

Table 3 Incidence of 11 leading communicable diseases among children under 5 years making a new visit to a BPHS facility, 2005-2013

| Year | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Trend | P value ¹ |
|--|--------------------|----------------------|----------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|----------------------|
| Total no. of new visits | 2 883 736 | 4 197 342 | 5 042 403 | 7 133 644 | 8 719 468 | 9 763 501 | 11 276 038 | 11 914 276 | 13 404 322 | N/A | N/A |
| 11 leading communicable diseases, no. (% of all new visits) | 2 150 777 (74.58) | 3 111 946 (74.14) | 3 712 426 (73.62) | 5 041 490 (70.67) | 6 002 353 (68.84) | 6 587 977 (67.48) | 7 404 865 (65.67) | 7 488 711 (62.85) | 8 255 859 (61.59) | - 1.8% ² | <0.001 |
| All other cases | 732 959 | 1 085 396 | 1 329 977 | 2 092 154 | 2 717 115 | 3 175 524 | 3 871 173 | 4 425 565 | 5 148 463 | N/A | N/A |
| Disease incidence, no. of cases (incidence per 100 000 new attendees under 5 years) | | | | | | | | | | | |
| Diarrhoea | 764 631 (26 515.2) | 1 064 029 (25 350.0) | 1 217 259 (24 140.4) | 1 705 819.0 (23 912.3) | 1 862 092 (21 355.5) | 2 099 186 (21 499.7) | 2 347 597 (20 806.7) | 2 285 600 (19 160.1) | 2 581 053 (19 251.2) | - 9053 | 0.006 |
| ARI | 529 676 (18 367.7) | 804 398 (19 164.4) | 982 439 (19 483.5) | 1 391 556 (19 506.9) | 1 841 996 (21 125.1) | 1 970 112 (20 177.7) | 2 229 129 (19 756.7) | 2 334 320 (19 568.5) | 2 610 013 (19 467.3) | + 4.23 | 0.318 |
| Diphtheria | 110 (3.8) | 54 (1.3) | 34 (0.7) | 93 (1.3) | 124 (1.4) | 62 (0.6) | 331 (2.9) | 396 (3.3) | 180 (1.3) | - 0.13 | 0.775 |
| ENT infection | 377 970 (13 106.9) | 566 723 (13 501.9) | 695 447 (13 791.9) | 954 228 (13 376.4) | 1 161 477 (13 320.5) | 1 317 826 (13 497.0) | 1 472 699 (13 052.5) | 1 543 689 (12 940.7) | 1 708 129 (12 740.4) | - 8.23 | 0.096 |
| Malaria | 64 941 (2252.0) | 76 609 (1825.2) | 83 311 (1652.2) | 97 930 (1372.8) | 72 034 (826.1) | 80 082 (820.2) | 83 954 (744.1) | 63 143 (529.3) | 43 347 (323.3) | - 2153 | 0.004 |
| Measles | 1166 (40.4) | 2692 (64.1) | 1801 (35.7) | 2615 (36.7) | 5300 (60.8) | 8302 (85.0) | 8650 (76.7) | 15 186 (127.3) | 4268 (31.8) | + 3.83 | 0.568 |
| Pertussis | 1888 (65.5) | 2607 (62.1) | 4044 (80.2) | 2607 (36.5) | 1945 (22.3) | 2307 (23.6) | 3571 (31.6) | 3606 (30.2) | 1560 (11.6) | - 6.43 | 0.775 |
| Pneumonia | 349 248 (12 110.9) | 50 3216 (11 988.9) | 625 595 (12 406.7) | 745 520 (10 450.8) | 885 474 (10 155.1) | 917 658 (9 398.6) | 1 048 293 (9291.0) | 1 034 881 (8 675.4) | 1 067 017 (7958.5) | - 5673 | 0.008 |
| Suspected tuberculosis | 6709 (232.6) | 7630 (181.8) | 6920 (137.2) | 9111 (127.7) | 12 022 (137.9) | 8678 (88.9) | 10 682 (94.7) | 7127 (59.7) | 8543 (63.7) | - 183 | 0.007 |
| Urinary tract infection | 52 446 (1818.7) | 79 086 (1884.2) | 91 696 (1818.5) | 127 036 (1780.8) | 155 773 (1786.5) | 177 321 (1816.1) | 194 956 (1727.9) | 195 317 (1637.3) | 224 727 (1676.2) | - 273 | 0.009 |
| Viral hepatitis | 1992.0 (69.1) | 4902.0 (116.8) | 3880.0 (76.9) | 4975.0 (69.7) | 4116.0 (47.2) | 6443.0 (66.0) | 5003.0 (44.3) | 5446.0 (45.7) | 7022.0 (52.4) | - 5.53 | 0.032 |

¹ P value for trend.² Percentage decrease per year.³ Average annual change in incidence among new attendees.

ARI = cold and cough; BPHS = basic packages for health services; ENT = ear, nose, throat infection