

International Newborn Size References for Very Preterm Infants



Weight-Length Ratio (kg/m) Girls

INTERGROWTH-21st



| Gestational age (weeks+days) | z-scores (Standard Deviations) | | | | | | |
|---------------------------------|--------------------------------|------|------|------|------|------|------|
| | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 24+0 | 0.38 | 0.97 | 1.57 | 2.17 | 2.77 | 3.36 | 3.96 |
| 24+1 | 0.39 | 0.99 | 1.58 | 2.18 | 2.78 | 3.38 | 3.97 |
| 24+2 | 0.40 | 1.00 | 1.60 | 2.20 | 2.79 | 3.39 | 3.99 |
| 24+3 | 0.42 | 1.02 | 1.61 | 2.21 | 2.81 | 3.41 | 4.00 |
| 24+4 | 0.43 | 1.03 | 1.63 | 2.23 | 2.82 | 3.42 | 4.02 |
| 24+5 | 0.45 | 1.05 | 1.64 | 2.24 | 2.84 | 3.44 | 4.03 |
| 24+6 | 0.47 | 1.06 | 1.66 | 2.26 | 2.86 | 3.45 | 4.05 |
| 25+0 | 0.48 | 1.08 | 1.68 | 2.28 | 2.87 | 3.47 | 4.07 |
| 25+1 | 0.50 | 1.10 | 1.70 | 2.29 | 2.89 | 3.49 | 4.09 |
| 25+2 | 0.52 | 1.12 | 1.72 | 2.31 | 2.91 | 3.51 | 4.11 |
| 25+3 | 0.54 | 1.14 | 1.73 | 2.33 | 2.93 | 3.53 | 4.12 |
| 25+4 | 0.56 | 1.16 | 1.75 | 2.35 | 2.95 | 3.55 | 4.14 |
| 25+5 | 0.58 | 1.18 | 1.77 | 2.37 | 2.97 | 3.57 | 4.16 |
| 25+6 | 0.60 | 1.20 | 1.80 | 2.39 | 2.99 | 3.59 | 4.19 |
| 26+0 | 0.62 | 1.22 | 1.82 | 2.41 | 3.01 | 3.61 | 4.21 |
| 26+1 | 0.64 | 1.24 | 1.84 | 2.44 | 3.03 | 3.63 | 4.23 |
| 26+2 | 0.67 | 1.27 | 1.86 | 2.46 | 3.06 | 3.66 | 4.25 |
| 26+3 | 0.69 | 1.29 | 1.89 | 2.48 | 3.08 | 3.68 | 4.28 |
| 26+4 | 0.72 | 1.31 | 1.91 | 2.51 | 3.11 | 3.70 | 4.30 |
| 26+5 | 0.74 | 1.34 | 1.94 | 2.53 | 3.13 | 3.73 | 4.33 |
| 26+6 | 0.77 | 1.36 | 1.96 | 2.56 | 3.16 | 3.75 | 4.35 |
| 27+0 | 0.79 | 1.39 | 1.99 | 2.59 | 3.18 | 3.78 | 4.38 |
| 27+1 | 0.82 | 1.42 | 2.02 | 2.61 | 3.21 | 3.81 | 4.41 |
| 27+2 | 0.85 | 1.45 | 2.04 | 2.64 | 3.24 | 3.84 | 4.43 |
| 27+3 | 0.88 | 1.47 | 2.07 | 2.67 | 3.27 | 3.86 | 4.46 |
| 27+4 | 0.91 | 1.50 | 2.10 | 2.70 | 3.30 | 3.89 | 4.49 |
| 27+5 | 0.94 | 1.53 | 2.13 | 2.73 | 3.33 | 3.92 | 4.52 |
| 27+6 | 0.97 | 1.57 | 2.16 | 2.76 | 3.36 | 3.96 | 4.55 |
| 28+0 | 1.00 | 1.60 | 2.19 | 2.79 | 3.39 | 3.99 | 4.58 |
| 28+1 | 1.03 | 1.63 | 2.23 | 2.82 | 3.42 | 4.02 | 4.62 |
| 28+2 | 1.06 | 1.66 | 2.26 | 2.86 | 3.45 | 4.05 | 4.65 |
| 28+3 | 1.10 | 1.70 | 2.29 | 2.89 | 3.49 | 4.09 | 4.68 |
| 28+4 | 1.13 | 1.73 | 2.33 | 2.93 | 3.52 | 4.12 | 4.72 |

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| Gestational age (weeks+days) | z-scores (Standard Deviations) | | | | | | |
|---------------------------------|--------------------------------|------|------|------|------|------|------|
| | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 28+5 | 1.17 | 1.77 | 2.36 | 2.96 | 3.56 | 4.16 | 4.75 |
| 28+6 | 1.20 | 1.80 | 2.40 | 3.00 | 3.59 | 4.19 | 4.79 |
| 29+0 | 1.24 | 1.84 | 2.44 | 3.03 | 3.63 | 4.23 | 4.83 |
| 29+1 | 1.28 | 1.88 | 2.47 | 3.07 | 3.67 | 4.27 | 4.86 |
| 29+2 | 1.32 | 1.92 | 2.51 | 3.11 | 3.71 | 4.31 | 4.90 |
| 29+3 | 1.36 | 1.95 | 2.55 | 3.15 | 3.75 | 4.34 | 4.94 |
| 29+4 | 1.40 | 1.99 | 2.59 | 3.19 | 3.79 | 4.38 | 4.98 |
| 29+5 | 1.44 | 2.04 | 2.63 | 3.23 | 3.83 | 4.43 | 5.02 |
| 29+6 | 1.48 | 2.08 | 2.67 | 3.27 | 3.87 | 4.47 | 5.06 |
| 30+0 | 1.52 | 2.12 | 2.72 | 3.31 | 3.91 | 4.51 | 5.11 |
| 30+1 | 1.57 | 2.16 | 2.76 | 3.36 | 3.96 | 4.55 | 5.15 |
| 30+2 | 1.61 | 2.21 | 2.80 | 3.40 | 4.00 | 4.60 | 5.19 |
| 30+3 | 1.66 | 2.25 | 2.85 | 3.45 | 4.05 | 4.64 | 5.24 |
| 30+4 | 1.70 | 2.30 | 2.90 | 3.49 | 4.09 | 4.69 | 5.29 |
| 30+5 | 1.75 | 2.35 | 2.94 | 3.54 | 4.14 | 4.74 | 5.33 |
| 30+6 | 1.80 | 2.39 | 2.99 | 3.59 | 4.19 | 4.78 | 5.38 |
| 31+0 | 1.84 | 2.44 | 3.04 | 3.64 | 4.23 | 4.83 | 5.43 |
| 31+1 | 1.89 | 2.49 | 3.09 | 3.69 | 4.28 | 4.88 | 5.48 |
| 31+2 | 1.94 | 2.54 | 3.14 | 3.74 | 4.33 | 4.93 | 5.53 |
| 31+3 | 1.99 | 2.59 | 3.19 | 3.79 | 4.38 | 4.98 | 5.58 |
| 31+4 | 2.05 | 2.64 | 3.24 | 3.84 | 4.44 | 5.03 | 5.63 |
| 31+5 | 2.10 | 2.70 | 3.29 | 3.89 | 4.49 | 5.09 | 5.68 |
| 31+6 | 2.15 | 2.75 | 3.35 | 3.95 | 4.54 | 5.14 | 5.74 |
| 32+0 | 2.21 | 2.81 | 3.40 | 4.00 | 4.60 | 5.20 | 5.79 |
| 32+1 | 2.26 | 2.86 | 3.46 | 4.06 | 4.65 | 5.25 | 5.85 |
| 32+2 | 2.32 | 2.92 | 3.52 | 4.11 | 4.71 | 5.31 | 5.91 |
| 32+3 | 2.38 | 2.98 | 3.57 | 4.17 | 4.77 | 5.37 | 5.96 |
| 32+4 | 2.44 | 3.03 | 3.63 | 4.23 | 4.83 | 5.42 | 6.02 |
| 32+5 | 2.50 | 3.09 | 3.69 | 4.29 | 4.89 | 5.48 | 6.08 |
| 32+6 | 2.56 | 3.15 | 3.75 | 4.35 | 4.95 | 5.54 | 6.14 |