S1 Table. Prevalence of *Cryptosporidium* in humans by province in China.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Province (Abbreviation)a** | **Examined no** | **Positive no.** | **Prevalence (%)** | **Ref** |
| Anhui (AH) | 203 | 7 | 3.45 | [1] |
| 827 | 46 | 5.56 | [2] |
| 4048 | 54 | 1.33 | [3] |
| 5421 | 41 | 0.76 | [4] |
| 1204 | 42 | 3.49 | [5] |
| 889 | 28 | 3.15 | [6] |
| 342 | 32 | 9.36 | [7] |
| 635 | 15 | 2.36 | [8] |
| 5421 | 74 | 1.37 | [9] |
| 720 | 32 | 4.44 | [10] |
| 302 | 21 | 6.95 | [11] |
| 3498 | 67 | 1.92 | [12] |
| 605 | 34 | 5.62 | [13] |
| **Subtotal** | **24115** | **493** | **2.04** **(0.76–9.36)** | **n = 13** |
| Beijing (BJ) | 592 | 5 | 0.84 | [14] |
| 2344 | 30 | 1.28 | [15] |
| 67 | 4 | 5.97 | [16] |
| 125 | 11 | 8.80 | [17] |
| 30 | 7 | 23.33 | [18] |
| **Subtotal** | **3158** | **57** | **1.80** **(0.84–23.33)** | **n = 5** |
| Chongqing (CQ) | 250 | 20 | 8.00 | [19] |
| 830 | 34 | 4.10 | [20] |
| 649 | 46 | 7.09 | [21] |
| 1238 | 42 | 3.39 | [22] |
| **Subtotal** | **2967** | **142** | **4.79** **(3.39–8.00)** | **n = 4** |
| Fujian | 161 | 16 | 9.94 | [23] |
| 62 | 8 | 12.90 | [24] |
| 359 | 6 | 1.67 | [25] |
| 385 | 31 | 8.05 | [26] |
| 210 | 8 | 3.81 | [27] |
| 3116 | 20 | 0.64 | [28] |
| 248 | 7 | 2.82 | [29] |
| 191 | 4 | 2.09 | [30] |
| **Subtotal** | **4732** | **100** | **2.11 (0.64–12.90)** | **n = 8** |
| Gansu (GS) | 37 | 1 | 2.70 | [31] |
| 186 | 13 | 6.99 | [32] |
| 1840 | 41 | 2.23 | [33] |
| 580 | 54 | 9.31 | [34] |
| 600 | 25 | 4.17 | [35] |
| **Subtotal** | **3243** | **134** | **4.13** **(2.23–9.31)** | **n = 5** |
| Guangdong (GD) | 126 | 5 | 3.97 | [36] |
| 182 | 5 | 2.75 | [37] |
| 271 | 4 | 1.48 | [38] |
| 42 | 4 | 9.52 | [39] |
| 693 | 16 | 2.31 | [40] |
| 556 | 19 | 3.42 | [41] |
| 630 | 98 | 15.56 | [42] |
| 1837 | 44 | 2.40 | [43] |
| 348 | 12 | 3.45 | [44] |
| **Subtotal** | **4685** | **207** | **4.42** **(1.48–15.56)** | **n = 9** |
| Guangxi (GX) | 54 | 1 | 1.85 | [45] |
| 73 | 1 | 1.37 | [46] |
| 258 | 6 | 2.33 | [47] |
| 435 | 2 | 0.46 | [48] |
| **Subtotal** | **820** | **10** | **1.22 (0.46–2.33)** | **n = 4** |
| Guizhou (GZ) | 335 | 23 | 6.86 | [49] |
| 1946 | 41 | 2.11 | [50] |
| 150 | 1 | 0.67 | [51] |
| 1739 | 40 | 2.30 | [52] |
| **Subtotal** | **4170** | **105** | **2.52 (0.67–6.86)** | **n = 4** |
| Hebei (HE) | 4889 | 106 | 2.17 | [53] |
| 107 | 2 | 1.87 | [54] |
| 49 | 3 | 6.12 | [55] |
| 149 | 9 | 6.04 | [56] |
| 69 | 2 | 2.90 | [57] |
| 130 | 6 | 4.62 | [58] |
| **Subtotal** | **5393** | **128** | **2.37** **(1.87–6.12)** | **n = 6** |
| Heilongjiang (HL) | 931 | 13 | 1.40 | [59] |
| 330 | 11 | 3.33 | [60] |
| 58 | 9 | 15.52 | [61] |
| **Subtotal** | **1319** | **33** | **2.50** **(1.39–15.5)** | **n = 3** |
| Henan (HA) | 149 | 24 | 16.11 | [62] |
| 388 | 10 | 2.58 | [63] |
| 483 | 12 | 2.48 | [64] |
| 1074 | 12 | 1.12 | [65] |
| 699 | 4 | 0.57 | [66] |
| 912 | 2 | 0.22 | [67] |
| 6093 | 6 | 0.10 | [68] |
| 1949 | 3 | 0.15 | [69] |
| 4357 | 43 | 0.99 | [70] |
| 1996 | 2 | 0.10 | [71] |
| 158 | 24 | 15.19 | [72] |
| 1366 | 11 | 0.81 | [73] |
| **Subtotal** | **19624** | **153** | **0.78 (0.10–16.11)** | **n = 12** |
| Hubei (HB) | 941 | 62 | 6.59 | [74] |
| 1118 | 51 | 4.56 | [75] |
| 2549 | 119 | 4.67 | [76] |
| 217 | 106 | 48.85 | [77] |
| 1128 | 36 | 3.19 | [78] |
| 1035 | 58 | 5.60 | [79] |
| 1973 | 79 | 4.00 | [43] |
| 298 | 9 | 3.02 | [80] |
| 500 | 10 | 2.00 | [81] |
| **Subtotal** | **9759** | **530** | **5.43** **(2.00–48.85)** | **n = 9** |
| Hunan (HN) | 3739 | 69 | 1.85 | [82] |
| 250 | 20 | 8.00 | [83] |
| 102 | 5 | 4.90 | [84] |
| 52 | 2 | 3.85 | [85] |
| 294 | 27 | 9.18 | [86] |
| 903 | 172 | 19.05 | [87] |
| 356 | 3 | 0.84 | [88] |
| 370 | 34 | 9.19 | [89] |
| 903 | 151 | 16.72 | [90] |
| 179 | 34 | 18.99 | [91] |
| 2134 | 41 | 1.92 | [92] |
| 152 | 20 | 13.16 | [93] |
| 480 | 16 | 3.33 | [94] |
| **Subtotal** | **9914** | **594** | **5.99 (0.84–19.05)** | **n = 13** |
| Inner Mongolia (IM) | 140 | 5 | 3.57 | [95] |
| 1002 | 42 | 4.19 | [96] |
| **Subtotal** | **1142** | **47** | **4.12** **(3.57–4.19)** | **n = 2** |
| Jiangsu (JS) | 1014 | 13 | 1.28 | [97] |
| 478 | 20 | 4.18 | [98] |
| 4582 | 59 | 1.29 | [99] |
| 1648 | 18 | 1.09 | [43] |
| 5124 | 163 | 3.18 | [100] |
| 232 | 23 | 9.91 | [101] |
| 230 | 12 | 5.22 | [102] |
| 394 | 14 | 3.55 | [103] |
| 1065 | 1 | 0.09 | [104] |
| 3488 | 94 | 2.69 | [105] |
| 7393 | 136 | 1.84 | [106] |
| 6498 | 163 | 2.51 | [107] |
| 2018 | 16 | 0.79 | [108] |
| 1000 | 13 | 1.30 | [109] |
| 314 | 1 | 0.32 | [110] |
| 5089 | 89 | 1.75 | [111] |
| 480 | 10 | 2.08 | [112] |
| 972 | 524 | 53.91 | [113] |
| 2268 | 22 | 0.97 | [114] |
| 1651 | 18 | 1.09 | [115] |
| 1637 | 18 | 1.10 | [116] |
| **Subtotal** | **47575** | **1427** | **3.00** **(0.09–53.91)** | **n = 21** |
| Jiangxi (JX) | 121 | 2 | 1.65 | [117] |
| 210 | 4 | 1.90 | [118] |
| **Subtotal** | **331** | **6** | **1.81 (1.65–1.9)** | **n = 2** |
| Jilin (JL) | 91 | 13 | 14.29 | [119] |
| 2046 | 65 | 3.18 | [120] |
| **Subtotal** | **2137** | **78** | **3.65** **(3.18–14.29)** | **n = 2** |
| Liaoning (LN) | 353 | 15 | 4.25 | [121] |
| **Subtotal** | **353** | **15** | **4.25** | **n = 1** |
| Shandong (SD) | 1835 | 15 | 0.82 | [122] |
| 969 | 26 | 2.68 | [123] |
| 2256 | 61 | 2.70 | [124] |
| 2854 | 33 | 1.16 | [125] |
| 3655 | 87 | 2.38 | [126] |
| 3562 | 84 | 2.36 | [127] |
| 1943 | 55 | 2.83 | [128] |
| 3729 | 75 | 2.01 | [129] |
| 237 | 6 | 2.53 | [130] |
| 108 | 72 | 66.67 | [131] |
| 112 | 7 | 6.25 | [132] |
| 23 | 1 | 4.35 | [133] |
| **Subtotal** | **21283** | **522** | **2.45 (0.82–66.67)** | **n = 12** |
| Shanghai (SH) | 500 | 24 | 4.80 | [134] |
| 393 | 29 | 7.38 | [135] |
| 2817 | 37 | 1.31 | [136] |
| 6284 | 102 | 1.62 | [137] |
| 109 | 10 | 9.17 | [138] |
| 252 | 34 | 13.49 | [139] |
| **Subtotal** | **10355** | **236** | **2.28 (1.31–13.49)** | **n = 6** |
| Shaanxi (SN) | 190 | 3 | 1.58 | [140] |
| 200 | 3 | 1.50 | [141] |
| 462 | 36 | 7.79 | [142] |
| **Subtotal** | **852** | **42** | **4.93 (1.50–7.79)** | **n = 3** |
| Sichuan (SC) | 406 | 12 | 2.96 | [143] |
| 79 | 13 | 16.46 | [144] |
| 615 | 74 | 12.03 | [145] |
| 1635 | 206 | 12.60 | [146] |
| **Subtotal** | **2735** | **305** | **11.15** **(2.96–16.46)** | **n = 4** |
| Taiwan (TW) | 1376 | 9 | 0.65 | [147] |
| **Subtotal** | **1376** | **9** | **0.65** | **n = 1** |
| Tianjin (TJ) | 1200 | 11 | 0.92 | [148] |
| **Subtotal** | **1200** | **11** | **0.92** | **n = 1** |
| Xinjiang (XJ) | 1124 | 53 | 4.72 | [149] |
| 37 | 4 | 10.81 | [62] |
| 49 | 4 | 8.16 | [72] |
| 114 | 2 | 1.75 | [150] |
| **Subtotal** | **1324** | **63** | **4.76** **(1.75–10.81)** | **n = 4** |
| Yunnan (YN) | 73 | 9 | 12.33 | [151] |
| 4493 | 126 | 2.80 | [152] |
| 2450 | 33 | 1.35 | [153] |
| 87 | 2 | 2.30 | [154] |
| 524 | 3 | 0.57 | [155] |
| 500 | 84 | 16.80 | [156] |
| 30 | 18 | 60.00 | [157] |
| 378 | 20 | 5.29 | [158] |
| 4405 | 20 | 0.45 | [159] |
| 86 | 4 | 4.65 | [36] |
| **Subtotal** | **13026** | **319** | **2.45 (0.45–60.00)** | **n = 10** |
| Zhejiang (ZJ) | 1060 | 60 | 5.66 | [160] |
| 548 | 57 | 10.40 | [161] |
| 300 | 26 | 8.67 | [162] |
| 200 | 9 | 4.50 | [163] |
| 358 | 15 | 4.19 | [164] |
| **Subtotal** | **2466** | **167** | **6.77 (4.19–10.40)** | **n = 5** |
| **Total** | **200054** | **5933** | **2.97** | **n = 164b** |

a Two reports from Hainan (HI) and Qinghai (QH) were not included in S1 Table based on two and one cases found there, respectively.

b Due to four reports covering epidemiological date from some parts of two or three provinces, each of the four reports is only counted once in the total number.

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