

International Fetal Size Standards in Early Pregnancy



Crown-Rump Length (mm)

INTERGROWTH-21st



| Gestational age (weeks + days) | Centiles | | | | | | |
|-----------------------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| | 3 rd | 5 th | 10 th | 50 th | 90 th | 95 st | 97 th |
| 8+2 | 8.1 | 10.1 | 12.3 | 14.6 | 17.0 | 19.1 | 21.2 |
| 8+3 | 9.3 | 11.5 | 13.6 | 16.1 | 18.5 | 20.7 | 22.8 |
| 8+4 | 10.6 | 12.8 | 15.0 | 17.5 | 20.0 | 22.3 | 24.5 |
| 8+5 | 11.9 | 14.1 | 16.4 | 19.0 | 21.5 | 23.8 | 26.1 |
| 8+6 | 13.1 | 15.5 | 17.8 | 20.5 | 23.1 | 25.4 | 27.8 |
| 9+0 | 14.4 | 16.8 | 19.3 | 21.9 | 24.6 | 27.1 | 29.4 |
| 9+1 | 15.8 | 18.2 | 20.7 | 23.4 | 26.2 | 28.7 | 31.1 |
| 9+2 | 17.1 | 19.6 | 22.1 | 24.9 | 27.8 | 30.3 | 32.8 |
| 9+3 | 18.4 | 21.0 | 23.6 | 26.5 | 29.3 | 31.9 | 34.5 |
| 9+4 | 19.7 | 22.4 | 25.0 | 28.0 | 30.9 | 33.6 | 36.2 |
| 9+5 | 21.1 | 23.8 | 26.5 | 29.5 | 32.5 | 35.3 | 38.0 |
| 9+6 | 22.5 | 25.2 | 28.0 | 31.1 | 34.2 | 36.9 | 39.7 |
| 10+0 | 23.8 | 26.6 | 29.5 | 32.6 | 35.8 | 38.6 | 41.4 |
| 10+1 | 25.2 | 28.1 | 31.0 | 34.2 | 37.4 | 40.3 | 43.2 |
| 10+2 | 26.6 | 29.5 | 32.5 | 35.8 | 39.1 | 42.0 | 45.0 |
| 10+3 | 28.0 | 31.0 | 34.0 | 37.4 | 40.7 | 43.7 | 46.7 |
| 10+4 | 29.4 | 32.5 | 35.6 | 39.0 | 42.4 | 45.5 | 48.5 |
| 10+5 | 30.9 | 34.0 | 37.1 | 40.6 | 44.1 | 47.2 | 50.3 |
| 10+6 | 32.3 | 35.5 | 38.7 | 42.2 | 45.8 | 49.0 | 52.1 |
| 11+0 | 33.8 | 37.0 | 40.2 | 43.8 | 47.5 | 50.7 | 53.9 |
| 11+1 | 35.2 | 38.5 | 41.8 | 45.5 | 49.2 | 52.5 | 55.8 |
| 11+2 | 36.7 | 40.0 | 43.4 | 47.1 | 50.9 | 54.3 | 57.6 |
| 11+3 | 38.2 | 41.6 | 45.0 | 48.8 | 52.6 | 56.1 | 59.5 |
| 11+4 | 39.7 | 43.1 | 46.6 | 50.5 | 54.4 | 57.9 | 61.3 |
| 11+5 | 41.2 | 44.7 | 48.2 | 52.2 | 56.1 | 59.7 | 63.2 |
| 11+6 | 42.7 | 46.2 | 49.9 | 53.9 | 57.9 | 61.5 | 65.1 |
| 12+0 | 44.2 | 47.8 | 51.5 | 55.6 | 59.7 | 63.3 | 67.0 |
| 12+1 | 45.7 | 49.4 | 53.2 | 57.3 | 61.5 | 65.2 | 68.9 |
| 12+2 | 47.3 | 51.0 | 54.8 | 59.0 | 63.3 | 67.0 | 70.8 |
| 12+3 | 48.8 | 52.6 | 56.5 | 60.8 | 65.1 | 68.9 | 72.7 |
| 12+4 | 50.4 | 54.3 | 58.2 | 62.5 | 66.9 | 70.8 | 74.7 |
| 12+5 | 52.0 | 55.9 | 59.9 | 64.3 | 68.7 | 72.7 | 76.6 |
| 12+6 | 53.6 | 57.5 | 61.6 | 66.1 | 70.5 | 74.6 | 78.6 |

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|-----------------------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| | 3 rd | 5 th | 10 th | 50 th | 90 th | 95 st | 97 th |
| 13+0 | 55.2 | 59.2 | 63.3 | 67.8 | 72.4 | 76.5 | 80.5 |
| 13+1 | 56.8 | 60.9 | 65.0 | 69.6 | 74.3 | 78.4 | 82.5 |
| 13+2 | 58.4 | 62.5 | 66.8 | 71.4 | 76.1 | 80.3 | 84.5 |
| 13+3 | 60.0 | 64.2 | 68.5 | 73.3 | 78.0 | 82.3 | 86.5 |
| 13+4 | 61.7 | 65.9 | 70.3 | 75.1 | 79.9 | 84.2 | 88.5 |
| 13+5 | 63.3 | 67.7 | 72.0 | 76.9 | 81.8 | 86.2 | 90.5 |
| 13+6 | 65.0 | 69.4 | 73.8 | 78.8 | 83.7 | 88.2 | 92.6 |
| 14+0 | 66.7 | 71.1 | 75.6 | 80.6 | 85.7 | 90.2 | 94.6 |
| 14+1 | 68.3 | 72.8 | 77.4 | 82.5 | 87.6 | 92.2 | 96.7 |
| 14+2 | 70.0 | 74.6 | 79.2 | 84.4 | 89.5 | 94.2 | 98.7 |
| 14+3 | 71.7 | 76.4 | 81.1 | 86.3 | 91.5 | 96.2 | 100.8 |
| 14+4 | 73.5 | 78.1 | 82.9 | 88.2 | 93.5 | 98.2 | 102.9 |
| 14+5 | 75.2 | 79.9 | 84.7 | 90.1 | 95.4 | 100.3 | 105.0 |
| 14+6 | 76.9 | 81.7 | 86.6 | 92.0 | 97.4 | 102.3 | 107.1 |
| 15+0 | 78.7 | 83.5 | 88.5 | 93.9 | 99.4 | 104.4 | 109.2 |

International Fetal Size Standards in Early Pregnancy



Crown-Rump Length (mm)

INTERGROWTH-21st



| Gestational age (weeks + days) | z-scores (Standard Deviations) | | | | | | |
|-----------------------------------|--------------------------------|------|------|------|------|------|------|
| | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 8+2 | 4.1 | 7.6 | 11.1 | 14.6 | 18.1 | 21.6 | 25.1 |
| 8+3 | 5.3 | 8.9 | 12.5 | 16.1 | 19.7 | 23.3 | 26.9 |
| 8+4 | 6.4 | 10.1 | 13.8 | 17.5 | 21.2 | 24.9 | 28.6 |
| 8+5 | 7.6 | 11.4 | 15.2 | 19.0 | 22.8 | 26.6 | 30.4 |
| 8+6 | 8.8 | 12.7 | 16.6 | 20.5 | 24.3 | 28.2 | 32.1 |
| 9+0 | 10.0 | 14.0 | 18.0 | 21.9 | 25.9 | 29.9 | 33.9 |
| 9+1 | 11.2 | 15.3 | 19.4 | 23.4 | 27.5 | 31.6 | 35.7 |
| 9+2 | 12.4 | 16.6 | 20.8 | 24.9 | 29.1 | 33.3 | 37.5 |
| 9+3 | 13.6 | 17.9 | 22.2 | 26.5 | 30.7 | 35.0 | 39.3 |
| 9+4 | 14.8 | 19.2 | 23.6 | 28.0 | 32.4 | 36.8 | 41.1 |
| 9+5 | 16.1 | 20.6 | 25.0 | 29.5 | 34.0 | 38.5 | 43.0 |
| 9+6 | 17.3 | 21.9 | 26.5 | 31.1 | 35.7 | 40.2 | 44.8 |
| 10+0 | 18.6 | 23.3 | 28.0 | 32.6 | 37.3 | 42.0 | 46.7 |
| 10+1 | 19.9 | 24.6 | 29.4 | 34.2 | 39.0 | 43.8 | 48.5 |
| 10+2 | 21.2 | 26.0 | 30.9 | 35.8 | 40.7 | 45.5 | 50.4 |
| 10+3 | 22.5 | 27.4 | 32.4 | 37.4 | 42.3 | 47.3 | 52.3 |
| 10+4 | 23.8 | 28.8 | 33.9 | 39.0 | 44.0 | 49.1 | 54.2 |
| 10+5 | 25.1 | 30.2 | 35.4 | 40.6 | 45.8 | 50.9 | 56.1 |
| 10+6 | 26.4 | 31.7 | 36.9 | 42.2 | 47.5 | 52.7 | 58.0 |
| 11+0 | 27.7 | 33.1 | 38.5 | 43.8 | 49.2 | 54.6 | 59.9 |
| 11+1 | 29.1 | 34.6 | 40.0 | 45.5 | 51.0 | 56.4 | 61.9 |
| 11+2 | 30.5 | 36.0 | 41.6 | 47.1 | 52.7 | 58.3 | 63.8 |
| 11+3 | 31.8 | 37.5 | 43.1 | 48.8 | 54.5 | 60.1 | 65.8 |
| 11+4 | 33.2 | 39.0 | 44.7 | 50.5 | 56.3 | 62.0 | 67.8 |
| 11+5 | 34.6 | 40.5 | 46.3 | 52.2 | 58.0 | 63.9 | 69.8 |
| 11+6 | 36.0 | 42.0 | 47.9 | 53.9 | 59.8 | 65.8 | 71.8 |
| 12+0 | 37.4 | 43.5 | 49.5 | 55.6 | 61.6 | 67.7 | 73.8 |
| 12+1 | 38.8 | 45.0 | 51.1 | 57.3 | 63.5 | 69.6 | 75.8 |
| 12+2 | 40.3 | 46.5 | 52.8 | 59.0 | 65.3 | 71.5 | 77.8 |
| 12+3 | 41.7 | 48.1 | 54.4 | 60.8 | 67.1 | 73.5 | 79.8 |
| 12+4 | 43.2 | 49.6 | 56.1 | 62.5 | 69.0 | 75.4 | 81.9 |
| 12+5 | 44.6 | 51.2 | 57.7 | 64.3 | 70.8 | 77.4 | 83.9 |
| 12+6 | 46.1 | 52.8 | 59.4 | 66.1 | 72.7 | 79.4 | 86.0 |

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| Gestational age (weeks + days) | z-scores (Standard Deviations) | | | | | | |
|-----------------------------------|--------------------------------|------|------|------|-------|-------|-------|
| | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 13+0 | 47.6 | 54.4 | 61.1 | 67.8 | 74.6 | 81.3 | 88.1 |
| 13+1 | 49.1 | 56.0 | 62.8 | 69.6 | 76.5 | 83.3 | 90.2 |
| 13+2 | 50.6 | 57.6 | 64.5 | 71.4 | 78.4 | 85.3 | 92.3 |
| 13+3 | 52.1 | 59.2 | 66.2 | 73.3 | 80.3 | 87.3 | 94.4 |
| 13+4 | 53.7 | 60.8 | 68.0 | 75.1 | 82.2 | 89.4 | 96.5 |
| 13+5 | 55.2 | 62.5 | 69.7 | 76.9 | 84.2 | 91.4 | 98.6 |
| 13+6 | 56.8 | 64.1 | 71.4 | 78.8 | 86.1 | 93.5 | 100.8 |
| 14+0 | 58.3 | 65.8 | 73.2 | 80.6 | 88.1 | 95.5 | 102.9 |
| 14+1 | 59.9 | 67.4 | 75.0 | 82.5 | 90.0 | 97.6 | 105.1 |
| 14+2 | 61.5 | 69.1 | 76.8 | 84.4 | 92.0 | 99.7 | 107.3 |
| 14+3 | 63.1 | 70.8 | 78.5 | 86.3 | 94.0 | 101.7 | 109.5 |
| 14+4 | 64.7 | 72.5 | 80.3 | 88.2 | 96.0 | 103.8 | 111.7 |
| 14+5 | 66.3 | 74.2 | 82.2 | 90.1 | 98.0 | 105.9 | 113.9 |
| 14+6 | 67.9 | 76.0 | 84.0 | 92.0 | 100.0 | 108.1 | 116.1 |
| 15+0 | 69.6 | 77.7 | 85.8 | 93.9 | 102.1 | 110.2 | 118.3 |