

# The International Very Preterm Size at Birth Reference Charts



INTERGROWTH-21<sup>st</sup>



## Weight (kg) Girls

| Gestational age<br>(weeks+days) | z scores (Standard Deviations) |      |      |      |      |      |      |
|---------------------------------|--------------------------------|------|------|------|------|------|------|
|                                 | -3                             | -2   | -1   | 0    | 1    | 2    | 3    |
| 24+0                            | 0.34                           | 0.41 | 0.50 | 0.60 | 0.73 | 0.89 | 1.07 |
| 24+1                            | 0.34                           | 0.42 | 0.51 | 0.61 | 0.74 | 0.90 | 1.10 |
| 24+2                            | 0.35                           | 0.43 | 0.52 | 0.63 | 0.76 | 0.92 | 1.12 |
| 24+3                            | 0.36                           | 0.43 | 0.53 | 0.64 | 0.77 | 0.94 | 1.14 |
| 24+4                            | 0.36                           | 0.44 | 0.54 | 0.65 | 0.79 | 0.96 | 1.16 |
| 24+5                            | 0.37                           | 0.45 | 0.55 | 0.66 | 0.80 | 0.98 | 1.18 |
| 24+6                            | 0.38                           | 0.46 | 0.56 | 0.68 | 0.82 | 0.99 | 1.21 |
| 25+0                            | 0.39                           | 0.47 | 0.57 | 0.69 | 0.84 | 1.01 | 1.23 |
| 25+1                            | 0.39                           | 0.48 | 0.58 | 0.70 | 0.85 | 1.03 | 1.25 |
| 25+2                            | 0.40                           | 0.49 | 0.59 | 0.71 | 0.87 | 1.05 | 1.28 |
| 25+3                            | 0.41                           | 0.49 | 0.60 | 0.73 | 0.88 | 1.07 | 1.30 |
| 25+4                            | 0.42                           | 0.50 | 0.61 | 0.74 | 0.90 | 1.09 | 1.33 |
| 25+5                            | 0.42                           | 0.51 | 0.62 | 0.76 | 0.92 | 1.11 | 1.35 |
| 25+6                            | 0.43                           | 0.52 | 0.64 | 0.77 | 0.93 | 1.13 | 1.38 |
| 26+0                            | 0.44                           | 0.53 | 0.65 | 0.78 | 0.95 | 1.16 | 1.40 |
| 26+1                            | 0.45                           | 0.54 | 0.66 | 0.80 | 0.97 | 1.18 | 1.43 |
| 26+2                            | 0.46                           | 0.55 | 0.67 | 0.81 | 0.99 | 1.20 | 1.45 |
| 26+3                            | 0.46                           | 0.56 | 0.68 | 0.83 | 1.01 | 1.22 | 1.48 |
| 26+4                            | 0.47                           | 0.57 | 0.70 | 0.85 | 1.03 | 1.24 | 1.51 |
| 26+5                            | 0.48                           | 0.58 | 0.71 | 0.86 | 1.04 | 1.27 | 1.54 |
| 26+6                            | 0.49                           | 0.60 | 0.72 | 0.88 | 1.06 | 1.29 | 1.57 |
| 27+0                            | 0.50                           | 0.61 | 0.74 | 0.89 | 1.08 | 1.31 | 1.59 |
| 27+1                            | 0.51                           | 0.62 | 0.75 | 0.91 | 1.10 | 1.34 | 1.62 |
| 27+2                            | 0.52                           | 0.63 | 0.76 | 0.93 | 1.12 | 1.36 | 1.65 |
| 27+3                            | 0.53                           | 0.64 | 0.78 | 0.94 | 1.14 | 1.39 | 1.68 |
| 27+4                            | 0.54                           | 0.65 | 0.79 | 0.96 | 1.16 | 1.41 | 1.71 |
| 27+5                            | 0.55                           | 0.66 | 0.81 | 0.98 | 1.19 | 1.44 | 1.74 |
| 27+6                            | 0.56                           | 0.68 | 0.82 | 1.00 | 1.21 | 1.46 | 1.78 |
| 28+0                            | 0.57                           | 0.69 | 0.84 | 1.01 | 1.23 | 1.49 | 1.81 |
| 28+1                            | 0.58                           | 0.70 | 0.85 | 1.03 | 1.25 | 1.52 | 1.84 |
| 28+2                            | 0.59                           | 0.71 | 0.87 | 1.05 | 1.27 | 1.55 | 1.87 |
| 28+3                            | 0.60                           | 0.73 | 0.88 | 1.07 | 1.30 | 1.57 | 1.91 |
| 28+4                            | 0.61                           | 0.74 | 0.90 | 1.09 | 1.32 | 1.60 | 1.94 |
| 28+5                            | 0.62                           | 0.75 | 0.91 | 1.11 | 1.34 | 1.63 | 1.98 |
| 28+6                            | 0.63                           | 0.77 | 0.93 | 1.13 | 1.37 | 1.66 | 2.01 |
| 29+0                            | 0.64                           | 0.78 | 0.95 | 1.15 | 1.39 | 1.69 | 2.05 |
| 29+1                            | 0.65                           | 0.79 | 0.96 | 1.17 | 1.42 | 1.72 | 2.08 |
| 29+2                            | 0.67                           | 0.81 | 0.98 | 1.19 | 1.44 | 1.75 | 2.12 |
| 29+3                            | 0.68                           | 0.82 | 1.00 | 1.21 | 1.47 | 1.78 | 2.16 |

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| Gestational age<br>(weeks+days) | z scores (Standard Deviations) |      |      |      |      |      |      |
|---------------------------------|--------------------------------|------|------|------|------|------|------|
|                                 | -3                             | -2   | -1   | 0    | 1    | 2    | 3    |
| 29+4                            | 0.69                           | 0.84 | 1.01 | 1.23 | 1.49 | 1.81 | 2.20 |
| 29+5                            | 0.70                           | 0.85 | 1.03 | 1.25 | 1.52 | 1.84 | 2.23 |
| 29+6                            | 0.71                           | 0.87 | 1.05 | 1.27 | 1.55 | 1.87 | 2.27 |
| 30+0                            | 0.73                           | 0.88 | 1.07 | 1.30 | 1.57 | 1.91 | 2.31 |
| 30+1                            | 0.74                           | 0.90 | 1.09 | 1.32 | 1.60 | 1.94 | 2.35 |
| 30+2                            | 0.75                           | 0.91 | 1.11 | 1.34 | 1.63 | 1.97 | 2.39 |
| 30+3                            | 0.76                           | 0.93 | 1.13 | 1.36 | 1.66 | 2.01 | 2.44 |
| 30+4                            | 0.78                           | 0.94 | 1.14 | 1.39 | 1.68 | 2.04 | 2.48 |
| 30+5                            | 0.79                           | 0.96 | 1.16 | 1.41 | 1.71 | 2.08 | 2.52 |
| 30+6                            | 0.80                           | 0.98 | 1.18 | 1.44 | 1.74 | 2.11 | 2.56 |
| 31+0                            | 0.82                           | 0.99 | 1.20 | 1.46 | 1.77 | 2.15 | 2.61 |
| 31+1                            | 0.83                           | 1.01 | 1.23 | 1.49 | 1.80 | 2.19 | 2.65 |
| 31+2                            | 0.85                           | 1.03 | 1.25 | 1.51 | 1.83 | 2.22 | 2.70 |
| 31+3                            | 0.86                           | 1.04 | 1.27 | 1.54 | 1.87 | 2.26 | 2.74 |
| 31+4                            | 0.88                           | 1.06 | 1.29 | 1.56 | 1.90 | 2.30 | 2.79 |
| 31+5                            | 0.89                           | 1.08 | 1.31 | 1.59 | 1.93 | 2.34 | 2.84 |
| 31+6                            | 0.91                           | 1.10 | 1.33 | 1.62 | 1.96 | 2.38 | 2.89 |
| 32+0                            | 0.92                           | 1.12 | 1.36 | 1.64 | 1.99 | 2.42 | 2.94 |
| 32+1                            | 0.94                           | 1.14 | 1.38 | 1.67 | 2.03 | 2.46 | 2.99 |
| 32+2                            | 0.95                           | 1.16 | 1.40 | 1.70 | 2.06 | 2.50 | 3.04 |
| 32+3                            | 0.97                           | 1.17 | 1.43 | 1.73 | 2.10 | 2.54 | 3.09 |
| 32+4                            | 0.98                           | 1.19 | 1.45 | 1.76 | 2.13 | 2.59 | 3.14 |
| 32+5                            | 1.00                           | 1.21 | 1.47 | 1.79 | 2.17 | 2.63 | 3.19 |
| 32+6                            | 1.02                           | 1.23 | 1.50 | 1.82 | 2.20 | 2.67 | 3.24 |