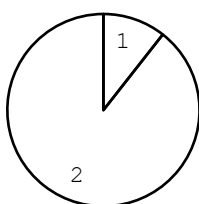
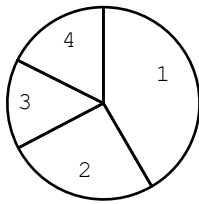
| No.      | Resources of participating hospitals                              | All hospitals                                                                                                                                 | n    |
|----------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------|
| 661      | Body temperature on admission (mean)                              | 36.7                                                                                                                                          | 2247 |
|          | SD                                                                | 0.7                                                                                                                                           |      |
|          | 95% confidence interval                                           | 36.7-36.7                                                                                                                                     |      |
| 662      | Hb on admission (mean)                                            | 16.1                                                                                                                                          | 2302 |
|          | SD                                                                | 2.7                                                                                                                                           |      |
|          | 95% confidence interval                                           | 16.0-16.2                                                                                                                                     |      |
| <b>E</b> | <b>Respiratory disease</b>                                        |                                                                                                                                               |      |
| 701      | RDS (among infants with live birth and remained)                  |  <p style="text-align: right;">1: Yes 55%<br/>2: No 45%</p> | 3511 |
| 702      | Air leak syndrome (among infants with live birth and remained)    |  <p style="text-align: right;">1: Yes 3%<br/>2: No 97%</p> | 3511 |
| 703      | Pulmonary hemorrhage (among infants with live birth and remained) |  <p style="text-align: right;">1: Yes 3%<br/>2: No 97%</p> | 3511 |
| 705      | PPHN (among infants with live birth and remained)                 |  <p style="text-align: right;">1: Yes 6%<br/>2: No 94%</p> | 3511 |

| No. | Resources of participating hospitals                                                      | All hospitals                                                                                                                                | n    |
|-----|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------|
| 706 | Length of oxygen use (median)<br>(among infants with live birth and remained)             | 29.0                                                                                                                                         | 2957 |
|     | lower quartile                                                                            | 3.0                                                                                                                                          |      |
|     | upper quartile                                                                            | 70.0                                                                                                                                         |      |
| 707 | Length of CPAP (median)<br>(among infants with live birth and remained)                   | 13.0                                                                                                                                         | 3511 |
|     | lower quartile                                                                            | 0.0                                                                                                                                          |      |
|     | upper quartile                                                                            | 37.0                                                                                                                                         |      |
| 708 | Length of mechanical ventilation (median)<br>(among infants with live birth and remained) | 3.0                                                                                                                                          | 3066 |
|     | lower quartile                                                                            | 0.0                                                                                                                                          |      |
|     | upper quartile                                                                            | 23.0                                                                                                                                         |      |
| 709 | Use of HFO (among infants with live birth, remained and mechanical ventilation)           |  <p>1: Yes 35%<br/>2: No 65%</p>                          | 2243 |
| 710 | Dose of surfactant (among infants with live birth and remained)                           |  <p>1: 0 47%<br/>2: 1 42%<br/>3: 2 8%<br/>4: 3&gt; 4%</p> | 3511 |
| 711 | Length of inhaled nitric oxide (among infants with live birth and remained)               |  <p>1: 0 93%<br/>2: 1 1%<br/>3: 2 2%<br/>4: 3&gt; 4%</p>  | 3511 |

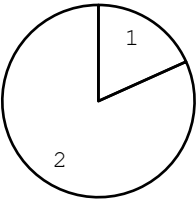
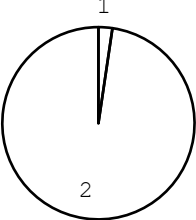
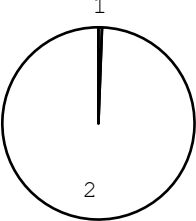
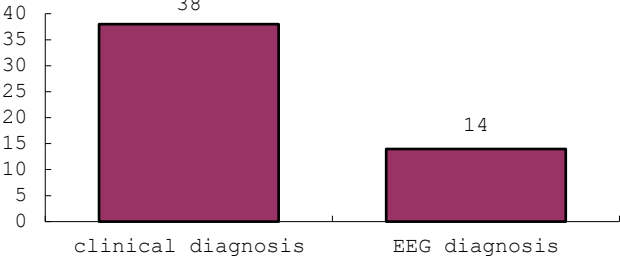
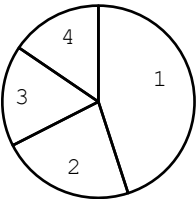
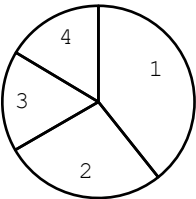
| No. | Resources of participating hospitals                                                  | All hospitals                                                                                                                                                                  | n    |
|-----|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 712 | CLD at 28 d (among infants with live birth, remained and alive at 28 days of age)     |  <p>1:Yes 44%<br/>2:No 56%</p>                                                                | 3092 |
| 713 | Type of CLD (among infants with CLD)                                                  |  <p>1:I 23%<br/>2:II 33%<br/>3:III 13%<br/>4:III' 12%<br/>5:IV 1%<br/>6:V 5%<br/>7:VI 13%</p> | 1348 |
| 714 | Glucocorticoid for CLD (among infants with CLD)                                       |  <p>1:Yes 43%<br/>2:No 57%</p>                                                               | 1348 |
| 715 | CLD at 36 wk (among infants with live birth, remained, alive at 36 wk(corrected age)) |  <p>1:Yes 30%<br/>2:No 70%</p>                                                              | 3029 |
| 716 | Oxygen concentration at 36 wk (median) (among infants with CLD at 36 wk)              | 23.0                                                                                                                                                                           | 1005 |
|     | lower quartile                                                                        | 21.0                                                                                                                                                                           |      |
|     | upper quartile                                                                        | 25.0                                                                                                                                                                           |      |
| 720 | Thoracocentesis (among infants with live birth, remained and pulmonary airleak)       |  <p>1:Yes 67%<br/>2:No 33%</p>                                                              | 73   |

| 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 400 in increments of 50. The horizontal axis has two categories: '&lt;72 hrs' and '&gt;=72 hrs'. The bar for '&lt;72 hrs' has a value of 269. The bar for '&gt;=72 hrs' has a value of 345.</p>                                                          | 567  |
| 732 | NAVA use (among infants with live birth, remained and NAVA)                              |  <p>A pie chart divided into two segments. Segment 1 is labeled '1' and represents 18%. Segment 2 is labeled '2' and represents 82%.</p>                                                                                                                                                                 | 1411 |
| 733 | Method of NAVA (among infants with live birth, remained and NAVA)                        |  <p>A bar chart with a vertical axis from 150 to 200 in increments of 10. The horizontal axis has two categories: 'tracheal intubation' and 'without tracheal intubation'. The bar for 'tracheal intubation' has a value of 196. The bar for 'without tracheal intubation' has a value of 166.</p>     | 241  |
| 734 | Chest X-ray findings (among infants with live birth, remained and CLD)                   |  <p>A pie chart divided into three segments. Segment 1 is labeled '1' and represents 24%. Segment 2 is labeled '2' and represents 18%. Segment 3 is labeled '3' and represents 59%.</p>                                                                                                                | 714  |
| 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 in increments of 20. The horizontal axis has three categories: 'PPHN', 'CLD with PH', and 'CLD without PH'. The bar for 'PPHN' has a value of 152. The bar for 'CLD with PH' has a value of 15. The bar for 'CLD without PH' has a value of 8.</p> | 172  |
| 751 | CLD respiratory support at 36 wk (among infants with live birth, remained and CLD 36 wk) |  <p>A pie chart divided into two segments. Segment 1 is labeled '1' and represents 90%. Segment 2 is labeled '2' and represents 10%.</p>                                                                                                                                                               | 723  |

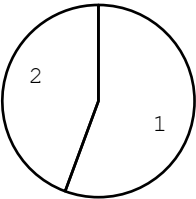
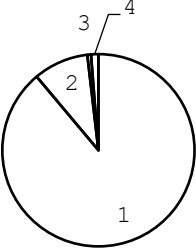
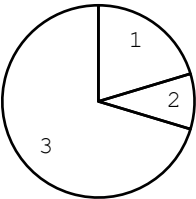
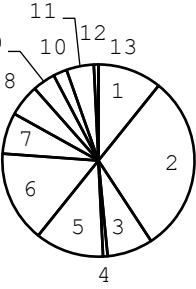
| No.      | Resources of participating hospitals                                                            | All hospitals                                                                                                                                                 | n    |
|----------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 752      | CLD respiratory support at 40 wk (among infants with live birth, remained and CLD 36 wk)        |  <p>1:Yes 18%<br/>2:No 82%</p>                                               | 2189 |
| 753      | CLD respiratory support method at 40 wk (among infants with live birth, remained and CLD 40 wk) |  <p>1:oxygen 43%<br/>2:non-invasive 47%<br/>3:mechanical ventilation 10%</p> | 396  |
| <b>F</b> | <b>Circulatory problem</b>                                                                      |                                                                                                                                                               |      |
| 801      | PDA with symptom (among infants with live birth and remained)                                   |  <p>1:Yes 29%<br/>2:No 71%</p>                                              | 3511 |
| 802      | Indomethacin for PDA (among infants with live birth and remained)                               |  <p>1:Yes 25%<br/>2:No 70%<br/>3:prophylactic 5%</p>                       | 3511 |
| 803      | Surgical ligation for PDA (among infants with symptomatic PDA)                                  |  <p>1:Yes 16%<br/>2:No 84%</p>                                             | 1004 |

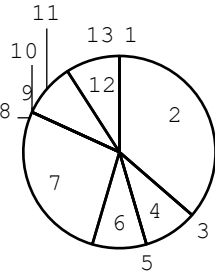
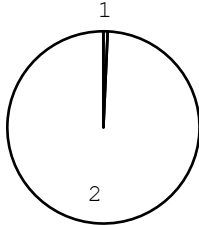
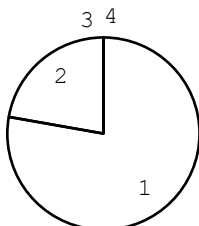
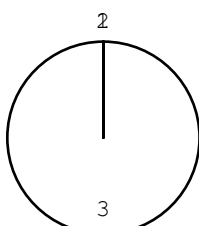
| No.      | Resources of participating hospitals                                                        | All hospitals                                                                                                                                                                      | n    |
|----------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 821      | Drugs for PDA (among infants with live birth, remained and PDA)                             |  <p>prophylactic indomethacin 306<br/>rescue indomethacin 455<br/>ibuprofen 297<br/>others 7</p> | 961  |
| 851      | Late onset adrenal insufficiency (among infants with live birth, remained and alive at 7 d) |  <p>1: Yes 5%<br/>2: No 95%</p>                                                                   | 3227 |
| <b>G</b> | <b>Neurological problem</b>                                                                 |                                                                                                                                                                                    |      |
| 901      | Seizure (among infants with live birth and remained)                                        |  <p>1: Yes 2%<br/>2: No 98%</p>                                                                  | 3511 |
| 902      | Intraventricular hemorrhage (among infants with live birth and remained)                    |  <p>1: Yes 11%<br/>2: No 89%</p>                                                                | 3511 |
| 903      | Grade of IVH (among infants with live birth, remained and IVH)                              |  <p>1: I 42%<br/>2: II 26%<br/>3: III 15%<br/>4: IV 18%</p>                                     | 358  |

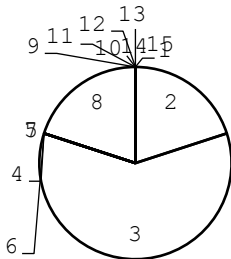

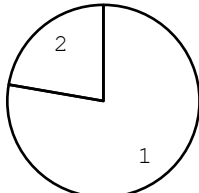


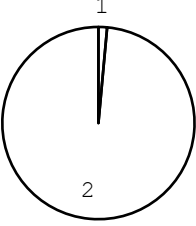
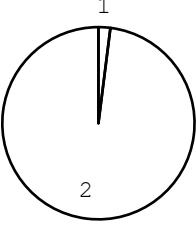
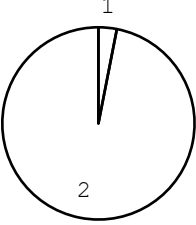
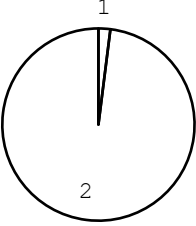
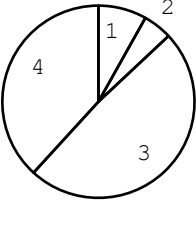
| No. | Resources of participating hospitals                                       | All hospitals                                                                                                                                  | n    |
|-----|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 904 | Post IVH hydrocephalus (among infants with live birth, remained and IVH)   |  <p>1: Yes 18%<br/>2: No 82%</p>                              | 372  |
| 905 | PVL (among infants with live birth and remained)                           |  <p>1: Yes 2%<br/>2: No 98%</p>                               | 3511 |
| 906 | HIE (among infants with live birth and remained)                           |  <p>1: Yes 1%<br/>2: No 99%</p>                              | 3511 |
| 911 | Diagnosis of seivure (among infants with live birth, remained and seizure) |  <p>clinical diagnosis 38<br/>EEG diagnosis 14</p>         | 41   |
| 921 | Grade of IVH right (among infants with live birth, remained and IVH)       |  <p>1: I 45%<br/>2: II 22%<br/>3: III 17%<br/>4: IV 16%</p> | 200  |
| 922 | Grade of IVH left (among infants with live birth, remained and IVH)        |  <p>1: I 39%<br/>2: II 27%<br/>3: III 17%<br/>4: IV 16%</p> | 201  |

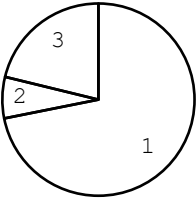
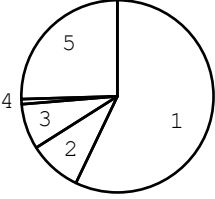
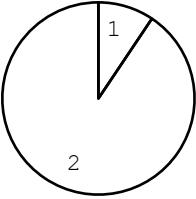
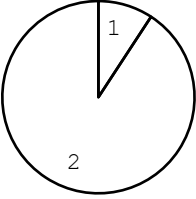
| No.      | Resources of participating hospitals                                                                  | All hospitals                                   | n    |
|----------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------|------|
| 931      | Shunt for post IVH hydrocephalus (among infants with live birth, remained and post IVH hydrocephalus) | <p>1: Yes 55%<br/>2: No 45%</p>                 | 55   |
| 941      | Whit matter leison (among infants with live birth and remained)                                       | <p>1: Yes 6%<br/>2: No 94%<br/>3: no MRI 0%</p> | 2158 |
| <b>H</b> | <b>Infection</b>                                                                                      |                                                 |      |
| 1001     | Intrauterine infection (among infants with live birth and remained)                                   | <p>1: Yes 9%<br/>2: No 91%</p>                  | 3511 |
| 1002     | Sepsis (among infants with live birth and remained)                                                   | <p>1: Yes 6%<br/>2: No 94%</p>                  | 3511 |
| 1004     | Early onset sepsis (among infants with live birth, remained and sepsis)                               | <p>1: Yes 11%<br/>2: No 89%</p>                 | 223  |

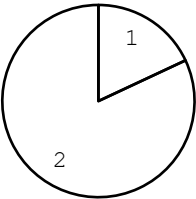
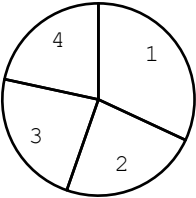
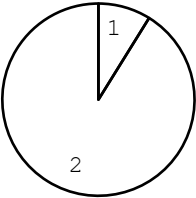
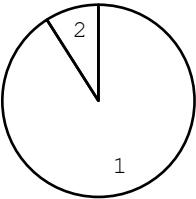
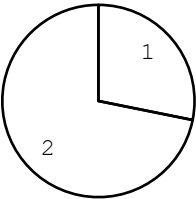
| No.  | Resources of participating hospitals                                                        | All hospitals                                                                                                                                                                                                                                                                                                                                                                                                                 | n    |
|------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1010 | Use of antibiotics (among infants with live birth and remained)                             |  <p>1: Yes 56%<br/>2: No 44%</p>                                                                                                                                                                                                                                                                                                             | 3511 |
| 1011 | Number of sepsis episodes (among infants with live birth, remained and sepsis)              |  <p>1: 1 89%<br/>2: 2 9%<br/>3: 3 1%<br/>4: &gt;=4 1%</p>                                                                                                                                                                                                                                                                                    | 162  |
| 1012 | Onset of 1st episode (among infants with live birth, remained and sepsis)                   |  <p>1: 0~2 days 20%<br/>2: 3~6 days 9%<br/>3: &gt;=7 days 70%</p>                                                                                                                                                                                                                                                                           | 172  |
| 1013 | Pathogen 1st sepsis (among infants with live birth, remained and sepsis)                    |  <p>1: E.coli 11%<br/>2: CNS (coagulase negative staphylococci) 30%<br/>3: GBS 8%<br/>4: Streptococcus spp (except GBS) 1%<br/>5: MSSA 12%<br/>6: MRSA 15%<br/>7: Klebsiella spp 7%<br/>8: Enterococcus spp 5%<br/>9: Enterobacter spp 4%<br/>10: Pseudomonas Aerigonosa 2%<br/>11: Candida sp. 5%<br/>12: Fungus 1%<br/>13: others 0%</p> | 130  |
| 1021 | Onset of 2nd sepsis (median) (among infants with live birth, remained and 2nd onset sepsis) | 74.0                                                                                                                                                                                                                                                                                                                                                                                                                          | 15   |
|      | lower quartile                                                                              | 51.0                                                                                                                                                                                                                                                                                                                                                                                                                          |      |
|      | upper quartile                                                                              | 97.5                                                                                                                                                                                                                                                                                                                                                                                                                          |      |

| 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"> <li>1: E. coli 0%</li> <li>2: CNS (coagulase negative staphylococci) 36%</li> <li>3: GBS 0%</li> <li>4: Streptococcus spp (except GBS) 9%</li> <li>5: MSSA 0%</li> <li>6: MRSA 9%</li> <li>7: Klebsiella spp 27%</li> <li>8: Enterococcus spp 0%</li> <li>9: Enterobacter spp 0%</li> <li>10: Pseudomonas Aerigonosa 0%</li> <li>11: Candida sp. 9%</li> <li>12: Fungus 9%</li> <li>13: others 0%</li> </ul> | 11   |
| 1031 | Meningitis (among infants with live birth and remained)                                |  <ul style="list-style-type: none"> <li>1: Yes 1%</li> <li>2: No 99%</li> </ul>                                                                                                                                                                                                                                                                                                                                                                 | 2248 |
| 1032 | Number of meningitis episodes (among infants with live birth, remained and meningitis) |  <ul style="list-style-type: none"> <li>1: 1 78%</li> <li>2: 2 22%</li> <li>3: 3 0%</li> <li>4: &gt;=4 0%</li> </ul>                                                                                                                                                                                                                                                                                                                           | 9    |
| 1033 | Onset of 1st meningitis (among infants with live birth, remained and meningitis)       |  <ul style="list-style-type: none"> <li>1: 0 ~ 2 days 0%</li> <li>2: 3 ~ 6 days 0%</li> <li>3: &gt;=7 days 100%</li> </ul>                                                                                                                                                                                                                                                                                                                     | 9    |

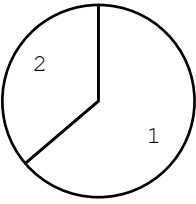
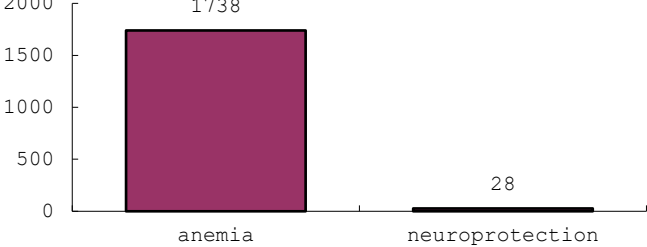
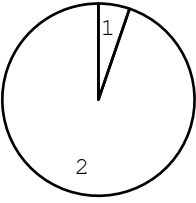
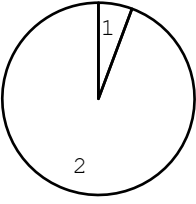
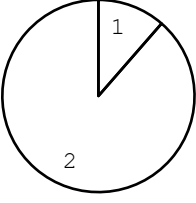
| No.  | Resources of participating hospitals                                                          | All hospitals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | n    |
|------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1034 | Pathogene of 1st meningitis (among infants with live birth, remained and meningitis)          |  <p>1:E.coli 0%<br/>                 2:CNS (coagulase negative staphylococci) 20%<br/>                 3:GBS 60%<br/>                 4:Streptococcus spp (except GBS) 0%<br/>                 5:MSSA 0%<br/>                 6:MRSA 0%<br/>                 7:Klebsiella spp 0%<br/>                 8:Enterococcus spp 20%<br/>                 9:Enterobacter spp 0%<br/>                 10:Pseudomonas Aerigonosa 0%<br/>                 11:Candida sp. 0%<br/>                 12:Fungus 0%<br/>                 13:others 0%<br/>                 14:not available 0%<br/>                 15:CSF not obtained 0%</p> | 5    |
| 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)        |  <p>1:E.coli 0%<br/>                 2:CNS (coagulase negative staphylococci) 0%<br/>                 3:GBS 0%<br/>                 4:Streptococcus spp (except GBS) 0%<br/>                 5:MSSA 0%<br/>                 6:MRSA 0%<br/>                 7:Klebsiella spp 0%<br/>                 8:Enterococcus spp 0%<br/>                 9:Enterobacter spp 0%<br/>                 10:Pseudomonas Aerigonosa 0%<br/>                 11:Candida sp. 0%<br/>                 12:Fungus 0%<br/>                 13:others 0%<br/>                 14:not available 0%<br/>                 15:CSF not obtained 0%</p>  | 0    |
| I    | <b>Gastrointestinal problem</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |
| 1101 | Intravenous hyperalimentation (among infants with live birth and remained)                    |  <p>1:Yes 78%<br/>                 2:No 22%</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3511 |

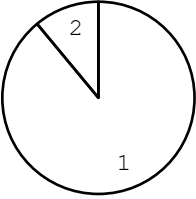
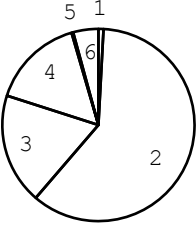
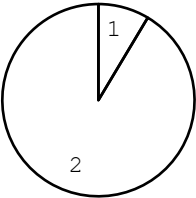
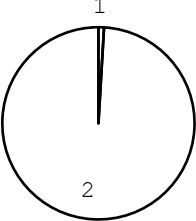
| No.   | Resources of participating hospitals                                                                | All hospitals                                                                                                                                                                                         | n    |
|-------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1102  | NEC<br>(among infants with live birth and remained)                                                 |  <p>1:Yes 1%<br/>2:No 99%</p>                                                                                        | 3511 |
| 1103  | Idiopathic intestinal perforation<br>(among infants with live birth and remained)                   |  <p>1:Yes 2%<br/>2:No 98%</p>                                                                                        | 3511 |
| 1103B | NEC or Idiopathic intestinal perforation<br>(among infants with live birth and remained)            |  <p>1:Yes 3%<br/>2:No 97%</p>                                                                                       | 3511 |
| 1104  | Meconium related ileus<br>(among infants with live birth and remained)                              |  <p>1:Yes 2%<br/>2:No 98%</p>                                                                                      | 3511 |
| 1111  | Treatment for intestinal perforation<br>(among infants with live birth, remained and NEC, FIP, MRI) |  <p>1:drainage only 8%<br/>2:laparotomy 5%<br/>3:laparotomy and ileostomy 49%<br/>4:medical treatment only 38%</p> | 123  |

| No.                                 | Resources of participating hospitals                                    | All hospitals                                                                       |                                                                                               | n    |
|-------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------|
| <b>J Hearing screening</b>          |                                                                         |                                                                                     |                                                                                               |      |
| 1201                                | Hearing loss screening (among infants with live birth and remained)     |    | 1:Pass 72%<br>2:Refer 7%<br>3:not done 21%                                                    | 3511 |
| <b>K Retinopathy of prematurity</b> |                                                                         |                                                                                     |                                                                                               |      |
| 1301                                | ROP(worst stage) (among infants with live birth and remained)           |    | 1:<II 57%<br>2:III (early) 9%<br>3:III (intermediate) 8%<br>4:III (late) 1%<br>5:not done 25% | 3511 |
| 1302                                | Treatment for ROP (among infants with live birth and remained)          |  | 1:Yes 9%<br>2:No 91%                                                                          | 3511 |
| <b>L Diagnosis</b>                  |                                                                         |                                                                                     |                                                                                               |      |
| 1411                                | Congenital anomaly                                                      |  | 1:Yes 9%<br>2:No 91%                                                                          | 3610 |
| 1412                                | Diagnosis of congenital anomaly (among infants with congenital anomaly) | 888<br>502<br>403<br>503<br>504                                                     | 92Number<br>29Number<br>26Number<br>23Number<br>16Number                                      | 306  |

| 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 18%<br/>2:No 82%</p>                                        | 316  |
| <b>M</b> | <b>Summary</b>                                                                                    |                                                                                                                                                        |      |
| 1501     | Age at enteral feeding exceed 100ml/kg (median) (among infants with live birth and remained)      | 10.0                                                                                                                                                   | 2968 |
|          | 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% 32%<br/>2:50 ~ 99% 23%<br/>3:1 ~ 49% 23%<br/>4:0% 22%</p> | 1666 |
| 1503     | Donor milk use (among infants with live birth and remained)                                       |  <p>1:Yes 9%<br/>2:No 91%</p>                                       | 1278 |
| 1504     | Source of donor milk (among infants with live birth, remained and donor milk use)                 |  <p>1:milk bank 91%<br/>2:in-hospital 9%</p>                        | 111  |
| 1511     | Blood transfusion (among infants with live birth and remained)                                    |  <p>1:Yes 28%<br/>2:No 72%</p>                                      | 3511 |



| No.      | Resources of participating hospitals                                                        | All hospitals                                                                                                                | n    |
|----------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------|
| 1512     | Erythropoietin (among infants with live birth and remained)                                 |  <p>1:Yes 64%<br/>2:No 36%</p>              | 3511 |
| 1513     | Purposes of erythropoietin use (among infants with live birth, remained and erythropoietin) |  <p>anemia 1738<br/>neuroprotection 28</p> | 1743 |
| <b>N</b> | <b>Condition at discharge</b>                                                               |                                                                                                                              |      |
| 1601     | Age at discharge (mean) (among infants with live birth and remained)                        | 90.8                                                                                                                         | 3322 |
|          | SD                                                                                          | 97.0                                                                                                                         |      |
|          | 95% confidence interval                                                                     | 87.5-94.1                                                                                                                    |      |
| 1602A    | Dead at discharge (among infants with live birth and remained)                              |  <p>1:Yes 5%<br/>2:No 95%</p>             | 3505 |
| 1602B    | Dead at discharge (among infants with live birth)                                           |  <p>1:Yes 6%<br/>2:No 94%</p>             | 3521 |
| 1603     | Autopsy (among infants with live birth, remained and dead at discharge)                     |  <p>1:Yes 11%<br/>2:No 89%</p>            | 184  |

| No.                              | Resources of participating hospitals                                                          | All hospitals                                                                                                                                                                                                                                                                                                                                                                                                                                        | n                    |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
|----------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------|--------------|----------|------------------|----------|------------------|----------|----------------------------------|----------|-------------|----|-----|
| 1604                             | Cause of death<br>(among infants with live birth, remained and dead at discharge)             | <table style="margin-left: auto; margin-right: auto;"> <tr><td>100</td><td>22Number</td></tr> <tr><td>400</td><td>13Number</td></tr> <tr><td>310</td><td>12Number</td></tr> <tr><td>900</td><td>11Number</td></tr> <tr><td>90</td><td>10Number</td></tr> </table>                                                                                                                                                                                    | 100                  | 22Number | 400          | 13Number | 310              | 12Number | 900              | 11Number | 90                               | 10Number | 152         |    |     |
| 100                              | 22Number                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 400                              | 13Number                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 310                              | 12Number                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 900                              | 11Number                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 90                               | 10Number                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 1605                             | Discharge home<br>(among infants with live birth, remained and alive at discharge)            |  <table style="margin-left: auto; margin-right: auto;"> <tr><td>1:Yes</td><td>89%</td></tr> <tr><td>2:No</td><td>11%</td></tr> </table>                                                                                                                                                                                                                             | 1:Yes                | 89%      | 2:No         | 11%      | 3321             |          |                  |          |                                  |          |             |    |     |
| 1:Yes                            | 89%                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 2:No                             | 11%                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 1606                             | Disposition<br>(among infants with live birth, remained, alive at discharge, and transferred) |  <table style="margin-left: auto; margin-right: auto;"> <tr><td>1:Delivered hospital</td><td>1%</td></tr> <tr><td>2:Other NICU</td><td>60%</td></tr> <tr><td>3:Pediatric ward</td><td>19%</td></tr> <tr><td>4:Other hospital</td><td>16%</td></tr> <tr><td>5:Facility for disabled children</td><td>0%</td></tr> <tr><td>6:Orphanage</td><td>4%</td></tr> </table> | 1:Delivered hospital | 1%       | 2:Other NICU | 60%      | 3:Pediatric ward | 19%      | 4:Other hospital | 16%      | 5:Facility for disabled children | 0%       | 6:Orphanage | 4% | 354 |
| 1:Delivered hospital             | 1%                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 2:Other NICU                     | 60%                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 3:Pediatric ward                 | 19%                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 4:Other hospital                 | 16%                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 5:Facility for disabled children | 0%                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 6:Orphanage                      | 4%                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 1607                             | HOT<br>(among infants with live birth, remained and alive at discharge)                       |  <table style="margin-left: auto; margin-right: auto;"> <tr><td>1:Yes</td><td>9%</td></tr> <tr><td>2:No</td><td>91%</td></tr> </table>                                                                                                                                                                                                                            | 1:Yes                | 9%       | 2:No         | 91%      | 3321             |          |                  |          |                                  |          |             |    |     |
| 1:Yes                            | 9%                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 2:No                             | 91%                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 1608                             | Tracheostomy<br>(among infants with live birth and alive at discharge)                        |  <table style="margin-left: auto; margin-right: auto;"> <tr><td>1:Yes</td><td>1%</td></tr> <tr><td>2:No</td><td>99%</td></tr> </table>                                                                                                                                                                                                                            | 1:Yes                | 1%       | 2:No         | 99%      | 3321             |          |                  |          |                                  |          |             |    |     |
| 1:Yes                            | 1%                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 2:No                             | 99%                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
| 1609                             | Body weight at discharge (mean)<br>(among infants with alive at discharge)                    | 2764.0                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3211                 |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
|                                  | SD                                                                                            | 774.6                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |
|                                  | 95% confidence interval                                                                       | 2737.2-2790.8                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |          |              |          |                  |          |                  |          |                                  |          |             |    |     |

| No.  | Resources of participating hospitals                                              | All hospitals | n    |
|------|-----------------------------------------------------------------------------------|---------------|------|
| 1610 | Body length at discharge (mean)<br>(among infants with alive at discharge)        | 46.3          | 3171 |
|      | SD                                                                                | 4.7           |      |
|      | 95% confidence interval                                                           | 46.1-46.4     |      |
| 1611 | Head circumference at discharge (mean)<br>(among infants with alive at discharge) | 33.9          | 3176 |
|      | SD                                                                                | 3.0           |      |
|      | 95% confidence interval                                                           | 33.8-34.0     |      |