

Designation: D 4910 - 9902

# Standard Tables of Body Measurements for Infants, Sizes 0 to 24<sup>1</sup>

This standard is issued under the fixed designation D 4910; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

#### INTRODUCTION

These tables-are were developed from data published by the U.S. Department of Commerce. These data were based on original research conducted by the U.S. Department of Agriculture<sup>2</sup> in the 1930's. This standard takes into consideration children's growth patterns reflected in the 1980 charts for the National Center for Health Statistics<sup>3</sup> and the 1977 Anthropometric Study of U.S. Infants and Children conducted by the University of Michigan.<sup>4</sup> All sudden shifts of proportion have been eliminated so as to reflect the gradual growth and development of the infant. To verify the proposed body measurements, a limited sampling of children was measured and fitted with garments made as directed in these tables.

# 1. Scope

- 1.1 These tables list body measurements of infants from size 0 to 24. Although these measurements are body measurements, they can be used as a baseline in designing apparel for infants in this age size range when taking into account such factors as fabric type, ease for body movement, styling, and fit.
  - 1.2 <u>Infants 0–24 designate sizes and do not refer to age.</u>
- 1.3 The values stated in either acceptable metric SI units or in other inch-pound units shall be regarded separately as standard. The values stated in each system may not be exact equivalents; therefore, each system shall must be used independently of the other, without combining values in any way.
- 1.34 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

## 2. Referenced Documents

- 2.1 ASTM Standards:
- D 123 Terminology Relating to Textile Materials<sup>5</sup>
- D 5219 Terminology Relating to Body Dimensions for Apparel Sizing<sup>6</sup>
- 2.2 ISO Standard:
- ISO 3635 Size Designation of Clothes, Definitions, and Body Measurement Procedures<sup>7</sup>

# 3. Terminology

- 3.1 Definitions:
- 3.1.1 For definitions relating to body dimensions, refer to Terminology D 5219.

<sup>&</sup>lt;sup>1</sup> These tables are under the jurisdiction of ASTM Committee D=13 on Textiles and are the direct responsibility of Subcommittee D13.55 on Body Measurement for Apparel Sizing.

Current edition approved—March Sept. 10,—1999: 2002. Published—June 1999: December 2002. Originally published as D 4910 – 89. Last previous edition—D 4910 – 95ae1. D 4910 – 99.

<sup>&</sup>lt;sup>2</sup> O'Brien, Ruth, et al., Body Measurement to American Boys and Girls for Garment and Pattern Construction, U.S. Department of Agriculture, Miscellaneous Publication No. 366, July 1941.

<sup>&</sup>lt;sup>3</sup> Available from National Center for Health Statistics.

<sup>&</sup>lt;sup>4</sup> Snyder, Lawrence, Anthropometry of Infants, Children, and Youth to Age 18, University of Michigan, May 1977.

<sup>&</sup>lt;sup>5</sup> Annual Book of ASTM Standards, Vol 07.01.

<sup>&</sup>lt;sup>6</sup> Annual Book of ASTM Standards, Vol 07.02.

Available from American National Standards Institute (ANSI), +1+ 25 W. -42nd 43rd St., +13th 4th Floor, New York, NY 10036.

3.1.2 For definitions of other textile terms, used in-these tables, this standard, refer to Terminology D 123.

# 4. Significance and Use

4.1 The use of the body measurement information in Tables 1-will assist manufacturers to develop patterns and garments that are consistent with the current anthropometric characteristics of the population of interest. This practice in turn should reduce or minimize consumer confusion and dissatisfaction related to apparel sizing. (Also refer to ISO Size Designation Standard.) and 2 will assist manufacturers in developing patterns and garments that are consistent with the current anthropometric characteristics of the population of interest. This practice should in turn reduce or minimize consumer confusion and dissatisfaction related to apparel sizing. (Also refer to ISO 3635 Size Designation Procedures.)

## 5. Apparatus

- 5.1 Tape measure that is
- 5.1 *Tape Measure*, dimensionally stable and approximately 15-mm (½-in.) wide and accurately graduated in-millimetre mm (½-in.) increments.
  - 5.2 Plastic Goniometer, to measure the degree of shoulder slope.
  - 5.3 Scale, standard, calibrated, body weight type for infants.
  - 5.4 Plastic Ruler, dimensionally stable, flat and accurately graduated in mm (1/16-in.) increments.

# 6. Procedure

- 6.1 General:
- 6.1.1 For all vertical measurements, subject-should is to be lying down on its back, on a flat surface, with legs extended.
- 6.1.2 For all horizontal measurements, hold subject in a vertical position.
- 6.1.3 Measurements for infant body are taken
- 6.1.3 Take measurements over nude body.
- 6.1.4 Take all measurements from the same side of the body for consistency.
- 6.1.5 Refer to Terminology D 5219 for the location of all points to be measured.
- 6.2 Body Measurements:
- 6.2.1 *HeightStature*—Measure the straight distance from the top of the head to the soles of the feet while subject is lying down flat with legs extended and foot positioned at 1.57 rad (90° to the leg).
  - 6.2.2 Body Weight—Weigh the nude infant on-an a calibrated infant scale.
- 6.2.3 Chest <u>Girth</u>—Measure the horizontally <u>circumference</u> around the body under the arms and across the <u>nipples so as to include</u> fullest part of the chest apex including the lower portion of the shoulder blades.
  - 6.2.4 Waist Girth—Measure the minimum horizontally circumference around the body at waist height.
  - 6.2.5 Hip/SeatHip Girth—Measure horizontally the maximum circumference around the body at hip height.
- 6.2.6 <u>Vertical TrunkNeck Base Girth</u>—Measure from (1) a point on the shoulder, midway between <u>circumference of</u> the neck and <u>over</u> the <u>normal armhole line to (2) cervicale at</u> the <u>bottom of the crotch back</u>, and <u>back up to the shoulder taking care to avoid constriction top of the collarbone</u> at the <u>crotch. The measurement should be made over the nude body. front.</u>
- 6.2.7 <u>Head Circumference Armscye Girth</u>—Measure the <u>maximum circumference of distance from</u> the <u>head above shoulder</u> joint through the <u>front break-point</u>, the armpit, the back-break point, and to the starting point with the arms down.
- 6.2.8 <u>Neck Base Upper-Arm Girth</u>—Measure around the neck touching maximum circumference of the cervical at arm midway between the back elbow and shoulder joints with the upper borders of the collar bone at the front following the points that would be made by a fine-linked chain pressed over these points. arm bent 1.57 rad (90°).
- 6.2.9 <u>Armscye—WithElbow Girth—Measure</u> the <u>arm hanging down, measure maximum circumference of</u> the <u>distance from elbow over</u> the <u>shoulder joint through prominence of</u> the <u>front break point, elbow bone with</u> the <u>armpit, the back break point, and the starting point.</u> arm bent 1.57 rad (90°).
- 6.2.10 *Upper Arm Wrist Girth*—Measure the <u>maximum</u> circumference of the <u>arm midway between writ over</u> the <u>elbow inner</u> and <u>shoulder joint.</u> outer prominence of the wrist bones.
- 6.2.11 *Elbow Thigh Girth*—Measure the <u>maximum</u> circumference of the <u>elbow while upper leg close to</u> the <u>arm is straight.</u> crotch.
- 6.2.12 Wrist Ankle Girth—Measure the maximum circumference of the wrist ankle over the inner and outer greatest prominence at the lower end of the forearm. ankle bones.
- 6.2.13 Thigh Total Vertical Trunk—Measure the circumference-of from a point on the upper part right shoulder midway between the neck base and shoulder joint down the back, through the crotch, and up over the prominence of the leg (close right chest apex to the starting point, avoiding constriction at the crotch).
- 6.2.14 <u>Shoulder Total Crotch Length</u>—Measure from the <u>widest point of the neck base measurement distance from waist level</u> at the <u>shoulder center front through the crotch and</u> to the <u>armpit or armhole girth point of waist level at the shoulder. center back avoiding constriction at the crotch.</u>
- 6.2.15 Across Shoulder Head Girth—Measure-across the back from the top maximum horizontal circumference of one shoulder joint to the top of head above the other shoulder joint. ears.

TABLE 2 1 Infants 0 to 24—Body Measurements Without Clothing, SI (Metric Units)

Size	0 to 3	3 to 6	6 to 9	9 to 12	12 to 18	18 to 24	
Height, Centimetres	Up to 60	60 to 68	<del>69 to 72</del>	<del>73 to 78</del>	<del>79 to 83</del>	<del>84 to 88</del>	_
Stature, cm	Up to 60	60 to 68	69 to 72	73 to 78	79 to 83	84 to 88	
Weight, Kilograms	<del>Up to 6.5</del>	6.6 to 7.4	7.5 to 8.2	8.3 to 9.2	9 <del>.3 to 11.0</del>	11.1 to 12.6	
Body Weight, kg All Table Data is in CentimetresA	<u>Up to 6.5</u>	6.6 to 7.4	7.5 to 8.2	8.3 to 9.2	9.3 to 11.0	11.1 to 12.6	
Girth Measurements, cm							
Chest	<del>41.8</del>	<del>44.5</del>	<del>45.7</del>	<del>47.0</del>	<del>49.5</del>	<del>52.1</del>	
Chest Girth	41.9	44.4	45.7	47.0	49.5	52.1	
Waist	<del>45.7</del>	<del>47.0</del>	<del>47.6</del>	<del>48.3</del>	<del>49.5</del>	<del>60.6</del>	
Waist Girth	45.7	47.0	47.6	48.3	49.5	50.8	
Hip/Seat	43.2	<del>45.7</del>	<del>47.0</del>	<del>48.3</del>	<del>50.8</del>	<del>53.3</del>	
Hip Girth	43.2	<u>45.7</u>	<u>47.0</u>	<u>48.3</u>	<u>50.8</u>	<u>53.3</u>	
<del>Vertical Trunk</del>	63.6	<del>68.6</del>	<del>71.1</del>	<del>73.7</del>	<del>76.7</del>	<del>63.8</del>	
Neck Base Girth	<u>21.0</u>	<del>68.6</del>	<del>71.1</del>	<del>73.7</del>	<del>76.7</del>	<del>63.8</del>	
Head Circumference	<del>41.9</del>	<del>43.</del> <u>2</u> 44.5	<del>46.4</del>	<del>48.3</del>	<del>50.8</del>		
Neck Base	<u>21.6</u>	22.0	<del>22.5</del>	<u>23.5</u>	<u>24.4</u>	<u>25.4</u>	
Neck Base	2.2	22.9	<del>22.5</del>	23.5	24.4	25.4	
Armscye	<del>15.2</del>	<del>16.6</del>	<del>17.6</del>	<del>18.4</del>	<del>20.0</del>	<del>21.6</del>	
Armscye Girth	<u>15.2</u>	16.8	<u>17.6</u>	18.4	20.0	21.6	
UpperArm	<del>13.0</del>	<del>13.7</del>	<del>14.0</del>	14.3	<del>14.9</del>	<del>15.6</del>	
Upper-Arm Girth	13.0	13.7	14.0 <del>15.8</del>	14.3	14.9	15.6	
Elbow Cirth	14.8	<del>16.2</del>		15.9	18.5	<del>17.1</del>	
Elbow Girth Wrist	<u>14.6</u>	15.2	<u>15.6</u>	<u>15.9</u>	16.5	<u>17.1</u>	
	10.2	10.5	10.6		<del></del>		
Wrist Girth Thigh	23.5	10.5 25.1	25.9	10.8 <del>26.7</del>	11.1 28.2	11.4 29.5	
Thigh Girth	23.5	25.1	<u>25.9</u>	26.7	28.3	29.8	
Shoulder Length	23.3 <del>7.1</del>	<del>23.1</del> <del>7.3</del>	<del>23.9</del> <del>7.3</del>	<del>20.7</del> <del>-7.5</del>	<del>20.5</del> <del>7.6</del>	<del>29.8</del> <del>7.9</del>	
Ankle Girth	11.4	12.1	12.4	12.7	13.3	14.0	
Across Shoulder	<del>21.0</del>	<del>21.6</del>	<del>12.4</del> <del>21.9</del>	<del>22.2</del>	<del>22.9</del>	<del>23.5</del>	
Total Vertical Trunk Length	63.5	68.6	71.1	73.7	78.7	83.8	
Total Crotch Length	<del>26.3</del>	<del>31.1</del>	32.5	34.0	<del>35.9</del>	<del>39.7</del>	
Total Crotch Length	28.3	31.1	32.5	34.0	36.8	39.7	
Arm Length	<del>16.9</del>	<del>20.0</del>	<del>21.6</del>	<del>23.2</del>	<del>26.4</del>	<del>29.5</del>	
Head Girth	41.9	43.2	44.4	46.4	48.3	2.5	
Cervical to Wrist27.3							<del>39.8</del> <del>32.83</del>
Vertical Measurement 27.3							<del>39.8</del> <del>32.83</del>
Cervical to Knee	<del>31.1</del>	<del>35.6</del>	<del>37.5</del>	<del>40.0</del>	<del>44.5</del>	<del>48.9</del>	
Cervicale Height	43.8	<del>35.6</del>	<del>37.5</del>	<del>40.0</del>	<del>44.5</del>	<del>48.9</del>	
Cervical Height	<del>42.6</del>	<u>50.8</u>	54.8	57.6	64.6	71.8	
Cervical Height	42.6	50.8	54.3	57.8	64.8	71.8	
Head and Neck Length	14.6	15.2	15.6	15.9	16.5	17.1	
Certicalto Back Waist	<del>15.2</del>	<del>16.5</del>	<del>17.1</del>	<del>17.8</del>	<del>19.1</del>	<del>29.3</del>	
Center Back Waist Length	<u>15.2</u> <del>14.6</del>	<u>16.5</u> <del>15.9</del>	<u>17.1</u> <del>16.5</del>	17.8 17.1	19.0 19.4	20.3 <del>19.7</del>	
Front Waist Length Center Front Waist Length	14.6	15.9	16.5	<del>17.1</del> 17.1	19.4 18.4	19.7	
Cervicale to Knee Height	31.1	35.6	37.8	40.0	44.4	48.9	
Scye Depth	- <del>8.8</del>	<del>33.6</del>	-8.8	40.0 10.2	<del>44.4</del> <del>10.8</del>	40.9 11.4	
Scye Depth	8.9	9.5	9.8	10.2	10.8	11.4	
Waist Height	28.6	34.3	<del>37.1</del>	40.0	45.7	51.4	
Waist to Knee	<del>15.9</del>	<del>19.1</del>	<del>28.6</del>	22.2	<del>25.4</del>	<del>25.9</del>	
Hip Height	22.2	27.3	29.8	32.4	37.5	42.5	
Hip Height	22.2	<del>27.3</del>	<del>29.8</del>	<del>32.4</del>	<del>37.6</del>	<del>42.5</del>	
Waist to Knee Height	<u>15.9</u>	19.0	20.6	22.2	<u>25.4</u>	28.6	
Crotch Height	<del>18.1</del>	<del>23.5</del>	<del>25.7</del>	<del>27.9</del>	<del>32.4</del>	<del>36.8</del>	
Waist to Knee	<u>19.0</u>	23.5	<u>25.7</u>	27.9	32.4	<u>36.8</u>	
Knee Height	12.7	<del>15.2</del>	<del>16.5</del>	<del>17.6</del>	29.8	22.9	
Knee Height	<u>12.7</u>	<u>15.2</u>	<u>16.5</u>	<u>17.8</u>	<u>20.3</u>	22.9	
Ankle Height	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>8</del>	
Ankle Height	3.5	3.8	4.0	4.1	4.4	4.8	
Width and Length Measurements, cm	0.7	7.0	7.4	7.0	7.0	7.0	
Shoulder Length	6.7	$\frac{7.0}{10.7}$	7.1	7.3	$\frac{7.6}{22.2}$	7.9	
Across Back Shoulder Width	18.4	19.7	20.3	21.0	22.2	23.5	
Arm Length Convicals to Wrist Length	17.8	20.6	22.1	23.5	<u>26.4</u>	<u>29.2</u>	
Cervicale to Wrist Length Foot Length	27.0	30.5	32.2	34.0	37.5	<u>41.0</u>	
Foot Length	9.5	10.8	<u></u> 11.4	<del></del> 12 1	<del></del> 13.3	14.6	
	9.5	10.6	<del>11.4</del>	<u>12.1</u>	<u>13.3</u>	<del>14.6</del>	
Foot Width							

A These measurements are for the nude body. No allowance has been given for clothing or diapers. Add approximately 8 cm to the vertical trunk measurement to accommodate the diaper.

6.2.16 Total Crotch Length Cervicale Height — Measure the straight distance from (1) waist level at the center front through the



TABLE 1 2 Infants 0 to 24—Body Measurements Without Clothing, (Inch-Pound Units)

<b>-</b>	21.0	21.0	0.1.0	0 1 10	10 1 10	40.1.04	
Size-	0 to 3	3 to 6	6 to 9	9 to 12	12 to 18	18 to 24	_
Height, Inches	Up to 231/2	-24 to 261/2	-27 to 27½	-28 to 30½	-31 to 32½	-33 to 34½	
Stature, in.	Up to 23½ Up to 12.0	24 to 26½ -12.5 to 16.0	27 to 27½ -16.5 to 18.0	28 to 30½ -18.5 to 20.0	31 to 32½ -20.5 to 24.0	33 to 34½ -24.5 to 27.6	
Weight, Pounds Body Weight, Ib	Up to 12.0	12.5 to 16.0	18.5 to 20.0	20.5 to 24.0	24.5 to 27.6	25 to 28	
Body Weight, 15	<u>op to 12.0</u>		Data is in Inches <sup>A</sup>	20.0 to 24.0	24.0 10 27.0	20 10 20	
		Girth Me	asurements, in.				
Chest	<del>-16½</del>	<del>-17½</del>	<del>18</del>	<del>-18½</del>	<del>-19½</del>	<del>-20½</del>	
Chest Girth	<u>16½</u>	171/2	<u>18</u>	181/2	191/2	201/2	
<del>Waist</del> Waist Girth	<del>18</del>	<del></del>	<del></del>	<del>19</del>	<del>-19½</del>	<del>20</del>	
Hip/Seat	<u>18</u> - <del>17</del>	<del>1072</del> <del>-18</del>	18 ½	<u>19</u> <del>-19</del>	19½ -20	<u>20</u> <del>-21</del>	
Hip Girth	<u>17</u>		18 ½	19	20	<u>21</u>	
<del>Vertical Trunk</del>	<del>-25</del>	<u>18</u> <del>-27</del>	<del>-28</del>	— <del>-29</del>	<del>-31</del>	<del>-33</del>	
Neck Base Girth	81/4	83/4	9	<del>-29</del>	<del>-31</del>	<del>-33</del>	
Head Circumference	<del>-16.5</del>	<del>-17</del>	<del>- 17.5</del>	<del>-18.25</del>	<del>-19</del>	<del>-20</del>	
<del>Neck Base</del> Neck Base	<del>-81/2</del> 81/2	<del>- 8<sup>11</sup>/18</del> 8 <sup>11</sup> /16	<del>- 87/s</del> 87/s	- <u>91/4</u>	95/8 95/8	<u>10</u> 10	
Armscye	<del>-6</del>	-65/8	-6 <sup>15</sup> /18	9½ <del>7½</del>	<del>7 7/8</del>	-8½	
Armscye Girth	6	65/8	615/16	7½ -65/8	7 1/8	81/2	
<del>UpperArm</del>	<del>-61/8</del>	<del>-63</del> / <sub>8</sub>	$-6\frac{1}{2}$		<del>-67/8</del>	<del>-61/8</del>	
Upper-Arm Girth	5½ 53/	<u>5</u> %	<u>5½</u>	<u>55/8</u>	57/8	61/8	
Elbow Elbow Girth	<del>-5<sup>3</sup>/4</del> 5 <sup>3</sup> /4	<del>-6</del>	<del>-61/s</del> 61/s	<del>-61/4</del> 61/4	<del>-6½</del> 6½	<del>-63/4</del>	
Wrist	<del>5%</del>	<u>6</u> 	6½ 	6½ 	<u>6½</u> 	6 <sup>3</sup> / <sub>4</sub>	
Wrist Girth	4	41/8	43/16	41/4	43/8	41/2	
<del>Thigh</del>	<del>91/4</del>	<del>-97/8</del>	<del>103/18</del>	<del>-10½</del>	<del>111//8</del>	<del>-113/4</del>	
Thigh Girth	91/4	97/8	103/16	10½	111/8	113/4	
Shoulder Length	<del>213/18</del>	<del>- 27/8</del>	<del>- 27/8</del>	<del>- 2<sup>15</sup>/16</del>	<del>-3</del>	<del>-31/16</del>	
Ankle Girth Across Shoulder	4½ - <del>6¼</del>	$\frac{4^{3/4}}{-6^{1/2}}$	$\frac{4^{7/8}}{-6^{5/8}}$	<u>5</u> − <del>8¾</del>	<u>51/4</u> <del>-9</del>	<u>5½</u> − <del>9¼</del>	
Total Vertical Trunk Length		27		29	31	33	
Total Crotch Length	<u>25</u> - <del>121/8</del>	<del>-121/4</del>	<u>28</u> <del>−12¹³⁄₁</del> 6	<del>-13</del> %	<del>-14½</del>	<del>-15%</del>	
Total Crotch Length	<u>111//8</u>	121/4	<u>1213/16</u>	<u>13%</u>	<u>14½</u>	<u>15%</u>	
Arm Length	<del>6½</del>	<del></del>	<del>81/2</del>	<del>- 81/4</del>	<del>-10</del> %	<del>115/8</del>	
Head Girth	<u>16½</u>	<u>17</u>	<u>17½</u>	181/4	<u>19</u>	<u>1</u>	
		Vertical M	easurements, in.				
Cervical to Wrist	<del>-103/4</del>	<del></del>	<del>-12</del>	<del>-1322³/</del> 4	<del>25½</del>	<del>-147/8281/4</del>	
Cervicale Height	171/4	<u>20</u>	21%	223/4	25½	281/4	
Head and Neck Length	<del>- 15¾</del>	<del>6</del>	<del>61/8</del>	<del>61/4</del>	<del>6½</del>		
I I a a al a sa al NI a al a I a sa astla						<del>6¾</del>	
Head and Neck Length	53/4	<u>6</u>	61/8	61/4	61/2	<u>6</u> 3/ <sub>4</sub>	
Cervicalto Knee	5 <sup>3</sup> / <sub>4</sub> -12 <sup>1</sup> / <sub>4</sub>	<u>6</u> <del>-14</del>	61/8 <del>-147/8</del>	$\frac{6^{1/4}}{-17}$	$\frac{6\frac{1}{2}}{7\frac{1}{2}}$	<u>6</u> ¾ <del>8</del>	
	53/4	<u>6</u>	61/8	61/4	61/2	<u>6</u> 3/ <sub>4</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length	5 <sup>3</sup> / <sub>4</sub> <del>12<sup>1</sup>/<sub>4</sub></del> 6 <del>5<sup>3</sup>/<sub>4</sub></del> 5 <sup>3</sup> / <sub>4</sub>	6 -14 6½ -176¼ 6¼	6½ -14½ 6¾ <del>6½</del> 6½ 6½	6½ -17 7 -186¾ 6¾	6½ <del>7½</del> 7½ <del>7¼</del> <u>7</u> ¼	6 <sup>3</sup> / <sub>4</sub> <del>8</del> <u>8</u> <del>7 <sup>3</sup>/<sub>4</sub></del> 7 <sup>3</sup> / <sub>4</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height	5 <sup>3</sup> / <sub>4</sub> <del>12<sup>1</sup>/<sub>4</sub></del> 6 <del>5<sup>3</sup>/<sub>4</sub></del> 5 <sup>3</sup> / <sub>4</sub>	6 -14 6½ -176¼ 6¼ -20	61/8 -147/8 63/4 61/2 61/2 -21	6½ -17 7 -186¾ 6¾ -22¾	6½ <del>7½</del> 7½ <del>7½</del> <del>7¼</del> <u>7</u> ¼ -25½	6 <sup>3</sup> / <sub>4</sub> <del>8</del> <del>8</del> <del>7</del> <sup>3</sup> / <sub>4</sub> <u>7</u> <sup>3</sup> / <sub>4</sub> <del>281/<sub>4</sub></del>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height	5 <sup>3</sup> / <sub>4</sub> - <del>12<sup>1</sup>/<sub>4</sub></del> 6 5 <sup>3</sup> / <sub>4</sub> 5 <sup>3</sup> / <sub>4</sub> - <del>17<sup>1</sup>/<sub>4</sub></del> 12 <sup>1</sup> / <sub>4</sub>	6 -14 6½ -176¼ 6¼ -20	61/8 -147/8 63/4 61/2 61/2 -24 147/6	6½ -17 7 -186¾ 6¾ -22¾ 15¾	6½ <del>7½</del> <u>7½</u> <del>7¼</del> <u>25½</u> 17½	6 <sup>3</sup> / <sub>4</sub> 8 8 <del>7</del> <sup>3</sup> / <sub>4</sub> <del>28 1/<sub>4</sub></del> 191/ <sub>4</sub>	<b>6</b> 34.
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length	5 <sup>3</sup> / <sub>4</sub> -12 <sup>1</sup> / <sub>4</sub> 6 5 <sup>3</sup> / <sub>4</sub> 5 <sup>3</sup> / <sub>4</sub> -17 <sup>1</sup> / <sub>4</sub> -12 <sup>1</sup> / <sub>4</sub> -5 <sup>3</sup> / <sub>2</sub>	6 -14 6½ -176¼ -20 14 3¾	61/8 -147/8 63/4 61/2 -21 147/8 -6	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½	6½ <del>7½</del> <u>7½</u> <del>7¼</del> <u>7¼</u> 17½ 17½ -6¼	6 <sup>3</sup> / <sub>4</sub> 8 8 7 3/ <sub>4</sub> 7 3/ <sub>4</sub> -281/ <sub>4</sub> 191/ <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub>	<del>-63/</del> 4 <del>-63/4</del>
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height	5 <sup>3</sup> / <sub>4</sub> - <del>12<sup>1</sup>/<sub>4</sub></del> 6 5 <sup>3</sup> / <sub>4</sub> 5 <sup>3</sup> / <sub>4</sub> - <del>17<sup>1</sup>/<sub>4</sub></del> 12 <sup>1</sup> / <sub>4</sub>	6 -14 6½ -176¼ 6¼ -20	61/8 -147/8 63/4 61/2 61/2 -24 147/6	6½ -17 7 -186¾ 6¾ -22¾ 15¾	6½ <del>7½</del> <u>7½</u> <del>7¼</del> <u>25½</u> 17½	6 <sup>3</sup> / <sub>4</sub> 8 8 <del>7</del> <sup>3</sup> / <sub>4</sub> <del>28 1/<sub>4</sub></del> 191/ <sub>4</sub>	<del>-63/4</del> <del>-63/4</del>
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height	5 <sup>3</sup> / <sub>4</sub> 12 <sup>1</sup> / <sub>4</sub> 6 5 <sup>3</sup> / <sub>4</sub> 5 <sup>3</sup> / <sub>4</sub> 12 <sup>1</sup> / <sub>4</sub> 12 <sup>1</sup> / <sub>4</sub> 5 <sup>3</sup> / <sub>2</sub> 6 11 <sup>1</sup> / <sub>4</sub>	6 -14 6½ -176¼ 6¼ -20 14 3¾ 3¾ -6½ 13½	61/8 -147/6 63/4 61/2 61/2 -21 147/6 -6 37/8 -63/4 145/6	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾	6½ <del>7½</del> <del>7½</del> <del>7½</del> <del>7¼</del> -25½ 17½ -6¼ 4¼ -7½	6 <sup>3</sup> / <sub>4</sub> 8 8 7 7 3/ <sub>4</sub> 7 -281/ <sub>4</sub> 191/ <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub> 41/ <sub>2</sub> -8 201/ <sub>4</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length	5 <sup>3</sup> / <sub>4</sub> 12 <sup>1</sup> / <sub>4</sub> 6 5 <sup>3</sup> / <sub>4</sub> 5 <sup>3</sup> / <sub>4</sub> 17 <sup>1</sup> / <sub>4</sub> 12 <sup>1</sup> / <sub>4</sub> 5 <sup>3</sup> / <sub>2</sub> 6 11 <sup>1</sup> / <sub>4</sub> 6 <sup>3</sup> / <sub>4</sub>	6 -14 6½ -176¼ 6½ -20 14 3¾ -6½ 13½ -6½	61/8 -147/8 63/4 61/2 61/2 -21 147/8 -6 37/8 -63/4 145/6 -61/2	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -7 15¾ -6 -7	6½ <del>7½</del> <del>7½</del> <del>7½</del> <del>7¼</del> <del>25½</del> 17½ <del>6¼</del> 4¼ <del>7½</del> 18 <del>7½</del>	6 <sup>3</sup> / <sub>4</sub> 8 8 7 7 3/ <sub>4</sub> 7 -281/ <sub>4</sub> 191/ <sub>4</sub> -6 <sup>2</sup> / <sub>2</sub> 41/ <sub>2</sub> -8 201/ <sub>4</sub> -7 <sup>3</sup> / <sub>4</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length	5% 12½ 6 5% 5% 4 17½ 12½ 53½ 6 11½ 6% 8%	6 -14 6½ -176¼ 6¼ -20 14 3¾ 3¾ -6½ 13½ -6½ 10¾	61/8 -147/8 63/4 61/2 -24 147/8 -63/8 -63/4 145/8 -61/2 113/4	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -7 15¾ -7 15¾ -15¾ -12¾	6½ 7½ 7½ 7¼ 25½ 17½ -6¼ 4¼ -7½ 18 -7½ 14¾	6 <sup>3</sup> / <sub>4</sub> 8 8 7 3/ <sub>4</sub> 7 3/ <sub>4</sub> -281/ <sub>4</sub> 191/ <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub> 41/ <sub>2</sub> -8 201/ <sub>4</sub> -7 <sup>2</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length	5 <sup>3</sup> / <sub>4</sub> -12 <sup>1</sup> / <sub>4</sub> 6 5 <sup>3</sup> / <sub>4</sub> 5 <sup>3</sup> / <sub>4</sub> -17 <sup>1</sup> / <sub>4</sub> 12 <sup>1</sup> / <sub>4</sub> -5 <sup>3</sup> / <sub>2</sub> -6 11 <sup>1</sup> / <sub>4</sub> 6 <sup>3</sup> / <sub>4</sub> 8 <sup>3</sup> / <sub>4</sub> -36 <sup>1</sup> / <sub>4</sub>	6 -14 6½ -176¼ 6¼ -20 14 -3¾ 3¾ -6½ 13½ -6¼ -10¾ 7½	61/8 -147/6 63/4 61/2 -24 147/6 -63/4 145/6 -63/4 113/4 -381/6	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ 4 -7 15¾ 4 -7 15¾ 4 -7 15¾ 4 -8¾ 12¾ 8¾	6½ <del>7½</del> <del>7½</del> <del>7½</del> <del>7¼</del> <del>25½</del> 17½ <del>6¼</del> 4¼ <del>7½</del> 18 <del>7½</del>	6 <sup>3</sup> / <sub>4</sub> 8 8 7 3/ <sub>4</sub> 7 3/ <sub>4</sub> -281/ <sub>4</sub> 191/ <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub> 41/ <sub>2</sub> -8 201/ <sub>4</sub> -7 <sup>3</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> -4111/ <sub>4</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth	5%4 121/4 6 5%4 57/4 171/4 121/4 531/2 31/2 6 111/4 63/4 83/4 361/4 61/4 471/2	6 -14 6½ -1761/4 6½ -20 14 3¾ 3¾ -6½ 13½ -6½ -6½ 7½ 7½ 7½ 9¼	61/8 -147/8 63/4 61/2 -24 147/8 -63/8 -63/4 145/8 -61/2 113/4	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -7 15¾ -7 15¾ -15¾ -12¾	6½ 7½ 7½ 7½ 7¼ 25½ 17½ 6¼ 4¼ -7½ 18 -7½ 14¾ -7½ 18 -7½	6 <sup>3</sup> / <sub>4</sub> 8 8 7 3/ <sub>4</sub> 7 3/ <sub>4</sub> -281/ <sub>4</sub> 191/ <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub> 41/ <sub>2</sub> -8 201/ <sub>4</sub> -7 <sup>2</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Seye Depth Waist to Knee Height Cerotch Height Crotch Height Crotch Height	5 <sup>3</sup> / <sub>4</sub> 12 <sup>1</sup> / <sub>4</sub> 6 5 <sup>3</sup> / <sub>4</sub> 5 <sup>3</sup> / <sub>4</sub> 12 <sup>1</sup> / <sub>4</sub> 12 <sup>1</sup> / <sub>4</sub> 12 <sup>1</sup> / <sub>4</sub> 53 <sup>1</sup> / <sub>2</sub> 6 11 <sup>1</sup> / <sub>4</sub> 6 <sup>3</sup> / <sub>4</sub> 8 <sup>3</sup> / <sub>4</sub> 6 <sup>1</sup> / <sub>4</sub> 47 <sup>1</sup> / <sub>2</sub> 7 <sup>1</sup> / <sub>2</sub>	6 -14 6½ -176¼ 6½ -20 14 3¾ -6½ 13½ -6¼ 10¾ 7½ 5¼ 9¼ 9¼	61/8 -147/8 63/4 61/2 61/2 -21 147/8 -6 37/8 -63/4 145/6 -61/2 113/4 -381/6 81/6 -101/6	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -7 15¾ -8¾ 12¾ 8¾ 8¾ 11	6½ 7½ 7½ 7½ 7½ 7½ -25½ 17½ -6¼ 4¼ -7½ 18 -7½ 18 -7½ 14¾ -3½ 14¾ -3½ 10 12¾ 12¾	6 <sup>3</sup> / <sub>4</sub> 8 8 8 7- <sup>3</sup> / <sub>4</sub> 7- <sup>3</sup> / <sub>4</sub> -28 <sup>1</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub> 4 <sup>1</sup> / <sub>2</sub> -8 20 <sup>1</sup> / <sub>4</sub> -7 <sup>3</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> -411 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 14 <sup>1</sup> / <sub>2</sub> 14 <sup>1</sup> / <sub>2</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Seye Depth Waist to Knee Height Corotch Height Crotch Height Waist Height Crotch Height Waist Height	5%4 12½4 6 5%4 5%4 17½ 12½4 53½ 6 11½ 6% 8%4 36¼ 6¼ 6¼ 6¼ 6¼ 47½ 7½ 11½	6 -14 6½ -176¼ 6½ -20 14 3¾ -6½ 13½ -6¼ 10¾ 7½ 9¼ 9¼ -13½	61/8 -147/6 63/4 61/2 61/2 -21 147/6 -6 37/8 -63/4 145/6 -61/2 113/4 -381/6 81/6 -101/6 101/6 -101/6	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -6¾ 12¾ 8¾ 8¾ 11 11 -15¾	6½ 7½ 7½ 7½ 7½ 7¼ 25½ 17½ -6¼ 4¼ -7½ 18 -7½ 14¾ -7½ 14¾ -3½ 10 12¾ -12¾ -12¾ -16	6 <sup>3</sup> / <sub>4</sub> 8 8 7 7 / <sub>4</sub> 7 3 <sup>3</sup> / <sub>4</sub> -281/ <sub>4</sub> 191/ <sub>4</sub> -6 <sup>2</sup> / <sub>2</sub> 41/ <sub>2</sub> -8 201/ <sub>4</sub> -7 <sup>3</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> 4111/ <sub>4</sub> 111/ <sub>4</sub> 141/ <sub>2</sub> -141/ <sub>2</sub> -141/ <sub>2</sub> -201/ <sub>4</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Seye Depth Waist to Knee Height Crotch Height Crotch Height Waist Height Knee Height Knee Height	5%4 121/4 6 5%4 171/4 121/4 531/2 6 111/4 6%4 8%4 361/4 61/4 471/2 71/2 111/4 5	6 -14 6½ -176¼ 6½ -20 14 3¾ -6½ 13½ -6½ 10¾ 7½ 7½ 7½ 7½ 9¼ -13½ -13½ -13½ -13½ -13½ -13½ -13½	61/8 -147/8 63/4 61/2 -24 147/6 -6 37/8 -63/4 145/6 -61/2 113/4 -381/8 81/6 -101/8 -145/8 6 1/2	6½ -17 7 -186¾ -22¾ 15¾ -6½ 4 -7 15¾ -6¼ 4 -7 15¾ -6¼ 12¾ 8¾ 12¾ 8¾ 11 11 -15¾ 7	6½ 7½ 7½ 7½ 7½ 7¼ 25½ 17½ -6¼ 4¼ -7½ 18 -7½ 14¾ -7½ 12¾ 10 12¾ -16 8	6 <sup>3</sup> / <sub>4</sub> 8 8 7 <sup>3</sup> / <sub>4</sub> 7 <sup>3</sup> / <sub>4</sub> - <del>28 1/<sub>4</sub></del> 191/ <sub>4</sub> - <del>6 1/<sub>2</sub></del> 41/ <sub>2</sub> - <del>8</del> 201/ <sub>4</sub> - <del>7 1/<sub>4</sub></del> 16 <sup>3</sup> / <sub>4</sub> -4111/ <sub>4</sub> 111/ <sub>4</sub> 141/ <sub>2</sub> - <del>201/<sub>4</sub></del> 9	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth Waist to Knee Height Crotch Height Crotch Height Waist Height Knee Height Knee Height Waist to Knee	5%4 121/4 6 5%4 171/4 121/4 531/2 6 111/4 6%4 8%4 361/4 61/4 471/2 71/2 111/4 5-5/4 5-6/4	6 -14 6½ -176¼ 6½ -20 14 3¾ 3¾ -6½ 13½ -6½ 13½ -6½ 7½ 7½ 7½ 7½ 7½ -13½	61/8 -147/8 63/4 61/2 61/2 -24 147/8 -6 37/8 -63/4 145/6 -61/2 113/4 -381/6 81/6 -101/6 -145/8 6 1/2 -81/6	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -6½ 4 -7 15¾ -6¾ 8¾ 8¾ 8¾ 41 11 -15¾ 7 -6¾ 7	6½ 7½ 7½ 7½ 7½ 7¼ 25½ 17½ -6¼ 4¼ -7½ 18 -7½ 14¾ -7½ 10 12¾ 10 12¾ -16 8 -10¾	6 <sup>3</sup> / <sub>4</sub> 8 8 7 3/ <sub>4</sub> 7 3/ <sub>4</sub> 7 3/ <sub>4</sub> 191/ <sub>4</sub> 61/ <sub>2</sub> 41/ <sub>2</sub> 8 201/ <sub>4</sub> 7 3/ <sub>4</sub> 163/ <sub>4</sub> 111/ <sub>4</sub> 141/ <sub>2</sub> 141/ <sub>2</sub> 9 -111/ <sub>4</sub> 7/ <sub>6</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Seye Depth Waist to Knee Height Crotch Height Crotch Height Waist Height Knee Height Knee Height	5%4 121/4 6 5%4 171/4 121/4 531/2 6 111/4 6%4 8%4 361/4 61/4 471/2 71/2 111/4 5	6 -14 6½ -176¼ 6½ -20 14 -3¾ 3¾ -6½ 13½ -6¼ 10¾ 2½ 7½ 7½ 7½ 9¼ 9¼ -13½ 6 -7½	61/8 -147/8 63/4 61/2 -21 147/8 -6 37/8 -63/4 145/8 -63/2 113/4 -381/8 81/8 -101/8 101/8 -145/8 6 1/2 -81/8 19/16	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -6¾ 12¾ 8¾ 8¾ 8¾ 11 -15¾ 7 -8¾ 11 -15¾ 15% 15% 15% 15% 15% 15% 15% 15%	6½ 7½ 7½ 7½ 7½ 7¼ 25½ 17½ -6¼ 4¼ -7½ 18 -7½ 14¾ -7½ 12¾ 10 12¾ -16 8	6 <sup>3</sup> / <sub>4</sub> 8 8 7 <sup>3</sup> / <sub>4</sub> 7 <sup>3</sup> / <sub>4</sub> - <del>28 1/<sub>4</sub></del> 191/ <sub>4</sub> - <del>6 1/<sub>2</sub></del> 41/ <sub>2</sub> - <del>8</del> 201/ <sub>4</sub> - <del>7 1/<sub>4</sub></del> 16 <sup>3</sup> / <sub>4</sub> -4111/ <sub>4</sub> 111/ <sub>4</sub> 141/ <sub>2</sub> - <del>201/<sub>4</sub></del> 9	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth Waist to Knee Height Cervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth Waist to Knee Height Crotch Height Waist Height Knee Height Waist to Knee Ankle Height	5¾ 12½ 6 5¾ 5¾ 17½ 12½ -6 11½ -6¾ 8¾ -36¼ -47½ -11¼ 5½ -11½ -1	6 -14 6½2 -176¼ 6½4 -20 14 3¾ -6½ 13½ -6¼ 10¾ 7½ 9¼ -13½ 9¼ -13½ 6 -7½ 1½ Width and Leng	61/8 -147/8 63/4 61/2 61/2 -21 147/6 -6 33/8 -63/4 145/6 -61/2 113/4 -381/6 81/8 -101/8 101/8 101/8 119/16 19/16	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -3¾ 12¾ 8¾ 11 -15¾ 7 -8¾ 15% -1	6½ 7½ 7½ 7½ 7½ 7½ 4½ 17½ -6½ 4½ -7½ 18 -7½ 188 -7½ 12¾ -3½ 10 12¾ -16 8 -10¾	6 <sup>3</sup> / <sub>4</sub> 8 8 7 7, <sup>3</sup> / <sub>4</sub> 7, <sup>3</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> 6 <sup>1</sup> / <sub>2</sub> 4 <sup>1</sup> / <sub>2</sub> 8 20 <sup>1</sup> / <sub>4</sub> 7 <sup>3</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>2</sub> 14 <sup>1</sup> / <sub>2</sub> 20 <sup>1</sup> / <sub>4</sub> 9 -11 <sup>1</sup> / <sub>4</sub> / <sub>6</sub> 1 <sup>7</sup> / <sub>6</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth Waist to Knee Height Crotch Height Crotch Height Waist Height Knee Height Waist Height Knee Height Waist to Knee Ankle Height	5%4 121/4 6 5%4 171/4 121/4 531/2 31/2 6 111/4 63/4 83/4 361/4 61/4 61/4 471/2 71/2 111/4 5 61/4 13/8	6 -14 6½ -176¼ -20 14 -3¾ -6½ -13½ -6¼ 10¾ -7½ -9¼ -13½ -7½ -1½ -11½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -	61/8 -147/8 63/4 61/2 61/2 -21 147/6 -6 37/8 -63/4 145/6 -61/2 113/4 -381/8 81/6 -101/8 101/8 101/8 19/16 19/16 gth Measurements, in.	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -6¾ 12¾ 8¾ 11 11 -15¾ 7 -8¾ 1½ 15 15 15 15 15 15 15 15 15 15	6½ 7½ 7½ 7½ 7½ 7½ 4½ 25½ 17½ -6¼ 4¼ -7½ 18 -7½ 14¾ 23½ 12¾ 12¾ -16 8 -10¾ 13¼	6 <sup>3</sup> / <sub>4</sub> 8 8 7 7 / <sub>4</sub> 7 3 <sup>3</sup> / <sub>4</sub> -281/ <sub>4</sub> 191/ <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub> 41/ <sub>2</sub> -8 201/ <sub>4</sub> -7 <sup>3</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> -4111/ <sub>4</sub> 111/ <sub>4</sub> 141/ <sub>2</sub> 141/ <sub>2</sub> 141/ <sub>2</sub> 141/ <sub>2</sub> 141/ <sub>2</sub> 17/ <sub>8</sub> -16 <sup>3</sup> / <sub>4</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Seye Depth Waist to Knee Height Crotch Height Crotch Height Waist Height Knee Height Waist to Knee Ankle Height Shoulder Length	5¾ 12½ 6 5¾ 5¾ 4 17½ 12½ 53½ 3½ 6 11½ 6¾ 8¾ 36½ 6½ 47½ 7½ 11½ 5½ 11½ 5¾ 6¾ 6¾ 6¾ 6¾ 6¾ 6¾ 6¾ 6¾ 6¾ 6¾ 6¾ 6¾ 6¾	6 -14 6½ -176¼ 6½ -20 14 3¾ 3¾ -6½ 13½ -6½ 13½ -6½ 7½ 7½ 7½ 7½ 9¼ -13½ 6 -7½ 1½ 1½ Width and Leng -10¾ 2¾	61/8 -147/8 63/4 61/2 61/2 -24 147/8 -6 37/8 -63/4 145/8 -61/2 113/4 -381/8 81/8 -101/8 -101/8 -145/8 6 1/2 -81/8 19/16  gth Measurements, in: -113/4 -113/4 -113/4 -113/4	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -6¾ 12¾ 8¾ 8¾ 4 11 -15¾ 7 -8¾ 1½ 7 -8¾ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½	6½ 7½ 7½ 7½ 7½ 7¼ 25½ 17½ -6¼ 4¼ -7½ 18 -7½ 14¾ -7½ 123¼ 123¼ -16 8 -10¾ 13¼	6 <sup>3</sup> / <sub>4</sub> 8 8 7 <sup>3</sup> / <sub>4</sub> 7 <sup>3</sup> / <sub>4</sub> -28 <sup>1</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub> 4 <sup>1</sup> / <sub>2</sub> -8 20 <sup>1</sup> / <sub>4</sub> -7 <sup>3</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> -411 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 14 <sup>1</sup> / <sub>2</sub> -20 <sup>1</sup> / <sub>4</sub> 9 -11 <sup>3</sup> / <sub>4</sub> -1 <sup>6</sup> / <sub>6</sub> -16 <sup>3</sup> / <sub>4</sub>	
Cervicalto-Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth Waist to Knee Height Crotch Height Crotch Height Knee Height Waist Height Knee Height Waist to Knee Ankle Height	5%4 121/4 6 5%4 171/4 121/4 531/2 31/2 6 111/4 63/4 83/4 361/4 61/4 61/4 471/2 71/2 111/4 5 61/4 13/8	6 -14 6½ -176¼ 6½ -20 14 3¾ 3¾ -6½ 13½ -6½ 13½ -6½ 7½ 7½ 7½ 7½ 9¼ -13½ 6 -7½ 1½ Width and Leng -10¾ -2¾ -2¾ -2¾ -2¾ -3¼	61/8 -147/8 63/4 61/2 61/2 -21 147/6 -6 37/8 -63/4 145/6 -61/2 113/4 -381/8 81/6 -101/8 101/8 101/8 19/16 19/16 gth Measurements, in.	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -6¾ 12¾ 8¾ 8¾ 111 -15¾ -7 -8¾ -1½ -15¾ -1½ -15¾ -1½ -15¾ -1½ -15¾ -1½ -15¾ -1½ -15¾ -1½ -15¾ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½	6½ 7½ 7½ 7½ 7½ 7¼ -25½ 17½ -6¼ 4¼ -7½ 18 -7½ 14¾ -3½ 10 12¾ -16 8 -10¼ 1¾ -14¾ -14¾ -14¾ -14¾ -14¾ -14¾ -14¾ -	6 <sup>3</sup> / <sub>4</sub> 8 8 8 7- <sup>3</sup> / <sub>4</sub> 7- <sup>3</sup> / <sub>4</sub> 7- <sup>3</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub> 4 <sup>1</sup> / <sub>2</sub> -8 20 <sup>1</sup> / <sub>4</sub> -7 <sup>3</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> -411 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 14 <sup>1</sup> / <sub>2</sub> 20 <sup>1</sup> / <sub>4</sub> 9 -11 <sup>1</sup> / <sub>4</sub> / <sub>5</sub> 1 <sup>7</sup> / <sub>6</sub> -16 <sup>3</sup> / <sub>4</sub> 3 <sup>1</sup> / <sub>8</sub> -14 <sup>1</sup> / <sub>2</sub> 9 <sup>1</sup> / <sub>4</sub>	
Gervicalto-Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Gervical to BackWaist Waist Height Front Waist Length Hip Height Seye-Depth Waist to Knee Height Crotch Height Waist Height Waist Height Waist Height Hip Height Waist Height Waist Height Waist Height Waist Height Knee Height Hip Height Waist to Knee Ankle Height Waist to Knee Ankle Height Shoulder Length Grotch Height Shoulder Length Grotch Height Across Back Shoulder Width Knee Height	5¾ 12½ 6 5¾ 5¾ 47½ 12½ -53½ -6 11½ -6¾ 8¾ -36¼ -47½ -47½ -11¼ 5 -6¼ -47½ -11¼ 5 -6¼ -47½ -7½ -11¼ 5 -6¼ -47½ -7½ -6¼ -1½ -6¾ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -1½ -6½ -6½ -6½ -6½ -6½ -6½ -6½ -6	6 -14 6½ -176¼ 6½ -176¼ -20 14 3¾ -6½ 13½ -6¼ 10¾ 7½ 9¼ -13½ 6 -7½ 1½ 0 1½ 0 1½ 0 1½ 0 1½ 0 1½ 0 1½ 0 1½	61/8 -147/8 63/4 61/2 61/2 -21 147/8 -6 37/8 -63/4 145/6 -63/2 113/4 -381/8 81/6 -101/8 101/8 -145/8 6 1/2 -81/8 19/16 -113/4 213/16 -101/8 8 -61/2 8 -61/2	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -6¾ 12¾ 8¾ 8¾ 411 -15¾ -7 -8¾ -1½ -15½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1	6½ 7½ 7½ 7½ 7½ 7¼ -25½ 17½ -6¼ 4¼ -7½ 18 -7½ 14¾ -3½ 10 12¾ -16 8 -10¼ 1¾ -14¾ -14¾ -14¾ -14¾ -14¾ -14¾ -14¾ -	6 <sup>3</sup> / <sub>4</sub> 8 8 8 7- <sup>3</sup> / <sub>4</sub> 7- <sup>3</sup> / <sub>4</sub> 7- <sup>3</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub> 4 <sup>1</sup> / <sub>2</sub> -8 20 <sup>1</sup> / <sub>4</sub> -7 <sup>3</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> -411 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 14 <sup>1</sup> / <sub>2</sub> 20 <sup>1</sup> / <sub>4</sub> 9 -11 <sup>1</sup> / <sub>4</sub> / <sub>5</sub> 1 <sup>7</sup> / <sub>6</sub> -16 <sup>3</sup> / <sub>4</sub> 3 <sup>1</sup> / <sub>8</sub> -14 <sup>1</sup> / <sub>2</sub> 9 <sup>1</sup> / <sub>4</sub> -9	
Cervicalto-Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Crotch Height Crotch Height Waist Height Knee Height Waist Height Waist Height Waist Height Knee Height Waist Height Across Back Shoulder Width Knee Height Arm Length	5¾	6 -14 6½2 -176¼ 6½ -20 14 3¾ -6½ 13½ -6¼ 10¾ 7½ 9¼ -13½ 6 -7½ 1½ 0 -7½ 1½ 0 -7½ 1½ 0 -7½ 1½ 0 -7½ 1½ 0 -7½ 1½ 0 -7½ 1½ 0 -7½ 1½ 0 -7½ 1½ 0 -7½ 1½ 0 -7½ 1½ 0 -7½ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	61/8 -147/8 63/4 61/2 61/2 -21 147/6 -6 37/8 -63/4 145/6 -61/2 113/4 -381/8 81/8 -101/8 101/8 -101/8 119/16 gth Measurements, in: -113/4 213/16 -101/6 8 -61/2 81/16	6½ -17 7 -186¾ 6¾ -22½ 15¾ -6½ 4 -7 15¾ -6¾ 12¾ 8¾ 112¾ 8¾ 11 -15¾ 7 -8¾ 1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½	6½ 7½ 7½ 7½ 7½ 7½ 4½ 1½ -6½ 4¼ -7½ -6¼ 4¼ -7½ 18 -7½ 14¾ -3½ 10 12¾ -16 8 -10¾ 1¾ -14¾ 3 -12¾ -14¾ 3 -12¾ -10% 8 -10¾ -10% 8 -10¾ -10% -10% -10% -10% -10% -10% -10% -10%	6 <sup>3</sup> / <sub>4</sub> 8 8 7 7 3/ <sub>4</sub> 7 3/ <sub>4</sub> 7 3/ <sub>4</sub> 191/ <sub>4</sub> 6 <del>1</del> / <sub>2</sub> 41/ <sub>2</sub> 8 201/ <sub>4</sub> 7 3/ <sub>4</sub> 163/ <sub>4</sub> 4111/ <sub>4</sub> 111/ <sub>4</sub> 141/ <sub>2</sub> 141/ <sub>2</sub> 141/ <sub>2</sub> 141/ <sub>4</sub> 9 -111/ <sub>4</sub> 31/ <sub>6</sub> -141/ <sub>2</sub> 91/ <sub>4</sub> 9111/ <sub>2</sub>	
Cervicalto-Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth Waist to Knee Height Crotch-Height Crotch Height Waist Height Waist Height Waist Height Waist Height Crotch Height Waist Height Ankle Height Arm Length Ankle Height	5¾ 12½ 6 5¾ 5¾ 5¾ 5¾ 47½ 12½ 53½ 3½ 6 11½ 6¾ 8¾ 36½ 6½ 47½ 11½ 5½ 11½ 5½ 11½ 5½ 11½ 5½ 11½ 5½ 11½ 5½ 11½ 5½ 11½ 5 6½ 11½ 5 6½ 11½ 5 6½ 1½ 1¾ 5 6½ 1½ 1¾ 5 6½ 1½ 1½ 5 6½ 1½ 1½ 5 6½ 1½ 1½ 5 6½ 1½ 1½ 5 6½ 7 1½ 5 7	6 -14 6½ -176¼ 6½ -20 14 3¾ -6½ 13½ -6½ 13½ -6¼ 10¾ 7½ 7½ 9¼ -13½ 6 -7½ 1½ Width and Leng -10¾ 2¾ -9¼ -9¼ -9¼ -10¾ -	61/8 -147/8 63/4 61/2 61/2 -21 147/6 -6 37/8 -63/4 145/8 -61/2 113/4 -381/8 81/8 -101/8 101/8 19/16 19/16 gth Measurements, in113/4 213/16 -101/8 8 -61/2 81/16 -101/8 8 -61/2 81/16 -101/8 8 -61/2 81/16 -101/8 8 -61/2 81/16 -101/8 8 -61/2 81/16 -101/8 8 -61/2 81/16 -101/8 8 -61/2 81/16 -101/8	6½ -17 7 -186¾ -6¾ -22¾ 15¾ -6⅓ 4 -7 15¾ -6¾ -7 15¾ -6¾ 12¾ 8¾ 11 -15¾ -7 -8¾ -1½ -8¾ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½	6½ 7½ 7½ 7½ 7½ 7½ 4½ 4½ -25½ 17½ -6¼ 4¼ -7½ 18 -7½ 14¾ -7½ 12¾ -16 8 -10¾ 1¾ -14¾ 3 -12¾ -14¾ -14¾ -14¾ -14¾ -14¾ -14¾ -14¾ -14	6 <sup>3</sup> / <sub>4</sub> 8 8 7 7 / <sub>4</sub> 7 3 <sup>3</sup> / <sub>4</sub> -28 <sup>1</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> -6 <sup>1</sup> / <sub>2</sub> 4 <sup>1</sup> / <sub>2</sub> -8 20 <sup>1</sup> / <sub>4</sub> -7 <sup>3</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> -411 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 14 <sup>1</sup> / <sub>2</sub> 14 <sup>1</sup> / <sub>2</sub> 14 <sup>1</sup> / <sub>2</sub> 14 <sup>1</sup> / <sub>2</sub> 17/ <sub>8</sub> -16 <sup>3</sup> / <sub>4</sub> 3 <sup>1</sup> / <sub>8</sub> -14 <sup>1</sup> / <sub>2</sub> 9 11 <sup>1</sup> / <sub>4</sub> -9 11 <sup>1</sup> / <sub>2</sub> -11 <sup>1</sup> / <sub>2</sub>	
Cervicalto Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth Waist to Knee Height Crotch Height Crotch Height Waist Height Knee Height Waist to Knee Ankle Height Crotch Height Waist Height Knee Height Waist Height Knee Height Arnee Height Crotch Height Crotch Height Waist Height Knee Height Crotch Height	5¾ -12½ 6 5¾ -5¾ -17½ -12½ -5¾ -17½ -12½ -53½ -36½ -6 -11½ -6¾ -8¾ -36¼ -47½ -7½ -11½ -5½ -11½ -5½ -1½ -7½ -7½ -7½ -7½ -7½ -7½ -7	6 -14 6½ -176¼ 6½ -20 14 3¾ -6½ 13½ -6½ 13½ -6¼ 10¾ 7½ 7½ 9¼ -13½ 6 -7½ 1½ Width and Leng -10¾ 2¾ -9¼ -9¼ -9¼ -10¾ -	61/8 -147/8 63/4 61/2 61/2 -21 147/6 -6 37/8 -63/4 145/8 -61/2 113/4 -381/8 81/8 -101/8 -101/8 -145/8 6 1/2 -81/8 19/16 -101/8 8 -61/2 81/16 -101/6 8 8 -61/2 81/16 -101/6 8 8 -61/2 811/16 -101/6 8 8 -61/2 811/16 -101/6	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -6¼ 12¾ 8¾ 112¾ 8¾ 11 -15¾ 7 -8¾ 1½ -15% 2½ -14 -14	6½ 7½ 7½ 7½ 7½ 7½ 4½ 1½ -6½ 4½ 4½ -7½ 18 -7½ 18 -7½ 14¾ 12¾ 12¾ -16 8 -10¾ 12¾ -16 8 -10¾ -1½ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -12¾ -12¾ -12¾ -12¾ -12¾ -12¾ -12¾ -12	6 <sup>3</sup> / <sub>4</sub> 8 8 7 <sup>3</sup> / <sub>4</sub> 7 <sup>3</sup> / <sub>4</sub> 7 <sup>3</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>2</sub> 120 <sup>1</sup> / <sub>4</sub> 9 11 <sup>1</sup> / <sub>4</sub> 17/ <sub>6</sub> 17/ <sub>6</sub> 16 <sup>3</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>2</sub> 16 <sup>1</sup> / <sub>6</sub>	
Cervicalto-Knee Center Back Waist Length Center Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Cervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth Waist to Knee Height Crotch-Height Crotch Height Waist Height Waist Height Waist Height Waist Height Crotch Height Waist Height Ankle Height Arm Length Ankle Height	5¾ 12½ 6 5¾ 17½ 6 5¾ 17½ 12½ 53½ 3½ 6 11½ 6¾ 6¾ 6¾ 6¾ 6¾ 6½ 11½ 5½ 11½ 5½ 11½ 5¾ 6½ 11½ 5½ 11½ 5 6½ 11½ 5 7½ 11½ 5 7 105½	6 -14 6½ -176¼ 6½ -20 14 3¾ 3¾ -6½ 13½ -6½ 13½ -6½ 7½ 7½ 7½ 7½ 9¼ -13½ 6 -7½ 1½ Width and Leng -10¾ -2¾ -9¼ -13¼ -6½ 13½ -7½ -7½ -7½ -7½ -7½ -7½ -7½ -7	61/8 -147/8 63/4 61/2 61/2 -24 147/8 -6 37/8 -63/4 145/6 -61/2 113/4 -381/8 81/6 -101/8 -145/8 6 1/2 -81/8 19/16 -113/4 213/16 -113/4 213/16 -113/4 213/16 -111/6 1211/16 1211/16 1211/16	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -6¾ 8¾ 8¾ 111 -15¾ 7 -8¾ 1½ -8¾ 1½ -15¾ -11 -15¾ -7 -8¼ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½	6½ 7½ 7½ 7½ 7½ 7½ 4½ 1½ -6½ 4½ -7½ -6¼ 4¼ -7½ 18 -7½ 14¾ -7½ 14¾ -3½ 10 12¾ -16 8 -10¾ 1¾ -14¾ 3 -12¾ -12¾ 8¾ -12¾ 8¾ -8 10¾ -8 10¾ -8 10¾ 114¾ 114¾ 114¾	6¾ 8 8 7-¾ 7-¾ 7-¾ 19½ -28½ 19½ -6½ 4½ -8 20½ 4½ -8 20½ -7¾ 16¾ -411½ 11½ -20¼ 9 -11¼¼ 1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½ -1½	
Gervicalto-Knee Center Back Waist Length Genter Front Waist Length Center Front Waist Length Cervical Height Cervicale to Knee Height Head and Neck Length Scye Depth Gervical to BackWaist Waist Height Front Waist Length Hip Height Scye Depth Waist to Knee Height Crotch Height Crotch Height Waist Height Ankle Height Across Back Shoulder Width Knee Height Arm Length Ankle Height Cervicale to Wrist Length Feot Length Feot Length Feot Length	5¾ -12½ 6 5¾ -5¾ -17½ -12½ -5¾ -17½ -12½ -53½ -36½ -6 -11½ -6¾ -8¾ -36¼ -47½ -7½ -11½ -5½ -11½ -5½ -1½ -7½ -7½ -7½ -7½ -7½ -7½ -7	6 -14 6½ -176¼ 6½ -20 14 3¾ -6½ 13½ -6½ 13½ -6¼ 10¾ 7½ 7½ 9¼ -13½ 6 -7½ 1½ Width and Leng -10¾ 2¾ -9¼ -9¼ -9¼ -10¾ -	61/8 -147/8 63/4 61/2 61/2 -21 147/6 -6 37/8 -63/4 145/8 -61/2 113/4 -381/8 81/8 -101/8 -101/8 -145/8 6 1/2 -81/8 19/16 -101/8 8 -61/2 81/16 -101/6 8 8 -61/2 81/16 -101/6 8 8 -61/2 811/16 -101/6 8 8 -61/2 811/16 -101/6	6½ -17 7 -186¾ 6¾ -22¾ 15¾ -6½ 4 -7 15¾ -6¼ 12¾ 8¾ 112¾ 8¾ 11 -15¾ 7 -8¾ 1½ -15% 2½ -14 -14	6½ 7½ 7½ 7½ 7½ 7½ 4½ 1½ -6½ 4½ 4½ -7½ 18 -7½ 18 -7½ 14¾ 12¾ 12¾ -16 8 -10¾ 12¾ -16 8 -10¾ -1½ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -1½ -14¾ -12¾ -12¾ -12¾ -12¾ -12¾ -12¾ -12¾ -12	6 <sup>3</sup> / <sub>4</sub> 8 8 7 <sup>3</sup> / <sub>4</sub> 7 <sup>3</sup> / <sub>4</sub> 7 <sup>3</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> 19 <sup>1</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>2</sub> 120 <sup>1</sup> / <sub>4</sub> 9 11 <sup>1</sup> / <sub>4</sub> 17/ <sub>6</sub> 17/ <sub>6</sub> 16 <sup>3</sup> / <sub>4</sub> 11 <sup>1</sup> / <sub>2</sub> 16 <sup>1</sup> / <sub>6</sub>	

<sup>&</sup>lt;sup>A</sup> These measurements are for the nude body. No allowance has been given for clothing or diapers. Add approximately 3 in. to the vertical trunk measurement to accommodate the diaper.

- eroteh and cervicale to (2) the waist level at soles of the center back. feet while subject is lying down flat with legs extended and foot positioned at 1.57 rad (90°).
- 6.2.17 <u>ArmHead and Neck Length—With Measure</u> the arm bent 90° at the elbow, measure distance from (1) the top crown of the shoulder along the outside or posterior surface of the arm over the elbow head to (2) the prominent wrist bone at cervicale (contour) with the back of head erect and the hand near the little finger. neck unbent while subject is lying down flat with legs extended.
- 6.2.18 Cervicale to Wrist—WithCenter Back Waist Length—Measure the elbow bent, measure distance from the (1) cervicale by way of the top of the shoulder and along the outside surface of the arm around the elbow to (2) the prominent wrist bone at the center back—of waist level along the hand near the little finger. spine (contour).
- 6.2.19 Cervicale to Knee—With Center Front Waist Length—Measure the child lying down flat, measure the distance straight from the centervi front neck base line to the k center front waist level (contour).
- 6.2.20 Cervicale to Knee Height—With—Measure the child lying down flat, measure the distance straight distance from the cervicale to a point level with the soles midpoint of the back of the knee (or crease) while subject is lying down flat with legs extended and foot positioned at 1.57 rad (90°).
- 6.2.21 <u>Head and Neck Length—WithScye Depth—Measure</u> the child lying down and the neck unbent, measure straight vertical distance from the erown cervicale to the ervicale. back-break point level with the arms down.
- 6.2.22 Cervicale to Backwaist Waist Height—Measure along the sptraight distance from the cervical waist level to the soles of the feet along the side of the body while subject is lying down flat with legs extended and foot positioned at 1.57 rad (90°).
- 6.2.23 *Front Waist LengthHip Height*—Measure the straight distance from the front hip level to the soles of the neek base to feet along the front side of the body while subject is lying down flat with legs extended and foot positioned at 1.57 rad (90°).
- 6.2.24 <u>Scye Depth Waist to Knee Height</u>—Measure along the sptraight distance from the <u>cervicale</u> waist level to a point level to an <u>imaginary horizontal line connecting with</u> the <u>mid-underarm points</u>. <u>midpoint of the back of the knee (or crease) along the</u> side of the body while subject is lying down flat with legs extended.
- 6.2.25 WaistCrotch Height—With—Measure the child lying down flat, measure the distance straight distance from the waist midpoint of the crotch to the soles of the feet while subject is lying down flat with legs extended and foot positioned at 1.57 rad (90°).
- 6.2.26 Waist to Knee—WithKnee Height—Measure the child lying down flat, measure the distance straight distance from the waist midpoint (or crease) of the knee to the k soles of the feet while subject is lying down flat with legs extended and foot positioned at 1.57 rad (90°).
- 6.2.27 <u>HipAnkle Height—TMeasure the straight</u> distance at from the side prominence of the body from the hip level outer ankle bone to the soles of the feet while subject is lying down flat with legs extended and foot positioned at 1.57 rad (90°).
- 6.2.28 <u>Crotch Height—WithShoulder Length—Measure</u> the child lying down flat, measure the distance straight from the midpoint side of the crotch neck base to the soles top of the feet. shoulder joint with the arm down.
- 6.2.29 Knee Height—With Across Back Shoulder Width—Measure the child lying down flat, measure the horizontal distance straight across the back from the k top of one shoulder joint to the soles top of the f other shoulder joint with the arms down.
- 6.2.30 Ankle HeightArm Length—Measure the distance at from the side top of the body from shoulder joint along the outer ankle bone outside of the arm over the elbow to the soles of prominent wrist bone with the farm bent at 1.57 rad (90°) and the and placed on the hip.
- 6.2.31 FootCervicale to Wrist Length—TMeasure the distance fro-bm the cervicale over top of the shoulder joint along the outside of the arm over the elbow to the prominent wrist bone with the arm bent at 1.57 rad (90°) and the and placed on the hip.
- 6.2.32 <u>Foot Length—Measure the straight distance from the prominence of the back of the heel to the prominence of the longest toe with foot on a flat surface and without shoes (use stable flat ruler).</u>
- 6.2.33 Foot Width—To be submitted. —Measure the straight distance from one side of the foot to the other side at the widest part with foot on a flat surface and without shoes (use stable flat ruler).

#### 7. Keywords

7.1 apparel; body measurements; garment sizes; infants; tables

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