

**BMI TABLE FOR CHILDREN AND ADOLESCENTS**

**BMI**





## BMI TABLE FOR CHILDREN AND ADOLESCENTS

# BMI

The Body Mass Index (BMI) value has been calculated and is presented in this table for selected heights and weights for children and adolescents 2 to 20 years of age. BMI is defined as weight in kilograms divided by height in meters squared.

### HOW TO USE THIS TABLE

- 1** Find the page containing the child's height and weight using the height and weight ranges listed in the table of contents or in the upper left corner of each page. Some heights and weights appear on more than one page, so be sure both measurements are within the range shown on the page.
- 2** Find the point where the child's height and weight intersect. This value represents the child's BMI. Whenever a child's specific height or weight is not listed, round to the closest number in the table (see "Rounding Rule" on next page).
- 3** Plot the BMI value on the BMI-for-age chart to determine whether the child is within the normal growth pattern, overweight, at risk of becoming overweight or underweight.

U.S. Department of Health and Human Services  
Centers for Disease Control and Prevention  
<http://www.cdc.gov/growthcharts>

*Note:* In the table, the increments between height and weight gradually increase as height and weight measurements increase.

## ROUNDING RULE FOR WEIGHT AND HEIGHT MEASUREMENTS

# BMI

**Whenever a child's specific height or weight measurement is not listed, round to the closest number in the table. If the height or weight measurement is at the midpoint or equal distance between two units, round down to the previous unit. The numbers in the table for both English and metric measurements are expressed in decimals. For all English measurements .5 is equal to 1/2 inch or pound.**

- If a child's weight is  $26\frac{1}{4}$  pounds (11.9 kg), it is equidistant between 26 and  $26\frac{1}{2}$  (11.8 and 12 kg); therefore, the weight should be rounded down to 26 pounds (11.8 kg).
- If a child's weight is  $26\frac{3}{4}$  pounds (12.1 kg), it is equidistant between  $26\frac{1}{2}$  and 27 (12 and 12.2 kg); therefore, the weight should be rounded down to  $26\frac{1}{2}$  pounds (12 kg).
- If a child's weight is  $60\frac{3}{4}$  pounds (27.6 kg), it is between 60 and 61 pounds (27.2 and 27.7 kg); therefore, the weight should be rounded to the closest whole number or 61 pounds (27.7 kg).

### EXAMPLE

David is  $30\frac{1}{2}$  months of age, is  $34\frac{3}{4}$  inches tall, and weighs  $26\frac{1}{4}$  pounds. Using the rounding rule, his standing height should be rounded to  $34\frac{1}{2}$  inches, and his weight should be rounded to 26 pounds. To determine David's BMI, find the page containing his standing rounded height and weight, then find the point where the two intersect. David's BMI is 15.4, as noted on page 2 of this BMI Table.

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			44–54" .....	96–107 lbs .....	27			



**29–35.5" and 24–29.5 lbs**

HEIGHT		WEIGHT												
		KG	10.9	11.1	11.3	11.6	11.8	12.0	12.2	12.5	12.7	12.9	13.2	13.4
CM	IN	LB	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5
73.7	29.0		20.1	20.5	20.9	21.3	21.7	22.2	22.6	23.0	23.4	23.8	24.2	24.7
74.9	29.5		19.4	19.8	20.2	20.6	21.0	21.4	21.8	22.2	22.6	23.0	23.4	23.8
76.2	30.0		18.7	19.1	19.5	19.9	20.3	20.7	21.1	21.5	21.9	22.3	22.7	23.0
77.5	30.5		18.1	18.5	18.9	19.3	19.7	20.0	20.4	20.8	21.2	21.5	21.9	22.3
78.7	31.0		17.6	17.9	18.3	18.7	19.0	19.4	19.8	20.1	20.5	20.9	21.2	21.6
80.0	31.5		17.0	17.4	17.7	18.1	18.4	18.8	19.1	19.5	19.8	20.2	20.5	20.9
81.3	32.0		16.5	16.8	17.2	17.5	17.9	18.2	18.5	18.9	19.2	19.6	19.9	20.3
82.6	32.5		16.0	16.3	16.6	17.0	17.3	17.6	18.0	18.3	18.6	19.0	19.3	19.6
83.8	33.0		15.5	15.8	16.1	16.5	16.8	17.1	17.4	17.8	18.1	18.4	18.7	19.0
85.1	33.5		15.0	15.3	15.7	16.0	16.3	16.6	16.9	17.2	17.5	17.9	18.2	18.5
86.4	34.0		14.6	14.9	15.2	15.5	15.8	16.1	16.4	16.7	17.0	17.3	17.6	17.9
87.6	34.5		14.2	14.5	14.8	15.1	15.4	15.7	15.9	16.2	16.5	16.8	17.1	17.4
88.9	35.0		13.8	14.1	14.3	14.6	14.9	15.2	15.5	15.8	16.1	16.4	16.6	16.9
90.2	35.5		13.4	13.7	13.9	14.2	14.5	14.8	15.1	15.3	15.6	15.9	16.2	16.5

**36–39.5" and 24–29.5 lbs**

HEIGHT		WEIGHT												
		KG	10.9	11.1	11.3	11.6	11.8	12.0	12.2	12.5	12.7	12.9	13.2	13.4
		LB	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5
91.4	36.0		13.0	13.3	13.6	13.8	14.1	14.4	14.6	14.9	15.2	15.5	15.7	16.0
92.7	36.5				13.2	13.5	13.7	14.0	14.2	14.5	14.8	15.0	15.3	15.6
94.0	37.0					13.1	13.4	13.6	13.9	14.1	14.4	14.6	14.9	15.2
95.3	37.5							13.2	13.5	13.7	14.0	14.2	14.5	14.7
96.5	38.0								13.1	13.4	13.6	13.9	14.1	14.4
97.8	38.5									13.0	13.3	13.5	13.8	14.0
99.1	39.0											13.2	13.4	13.6
100.3	39.5												13.1	13.3



**29–36" and 30–35.5 lbs**

HEIGHT		WEIGHT												
		KG	13.6	13.8	14.1	14.3	14.5	14.7	15.0	15.2	15.4	15.6	15.9	16.1
		LB	30.0	30.5	31.0	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	35.5
CM	IN													
73.7	29.0	25.1	25.5	25.9	26.3	26.8	27.2	27.6	28.0	28.4	28.8	29.3	29.7	
74.9	29.5	24.2	24.6	25.0	25.4	25.9	26.3	26.7	27.1	27.5	27.9	28.3	28.7	
76.2	30.0	23.4	23.8	24.2	24.6	25.0	25.4	25.8	26.2	26.6	27.0	27.3	27.7	
77.5	30.5	22.7	23.1	23.4	23.8	24.2	24.6	24.9	25.3	25.7	26.1	26.5	26.8	
78.7	31.0	21.9	22.3	22.7	23.0	23.4	23.8	24.1	24.5	24.9	25.2	25.6	26.0	
80.0	31.5	21.3	21.6	22.0	22.3	22.7	23.0	23.4	23.7	24.1	24.4	24.8	25.2	
81.3	32.0	20.6	20.9	21.3	21.6	22.0	22.3	22.7	23.0	23.3	23.7	24.0	24.4	
82.6	32.5	20.0	20.3	20.6	21.0	21.3	21.6	22.0	22.3	22.6	23.0	23.3	23.6	
83.8	33.0	19.4	19.7	20.0	20.3	20.7	21.0	21.3	21.6	22.0	22.3	22.6	22.9	
85.1	33.5	18.8	19.1	19.4	19.7	20.0	20.4	20.7	21.0	21.3	21.6	21.9	22.2	
86.4	34.0	18.2	18.5	18.9	19.2	19.5	19.8	20.1	20.4	20.7	21.0	21.3	21.6	
87.6	34.5	17.7	18.0	18.3	18.6	18.9	19.2	19.5	19.8	20.1	20.4	20.7	21.0	
88.9	35.0	17.2	17.5	17.8	18.1	18.4	18.7	18.9	19.2	19.5	19.8	20.1	20.4	
90.2	35.5	16.7	17.0	17.3	17.6	17.9	18.1	18.4	18.7	19.0	19.2	19.5	19.8	
91.4	36.0	16.3	16.5	16.8	17.1	17.4	17.6	17.9	18.2	18.4	18.7	19.0	19.3	

**36.5–43.5" and 30–35.5 lbs**

HEIGHT		WEIGHT												
		KG	13.6	13.8	14.1	14.3	14.5	14.7	15.0	15.2	15.4	15.6	15.9	16.1
		LB	30.0	30.5	31.0	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	35.5
92.7	36.5		15.8	16.1	16.4	16.6	16.9	17.2	17.4	17.7	17.9	18.2	18.5	18.7
94.0	37.0		15.4	15.7	15.9	16.2	16.4	16.7	16.9	17.2	17.5	17.7	18.0	18.2
95.3	37.5		15.0	15.2	15.5	15.7	16.0	16.2	16.5	16.7	17.0	17.2	17.5	17.7
96.5	38.0		14.6	14.9	15.1	15.3	15.6	15.8	16.1	16.3	16.6	16.8	17.0	17.3
97.8	38.5		14.2	14.5	14.7	14.9	15.2	15.4	15.7	15.9	16.1	16.4	16.6	16.8
99.1	39.0		13.9	14.1	14.3	14.6	14.8	15.0	15.3	15.5	15.7	15.9	16.2	16.4
100.3	39.5		13.5	13.7	14.0	14.2	14.4	14.6	14.9	15.1	15.3	15.5	15.8	16.0
101.6	40.0		13.2	13.4	13.6	13.8	14.1	14.3	14.5	14.7	14.9	15.2	15.4	15.6
102.9	40.5			13.1	13.3	13.5	13.7	13.9	14.1	14.4	14.6	14.8	15.0	15.2
104.1	41.0				13.2	13.4	13.6	13.8	14.0	14.2	14.4	14.6	14.8	
105.4	41.5					13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	
106.7	42.0							13.2	13.4	13.6	13.8	13.9	14.1	
108.0	42.5								13.0	13.2	13.4	13.6	13.8	
109.2	43.0										13.1	13.3	13.5	
110.5	43.5											13.0	13.2	

**29–36" and 36–41.5 lbs**

HEIGHT		WEIGHT												
		KG	16.3	16.6	16.8	17.0	17.2	17.5	17.7	17.9	18.1	18.4	18.6	18.8
CM	IN	LB	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5
73.7	29.0		30.1	30.5	30.9	31.3	31.8	32.2	32.6	33.0	33.4	33.9	34.3	34.7
74.9	29.5		29.1	29.5	29.9	30.3	30.7	31.1	31.5	31.9	32.3	32.7	33.1	33.5
76.2	30.0		28.1	28.5	28.9	29.3	29.7	30.1	30.5	30.9	31.2	31.6	32.0	32.4
77.5	30.5		27.2	27.6	28.0	28.3	28.7	29.1	29.5	29.9	30.2	30.6	31.0	31.4
78.7	31.0		26.3	26.7	27.1	27.4	27.8	28.2	28.5	28.9	29.3	29.6	30.0	30.4
80.0	31.5		25.5	25.9	26.2	26.6	26.9	27.3	27.6	28.0	28.3	28.7	29.1	29.4
81.3	32.0		24.7	25.1	25.4	25.7	26.1	26.4	26.8	27.1	27.5	27.8	28.2	28.5
82.6	32.5		24.0	24.3	24.6	25.0	25.3	25.6	26.0	26.3	26.6	27.0	27.3	27.6
83.8	33.0		23.2	23.6	23.9	24.2	24.5	24.9	25.2	25.5	25.8	26.1	26.5	26.8
85.1	33.5		22.6	22.9	23.2	23.5	23.8	24.1	24.4	24.7	25.1	25.4	25.7	26.0
86.4	34.0		21.9	22.2	22.5	22.8	23.1	23.4	23.7	24.0	24.3	24.6	24.9	25.2
87.6	34.5		21.3	21.6	21.9	22.2	22.4	22.7	23.0	23.3	23.6	23.9	24.2	24.5
88.9	35.0		20.7	20.9	21.2	21.5	21.8	22.1	22.4	22.7	23.0	23.2	23.5	23.8
90.2	35.5		20.1	20.4	20.6	20.9	21.2	21.5	21.8	22.0	22.3	22.6	22.9	23.2
91.4	36.0		19.5	19.8	20.1	20.3	20.6	20.9	21.2	21.4	21.7	22.0	22.2	22.5

**36.5–43" and 36–41.5 lbs**

HEIGHT		WEIGHT												
		KG	16.3	16.6	16.8	17.0	17.2	17.5	17.7	17.9	18.1	18.4	18.6	18.8
CM	IN	LB	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5
92.7	36.5		19.0	19.3	19.5	19.8	20.1	20.3	20.6	20.8	21.1	21.4	21.6	21.9
94.0	37.0		18.5	18.7	19.0	19.3	19.5	19.8	20.0	20.3	20.5	20.8	21.1	21.3
95.3	37.5		18.0	18.2	18.5	18.7	19.0	19.2	19.5	19.7	20.0	20.2	20.5	20.7
96.5	38.0		17.5	17.8	18.0	18.3	18.5	18.7	19.0	19.2	19.5	19.7	20.0	20.2
97.8	38.5		17.1	17.3	17.6	17.8	18.0	18.3	18.5	18.7	19.0	19.2	19.4	19.7
99.1	39.0		16.6	16.9	17.1	17.3	17.6	17.8	18.0	18.3	18.5	18.7	19.0	19.2
100.3	39.5		16.2	16.4	16.7	16.9	17.1	17.3	17.6	17.8	18.0	18.2	18.5	18.7
101.6	40.0		15.8	16.0	16.3	16.5	16.7	16.9	17.1	17.4	17.6	17.8	18.0	18.2
102.9	40.5		15.4	15.6	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.4	17.6	17.8
104.1	41.0		15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.4
105.4	41.5		14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9
106.7	42.0		14.3	14.5	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5
108.0	42.5		14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8	16.0	16.2
109.2	43.0		13.7	13.9	14.1	14.3	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8

**43.5–47" and 36–41.5 lbs**

HEIGHT		WEIGHT												
		KG	16.3	16.6	16.8	17.0	17.2	17.5	17.7	17.9	18.1	18.4	18.6	18.8
CM	IN	LB	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5
110.5	43.5		13.4	13.6	13.7	13.9	14.1	14.3	14.5	14.7	14.9	15.0	15.2	15.4
111.8	44.0		13.1	13.3	13.4	13.6	13.8	14.0	14.2	14.3	14.5	14.7	14.9	15.1
113.0	44.5				13.1	13.3	13.5	13.7	13.8	14.0	14.2	14.4	14.6	14.7
114.3	45.0					13.0	13.2	13.4	13.5	13.7	13.9	14.1	14.2	14.4
115.6	45.5							13.1	13.2	13.4	13.6	13.8	13.9	14.1
116.8	46.0									13.1	13.3	13.5	13.6	13.8
118.1	46.5										13.0	13.2	13.3	13.5
119.4	47.0												13.0	13.2

**29.5–36.5" and 42–47.5 lbs**

HEIGHT		WEIGHT												
		KG	19.1	19.3	19.5	19.7	20.0	20.2	20.4	20.6	20.9	21.1	21.3	21.5
		LB	42.0	42.5	43.0	43.5	44.0	44.5	45.0	45.5	46.0	46.5	47.0	47.5
CM	IN													
74.9	29.5		33.9	34.3	34.7									
76.2	30.0		32.8	33.2	33.6	34.0	34.4	34.8						
77.5	30.5		31.7	32.1	32.5	32.9	33.3	33.6	34.0	34.4	34.8			
78.7	31.0		30.7	31.1	31.5	31.8	32.2	32.6	32.9	33.3	33.7	34.0	34.4	34.8
80.0	31.5		29.8	30.1	30.5	30.8	31.2	31.5	31.9	32.2	32.6	32.9	33.3	33.7
81.3	32.0		28.8	29.2	29.5	29.9	30.2	30.6	30.9	31.2	31.6	31.9	32.3	32.6
82.6	32.5		28.0	28.3	28.6	29.0	29.3	29.6	30.0	30.3	30.6	31.0	31.3	31.6
83.8	33.0		27.1	27.4	27.8	28.1	28.4	28.7	29.1	29.4	29.7	30.0	30.3	30.7
85.1	33.5		26.3	26.6	26.9	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4	29.8
86.4	34.0		25.5	25.8	26.2	26.5	26.8	27.1	27.4	27.7	28.0	28.3	28.6	28.9
87.6	34.5		24.8	25.1	25.4	25.7	26.0	26.3	26.6	26.9	27.2	27.5	27.8	28.1
88.9	35.0		24.1	24.4	24.7	25.0	25.3	25.5	25.8	26.1	26.4	26.7	27.0	27.3
90.2	35.5		23.4	23.7	24.0	24.3	24.5	24.8	25.1	25.4	25.7	25.9	26.2	26.5
91.4	36.0		22.8	23.1	23.3	23.6	23.9	24.1	24.4	24.7	25.0	25.2	25.5	25.8
92.7	36.5		22.2	22.4	22.7	23.0	23.2	23.5	23.7	24.0	24.3	24.5	24.8	25.1

HEIGHT		WEIGHT												
		KG	19.1	19.3	19.5	19.7	20.0	20.2	20.4	20.6	20.9	21.1	21.3	21.5
		LB	42.0	42.5	43.0	43.5	44.0	44.5	45.0	45.5	46.0	46.5	47.0	47.5
94.0	37.0		21.6	21.8	22.1	22.3	22.6	22.9	23.1	23.4	23.6	23.9	24.1	24.4
95.3	37.5		21.0	21.2	21.5	21.7	22.0	22.2	22.5	22.7	23.0	23.2	23.5	23.7
96.5	38.0		20.4	20.7	20.9	21.2	21.4	21.7	21.9	22.2	22.4	22.6	22.9	23.1
97.8	38.5		19.9	20.2	20.4	20.6	20.9	21.1	21.3	21.6	21.8	22.1	22.3	22.5
99.1	39.0		19.4	19.6	19.9	20.1	20.3	20.6	20.8	21.0	21.3	21.5	21.7	22.0
100.3	39.5		18.9	19.2	19.4	19.6	19.8	20.1	20.3	20.5	20.7	21.0	21.2	21.4
101.6	40.0		18.5	18.7	18.9	19.1	19.3	19.6	19.8	20.0	20.2	20.4	20.7	20.9
102.9	40.5		18.0	18.2	18.4	18.6	18.9	19.1	19.3	19.5	19.7	19.9	20.1	20.4
104.1	41.0		17.6	17.8	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.4	19.7	19.9
105.4	41.5		17.1	17.3	17.6	17.8	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.4
106.7	42.0		16.7	16.9	17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9
108.0	42.5		16.3	16.5	16.7	16.9	17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5
109.2	43.0		16.0	16.2	16.4	16.5	16.7	16.9	17.1	17.3	17.5	17.7	17.9	18.1
110.5	43.5		15.6	15.8	16.0	16.2	16.3	16.5	16.7	16.9	17.1	17.3	17.5	17.6

**44–50" and 42–47.5 lbs**

HEIGHT		WEIGHT												
		KG	19.1	19.3	19.5	19.7	20.0	20.2	20.4	20.6	20.9	21.1	21.3	21.5
CM	IN	LB	42.0	42.5	43.0	43.5	44.0	44.5	45.0	45.5	46.0	46.5	47.0	47.5
111.8	44.0		15.3	15.4	15.6	15.8	16.0	16.2	16.3	16.5	16.7	16.9	17.1	17.2
113.0	44.5		14.9	15.1	15.3	15.4	15.6	15.8	16.0	16.2	16.3	16.5	16.7	16.9
114.3	45.0		14.6	14.8	14.9	15.1	15.3	15.5	15.6	15.8	16.0	16.1	16.3	16.5
115.6	45.5		14.3	14.4	14.6	14.8	14.9	15.1	15.3	15.5	15.6	15.8	16.0	16.1
116.8	46.0		14.0	14.1	14.3	14.5	14.6	14.8	15.0	15.1	15.3	15.5	15.6	15.8
118.1	46.5		13.7	13.8	14.0	14.1	14.3	14.5	14.6	14.8	15.0	15.1	15.3	15.4
119.4	47.0		13.4	13.5	13.7	13.8	14.0	14.2	14.3	14.5	14.6	14.8	15.0	15.1
120.7	47.5		13.1	13.2	13.4	13.6	13.7	13.9	14.0	14.2	14.3	14.5	14.6	14.8
121.9	48.0				13.1	13.3	13.4	13.6	13.7	13.9	14.0	14.2	14.3	14.5
124.5	49.0						13.0	13.2	13.3	13.5	13.6	13.8	13.9	
127.0	50.0										13.1	13.2	13.4	



**31.5–38.5" and 48–53.5 lbs**

HEIGHT		WEIGHT												
		KG	21.8	22.0	22.2	22.5	22.7	22.9	23.1	23.4	23.6	23.8	24.0	24.3
CM	IN	LB	48.0	48.5	49.0	49.5	50.0	50.5	51.0	51.5	52.0	52.5	53.0	53.5
80.0	31.5		34.0	34.4	34.7									
81.3	32.0		33.0	33.3	33.6	34.0	34.3	34.7						
82.6	32.5		32.0	32.3	32.6	32.9	33.3	33.6	33.9	34.3	34.6	34.9		
83.8	33.0		31.0	31.3	31.6	32.0	32.3	32.6	32.9	33.2	33.6	33.9	34.2	34.5
85.1	33.5		30.1	30.4	30.7	31.0	31.3	31.6	32.0	32.3	32.6	32.9	33.2	33.5
86.4	34.0		29.2	29.5	29.8	30.1	30.4	30.7	31.0	31.3	31.6	31.9	32.2	32.5
87.6	34.5		28.4	28.6	28.9	29.2	29.5	29.8	30.1	30.4	30.7	31.0	31.3	31.6
88.9	35.0		27.5	27.8	28.1	28.4	28.7	29.0	29.3	29.6	29.8	30.1	30.4	30.7
90.2	35.5		26.8	27.1	27.3	27.6	27.9	28.2	28.5	28.7	29.0	29.3	29.6	29.8
91.4	36.0		26.0	26.3	26.6	26.9	27.1	27.4	27.7	27.9	28.2	28.5	28.8	29.0
92.7	36.5		25.3	25.6	25.9	26.1	26.4	26.7	26.9	27.2	27.4	27.7	28.0	28.2
94.0	37.0		24.7	24.9	25.2	25.4	25.7	25.9	26.2	26.4	26.7	27.0	27.2	27.5
95.3	37.5		24.0	24.2	24.5	24.7	25.0	25.2	25.5	25.7	26.0	26.2	26.5	26.7
96.5	38.0		23.4	23.6	23.9	24.1	24.3	24.6	24.8	25.1	25.3	25.6	25.8	26.0
97.8	38.5		22.8	23.0	23.2	23.5	23.7	24.0	24.2	24.4	24.7	24.9	25.1	25.4

HEIGHT		WEIGHT												
		KG	21.8	22.0	22.2	22.5	22.7	22.9	23.1	23.4	23.6	23.8	24.0	24.3
		LB	48.0	48.5	49.0	49.5	50.0	50.5	51.0	51.5	52.0	52.5	53.0	53.5
CM	IN													
99.1	39.0		22.2	22.4	22.6	22.9	23.1	23.3	23.6	23.8	24.0	24.3	24.5	24.7
100.3	39.5		21.6	21.9	22.1	22.3	22.5	22.8	23.0	23.2	23.4	23.7	23.9	24.1
101.6	40.0		21.1	21.3	21.5	21.8	22.0	22.2	22.4	22.6	22.8	23.1	23.3	23.5
102.9	40.5		20.6	20.8	21.0	21.2	21.4	21.6	21.9	22.1	22.3	22.5	22.7	22.9
104.1	41.0		20.1	20.3	20.5	20.7	20.9	21.1	21.3	21.5	21.7	22.0	22.2	22.4
105.4	41.5		19.6	19.8	20.0	20.2	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.8
106.7	42.0		19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	21.1	21.3
108.0	42.5		18.7	18.9	19.1	19.3	19.5	19.7	19.9	20.0	20.2	20.4	20.6	20.8
109.2	43.0		18.3	18.4	18.6	18.8	19.0	19.2	19.4	19.6	19.8	20.0	20.2	20.3
110.5	43.5		17.8	18.0	18.2	18.4	18.6	18.8	18.9	19.1	19.3	19.5	19.7	19.9
111.8	44.0		17.4	17.6	17.8	18.0	18.2	18.3	18.5	18.7	18.9	19.1	19.2	19.4
113.0	44.5		17.0	17.2	17.4	17.6	17.8	17.9	18.1	18.3	18.5	18.6	18.8	19.0
114.3	45.0		16.7	16.8	17.0	17.2	17.4	17.5	17.7	17.9	18.1	18.2	18.4	18.6
115.6	45.5		16.3	16.5	16.6	16.8	17.0	17.2	17.3	17.5	17.7	17.8	18.0	18.2

**46–53" and 48–53.5 lbs**

HEIGHT		WEIGHT												
		KG	21.8	22.0	22.2	22.5	22.7	22.9	23.1	23.4	23.6	23.8	24.0	24.3
		LB	48.0	48.5	49.0	49.5	50.0	50.5	51.0	51.5	52.0	52.5	53.0	53.5
CM	IN													
116.8	46.0	15.9	16.1	16.3	16.4	16.6	16.8	16.9	17.1	17.3	17.4	17.6	17.8	
118.1	46.5	15.6	15.8	15.9	16.1	16.3	16.4	16.6	16.7	16.9	17.1	17.2	17.4	
119.4	47.0	15.3	15.4	15.6	15.8	15.9	16.1	16.2	16.4	16.6	16.7	16.9	17.0	
120.7	47.5	15.0	15.1	15.3	15.4	15.6	15.7	15.9	16.0	16.2	16.4	16.5	16.7	
121.9	48.0	14.6	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	16.0	16.2	16.3	
124.5	49.0	14.1	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	15.5	15.7	
127.0	50.0	13.5	13.6	13.8	13.9	14.1	14.2	14.3	14.5	14.6	14.8	14.9	15.0	
129.5	51.0		13.1	13.2	13.4	13.5	13.7	13.8	13.9	14.1	14.2	14.3	14.5	
132.1	52.0					13.0	13.1	13.3	13.4	13.5	13.7	13.8	13.9	
134.6	53.0									13.0	13.1	13.3	13.4	

HEIGHT		WEIGHT												
		KG	24.5	24.7	24.9	25.2	25.4	25.6	25.9	26.1	26.3	26.5	26.8	27.0
		LB	54.0	54.5	55.0	55.5	56.0	56.5	57.0	57.5	58.0	58.5	59.0	59.5
CM	IN													
83.8	33.0	34.9												
85.1	33.5	33.8	34.1	34.5	34.8									
86.4	34.0	32.8	33.1	33.5	33.8	34.1	34.4	34.7	35.0					
87.6	34.5	31.9	32.2	32.5	32.8	33.1	33.4	33.7	34.0	34.3	34.6	34.9		
88.9	35.0	31.0	31.3	31.6	31.9	32.1	32.4	32.7	33.0	33.3	33.6	33.9	34.1	
90.2	35.5	30.1	30.4	30.7	31.0	31.2	31.5	31.8	32.1	32.4	32.6	32.9	33.2	
91.4	36.0	29.3	29.6	29.8	30.1	30.4	30.7	30.9	31.2	31.5	31.7	32.0	32.3	
92.7	36.5	28.5	28.8	29.0	29.3	29.6	29.8	30.1	30.3	30.6	30.9	31.1	31.4	
94.0	37.0	27.7	28.0	28.2	28.5	28.8	29.0	29.3	29.5	29.8	30.0	30.3	30.6	
95.3	37.5	27.0	27.2	27.5	27.7	28.0	28.2	28.5	28.7	29.0	29.2	29.5	29.7	
96.5	38.0	26.3	26.5	26.8	27.0	27.3	27.5	27.8	28.0	28.2	28.5	28.7	29.0	
97.8	38.5	25.6	25.9	26.1	26.3	26.6	26.8	27.0	27.3	27.5	27.7	28.0	28.2	
99.1	39.0	25.0	25.2	25.4	25.7	25.9	26.1	26.3	26.6	26.8	27.0	27.3	27.5	
100.3	39.5	24.3	24.6	24.8	25.0	25.2	25.5	25.7	25.9	26.1	26.4	26.6	26.8	
101.6	40.0	23.7	23.9	24.2	24.4	24.6	24.8	25.0	25.3	25.5	25.7	25.9	26.1	

**40.5–47" and 54–59.5 lbs**

HEIGHT		WEIGHT												
		KG	24.5	24.7	24.9	25.2	25.4	25.6	25.9	26.1	26.3	26.5	26.8	27.0
		LB	54.0	54.5	55.0	55.5	56.0	56.5	57.0	57.5	58.0	58.5	59.0	59.5
102.9	40.5		23.1	23.4	23.6	23.8	24.0	24.2	24.4	24.6	24.9	25.1	25.3	25.5
104.1	41.0		22.6	22.8	23.0	23.2	23.4	23.6	23.8	24.0	24.3	24.5	24.7	24.9
105.4	41.5		22.0	22.2	22.5	22.7	22.9	23.1	23.3	23.5	23.7	23.9	24.1	24.3
106.7	42.0		21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	23.1	23.3	23.5	23.7
108.0	42.5		21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2
109.2	43.0		20.5	20.7	20.9	21.1	21.3	21.5	21.7	21.9	22.1	22.2	22.4	22.6
110.5	43.5		20.1	20.2	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.7	21.9	22.1
111.8	44.0		19.6	19.8	20.0	20.2	20.3	20.5	20.7	20.9	21.1	21.2	21.4	21.6
113.0	44.5		19.2	19.3	19.5	19.7	19.9	20.1	20.2	20.4	20.6	20.8	20.9	21.1
114.3	45.0		18.7	18.9	19.1	19.3	19.4	19.6	19.8	20.0	20.1	20.3	20.5	20.7
115.6	45.5		18.3	18.5	18.7	18.8	19.0	19.2	19.4	19.5	19.7	19.9	20.0	20.2
116.8	46.0		17.9	18.1	18.3	18.4	18.6	18.8	18.9	19.1	19.3	19.4	19.6	19.8
118.1	46.5		17.6	17.7	17.9	18.0	18.2	18.4	18.5	18.7	18.9	19.0	19.2	19.3
119.4	47.0		17.2	17.3	17.5	17.7	17.8	18.0	18.1	18.3	18.5	18.6	18.8	18.9

**47.5–56" and 54–59.5 lbs**

HEIGHT		WEIGHT												
		KG	24.5	24.7	24.9	25.2	25.4	25.6	25.9	26.1	26.3	26.5	26.8	27.0
CM	IN	LB	54.0	54.5	55.0	55.5	56.0	56.5	57.0	57.5	58.0	58.5	59.0	59.5
120.7	47.5	16.8	17.0	17.1	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	18.5	
121.9	48.0	16.5	16.6	16.8	16.9	17.1	17.2	17.4	17.5	17.7	17.9	18.0	18.2	
124.5	49.0	15.8	16.0	16.1	16.3	16.4	16.5	16.7	16.8	17.0	17.1	17.3	17.4	
127.0	50.0	15.2	15.3	15.5	15.6	15.7	15.9	16.0	16.2	16.3	16.5	16.6	16.7	
129.5	51.0	14.6	14.7	14.9	15.0	15.1	15.3	15.4	15.5	15.7	15.8	15.9	16.1	
132.1	52.0	14.0	14.2	14.3	14.4	14.6	14.7	14.8	15.0	15.1	15.2	15.3	15.5	
134.6	53.0	13.5	13.6	13.8	13.9	14.0	14.1	14.3	14.4	14.5	14.6	14.8	14.9	
137.2	54.0	13.0	13.1	13.3	13.4	13.5	13.6	13.7	13.9	14.0	14.1	14.2	14.3	
139.7	55.0					13.0	13.1	13.2	13.4	13.5	13.6	13.7	13.8	
142.2	56.0									13.0	13.1	13.2	13.3	

HEIGHT		WEIGHT												
		KG	27.2	27.7	28.1	28.6	29.0	29.5	29.9	30.4	30.8	31.3	31.8	32.2
CM	IN	LB	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
88.9	35.0		34.4											
90.2	35.5		33.5	34.0	34.6									
91.4	36.0		32.5	33.1	33.6	34.2	34.7							
92.7	36.5		31.7	32.2	32.7	33.2	33.8	34.3	34.8					
94.0	37.0		30.8	31.3	31.8	32.4	32.9	33.4	33.9	34.4	34.9			
95.3	37.5		30.0	30.5	31.0	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	
96.5	38.0		29.2	29.7	30.2	30.7	31.2	31.6	32.1	32.6	33.1	33.6	34.1	34.6
97.8	38.5		28.5	28.9	29.4	29.9	30.4	30.8	31.3	31.8	32.3	32.7	33.2	33.7
99.1	39.0		27.7	28.2	28.7	29.1	29.6	30.0	30.5	31.0	31.4	31.9	32.4	32.8
100.3	39.5		27.0	27.5	27.9	28.4	28.8	29.3	29.7	30.2	30.6	31.1	31.5	32.0
101.6	40.0		26.4	26.8	27.2	27.7	28.1	28.6	29.0	29.4	29.9	30.3	30.8	31.2
102.9	40.5		25.7	26.1	26.6	27.0	27.4	27.9	28.3	28.7	29.1	29.6	30.0	30.4
104.1	41.0		25.1	25.5	25.9	26.3	26.8	27.2	27.6	28.0	28.4	28.9	29.3	29.7
105.4	41.5		24.5	24.9	25.3	25.7	26.1	26.5	26.9	27.4	27.8	28.2	28.6	29.0
106.7	42.0		23.9	24.3	24.7	25.1	25.5	25.9	26.3	26.7	27.1	27.5	27.9	28.3

**42.5–50" and 60–71 lbs**

HEIGHT		WEIGHT												
		KG	27.2	27.7	28.1	28.6	29.0	29.5	29.9	30.4	30.8	31.3	31.8	32.2
		LB	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
CM	IN													
108.0	42.5	23.4	23.7	24.1	24.5	24.9	25.3	25.7	26.1	26.5	26.9	27.2	27.6	
109.2	43.0	22.8	23.2	23.6	24.0	24.3	24.7	25.1	25.5	25.9	26.2	26.6	27.0	
110.5	43.5	22.3	22.7	23.0	23.4	23.8	24.2	24.5	24.9	25.3	25.6	26.0	26.4	
111.8	44.0	21.8	22.2	22.5	22.9	23.2	23.6	24.0	24.3	24.7	25.1	25.4	25.8	
113.0	44.5	21.3	21.7	22.0	22.4	22.7	23.1	23.4	23.8	24.1	24.5	24.9	25.2	
114.3	45.0	20.8	21.2	21.5	21.9	22.2	22.6	22.9	23.3	23.6	24.0	24.3	24.7	
115.6	45.5	20.4	20.7	21.1	21.4	21.7	22.1	22.4	22.8	23.1	23.4	23.8	24.1	
116.8	46.0	19.9	20.3	20.6	20.9	21.3	21.6	21.9	22.3	22.6	22.9	23.3	23.6	
118.1	46.5	19.5	19.8	20.2	20.5	20.8	21.1	21.5	21.8	22.1	22.4	22.8	23.1	
119.4	47.0	19.1	19.4	19.7	20.1	20.4	20.7	21.0	21.3	21.6	22.0	22.3	22.6	
120.7	47.5	18.7	19.0	19.3	19.6	19.9	20.3	20.6	20.9	21.2	21.5	21.8	22.1	
121.9	48.0	18.3	18.6	18.9	19.2	19.5	19.8	20.1	20.4	20.8	21.1	21.4	21.7	
124.5	49.0	17.6	17.9	18.2	18.4	18.7	19.0	19.3	19.6	19.9	20.2	20.5	20.8	
127.0	50.0	16.9	17.2	17.4	17.7	18.0	18.3	18.6	18.8	19.1	19.4	19.7	20.0	



**51-61" and 60-71 lbs**

HEIGHT		WEIGHT												
		KG	27.2	27.7	28.1	28.6	29.0	29.5	29.9	30.4	30.8	31.3	31.8	32.2
		LB	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
CM	IN													
129.5	51.0	16.2	16.5	16.8	17.0	17.3	17.6	17.8	18.1	18.4	18.7	18.9	19.2	
132.1	52.0	15.6	15.9	16.1	16.4	16.6	16.9	17.2	17.4	17.7	17.9	18.2	18.5	
134.6	53.0	15.0	15.3	15.5	15.8	16.0	16.3	16.5	16.8	17.0	17.3	17.5	17.8	
137.2	54.0	14.5	14.7	14.9	15.2	15.4	15.7	15.9	16.2	16.4	16.6	16.9	17.1	
139.7	55.0	13.9	14.2	14.4	14.6	14.9	15.1	15.3	15.6	15.8	16.0	16.3	16.5	
142.2	56.0	13.5	13.7	13.9	14.1	14.3	14.6	14.8	15.0	15.2	15.5	15.7	15.9	
144.8	57.0		13.2	13.4	13.6	13.8	14.1	14.3	14.5	14.7	14.9	15.1	15.4	
147.3	58.0				13.2	13.4	13.6	13.8	14.0	14.2	14.4	14.6	14.8	
149.9	59.0						13.1	13.3	13.5	13.7	13.9	14.1	14.3	
152.4	60.0								13.1	13.3	13.5	13.7	13.9	
154.9	61.0										13.0	13.2	13.4	

**38.5–45.5" and 72–83 lbs**

HEIGHT		WEIGHT												
		KG	32.7	33.1	33.6	34.0	34.5	34.9	35.4	35.8	36.3	36.7	37.2	37.6
		LB	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0	81.0	82.0	83.0
CM	IN													
97.8	38.5	34.2	34.6											
99.1	39.0	33.3	33.7	34.2	34.7									
100.3	39.5	32.4	32.9	33.3	33.8	34.2	34.7							
101.6	40.0	31.6	32.1	32.5	33.0	33.4	33.8	34.3	34.7					
102.9	40.5	30.9	31.3	31.7	32.1	32.6	33.0	33.4	33.9	34.3	34.7			
104.1	41.0	30.1	30.5	31.0	31.4	31.8	32.2	32.6	33.0	33.5	33.9	34.3	34.7	
105.4	41.5	29.4	29.8	30.2	30.6	31.0	31.4	31.8	32.2	32.7	33.1	33.5	33.9	
106.7	42.0	28.7	29.1	29.5	29.9	30.3	30.7	31.1	31.5	31.9	32.3	32.7	33.1	
108.0	42.5	28.0	28.4	28.8	29.2	29.6	30.0	30.4	30.8	31.1	31.5	31.9	32.3	
109.2	43.0	27.4	27.8	28.1	28.5	28.9	29.3	29.7	30.0	30.4	30.8	31.2	31.6	
110.5	43.5	26.8	27.1	27.5	27.9	28.2	28.6	29.0	29.4	29.7	30.1	30.5	30.8	
111.8	44.0	26.1	26.5	26.9	27.2	27.6	28.0	28.3	28.7	29.1	29.4	29.8	30.1	
113.0	44.5	25.6	25.9	26.3	26.6	27.0	27.3	27.7	28.0	28.4	28.8	29.1	29.5	
114.3	45.0	25.0	25.3	25.7	26.0	26.4	26.7	27.1	27.4	27.8	28.1	28.5	28.8	
115.6	45.5	24.5	24.8	25.1	25.5	25.8	26.1	26.5	26.8	27.2	27.5	27.8	28.2	

HEIGHT		WEIGHT												
		KG	32.7	33.1	33.6	34.0	34.5	34.9	35.4	35.8	36.3	36.7	37.2	37.6
		LB	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0	81.0	82.0	83.0
CM	IN													
116.8	46.0	23.9	24.3	24.6	24.9	25.3	25.6	25.9	26.2	26.6	26.9	27.2	27.6	
118.1	46.5	23.4	23.7	24.1	24.4	24.7	25.0	25.4	25.7	26.0	26.3	26.7	27.0	
119.4	47.0	22.9	23.2	23.6	23.9	24.2	24.5	24.8	25.1	25.5	25.8	26.1	26.4	
120.7	47.5	22.4	22.7	23.1	23.4	23.7	24.0	24.3	24.6	24.9	25.2	25.6	25.9	
121.9	48.0	22.0	22.3	22.6	22.9	23.2	23.5	23.8	24.1	24.4	24.7	25.0	25.3	
124.5	49.0	21.1	21.4	21.7	22.0	22.3	22.5	22.8	23.1	23.4	23.7	24.0	24.3	
127.0	50.0	20.2	20.5	20.8	21.1	21.4	21.7	21.9	22.2	22.5	22.8	23.1	23.3	
129.5	51.0	19.5	19.7	20.0	20.3	20.5	20.8	21.1	21.4	21.6	21.9	22.2	22.4	
132.1	52.0	18.7	19.0	19.2	19.5	19.8	20.0	20.3	20.5	20.8	21.1	21.3	21.6	
134.6	53.0	18.0	18.3	18.5	18.8	19.0	19.3	19.5	19.8	20.0	20.3	20.5	20.8	
137.2	54.0	17.4	17.6	17.8	18.1	18.3	18.6	18.8	19.0	19.3	19.5	19.8	20.0	
139.7	55.0	16.7	17.0	17.2	17.4	17.7	17.9	18.1	18.4	18.6	18.8	19.1	19.3	
142.2	56.0	16.1	16.4	16.6	16.8	17.0	17.3	17.5	17.7	17.9	18.2	18.4	18.6	
144.8	57.0	15.6	15.8	16.0	16.2	16.4	16.7	16.9	17.1	17.3	17.5	17.7	18.0	

HEIGHT		WEIGHT												
		KG	32.7	33.1	33.6	34.0	34.5	34.9	35.4	35.8	36.3	36.7	37.2	37.6
CM	IN	LB	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0	81.0	82.0	83.0
147.3	58.0		15.0	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3
149.9	59.0		14.5	14.7	14.9	15.1	15.3	15.6	15.8	16.0	16.2	16.4	16.6	16.8
152.4	60.0		14.1	14.3	14.5	14.6	14.8	15.0	15.2	15.4	15.6	15.8	16.0	16.2
154.9	61.0		13.6	13.8	14.0	14.2	14.4	14.5	14.7	14.9	15.1	15.3	15.5	15.7
157.5	62.0		13.2	13.4	13.5	13.7	13.9	14.1	14.3	14.4	14.6	14.8	15.0	15.2
160.0	63.0				13.1	13.3	13.5	13.6	13.8	14.0	14.2	14.3	14.5	14.7
162.6	64.0						13.0	13.2	13.4	13.6	13.7	13.9	14.1	14.2
165.1	65.0									13.1	13.3	13.5	13.6	13.8
167.6	66.0											13.1	13.2	13.4

**41.5–49" and 84–95 lbs**

HEIGHT		WEIGHT												
		KG	38.1	38.6	39.0	39.5	39.9	40.4	40.8	41.3	41.7	42.2	42.6	43.1
CM	IN	LB	84.0	85.0	86.0	87.0	88.0	89.0	90.0	91.0	92.0	93.0	94.0	95.0
105.4	41.5		34.3	34.7										
106.7	42.0		33.5	33.9	34.3	34.7								
108.0	42.5		32.7	33.1	33.5	33.9	34.3	34.6						
109.2	43.0		31.9	32.3	32.7	33.1	33.5	33.8	34.2	34.6	35.0			
110.5	43.5		31.2	31.6	32.0	32.3	32.7	33.1	33.4	33.8	34.2	34.6	34.9	
111.8	44.0		30.5	30.9	31.2	31.6	32.0	32.3	32.7	33.0	33.4	33.8	34.1	34.5
113.0	44.5		29.8	30.2	30.5	30.9	31.2	31.6	32.0	32.3	32.7	33.0	33.4	33.7
114.3	45.0		29.2	29.5	29.9	30.2	30.6	30.9	31.2	31.6	31.9	32.3	32.6	33.0
115.6	45.5		28.5	28.9	29.2	29.5	29.9	30.2	30.6	30.9	31.2	31.6	31.9	32.3
116.8	46.0		27.9	28.2	28.6	28.9	29.2	29.6	29.9	30.2	30.6	30.9	31.2	31.6
118.1	46.5		27.3	27.6	28.0	28.3	28.6	28.9	29.3	29.6	29.9	30.2	30.6	30.9
119.4	47.0		26.7	27.1	27.4	27.7	28.0	28.3	28.6	29.0	29.3	29.6	29.9	30.2
120.7	47.5		26.2	26.5	26.8	27.1	27.4	27.7	28.0	28.4	28.7	29.0	29.3	29.6
121.9	48.0		25.6	25.9	26.2	26.5	26.9	27.2	27.5	27.8	28.1	28.4	28.7	29.0
124.5	49.0		24.6	24.9	25.2	25.5	25.8	26.1	26.4	26.6	26.9	27.2	27.5	27.8

**50–63" and 84–95 lbs**

HEIGHT		WEIGHT												
		KG	38.1	38.6	39.0	39.5	39.9	40.4	40.8	41.3	41.7	42.2	42.6	43.1
		LB	84.0	85.0	86.0	87.0	88.0	89.0	90.0	91.0	92.0	93.0	94.0	95.0
CM	IN													
127.0	50.0	23.6	23.9	24.2	24.5	24.7	25.0	25.3	25.6	25.9	26.2	26.4	26.7	
129.5	51.0	22.7	23.0	23.2	23.5	23.8	24.1	24.3	24.6	24.9	25.1	25.4	25.7	
132.1	52.0	21.8	22.1	22.4	22.6	22.9	23.1	23.4	23.7	23.9	24.2	24.4	24.7	
134.6	53.0	21.0	21.3	21.5	21.8	22.0	22.3	22.5	22.8	23.0	23.3	23.5	23.8	
137.2	54.0	20.3	20.5	20.7	21.0	21.2	21.5	21.7	21.9	22.2	22.4	22.7	22.9	
139.7	55.0	19.5	19.8	20.0	20.2	20.5	20.7	20.9	21.2	21.4	21.6	21.8	22.1	
142.2	56.0	18.8	19.1	19.3	19.5	19.7	20.0	20.2	20.4	20.6	20.8	21.1	21.3	
144.8	57.0	18.2	18.4	18.6	18.8	19.0	19.3	19.5	19.7	19.9	20.1	20.3	20.6	
147.3	58.0	17.6	17.8	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.4	19.6	19.9	
149.9	59.0	17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	19.0	19.2	
152.4	60.0	16.4	16.6	16.8	17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	
154.9	61.0	15.9	16.1	16.2	16.4	16.6	16.8	17.0	17.2	17.4	17.6	17.8	17.9	
157.5	62.0	15.4	15.5	15.7	15.9	16.1	16.3	16.5	16.6	16.8	17.0	17.2	17.4	
160.0	63.0	14.9	15.1	15.2	15.4	15.6	15.8	15.9	16.1	16.3	16.5	16.7	16.8	

**64–71" and 84–95 lbs**

HEIGHT		WEIGHT												
		KG	38.1	38.6	39.0	39.5	39.9	40.4	40.8	41.3	41.7	42.2	42.6	43.1
		LB	84.0	85.0	86.0	87.0	88.0	89.0	90.0	91.0	92.0	93.0	94.0	95.0
CM	IN													
162.6	64.0		14.4	14.6	14.8	14.9	15.1	15.3	15.4	15.6	15.8	16.0	16.1	16.3
165.1	65.0		14.0	14.1	14.3	14.5	14.6	14.8	15.0	15.1	15.3	15.5	15.6	15.8
167.6	66.0		13.6	13.7	13.9	14.0	14.2	14.4	14.5	14.7	14.8	15.0	15.2	15.3
170.2	67.0		13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.3	14.4	14.6	14.7	14.9
172.7	68.0				13.1	13.2	13.4	13.5	13.7	13.8	14.0	14.1	14.3	14.4
175.3	69.0							13.1	13.3	13.4	13.6	13.7	13.9	14.0
177.8	70.0									13.1	13.2	13.3	13.5	13.6
180.3	71.0												13.1	13.2

**44–54" and 96–107 lbs**

HEIGHT		WEIGHT												
		KG	43.5	44.0	44.5	44.9	45.4	45.8	46.3	46.7	47.2	47.6	48.1	48.5
		LB	96.0	97.0	98.0	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
CM	IN													
111.8	44.0	34.9												
113.0	44.5	34.1	34.4	34.8										
114.3	45.0	33.3	33.7	34.0	34.4	34.7								
115.6	45.5	32.6	32.9	33.3	33.6	34.0	34.3	34.6	35.0					
116.8	46.0	31.9	32.2	32.6	32.9	33.2	33.6	33.9	34.2	34.6	34.9			
118.1	46.5	31.2	31.5	31.9	32.2	32.5	32.8	33.2	33.5	33.8	34.1	34.5	34.8	
119.4	47.0	30.6	30.9	31.2	31.5	31.8	32.1	32.5	32.8	33.1	33.4	33.7	34.1	
120.7	47.5	29.9	30.2	30.5	30.8	31.2	31.5	31.8	32.1	32.4	32.7	33.0	33.3	
121.9	48.0	29.3	29.6	29.9	30.2	30.5	30.8	31.1	31.4	31.7	32.0	32.3	32.7	
124.5	49.0	28.1	28.4	28.7	29.0	29.3	29.6	29.9	30.2	30.5	30.7	31.0	31.3	
127.0	50.0	27.0	27.3	27.6	27.8	28.1	28.4	28.7	29.0	29.2	29.5	29.8	30.1	
129.5	51.0	25.9	26.2	26.5	26.8	27.0	27.3	27.6	27.8	28.1	28.4	28.7	28.9	
132.1	52.0	25.0	25.2	25.5	25.7	26.0	26.3	26.5	26.8	27.0	27.3	27.6	27.8	
134.6	53.0	24.0	24.3	24.5	24.8	25.0	25.3	25.5	25.8	26.0	26.3	26.5	26.8	
137.2	54.0	23.1	23.4	23.6	23.9	24.1	24.4	24.6	24.8	25.1	25.3	25.6	25.8	



HEIGHT		WEIGHT												
		KG	43.5	44.0	44.5	44.9	45.4	45.8	46.3	46.7	47.2	47.6	48.1	48.5
		LB	96.0	97.0	98.0	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
CM	IN													
139.7	55.0	22.3	22.5	22.8	23.0	23.2	23.5	23.7	23.9	24.2	24.4	24.6	24.9	
142.2	56.0	21.5	21.7	22.0	22.2	22.4	22.6	22.9	23.1	23.3	23.5	23.8	24.0	
144.8	57.0	20.8	21.0	21.2	21.4	21.6	21.9	22.1	22.3	22.5	22.7	22.9	23.2	
147.3	58.0	20.1	20.3	20.5	20.7	20.9	21.1	21.3	21.5	21.7	21.9	22.2	22.4	
149.9	59.0	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.8	21.0	21.2	21.4	21.6	
152.4	60.0	18.7	18.9	19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	
154.9	61.0	18.1	18.3	18.5	18.7	18.9	19.1	19.3	19.5	19.7	19.8	20.0	20.2	
157.5	62.0	17.6	17.7	17.9	18.1	18.3	18.5	18.7	18.8	19.0	19.2	19.4	19.6	
160.0	63.0	17.0	17.2	17.4	17.5	17.7	17.9	18.1	18.2	18.4	18.6	18.8	19.0	
162.6	64.0	16.5	16.6	16.8	17.0	17.2	17.3	17.5	17.7	17.9	18.0	18.2	18.4	
165.1	65.0	16.0	16.1	16.3	16.5	16.6	16.8	17.0	17.1	17.3	17.5	17.6	17.8	
167.6	66.0	15.5	15.7	15.8	16.0	16.1	16.3	16.5	16.6	16.8	16.9	17.1	17.3	
170.2	67.0	15.0	15.2	15.3	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.8	
172.7	68.0	14.6	14.7	14.9	15.1	15.2	15.4	15.5	15.7	15.8	16.0	16.1	16.3	



**47-60" and 108-128 lbs**

HEIGHT		WEIGHT												
		KG	49.0	49.4	49.9	50.8	51.7	52.6	53.5	54.4	55.3	56.2	57.2	58.1
		LB	108.0	109.0	110.0	112.0	114.0	116.0	118.0	120.0	122.0	124.0	126.0	128.0
CM	IN													
119.4	47.0	34.4	34.7											
120.7	47.5	33.7	34.0	34.3	34.9									
121.9	48.0	33.0	33.3	33.6	34.2	34.8								
124.5	49.0	31.6	31.9	32.2	32.8	33.4	34.0	34.6						
127.0	50.0	30.4	30.7	30.9	31.5	32.1	32.6	33.2	33.7	34.3	34.9			
129.5	51.0	29.2	29.5	29.7	30.3	30.8	31.4	31.9	32.4	33.0	33.5	34.1	34.6	
132.1	52.0	28.1	28.3	28.6	29.1	29.6	30.2	30.7	31.2	31.7	32.2	32.8	33.3	
134.6	53.0	27.0	27.3	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0	31.5	32.0	
137.2	54.0	26.0	26.3	26.5	27.0	27.5	28.0	28.5	28.9	29.4	29.9	30.4	30.9	
139.7	55.0	25.1	25.3	25.6	26.0	26.5	27.0	27.4	27.9	28.4	28.8	29.3	29.7	
142.2	56.0	24.2	24.4	24.7	25.1	25.6	26.0	26.5	26.9	27.4	27.8	28.2	28.7	
144.8	57.0	23.4	23.6	23.8	24.2	24.7	25.1	25.5	26.0	26.4	26.8	27.3	27.7	
147.3	58.0	22.6	22.8	23.0	23.4	23.8	24.2	24.7	25.1	25.5	25.9	26.3	26.8	
149.9	59.0	21.8	22.0	22.2	22.6	23.0	23.4	23.8	24.2	24.6	25.0	25.4	25.9	
152.4	60.0	21.1	21.3	21.5	21.9	22.3	22.7	23.0	23.4	23.8	24.2	24.6	25.0	

**61–74" and 108–128 lbs**

HEIGHT		WEIGHT												
		KG	49.0	49.4	49.9	50.8	51.7	52.6	53.5	54.4	55.3	56.2	57.2	58.1
		LB	108.0	109.0	110.0	112.0	114.0	116.0	118.0	120.0	122.0	124.0	126.0	128.0
CM	IN													
154.9	61.0	20.4	20.6	20.8	21.2	21.5	21.9	22.3	22.7	23.1	23.4	23.8	24.2	
157.5	62.0	19.8	19.9	20.1	20.5	20.9	21.2	21.6	21.9	22.3	22.7	23.0	23.4	
160.0	63.0	19.1	19.3	19.5	19.8	20.2	20.5	20.9	21.3	21.6	22.0	22.3	22.7	
162.6	64.0	18.5	18.7	18.9	19.2	19.6	19.9	20.3	20.6	20.9	21.3	21.6	22.0	
165.1	65.0	18.0	18.1	18.3	18.6	19.0	19.3	19.6	20.0	20.3	20.6	21.0	21.3	
167.6	66.0	17.4	17.6	17.8	18.1	18.4	18.7	19.0	19.4	19.7	20.0	20.3	20.7	
170.2	67.0	16.9	17.1	17.2	17.5	17.9	18.2	18.5	18.8	19.1	19.4	19.7	20.0	
172.7	68.0	16.4	16.6	16.7	17.0	17.3	17.6	17.9	18.2	18.5	18.9	19.2	19.5	
175.3	69.0	15.9	16.1	16.2	16.5	16.8	17.1	17.4	17.7	18.0	18.3	18.6	18.9	
177.8	70.0	15.5	15.6	15.8	16.1	16.4	16.6	16.9	17.2	17.5	17.8	18.1	18.4	
180.3	71.0	15.1	15.2	15.3	15.6	15.9	16.2	16.5	16.7	17.0	17.3	17.6	17.9	
182.9	72.0	14.6	14.8	14.9	15.2	15.5	15.7	16.0	16.3	16.5	16.8	17.1	17.4	
185.4	73.0	14.2	14.4	14.5	14.8	15.0	15.3	15.6	15.8	16.1	16.4	16.6	16.9	
188.0	74.0	13.9	14.0	14.1	14.4	14.6	14.9	15.2	15.4	15.7	15.9	16.2	16.4	

**75-78" and 108-128 lbs**

HEIGHT		WEIGHT												
		KG	49.0	49.4	49.9	50.8	51.7	52.6	53.5	54.4	55.3	56.2	57.2	58.1
		LB	108.0	109.0	110.0	112.0	114.0	116.0	118.0	120.0	122.0	124.0	126.0	128.0
CM	IN													
190.5	75.0		13.5	13.6	13.7	14.0	14.2	14.5	14.7	15.0	15.2	15.5	15.7	16.0
193.0	76.0		13.1	13.3	13.4	13.6	13.9	14.1	14.4	14.6	14.9	15.1	15.3	15.6
195.6	77.0				13.0	13.3	13.5	13.8	14.0	14.2	14.5	14.7	14.9	15.2
198.1	78.0						13.2	13.4	13.6	13.9	14.1	14.3	14.6	14.8

**52–65" and 130–152 lbs**

HEIGHT		WEIGHT												
		KG	59.0	59.9	60.8	61.7	62.6	63.5	64.4	65.3	66.2	67.1	68.0	68.9
CM	IN	LB	130.0	132.0	134.0	136.0	138.0	140.0	142.0	144.0	146.0	148.0	150.0	152.0
132.1	52.0		33.8	34.3	34.8									
134.6	53.0		32.5	33.0	33.5	34.0	34.5							
137.2	54.0		31.3	31.8	32.3	32.8	33.3	33.8	34.2	34.7				
139.7	55.0		30.2	30.7	31.1	31.6	32.1	32.5	33.0	33.5	33.9	34.4	34.9	
142.2	56.0		29.1	29.6	30.0	30.5	30.9	31.4	31.8	32.3	32.7	33.2	33.6	34.1
144.8	57.0		28.1	28.6	29.0	29.4	29.9	30.3	30.7	31.2	31.6	32.0	32.5	32.9
147.3	58.0		27.2	27.6	28.0	28.4	28.8	29.3	29.7	30.1	30.5	30.9	31.3	31.8
149.9	59.0		26.3	26.7	27.1	27.5	27.9	28.3	28.7	29.1	29.5	29.9	30.3	30.7
152.4	60.0		25.4	25.8	26.2	26.6	27.0	27.3	27.7	28.1	28.5	28.9	29.3	29.7
154.9	61.0		24.6	24.9	25.3	25.7	26.1	26.5	26.8	27.2	27.6	28.0	28.3	28.7
157.5	62.0		23.8	24.1	24.5	24.9	25.2	25.6	26.0	26.3	26.7	27.1	27.4	27.8
160.0	63.0		23.0	23.4	23.7	24.1	24.4	24.8	25.2	25.5	25.9	26.2	26.6	26.9
162.6	64.0		22.3	22.7	23.0	23.3	23.7	24.0	24.4	24.7	25.1	25.4	25.7	26.1
165.1	65.0		21.6	22.0	22.3	22.6	23.0	23.3	23.6	24.0	24.3	24.6	25.0	25.3

**66–78" and 130–152 lbs**

HEIGHT		WEIGHT												
		KG	59.0	59.9	60.8	61.7	62.6	63.5	64.4	65.3	66.2	67.1	68.0	68.9
CM	IN	LB	130.0	132.0	134.0	136.0	138.0	140.0	142.0	144.0	146.0	148.0	150.0	152.0
167.6	66.0		21.0	21.3	21.6	22.0	22.3	22.6	22.9	23.2	23.6	23.9	24.2	24.5
170.2	67.0		20.4	20.7	21.0	21.3	21.6	21.9	22.2	22.6	22.9	23.2	23.5	23.8
172.7	68.0		19.8	20.1	20.4	20.7	21.0	21.3	21.6	21.9	22.2	22.5	22.8	23.1
175.3	69.0		19.2	19.5	19.8	20.1	20.4	20.7	21.0	21.3	21.6	21.9	22.2	22.4
177.8	70.0		18.7	18.9	19.2	19.5	19.8	20.1	20.4	20.7	20.9	21.2	21.5	21.8
180.3	71.0		18.1	18.4	18.7	19.0	19.2	19.5	19.8	20.1	20.4	20.6	20.9	21.2
182.9	72.0		17.6	17.9	18.2	18.4	18.7	19.0	19.3	19.5	19.8	20.1	20.3	20.6
185.4	73.0		17.2	17.4	17.7	17.9	18.2	18.5	18.7	19.0	19.3	19.5	19.8	20.1
188.0	74.0		16.7	16.9	17.2	17.5	17.7	18.0	18.2	18.5	18.7	19.0	19.3	19.5
190.5	75.0		16.2	16.5	16.7	17.0	17.2	17.5	17.7	18.0	18.2	18.5	18.7	19.0
193.0	76.0		15.8	16.1	16.3	16.6	16.8	17.0	17.3	17.5	17.8	18.0	18.3	18.5
195.6	77.0		15.4	15.7	15.9	16.1	16.4	16.6	16.8	17.1	17.3	17.6	17.8	18.0
198.1	78.0		15.0	15.3	15.5	15.7	15.9	16.2	16.4	16.6	16.9	17.1	17.3	17.6

**56–69" and 154–176 lbs**

HEIGHT		WEIGHT												
		KG	69.9	70.8	71.7	72.6	73.5	74.4	75.3	76.2	77.1	78.0	78.9	79.8
CM	IN	LB	154.0	156.0	158.0	160.0	162.0	164.0	166.0	168.0	170.0	172.0	174.0	176.0
142.2	56.0		34.5	35.0										
144.8	57.0		33.3	33.8	34.2	34.6								
147.3	58.0		32.2	32.6	33.0	33.4	33.9	34.3	34.7					
149.9	59.0		31.1	31.5	31.9	32.3	32.7	33.1	33.5	33.9	34.3	34.7		
152.4	60.0		30.1	30.5	30.9	31.2	31.6	32.0	32.4	32.8	33.2	33.6	34.0	34.4
154.9	61.0		29.1	29.5	29.9	30.2	30.6	31.0	31.4	31.7	32.1	32.5	32.9	33.3
157.5	62.0		28.2	28.5	28.9	29.3	29.6	30.0	30.4	30.7	31.1	31.5	31.8	32.2
160.0	63.0		27.3	27.6	28.0	28.3	28.7	29.1	29.4	29.8	30.1	30.5	30.8	31.2
162.6	64.0		26.4	26.8	27.1	27.5	27.8	28.2	28.5	28.8	29.2	29.5	29.9	30.2
165.1	65.0		25.6	26.0	26.3	26.6	27.0	27.3	27.6	28.0	28.3	28.6	29.0	29.3
167.6	66.0		24.9	25.2	25.5	25.8	26.1	26.5	26.8	27.1	27.4	27.8	28.1	28.4
170.2	67.0		24.1	24.4	24.7	25.1	25.4	25.7	26.0	26.3	26.6	26.9	27.3	27.6
172.7	68.0		23.4	23.7	24.0	24.3	24.6	24.9	25.2	25.5	25.8	26.2	26.5	26.8
175.3	69.0		22.7	23.0	23.3	23.6	23.9	24.2	24.5	24.8	25.1	25.4	25.7	26.0



**70–78" and 154–176 lbs**

HEIGHT		WEIGHT												
		KG	69.9	70.8	71.7	72.6	73.5	74.4	75.3	76.2	77.1	78.0	78.9	79.8
		LB	154.0	156.0	158.0	160.0	162.0	164.0	166.0	168.0	170.0	172.0	174.0	176.0
CM	IN													
177.8	70.0	22.1	22.4	22.7	23.0	23.2	23.5	23.8	24.1	24.4	24.7	25.0	25.3	
180.3	71.0	21.5	21.8	22.0	22.3	22.6	22.9	23.2	23.4	23.7	24.0	24.3	24.5	
182.9	72.0	20.9	21.2	21.4	21.7	22.0	22.2	22.5	22.8	23.1	23.3	23.6	23.9	
185.4	73.0	20.3	20.6	20.8	21.1	21.4	21.6	21.9	22.2	22.4	22.7	23.0	23.2	
188.0	74.0	19.8	20.0	20.3	20.5	20.8	21.1	21.3	21.6	21.8	22.1	22.3	22.6	
190.5	75.0	19.2	19.5	19.7	20.0	20.2	20.5	20.7	21.0	21.2	21.5	21.7	22.0	
193.0	76.0	18.7	19.0	19.2	19.5	19.7	20.0	20.2	20.4	20.7	20.9	21.2	21.4	
195.6	77.0	18.3	18.5	18.7	19.0	19.2	19.4	19.7	19.9	20.2	20.4	20.6	20.9	
198.1	78.0	17.8	18.0	18.3	18.5	18.7	19.0	19.2	19.4	19.6	19.9	20.1	20.3	

**60-73" and 178-200 lbs**

HEIGHT		WEIGHT												
		KG	80.7	81.6	82.6	83.5	84.4	85.3	86.2	87.1	88.0	88.9	89.8	90.7
CM	IN	LB	178.0	180.0	182.0	184.0	186.0	188.0	190.0	192.0	194.0	196.0	198.0	200.0
152.4	60.0		34.8											
154.9	61.0		33.6	34.0	34.4	34.8								
157.5	62.0		32.6	32.9	33.3	33.7	34.0	34.4	34.8					
160.0	63.0		31.5	31.9	32.2	32.6	32.9	33.3	33.7	34.0	34.4	34.7		
162.6	64.0		30.6	30.9	31.2	31.6	31.9	32.3	32.6	33.0	33.3	33.6	34.0	34.3
165.1	65.0		29.6	30.0	30.3	30.6	31.0	31.3	31.6	32.0	32.3	32.6	32.9	33.3
167.6	66.0		28.7	29.1	29.4	29.7	30.0	30.3	30.7	31.0	31.3	31.6	32.0	32.3
170.2	67.0		27.9	28.2	28.5	28.8	29.1	29.4	29.8	30.1	30.4	30.7	31.0	31.3
172.7	68.0		27.1	27.4	27.7	28.0	28.3	28.6	28.9	29.2	29.5	29.8	30.1	30.4
175.3	69.0		26.3	26.6	26.9	27.2	27.5	27.8	28.1	28.4	28.6	28.9	29.2	29.5
177.8	70.0		25.5	25.8	26.1	26.4	26.7	27.0	27.3	27.5	27.8	28.1	28.4	28.7
180.3	71.0		24.8	25.1	25.4	25.7	25.9	26.2	26.5	26.8	27.1	27.3	27.6	27.9
182.9	72.0		24.1	24.4	24.7	25.0	25.2	25.5	25.8	26.0	26.3	26.6	26.9	27.1
185.4	73.0		23.5	23.7	24.0	24.3	24.5	24.8	25.1	25.3	25.6	25.9	26.1	26.4

**74-78" and 178-200 lbs**

HEIGHT		WEIGHT												
		KG	80.7	81.6	82.6	83.5	84.4	85.3	86.2	87.1	88.0	88.9	89.8	90.7
CM	IN	LB	178.0	180.0	182.0	184.0	186.0	188.0	190.0	192.0	194.0	196.0	198.0	200.0
188.0	74.0		22.9	23.1	23.4	23.6	23.9	24.1	24.4	24.7	24.9	25.2	25.4	25.7
190.5	75.0		22.2	22.5	22.7	23.0	23.2	23.5	23.7	24.0	24.2	24.5	24.7	25.0
193.0	76.0		21.7	21.9	22.2	22.4	22.6	22.9	23.1	23.4	23.6	23.9	24.1	24.3
195.6	77.0		21.1	21.3	21.6	21.8	22.1	22.3	22.5	22.8	23.0	23.2	23.5	23.7
198.1	78.0		20.6	20.8	21.0	21.3	21.5	21.7	22.0	22.2	22.4	22.6	22.9	23.1

**64–78" and 202–224 lbs**

HEIGHT		WEIGHT															
		KG	91.6	92.5	93.4	94.3	95.3	96.2	97.1	98.0	98.9	99.8	100.7	101.6			
		LB	202.0	204.0	206.0	208.0	210.0	212.0	214.0	216.0	218.0	220.0	222.0	224.0			
CM	IN																
162.6	64.0	34.7															
165.1	65.0	33.6	33.9	34.3	34.6	34.9											
167.6	66.0	32.6	32.9	33.2	33.6	33.9	34.2	34.5	34.9								
170.2	67.0	31.6	32.0	32.3	32.6	32.9	33.2	33.5	33.8	34.1	34.5	34.8					
172.7	68.0	30.7	31.0	31.3	31.6	31.9	32.2	32.5	32.8	33.1	33.5	33.8	34.1				
175.3	69.0	29.8	30.1	30.4	30.7	31.0	31.3	31.6	31.9	32.2	32.5	32.8	33.1				
177.8	70.0	29.0	29.3	29.6	29.8	30.1	30.4	30.7	31.0	31.3	31.6	31.9	32.1				
180.3	71.0	28.2	28.5	28.7	29.0	29.3	29.6	29.8	30.1	30.4	30.7	31.0	31.2				
182.9	72.0	27.4	27.7	27.9	28.2	28.5	28.8	29.0	29.3	29.6	29.8	30.1	30.4				
185.4	73.0	26.7	26.9	27.2	27.4	27.7	28.0	28.2	28.5	28.8	29.0	29.3	29.6				
188.0	74.0	25.9	26.2	26.4	26.7	27.0	27.2	27.5	27.7	28.0	28.2	28.5	28.8				
190.5	75.0	25.2	25.5	25.7	26.0	26.2	26.5	26.7	27.0	27.2	27.5	27.7	28.0				
193.0	76.0	24.6	24.8	25.1	25.3	25.6	25.8	26.0	26.3	26.5	26.8	27.0	27.3				
195.6	77.0	24.0	24.2	24.4	24.7	24.9	25.1	25.4	25.6	25.9	26.1	26.3	26.6				
198.1	78.0	23.3	23.6	23.8	24.0	24.3	24.5	24.7	25.0	25.2	25.4	25.7	25.9				

**68–78" and 226–250 lbs**

HEIGHT		WEIGHT													
		KG	102.5	103.4	104.3	105.2	106.1	107.0	108.0	108.9	109.8	110.7	111.6	112.5	113.4
CM	IN	LB	226.0	228.0	230.0	232.0	234.0	236.0	238.0	240.0	242.0	244.0	246.0	248.0	250.0
172.7	68.0		34.4	34.7	35.0										
175.3	69.0		33.4	33.7	34.0	34.3	34.6	34.9							
177.8	70.0		32.4	32.7	33.0	33.3	33.6	33.9	34.1	34.4	34.7				
180.3	71.0		31.5	31.8	32.1	32.4	32.6	32.9	33.2	33.5	33.8	34.0	34.3	34.6	34.9
182.9	72.0		30.7	30.9	31.2	31.5	31.7	32.0	32.3	32.5	32.8	33.1	33.4	33.6	33.9
185.4	73.0		29.8	30.1	30.3	30.6	30.9	31.1	31.4	31.7	31.9	32.2	32.5	32.7	33.0
188.0	74.0		29.0	29.3	29.5	29.8	30.0	30.3	30.6	30.8	31.1	31.3	31.6	31.8	32.1
190.5	75.0		28.2	28.5	28.7	29.0	29.2	29.5	29.7	30.0	30.2	30.5	30.7	31.0	31.2
193.0	76.0		27.5	27.8	28.0	28.2	28.5	28.7	29.0	29.2	29.5	29.7	29.9	30.2	30.4
195.6	77.0		26.8	27.0	27.3	27.5	27.7	28.0	28.2	28.5	28.7	28.9	29.2	29.4	29.6
198.1	78.0		26.1	26.3	26.6	26.8	27.0	27.3	27.5	27.7	28.0	28.2	28.4	28.7	28.9







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EPIDEMIOLOGY • ENVIRONMENTAL HEALTH • DISABILITIES • GENETICS AND PUBLIC HEALTH • GLOBAL H  
• WORKPLACE HEALTH • HEALTH INFORMATION • HIV PREVENTION AND CONTROL • HEALTH STATIS  
AL • CHRONIC DISEASE PREVENTION • INFECTIOUS DISEASE PROTECTION • IMMUNIZATION • INJURY PR  
CHILD HEALTH • GLOBAL PARTNERSHIPS • MINORITY OUTREACH • MONITORING HEALTH • COMMUNITY  
• SAFER • HEALTHIER • PEOPLE • SAFER • HEALTHIER • PEOPLE • SAFER • HEALTHIER • PEOPLE  
HEALTH EDUCATION • EPIDEMIOLOGY • WORKPLACE HEALTH • IMMUNIZATION • WORKPLACE SAFETY  
LTH • PREVENTION RESEARCH • PRIVATE SECTOR PARTNERSHIPS • PUBLIC HEALTH WORKFORCE • WO  
• INFECTIOUS DISEASE PROTECTION • PUBLIC PARTNERSHIPS • HEALTHY AGING • HIV PREVENTION AN  
L • STD CONTROL • WOMEN'S HEALTH • TRAINING • HEALTH STATISTICS • MINORITY OUTREACH • YOUTH  
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