

The International Newborn Standards



INTERGROWTH-21st

Birth weight (Girls)



| Gestational age (weeks+days) | z scores | | | | | | |
|---------------------------------|----------|------|------|------|------|------|------|
| | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 33+0 | 0.75 | 1.15 | 1.50 | 1.85 | 2.23 | 2.66 | 3.16 |
| 33+1 | 0.79 | 1.19 | 1.55 | 1.89 | 2.27 | 2.70 | 3.21 |
| 33+2 | 0.83 | 1.23 | 1.59 | 1.93 | 2.31 | 2.74 | 3.25 |
| 33+3 | 0.86 | 1.27 | 1.62 | 1.97 | 2.35 | 2.78 | 3.29 |
| 33+4 | 0.90 | 1.31 | 1.66 | 2.01 | 2.39 | 2.83 | 3.34 |
| 33+5 | 0.94 | 1.35 | 1.70 | 2.05 | 2.43 | 2.87 | 3.38 |
| 33+6 | 0.97 | 1.38 | 1.74 | 2.09 | 2.47 | 2.91 | 3.42 |
| 34+0 | 1.01 | 1.42 | 1.78 | 2.13 | 2.51 | 2.95 | 3.46 |
| 34+1 | 1.04 | 1.46 | 1.81 | 2.16 | 2.55 | 2.99 | 3.50 |
| 34+2 | 1.08 | 1.49 | 1.85 | 2.20 | 2.59 | 3.03 | 3.54 |
| 34+3 | 1.11 | 1.53 | 1.89 | 2.24 | 2.63 | 3.06 | 3.58 |
| 34+4 | 1.15 | 1.56 | 1.92 | 2.27 | 2.66 | 3.10 | 3.62 |
| 34+5 | 1.18 | 1.59 | 1.95 | 2.31 | 2.70 | 3.14 | 3.66 |
| 34+6 | 1.21 | 1.63 | 1.99 | 2.34 | 2.73 | 3.17 | 3.70 |
| 35+0 | 1.24 | 1.66 | 2.02 | 2.38 | 2.77 | 3.21 | 3.73 |
| 35+1 | 1.27 | 1.69 | 2.05 | 2.41 | 2.80 | 3.24 | 3.77 |
| 35+2 | 1.31 | 1.72 | 2.09 | 2.44 | 2.84 | 3.28 | 3.80 |
| 35+3 | 1.34 | 1.75 | 2.12 | 2.48 | 2.87 | 3.31 | 3.84 |
| 35+4 | 1.37 | 1.78 | 2.15 | 2.51 | 2.90 | 3.35 | 3.87 |
| 35+5 | 1.39 | 1.81 | 2.18 | 2.54 | 2.93 | 3.38 | 3.91 |
| 35+6 | 1.42 | 1.84 | 2.21 | 2.57 | 2.97 | 3.41 | 3.94 |
| 36+0 | 1.45 | 1.87 | 2.24 | 2.60 | 3.00 | 3.45 | 3.97 |
| 36+1 | 1.48 | 1.90 | 2.27 | 2.63 | 3.03 | 3.48 | 4.01 |
| 36+2 | 1.51 | 1.93 | 2.30 | 2.66 | 3.06 | 3.51 | 4.04 |
| 36+3 | 1.53 | 1.96 | 2.33 | 2.69 | 3.09 | 3.54 | 4.07 |
| 36+4 | 1.56 | 1.99 | 2.36 | 2.72 | 3.12 | 3.57 | 4.10 |
| 36+5 | 1.59 | 2.01 | 2.38 | 2.74 | 3.15 | 3.60 | 4.13 |
| 36+6 | 1.61 | 2.04 | 2.41 | 2.77 | 3.17 | 3.63 | 4.16 |
| 37+0 | 1.64 | 2.06 | 2.44 | 2.80 | 3.20 | 3.65 | 4.19 |
| 37+1 | 1.66 | 2.09 | 2.46 | 2.83 | 3.23 | 3.68 | 4.22 |
| 37+2 | 1.68 | 2.11 | 2.49 | 2.85 | 3.26 | 3.71 | 4.25 |
| 37+3 | 1.71 | 2.14 | 2.51 | 2.88 | 3.28 | 3.74 | 4.28 |
| 37+4 | 1.73 | 2.16 | 2.54 | 2.90 | 3.31 | 3.76 | 4.30 |
| 37+5 | 1.75 | 2.19 | 2.56 | 2.93 | 3.33 | 3.79 | 4.33 |
| 37+6 | 1.78 | 2.21 | 2.58 | 2.95 | 3.36 | 3.82 | 4.36 |
| 38+0 | 1.80 | 2.23 | 2.61 | 2.97 | 3.38 | 3.84 | 4.38 |
| 38+1 | 1.82 | 2.25 | 2.63 | 3.00 | 3.41 | 3.86 | 4.41 |
| 38+2 | 1.84 | 2.27 | 2.65 | 3.02 | 3.43 | 3.89 | 4.43 |
| 38+3 | 1.86 | 2.30 | 2.67 | 3.04 | 3.45 | 3.91 | 4.46 |

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| Gestational age (weeks+days) | z scores | | | | | | |
|---------------------------------|----------|------|------|------|------|------|------|
| | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 38+4 | 1.88 | 2.32 | 2.69 | 3.06 | 3.47 | 3.94 | 4.48 |
| 38+5 | 1.90 | 2.34 | 2.72 | 3.09 | 3.50 | 3.96 | 4.51 |
| 38+6 | 1.92 | 2.36 | 2.74 | 3.11 | 3.52 | 3.98 | 4.53 |
| 39+0 | 1.94 | 2.38 | 2.76 | 3.13 | 3.54 | 4.00 | 4.55 |
| 39+1 | 1.96 | 2.40 | 2.78 | 3.15 | 3.56 | 4.02 | 4.57 |
| 39+2 | 1.98 | 2.41 | 2.80 | 3.17 | 3.58 | 4.05 | 4.59 |
| 39+3 | 1.99 | 2.43 | 2.81 | 3.19 | 3.60 | 4.07 | 4.62 |
| 39+4 | 2.01 | 2.45 | 2.83 | 3.21 | 3.62 | 4.09 | 4.64 |
| 39+5 | 2.03 | 2.47 | 2.85 | 3.22 | 3.64 | 4.11 | 4.66 |
| 39+6 | 2.04 | 2.48 | 2.87 | 3.24 | 3.66 | 4.12 | 4.68 |
| 40+0 | 2.06 | 2.50 | 2.88 | 3.26 | 3.68 | 4.14 | 4.70 |
| 40+1 | 2.08 | 2.52 | 2.90 | 3.28 | 3.69 | 4.16 | 4.72 |
| 40+2 | 2.09 | 2.53 | 2.92 | 3.29 | 3.71 | 4.18 | 4.73 |
| 40+3 | 2.11 | 2.55 | 2.93 | 3.31 | 3.73 | 4.20 | 4.75 |
| 40+4 | 2.12 | 2.56 | 2.95 | 3.33 | 3.74 | 4.21 | 4.77 |
| 40+5 | 2.13 | 2.58 | 2.96 | 3.34 | 3.76 | 4.23 | 4.79 |
| 40+6 | 2.15 | 2.59 | 2.98 | 3.36 | 3.78 | 4.25 | 4.81 |
| 41+0 | 2.16 | 2.61 | 2.99 | 3.37 | 3.79 | 4.26 | 4.82 |
| 41+1 | 2.17 | 2.62 | 3.01 | 3.39 | 3.81 | 4.28 | 4.84 |
| 41+2 | 2.19 | 2.63 | 3.02 | 3.40 | 3.82 | 4.29 | 4.85 |
| 41+3 | 2.20 | 2.64 | 3.03 | 3.41 | 3.83 | 4.31 | 4.87 |
| 41+4 | 2.21 | 2.66 | 3.05 | 3.43 | 3.85 | 4.32 | 4.88 |
| 41+5 | 2.22 | 2.67 | 3.06 | 3.44 | 3.86 | 4.34 | 4.90 |
| 41+6 | 2.23 | 2.68 | 3.07 | 3.45 | 3.87 | 4.35 | 4.91 |
| 42+0 | 2.24 | 2.69 | 3.08 | 3.46 | 3.89 | 4.36 | 4.93 |
| 42+1 | 2.25 | 2.70 | 3.09 | 3.48 | 3.90 | 4.38 | 4.94 |
| 42+2 | 2.26 | 2.71 | 3.10 | 3.49 | 3.91 | 4.39 | 4.95 |
| 42+3 | 2.27 | 2.72 | 3.12 | 3.50 | 3.92 | 4.40 | 4.97 |
| 42+4 | 2.28 | 2.73 | 3.13 | 3.51 | 3.93 | 4.41 | 4.98 |
| 42+5 | 2.29 | 2.74 | 3.14 | 3.52 | 3.94 | 4.42 | 4.99 |
| 42+6 | 2.30 | 2.75 | 3.14 | 3.53 | 3.96 | 4.43 | 5.00 |