

# Height-for-age GIRLS

2 to 5 years (percentiles)



| Year: Month | Month | L | M        | S       | SD     | Percentiles (height in cm) |      |      |      |      |       |       |       |       |       |       |
|-------------|-------|---|----------|---------|--------|----------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|
|             |       |   |          |         |        | 1st                        | 3rd  | 5th  | 15th | 25th | 50th  | 75th  | 85th  | 95th  | 97th  | 99th  |
| 2: 0        | 24    | 1 | 85.7153  | 0.03764 | 3.2267 | 78.2                       | 79.6 | 80.4 | 82.4 | 83.5 | 85.7  | 87.9  | 89.1  | 91.0  | 91.8  | 93.2  |
| 2: 1        | 25    | 1 | 86.5904  | 0.03786 | 3.2783 | 79.0                       | 80.4 | 81.2 | 83.2 | 84.4 | 86.6  | 88.8  | 90.0  | 92.0  | 92.8  | 94.2  |
| 2: 2        | 26    | 1 | 87.4462  | 0.03808 | 3.3300 | 79.7                       | 81.2 | 82.0 | 84.0 | 85.2 | 87.4  | 89.7  | 90.9  | 92.9  | 93.7  | 95.2  |
| 2: 3        | 27    | 1 | 88.2830  | 0.03830 | 3.3812 | 80.4                       | 81.9 | 82.7 | 84.8 | 86.0 | 88.3  | 90.6  | 91.8  | 93.8  | 94.6  | 96.1  |
| 2: 4        | 28    | 1 | 89.1004  | 0.03851 | 3.4313 | 81.1                       | 82.6 | 83.5 | 85.5 | 86.8 | 89.1  | 91.4  | 92.7  | 94.7  | 95.6  | 97.1  |
| 2: 5        | 29    | 1 | 89.8991  | 0.03872 | 3.4809 | 81.8                       | 83.4 | 84.2 | 86.3 | 87.6 | 89.9  | 92.2  | 93.5  | 95.6  | 96.4  | 98.0  |
| 2: 6        | 30    | 1 | 90.6797  | 0.03893 | 3.5302 | 82.5                       | 84.0 | 84.9 | 87.0 | 88.3 | 90.7  | 93.1  | 94.3  | 96.5  | 97.3  | 98.9  |
| 2: 7        | 31    | 1 | 91.4430  | 0.03913 | 3.5782 | 83.1                       | 84.7 | 85.6 | 87.7 | 89.0 | 91.4  | 93.9  | 95.2  | 97.3  | 98.2  | 99.8  |
| 2: 8        | 32    | 1 | 92.1906  | 0.03933 | 3.6259 | 83.8                       | 85.4 | 86.2 | 88.4 | 89.7 | 92.2  | 94.6  | 95.9  | 98.2  | 99.0  | 100.6 |
| 2: 9        | 33    | 1 | 92.9239  | 0.03952 | 3.6724 | 84.4                       | 86.0 | 86.9 | 89.1 | 90.4 | 92.9  | 95.4  | 96.7  | 99.0  | 99.8  | 101.5 |
| 2:10        | 34    | 1 | 93.6444  | 0.03971 | 3.7186 | 85.0                       | 86.7 | 87.5 | 89.8 | 91.1 | 93.6  | 96.2  | 97.5  | 99.8  | 100.6 | 102.3 |
| 2:11        | 35    | 1 | 94.3533  | 0.03989 | 3.7638 | 85.6                       | 87.3 | 88.2 | 90.5 | 91.8 | 94.4  | 96.9  | 98.3  | 100.5 | 101.4 | 103.1 |
| 3: 0        | 36    | 1 | 95.0515  | 0.04006 | 3.8078 | 86.2                       | 87.9 | 88.8 | 91.1 | 92.5 | 95.1  | 97.6  | 99.0  | 101.3 | 102.2 | 103.9 |
| 3: 1        | 37    | 1 | 95.7399  | 0.04024 | 3.8526 | 86.8                       | 88.5 | 89.4 | 91.7 | 93.1 | 95.7  | 98.3  | 99.7  | 102.1 | 103.0 | 104.7 |
| 3: 2        | 38    | 1 | 96.4187  | 0.04041 | 3.8963 | 87.4                       | 89.1 | 90.0 | 92.4 | 93.8 | 96.4  | 99.0  | 100.5 | 102.8 | 103.7 | 105.5 |
| 3: 3        | 39    | 1 | 97.0885  | 0.04057 | 3.9389 | 87.9                       | 89.7 | 90.6 | 93.0 | 94.4 | 97.1  | 99.7  | 101.2 | 103.6 | 104.5 | 106.3 |
| 3: 4        | 40    | 1 | 97.7493  | 0.04073 | 3.9813 | 88.5                       | 90.3 | 91.2 | 93.6 | 95.1 | 97.7  | 100.4 | 101.9 | 104.3 | 105.2 | 107.0 |
| 3: 5        | 41    | 1 | 98.4015  | 0.04089 | 4.0236 | 89.0                       | 90.8 | 91.8 | 94.2 | 95.7 | 98.4  | 101.1 | 102.6 | 105.0 | 106.0 | 107.8 |
| 3: 6        | 42    | 1 | 99.0448  | 0.04105 | 4.0658 | 89.6                       | 91.4 | 92.4 | 94.8 | 96.3 | 99.0  | 101.8 | 103.3 | 105.7 | 106.7 | 108.5 |
| 3: 7        | 43    | 1 | 99.6795  | 0.04120 | 4.1068 | 90.1                       | 92.0 | 92.9 | 95.4 | 96.9 | 99.7  | 102.4 | 103.9 | 106.4 | 107.4 | 109.2 |
| 3: 8        | 44    | 1 | 100.3058 | 0.04135 | 4.1476 | 90.7                       | 92.5 | 93.5 | 96.0 | 97.5 | 100.3 | 103.1 | 104.6 | 107.1 | 108.1 | 110.0 |
| 3: 9        | 45    | 1 | 100.9238 | 0.04150 | 4.1883 | 91.2                       | 93.0 | 94.0 | 96.6 | 98.1 | 100.9 | 103.7 | 105.3 | 107.8 | 108.8 | 110.7 |
| 3:10        | 46    | 1 | 101.5337 | 0.04164 | 4.2279 | 91.7                       | 93.6 | 94.6 | 97.2 | 98.7 | 101.5 | 104.4 | 105.9 | 108.5 | 109.5 | 111.4 |
| 3:11        | 47    | 1 | 102.1360 | 0.04179 | 4.2683 | 92.2                       | 94.1 | 95.1 | 97.7 | 99.3 | 102.1 | 105.0 | 106.6 | 109.2 | 110.2 | 112.1 |
| 4: 0        | 48    | 1 | 102.7312 | 0.04193 | 4.3075 | 92.7                       | 94.6 | 95.6 | 98.3 | 99.8 | 102.7 | 105.6 | 107.2 | 109.8 | 110.8 | 112.8 |

WHO Child Growth Standards

### 2 to 5 years (percentiles)



|                            |       |   |          |         |        | Percentiles (height in cm) |       |       |       |       |       |       |       |       |       |       |  |
|----------------------------|-------|---|----------|---------|--------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Year: Month                | Month | L | M        | S       | SD     | 1st                        | 3rd   | 5th   | 15th  | 25th  | 50th  | 75th  | 85th  | 95th  | 97th  | 99th  |  |
| 4: 1                       | 49    | 1 | 103.3197 | 0.04206 | 4.3456 | 93.2                       | 95.1  | 96.2  | 98.8  | 100.4 | 103.3 | 106.3 | 107.8 | 110.5 | 111.5 | 113.4 |  |
| 4: 2                       | 50    | 1 | 103.9021 | 0.04220 | 4.3847 | 93.7                       | 95.7  | 96.7  | 99.4  | 100.9 | 103.9 | 106.9 | 108.4 | 111.1 | 112.1 | 114.1 |  |
| 4: 3                       | 51    | 1 | 104.4786 | 0.04233 | 4.4226 | 94.2                       | 96.2  | 97.2  | 99.9  | 101.5 | 104.5 | 107.5 | 109.1 | 111.8 | 112.8 | 114.8 |  |
| 4: 4                       | 52    | 1 | 105.0494 | 0.04246 | 4.4604 | 94.7                       | 96.7  | 97.7  | 100.4 | 102.0 | 105.0 | 108.1 | 109.7 | 112.4 | 113.4 | 115.4 |  |
| 4: 5                       | 53    | 1 | 105.6148 | 0.04259 | 4.4981 | 95.2                       | 97.2  | 98.2  | 101.0 | 102.6 | 105.6 | 108.6 | 110.3 | 113.0 | 114.1 | 116.1 |  |
| 4: 6                       | 54    | 1 | 106.1748 | 0.04272 | 4.5358 | 95.6                       | 97.6  | 98.7  | 101.5 | 103.1 | 106.2 | 109.2 | 110.9 | 113.6 | 114.7 | 116.7 |  |
| 4: 7                       | 55    | 1 | 106.7295 | 0.04285 | 4.5734 | 96.1                       | 98.1  | 99.2  | 102.0 | 103.6 | 106.7 | 109.8 | 111.5 | 114.3 | 115.3 | 117.4 |  |
| 4: 8                       | 56    | 1 | 107.2788 | 0.04298 | 4.6108 | 96.6                       | 98.6  | 99.7  | 102.5 | 104.2 | 107.3 | 110.4 | 112.1 | 114.9 | 116.0 | 118.0 |  |
| 4: 9                       | 57    | 1 | 107.8227 | 0.04310 | 4.6472 | 97.0                       | 99.1  | 100.2 | 103.0 | 104.7 | 107.8 | 111.0 | 112.6 | 115.5 | 116.6 | 118.6 |  |
| 4:10                       | 58    | 1 | 108.3613 | 0.04322 | 4.6834 | 97.5                       | 99.6  | 100.7 | 103.5 | 105.2 | 108.4 | 111.5 | 113.2 | 116.1 | 117.2 | 119.3 |  |
| 4:11                       | 59    | 1 | 108.8948 | 0.04334 | 4.7195 | 97.9                       | 100.0 | 101.1 | 104.0 | 105.7 | 108.9 | 112.1 | 113.8 | 116.7 | 117.8 | 119.9 |  |
| 5: 0                       | 60    | 1 | 109.4233 | 0.04347 | 4.7566 | 98.4                       | 100.5 | 101.6 | 104.5 | 106.2 | 109.4 | 112.6 | 114.4 | 117.2 | 118.4 | 120.5 |  |
| WHO Child Growth Standards |       |   |          |         |        |                            |       |       |       |       |       |       |       |       |       |       |  |