

Web appendix B. Prevalence of individual characteristics

| | Mazumder (2014) | Rahmathullah (2003) | Klemm (2008) | Humphrey (1996) | Edmond (2014) | Masanja (2014) | Benn (2008) | Benn (2010) | Benn (2014) | Malaba (2005) & Humprey (2006) | Soofi (2016) |
|---------------------------------|--------------------|------------------------|-----------------|--------------------|------------------|-------------------|-------------|-------------|-------------|---|--------------|
| Overall | 44,984 | 13,294 | 15,902 | 2,067 | 22,955 | 31,999 | 4,345 | 1,736 | 6,048 | 14,104 | 11,028 |
| Sex | | | | | | | | | | | |
| Male | 23,418 | 5,968 | 7,917 | 1,075 | 11,649 | 16,783 | 2,044 | 754 | 2,862 | 7,254 | 5,737 |
| Female | 21,566 | 5,651 | 7,647 | 992 | 11,306 | 15,211 | 1,961 | 955 | 2,695 | 6,844 | 5,286 |
| Birth Weight | | | | | | | | | | | |
| <2500 grams | 10,658 | 3,671 | 7,717 | 199 | 3,592 | 3,882 | - | - | - | 1,936 | 637 |
| >2500 grams | 34,317 | 7,948 | 6,293 | 1,868 | 19,363 | 28,101 | - | - | - | 12,122 | 6,605 |
| Maternal Education | | | | | | | | | | | |
| None | 18,814 | 5,070 | 6,606 | 12 | 7,127 | 2,645 | 1,127 | 623 | 1,510 | 103 | - |
| Primary | 6,453 | 3,378 | 3,307 | 68 | 4,236 | 24,054 | 1,303 | 507 | 1,587 | 2,433 | - |
| Secondary | 19,717 | 3,171 | 5,618 | 1,745 | 11,578 | 2,963 | 1,214 | 560 | 1,882 | 11,548 | - |
| Maternal Supplementation | | | | | | | | | | | |
| Yes | - | - | 10,338 | - | 11,656 | 24,213 | - | - | - | 7,054 | - |
| No | - | - | 5,226 | - | 11,291 | 7,346 | - | - | - | 7,050 | - |
| Colostrum Given | | | | | | | | | | | |
| Yes | 37,301 | 10,762 | 14,657 | - | 22,431 | 30,806 | - | - | - | 12,402 | 9,440 |
| No | 7,683 | 857 | 760 | - | 524 | 779 | - | - | - | 1,702 | 1,567 |
| Parity | | | | | | | | | | | |
| 1 | 14,727 | 3,758 | 10,485 | 886 | 6,241 | 7,715 | 1,147 | 788 | 1,617 | 6,074 | 4,810 |
| 2-3 | 22,429 | 5,967 | 3,951 | 739 | 8,685 | 11,530 | 1,548 | 549 | 2,214 | 6,240 | 3,354 |
| >4 | 7,828 | 1,894 | 1,099 | 442 | 8,029 | 7,006 | 1,199 | 364 | 1,598 | 1,790 | 2,864 |

Time of Dosing

| | | | | | | | | | | | |
|-------------------|--------|-------|--------|-------|--------|--------|-------|-----|-------|--------|-------|
| <24 hours | 29,179 | 5,329 | 12,368 | 1,818 | 16,792 | 25,598 | 814 | 27 | 838 | 10,444 | 6,617 |
| 24-47 hours | 12,754 | 3,932 | 816 | 239 | 5,114 | 5,820 | 1,758 | 851 | 2,431 | 2,699 | 1,522 |
| <u>≥ 48 hours</u> | 3,050 | 2,358 | 2,380 | 10 | 1,049 | 581 | 1,433 | 831 | 2,288 | 906 | 2,883 |

Term and Preterm SGA

| | | | | | | | | | | | |
|-------------|--------|-------|-------|-------|---|--------|---|---|---|--------|---|
| Term AGA | 24,522 | 4,613 | 2,916 | 9 | - | 13,506 | - | - | - | 10,108 | - |
| Term SGA | 12,875 | 5,413 | 6,525 | 40 | - | 3,393 | - | - | - | 2,781 | - |
| Preterm AGA | 6,844 | 1,341 | 2,200 | 414 | - | 3,441 | - | - | - | 841 | - |
| Preterm SGA | 743 | 169 | 539 | 1,604 | - | 92 | - | - | - | 218 | - |

Initiation of Breastfeeding (hours)

| | | | | | | | | | | | |
|------------|--------|-------|-------|---|--------|--------|---|---|---|-------|-------|
| <=1 hour | 14,543 | | 2,795 | - | 14,186 | 28,252 | - | - | - | 6,653 | 1,073 |
| 2-23 hours | 26,192 | | 8,226 | - | 8,455 | 3,396 | - | - | - | 5,749 | 9,289 |
| >=24 hours | 4,059 | 2,202 | 3,932 | - | 307 | 243 | - | - | - | 177 | 109 |
| | 190 | | | | | | | | | | |

Retinol <1.05

| | | | | | | | | | | | |
|------------------|-----|---|-----|---|-----|-----|---|---|---|-------|---|
| <1.05 micromol/L | 217 | - | 344 | - | 72 | 172 | - | - | - | 3,014 | - |
| ≥1.05 micromol/L | 345 | - | 335 | - | 469 | 343 | - | - | - | 4,565 | - |

Maternal Night Blindness

| | | | | | | | | | | | |
|-----|---|--------|--------|-------|---|---|---|---|---|---|---|
| Yes | - | 674 | 1,697 | 2 | - | - | - | - | - | - | - |
| No | - | 10,945 | 13,603 | 2,065 | - | - | - | - | - | - | - |
