Supplementary Table 2. Rotavirus prevalence and G1, P[8] and non-G1P[8] strain prevalence at Chris Hani Baragwanath Academic Hospital, Mpumalanga sites (Mapulaneng and Matikwane Hospitals), Edendale Hospital, Red Cross Children’s Hospital and Ngwelezane Hospital between 2009 and 2014\*.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Total stools | Rotavirus positive | | G1 strains | | P[8] strains | | Non-G1P[8] strains | |
|  | n | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Chris Hani Baragwanath Academic Hospital | | | | | | | | | |
| 2009 | 429 | 196 | 46 (41-50) | 85 | 43 (37-50) | 96 | 49 (42-56) | 88 | 45 (38-52) |
| 2010 | 560 | 136 | 24 (21-28) | 57 | 42 (34-50) | 77 | 57 (48-65) | 55 | 40 (33-49) |
| 2011 | 305 | 67 | 22 (18-27) | 17 | 25 (16-37) | 58 | 87 (76-93) | 7 | 10 (5-20) |
| 2012 | 201 | 41 | 20 (15-26) | 2 | 5 (1-16) | 22 | 54 (39-68) | 19 | 46 (32-61) |
| 2013 | 271 | 88 | 32 (27-38) | 1 | 1 (0-6) | 17 | 19 (12-29) | 70 | 80 (70-87) |
| 2014 | 335 | 90 | 27 (22-32) | 37 | 41 (32-51) | 70 | 78 (68-85) | 20 | 22 (15-32) |
| Mpumalanga Sites (Mapulaneng and Matikwane Hospitals) | | | | | | | | | |
| 2009 | 208 | 104 | 50 (43-57) | 66 | 63 (54-72) | 74 | 71 (62-79) | 21 | 20 (14-29) |
| 2010 | 276 | 53 | 19 (15-24) | 15 | 28 (18-42) | 24 | 45 (33-59) | 27 | 51 (38-64) |
| 2011 | 152 | 38 | 25 (19-32) | 8 | 21 (11-36) | 35 | 92 (79-97) | 3 | 8 (3-21) |
| 2012 | 204 | 45 | 22 (17-28) | 1 | 2 (0-12) | 26 | 58 (43-71) | 19 | 42 (29-57) |
| 2013 | 192 | 44 | 23 (18-29) | 1 | 2 (0-12) | 7 | 16 (8-29) | 37 | 84 (71-92) |
| 2014 | 118 | 20 | 17 (11-25) | 8 | 40 (22-61) | 11 | 55 (34-74) | 9 | 45 (26-66) |
| Edendale Hospital | | | | | | | | | |
| 2010 | 84 | 19 | 23 (15-33) | 5 | 26 (12-49) | 15 | 79 (57-91) | 3 | 16 (6-38) |
| 2011 | 96 | 31 | 32 (24-42) | 5 | 16 (7-33) | 26 | 84 (67-93) | 5 | 16 (7-33) |
| 2012 | 56 | 14 | 25 (16-38) | 0 | 0 (0-22) | 6 | 43 (21-67) | 8 | 57 (33-79) |
| 2013 | 74 | 24 | 32 (23-44) | 0 | 0 (0-14) | 3 | 13 (4-31) | 21 | 88 (69-96) |
| 2014 | 55 | 19 | 35 (23-48) | 2 | 11 (3-31) | 5 | 26 (12-49) | 14 | 74 (51-88) |
| Red Cross Children’s Hospital | | | | | | | | | |
| 2010 | 167 | 70 | 42 (35-49) | 6 | 9 (4-17) | 36 | 51 (40-63) | 32 | 46 (35-57) |
| 2011 | 496 | 160 | 32 (28-36) | 41 | 26 (19-33) | 145 | 90 (85-94) | 14 | 9 (5-14) |
| 2012 | 351 | 76 | 22 (18-26) | 6 | 8 (4-16) | 25 | 33 (23-44) | 51 | 67 (56-77) |
| 2013 | 434 | 147 | 34 (30-38) | 1 | 1 (0-4) | 125 | 85 (78-90) | 22 | 15 (10-22) |
| 2014 | 319 | 49 | 15 (12-20) | 3 | 6 (2-17) | 9 | 18 (10-31) | 40 | 82 (69-90) |
| Ngwelezane Hospital | | | | | | | | | |
| 2010 | 100 | 27 | 27 (19-36) | 2 | 7 (2-23) | 20 | 74 (55-87) | 7 | 26 (13-45) |
| 2011 | 151 | 18 | 12 (8-18) | 6 | 33 (16-56) | 12 | 67 (44-84) | 6 | 33 (16-56) |
| 2012 | 241 | 69 | 29 (23-35) | 1 | 1 (3-8) | 56 | 81 (70-89) | 13 | 19 (11-30) |
| 2013 | 488 | 100 | 20 (17-24) | 0 | 0 (0-4) | 10 | 10 (6-17) | 90 | 90 (83-95) |

\*The Wilson confidence intervals are indicated for binomial proportions.