



Designation: D6192/D6192M – 19 (Reapproved 2023)

Standard Tables of Body Measurements for Girls, Sizes 2 to 20 (Reg & Slim) and Girls Plus¹

This standard is issued under the fixed designation D6192/D6192M; 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 (ϵ) indicates an editorial change since the last revision or reapproval.

INTRODUCTION

These tables were developed from data published by the U.S. Department of Commerce. This data was based on original research conducted by the U.S. Department of Agriculture² in the 1930s. This standard takes into consideration children's growth patterns reflected in the 1980 charts for the National Center for Health Statistics,³ the 1977 Anthropometric Study of U.S. Infants and Children conducted by the University of Michigan,⁴ 2000 CDC Growth Charts for the United States,⁵ and CDC Advance Data No. 361, dated 7/7/2005.⁶ All sudden shifts of proportion have been eliminated so as to reflect the gradual growth and development of the child. To verify the proposed body measurements, a three-dimensional Avatar was created in the size range by Alvanon Inc. for a visual reference and also attached to the documentation. Terminology **D5219** data was removed and references to the standard were made to avoid duplicity and ease management of standard.

1. Scope

1.1 These tables list body measurements of girl's sizes. Although these are body measurements, they can be used as a baseline in designing apparel for girls in this size range when considering such factors as fabric type, ease for body movement, styling, and fit.

1.2 The maximum age for the Girl's chart is 12½ years old to the size 20.

¹ These tables are under the jurisdiction of ASTM Committee **D13** on Textiles and are the direct responsibility of Subcommittee **D13.55** on Body Measurement for Apparel Sizing.

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² U.S. Department of Commerce, *Voluntary Product Standard: Body Measurements for the Sizing of Girls' Apparel*, NIST Publication No. PS 54-172, Washington DC.

³ Available from National Center for Health Statistics (NCHS), a division of Centers for Disease Control & Prevention (CDC), 1600 Clifton Rd., Atlanta, GA 30333, <http://www.cdc.gov>.

⁴ Snyder, Lawrence, *Anthropometry of Infants, Children, and Youth to Age 18*, University of Michigan, May 1977.

⁵ 2000 CDC Growth Charts for the United States: Methods and Development, National Center for Health Statistics, Vital Health Stat 11 (246), 2002.

⁶ CDC Advance Data from U.S. Department of Health and Human Services, Vital and Health Statics Number 361, 2005 *Anthropometric Reference Data for Children and Adults: U.S. Population, 1999-2002*.

1.3 The size table includes the range of toddler sizes, (2,3,4) BG=Boy, Girl. These values are for both girl's & boy's and will be included in the boy's standard as well. Kids (5,6) BG=Boy, Girl.

1.4 These tables list body measurements for the complete range of Girls sizing, Regular, Slim, Plus. Slim subjects are of same stature (height), with a slimmer body, and lower body weight than regular subjects as illustrated by the measurement charts. Plus subjects are the same stature (height), with fuller body, and higher body weight than regular subjects as illustrated by measurement charts in Tables **D6458/D6458M**.

1.5 The values stated in either SI units or inch-pound units are to be regarded separately as standard. The values stated in each system are not necessarily exact equivalents; therefore, to ensure conformance with the standard, each system shall be used independently of the other, and values from the two systems shall not be combined.

1.6 *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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.7 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the*

Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

2. Referenced Documents

2.1 *ASTM Standards*:⁷

D123 Terminology Relating to Textiles

D5219 Terminology Relating to Body Dimensions for Apparel Sizing

D6458/D6458M Tables of Body Measurements for Boys, Sizes 4 to 20 Slim and 2 to 20 Regular

2.2 *ISO Standard*:⁸

ISO 3635 Size Designation of Clothes, Definitions, and Body Measurement Procedures

3. Terminology

3.1 *Definitions*:

3.1.1 For definitions relating to body dimensions, refer to Terminology **D5219**.

3.1.2 For definitions of other textile terms used in this standard, refer to Terminology **D123**.

⁷ For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

⁸ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.

4. Significance and Use

4.1 The use of the body measurement information in **Tables 1-6** 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.)

4.2 Three-dimensional avatars depicting each of the children's sizes were created by Alvanon, Inc. and included in this standard to assist manufacturers in visualizing the posture, shape, and proportions generated by the measurement charts in the accompanying Tables. (See **Figs. 1-15**.)

5. Apparatus

5.1 *Tape Measure*, dimensionally stable, double coated and approximately 1½-in. [5 cm] wide and graduated accurately in inches or centimeters.

5.2 *Plastic Goniometer*, to measure the radian (degree) of shoulder slope.

5.3 *Scale*, standard, calibrated, body weight type.

5.4 *Metal Ruler*.

6. Procedure

6.1 For body dimensions, refer to Terminology **D5219**.

7. Keywords

7.1 apparel; body measurements; garment sizes; girls Regular, Slim, Plus; table

TABLE 1 Girls Regular Body Measurements, Inch-Pound Units

Size Number	2	3	4	5	6	6x	7	8	10	12	14	16	18	20
Body weight (mean),lb	29	31½	36	41	45	50	55	65	75	90	105	115	125	135
Body weight (range), lb	28-30	30-33	34-38	39-43	42-48	47-53	52-58	61-68	71-87	85-95	99-110	109-120	118-131	128-142
Girth Measurements, in.	2	3	4	5	6	6x	7	8	10	12	14	16	18	20
Head girth	20	20¼	20½	20¾	21	21¼	21¼	21½	21¾	22	22	22½	22½	23
Neck base girth	10⅞	10⅞	10¾	11⅞	11½	11⅞	11⅞	12⅞	12⅞	13⅞	13⅞	14⅞	14⅞	15 1/8⅞
Mid-neck girth	9¼	9⅞	9⅞	10	10⅞	10⅞	10¾	11	11⅞	12	12⅞	13	13⅞	13¾
Shoulder girth	24¼	25⅞	26⅞	27½	28½	29	29⅞	29⅞	30⅞	32⅞	32⅞	34⅞	36⅞	37⅞
Upper chest/bust girth	21¼	22	22¾	23¼	24¼	25⅞	26¼	27	28¼	29⅞	30⅞	32⅞	34½	36⅞
Chest/bust girth	20½	21	22	23	24	24¾	26	27	28½	30	31½	33½	35½	37½
Under chest/bust girth	20¼	20¾	21⅞	22⅞	23½	24¼	25	25¾	26	27⅞	28⅞	30⅞	32⅞	33⅞
Waist girth	21	21½	22	22½	23	23½	23½	24¼	25	26	28	30	32	34
Preferred waist girth	21¼	21⅞	22⅞	22⅞	23½	24	25	24⅞	25⅞	26¾	28¾	30¾	32⅞	35
High-hip girth	21½	22¼	23⅞	23⅞	24½	25⅞	25¾	26¾	27⅞	29⅞	31⅞	33¾	36	38¼
Hip/seat girth	21	22	23	24	25	25¾	27½	28½	30	32	34	36	38	40
Thigh girth	11¾	12 ⅜	13	13⅞	14¼	14⅞	15¾	16⅞	17¼	18⅞	19½	20⅞	21¼	22⅞
Mid-thigh girth	10¼	10¾	11	11½	12	12½	14⅞	15⅞	16	16⅞	18	19	20¼	20 ¾
Knee girth	8½	8¾	9 ⅞	9½	9⅞	10⅞	10¾	11¼	11¼	12¼	12⅞	13½	14⅞	14¾
Calf girth	8¼	8⅞	8⅞	9	9⅞	9¾	10⅞	10½	11	11½	12¼	13	13⅞	14½
Ankle girth	5½	5⅞	6¼	6⅞	7	7⅞	7⅞	7⅞	7⅞	8⅞	8⅞	8⅞	8⅞	9⅞
Arm/eye girth	8½	9⅞	9¾	10⅞	11	11¼	11½	12	12½	13¼	14	14¾	15½	16¼
Upper-arm girth	6⅞	6⅞	6⅞	6⅞	7⅞	7⅞	7⅞	7¾	8⅞	8½	9	9½	10	10½
Elbow girth	6¼	6½	6¾	7	7¼	7½	7⅞	8	8⅞	8¾	9⅞	9½	10⅞	10⅞
Forearm girth	5⅞	6⅞	6½	6¾	7	7¼	7⅞	7¾	8⅞	8⅞	8⅞	8⅞	9⅞	10⅞
Wrist girth	4½	4⅞	4¾	4⅞	5	5⅞	5⅞	5½	5¾	5⅞	6⅞	6⅞	6⅞	6⅞
Hand girth	5⅞	5⅞	5⅞	6⅞	6⅞	6½	7	7¼	7⅞	7 ¾	8¼	8⅞	8½	8½
Trunk length (total vertical girth)	33¾	35⅞	38⅞	40¼	42⅞	43	44⅞	46¼	48⅞	50⅞	53⅞	56	56⅞	57¼
Vertical Measurements, in.	2	3	4	5	6	6x	7	8	10	12	14	16	18	20
Height	35	38	41	44	46½	48½	50½	52½	55	58	61	62½	62½	62½
Head and neck length	6¾	7	7¼	7¾	7¾	7⅞	8	8	8⅞	8¼	8⅞	8⅞	8⅞	8⅞
Scye depth	3¼	3⅞	3⅞	4¼	4½	4½	4⅞	4¾	5	5½	5½	5¾	6	6¼
Cervicale height	28¼	31	33¾	36¼	38¾	40⅞	42½	44½	46⅞	49¾	52¼	53⅞	53¾	53¾
Cervicale to crotch height	14¼	15⅞	16⅞	17 ½	18½	18¾	19¾	20	20⅞	22	23¼	24	24	24
Cervicale to knee height	19¾	21⅞	23⅞	25⅞	26¾	28⅞	29⅞	30½	31¾	33⅞	34¾	35 ⅞	35½	35 ½
Waist to hip/seat height	3⅞	3¾	4⅞	4¾	5¼	5¼	5½	5¾	6	6¾	7⅞	7¼	7⅞	7⅞
Waist to knee height	11⅞	12¼	13¾	14⅞	16	17⅞	17¾	18⅞	19⅞	20½	21 ¼	21½	21½	21½
Waist height	19½	21⅞	23⅞	26	28	29⅞	31	32¾	34¾	36¾	38¾	39¾	39¾	39¾
Front preferred waist height	18¼	20¼	22¼	24¼	26	27⅞	28⅞	31½	33⅞	35⅞	37⅞	38	38	38
Back preferred waist height	19⅞	21⅞	23⅞	25½	27¼	29	29¾	32⅞	34 ¾	36 7⅞	38⅞	39⅞	39⅞	39⅞
High-hip height	17⅞	19¾	21¾	23⅞	25⅞	27	28 ⅞	29⅞	31⅞	33⅞	35¼	36⅞	36⅞	36
Hip/seat height	16 ⅞	17⅞	19½	21¼	22¾	24⅞	25⅞	27	28⅞	30⅞	31¾	32⅞	32⅞	32⅞
Crotch height	14	15⅞	17⅞	18¾	20¼	21⅞	23⅞	24⅞	26	27⅞	29⅞	29⅞	29⅞	29⅞
Rise height	5½	6	6¾	7¼	7¾	7¾	7⅞	8¼	8¾	9⅞	9⅞	10⅞	10⅞	10⅞
Knee height	8½	9 ⅞	10¼	11⅞	12	12½	13⅞	14	15⅞	16⅞	17½	18¼	18¼	18¼
Ankle height	2	2⅞	3	3⅞	4	4½	5	5⅞	6	6⅞	7	7¼	7¼	7¼
Width and Length Measurements, in.	2	3	4	5	6	6x	7	8	10	12	14	16	18	20
Center front waist length	8	8½	9	9⅞	9⅞	10	10½	10⅞	11¼	11 ⅞	12½	12⅞	12 ⅞	13
Center back waist length	8⅞	9⅞	10⅞	10⅞	11⅞	11⅞	11¾	12⅞	12⅞	13⅞	13⅞	14¼	14¼	14¼
Side waist length	4¾	5	5⅞	5⅞	5½	5⅞	6	6	6⅞	6⅞	6⅞	6⅞	6⅞	6⅞
Crotch length	14¾	15⅞	17	18	19⅞	19¼	20	20⅞	21⅞	23	24⅞	25¾	26⅞	26½
Shoulder length	27⅞	3	3⅞	3¼	3⅞	3⅞	3⅞	3⅞	3⅞	3⅞	3⅞	4	4⅞	4⅞
Shoulder slope	22°	22°	21.5°	21.5°	21.5°	21.5°	21°	21°	21°	21°	21°	21°	21°	21°
Shoulder drop	1	1⅞	1⅞	1¼	1¼	1⅞	1⅞	1⅞	1⅞	1½	1½	1½	1⅞	1⅞
Across front shoulder width	9½	9	10¼	10⅞	10⅞	11⅞	11¼	11⅞	12	12⅞	13⅞	13½	13⅞	14¼
Across back shoulder width	9¼	9⅞	10	10⅞	10¾	10⅞	10⅞	11⅞	11⅞	12⅞	12¾	13¼	13¼	14⅞
Upper front chest width	8⅞	8½	8⅞	9¼	9½	9¾	9⅞	10⅞	10⅞	11	11⅞	11⅞	12⅞	12⅞
Upper Back width	8⅞	9⅞	9⅞	9¾	10	10	10¼	10⅞	11⅞	11 ¾	12⅞	12⅞	13¼	13¾
Front chest width	8¼	8½	9	9⅞	9⅞	9⅞	10⅞	10⅞	11¼	11¼	12	12⅞	13½	14¼
Back width	8¾	9	9	9⅞	9⅞	9¾	10⅞	10⅞	11	11⅞	12⅞	12¾	13⅞	13¾
Chest/bust point to chest/bust point	4½	4⅞	5⅞	5	5⅞	5⅞	5⅞	5⅞	6¼	6¾	7¼	7¼	7¼	7⅞
Neck to chest/bust point	5½	5⅞	6⅞	6½	6⅞	7⅞	7¼	7⅞	7¾	8⅞	9	9⅞	9⅞	10⅞
Chest/bust point to chest/bust point (halter)	15⅞	16	16⅞	17½	18½	18⅞	19¾	19¾	20¾	22	23⅞	24½	25 1/2½	26¼
Cervicale to wrist length	17½	18⅞	19¾	20⅞	21⅞	22¼	23	23¾	24⅞	26¼	27⅞	28⅞	28¾	29⅞
Shoulder and arm length	15¾	16⅞	18	19	19⅞	20⅞	20⅞	21⅞	22½	24	25⅞	25⅞	26⅞	26½
Arm length	12⅞	13⅞	14⅞	15¾	16⅞	16⅞	17½	18⅞	18⅞	20¼	21¼	21⅞	21⅞	22⅞
Underarm length	9⅞	10	10⅞	11½	12	12¼	12⅞	13¼	13⅞	14⅞	15¼	15⅞	15½	15½
Hand length	3⅞	4	4¼	4½	5	5¼	5¼	5⅞	5½	5¾	6	6¼	6¼	6¼
Hand width	3¼	3⅞	3¼	3⅞	3⅞	3½	4⅞	4⅞	4⅞	4⅞	4⅞	4⅞	4⅞	5
Foot length	5¼	5⅞	6	6.5	6⅞	7⅞	7¾	7⅞	8⅞	8¼	8⅞	9	9⅞	9⅞
Foot width	2¼	2⅞	2½	2⅞	2⅞	2⅞	2⅞	3	3⅞	3½	3½	3½	3½	3½



TABLE 2 Girls Regular Body Measurements, SI Units

Size Number	2	3	4	5	6	6X	7	8	10	12	14	16	18	20
Body weight (mean), kg	13.15	14.29	16.33	18.60	20.41	22.68	24.95	29.48	34.02	40.82	47.63	52.16	56.70	61.23
Body weight (range), kg	12.70-13.61	13.61-14.97	15.42-17.24	17.69-19.50	19.05-21.77	21.32-24.04	23.59-26.31	27.67-30.84	32.21-39.46	38.56-43.09	44.91-49.90	49.44-54.43	53.52-59.42	58.06-64.41
Girth Measurements, cm	2	3	4	5	6	6X	7	8	10	12	14	16	18	20
Head girth	50.80	51.44	52.07	52.71	53.34	53.98	53.98	54.61	55.25	55.88	55.88	57.15	57.15	58.42
Neck base girth	25.72	26.35	27.31	28.26	29.21	29.53	30.16	30.80	32.07	33.34	34.61	35.88	37.15	38.42
Mid-neck girth	23.50	23.81	24.45	25.40	26.35	26.35	27.31	27.94	28.89	30.48	30.80	33.02	33.97	34.93
Shoulder girth	61.60	63.82	66.99	69.85	72.39	73.66	73.98	75.25	77.15	81.60	83.50	87.95	93.66	95.57
Upper chest/bust girth	53.98	55.88	57.79	60.33	62.87	64.45	66.68	68.58	71.76	73.98	77.15	82.23	87.63	93.66
Chest/bust girth	52.07	53.34	55.88	58.42	60.96	62.87	66.04	68.58	72.39	76.20	80.01	85.09	90.17	95.25
Under chest/bust girth	51.44	52.71	54.93	57.47	59.69	61.60	63.50	65.41	68.26	69.53	73.34	77.79	82.23	86.04
Waist girth	53.34	54.61	55.88	57.15	58.42	59.69	59.69	61.60	63.50	66.04	71.12	76.20	81.28	86.36
Preferred waist girth	53.98	55.56	56.83	58.10	59.69	60.96	63.50	62.55	65.09	67.95	73.03	78.11	83.50	88.90
High-hip girth	54.61	56.52	58.74	60.01	62.23	63.82	65.41	67.95	70.80	75.88	80.96	85.73	91.44	97.16
Hip/seat girth	53.34	55.88	58.42	60.96	63.50	65.41	69.85	72.39	76.20	81.28	86.36	91.44	96.52	101.60
Thigh girth	29.85	31.43	33.02	34.61	36.20	37.78	40.01	41.59	43.82	46.67	49.53	52.39	55.25	58.10
Mid-thigh girth	26.04	27.31	27.94	29.21	30.48	31.75	35.88	39.05	40.64	42.86	45.72	48.26	51.44	52.71
Knee girth	21.59	22.23	23.18	24.13	25.08	25.72	27.31	28.58	29.85	31.12	32.70	34.29	35.88	37.47
Calf girth	20.96	21.27	21.91	22.86	23.81	24.77	25.72	26.67	27.94	29.21	31.12	33.02	35.24	36.83
Ankle girth	13.97	14.92	15.88	16.83	17.78	18.10	18.73	19.37	20.00	20.64	21.27	21.91	22.54	23.18
Armhole girth	21.59	23.18	24.77	26.35	27.94	28.58	29.21	30.48	31.75	33.66	35.56	37.47	39.37	41.28
Upper-arm girth	15.56	16.19	16.83	17.46	18.10	18.73	19.37	19.69	20.64	21.59	22.86	24.13	25.40	26.67
Elbow girth	15.88	16.51	17.15	17.78	18.42	19.05	19.37	20.32	21.27	22.23	23.18	24.13	25.72	26.99
Forearm girth	14.92	15.56	16.51	17.15	17.78	18.42	18.73	19.69	20.64	21.27	21.91	22.54	24.45	25.72
Wrist girth	11.43	11.75	12.07	12.38	12.70	13.02	13.65	13.97	14.61	14.92	15.56	16.19	16.19	16.19
Hand girth	14.92	14.92	14.92	15.56	15.56	16.51	17.78	18.42	19.37	19.69	20.96	21.27	21.59	21.59
Trunk length (total vertical girth)	85.73	91.12	97.47	102.24	107.63	109.22	113.35	117.48	122.24	128.59	135.57	142.24	143.83	145.42
Vertical Measurements, cm	2	3	4	5	6	6X	7	8	10	12	14	16	18	20
Height	88.90	96.52	104.14	111.76	118.11	123.19	128.27	133.35	139.70	147.32	154.94	158.75	158.75	158.75
Head and neck length	17.15	17.78	18.42	19.69	19.69	20.00	20.32	20.64	20.96	21.91	22.54	22.54	22.54	22.54
Scye depth	8.26	9.21	9.84	10.80	11.43	11.43	11.75	12.07	12.70	13.97	13.97	14.61	15.24	15.88
Cervical height	71.76	78.74	85.73	92.08	98.43	103.19	107.95	113.03	119.06	126.37	132.72	136.21	136.53	136.53
Cervical to crotch height	36.20	39.05	42.23	44.45	46.99	47.63	49.21	50.80	53.02	55.88	59.06	60.96	60.96	60.96
Cervical to knee height	50.17	54.93	60.01	63.82	67.95	71.44	73.98	77.47	80.65	84.77	88.27	89.85	90.17	90.17
Waist to hip/seat height	8.57	9.53	11.11	12.07	13.34	13.34	13.97	14.61	15.24	17.15	18.10	18.42	18.73	18.73
Waist to knee height	28.26	31.12	34.93	37.78	40.64	43.50	45.09	47.94	49.85	52.07	53.98	54.61	54.61	54.61
Waist height	49.53	54.93	60.64	66.04	71.12	75.25	78.74	83.19	88.27	93.35	98.43	100.97	100.97	100.97
Front preferred waist height	46.36	51.44	56.52	61.60	66.04	70.17	72.07	80.01	84.14	89.22	94.30	96.52	96.52	96.52
Back preferred waist height	48.58	53.66	59.37	64.77	69.22	73.66	75.57	83.50	88.27	93.66	98.74	101.28	101.28	101.28
High-hip height	45.40	50.17	55.25	60.01	64.45	68.58	72.07	75.88	80.33	84.77	89.54	91.76	91.76	91.44
Hip/seat height	40.96	45.40	49.53	53.98	57.79	61.91	65.09	68.58	72.71	76.52	80.65	82.23	82.23	82.23
Crotch height	35.56	39.69	43.50	47.63	51.44	55.56	58.74	61.91	66.04	70.17	73.98	75.25	75.25	75.25
Rise height	13.97	15.24	17.15	18.42	19.69	19.69	20.00	20.96	22.23	23.18	24.45	25.72	25.72	25.72
Knee height	21.59	23.81	26.04	28.26	30.48	31.75	33.97	35.56	38.42	41.59	44.45	46.36	46.36	46.36
Ankle height	5.08	5.40	5.72	6.03	6.35	6.35	6.35	6.67	6.67	6.67	6.67	6.99	6.99	6.99
Width and Length Measurements, cm	2	3	4	5	6	6X	7	8	10	12	14	16	18	20
Center front waist length	20.32	21.59	22.86	23.81	25.08	25.40	26.67	27.62	28.58	30.16	31.75	32.70	32.70	33.02
Center back waist length	22.54	24.45	25.72	26.99	28.26	28.89	29.85	30.80	31.75	33.34	35.24	36.20	36.20	36.20
Side waist length	12.07	12.70	13.65	13.65	13.97	14.29	15.24	15.24	15.56	16.19	16.83	17.46	17.46	17.46
Crotch length	37.47	39.69	43.18	45.72	48.58	48.90	50.80	53.02	55.56	58.42	61.28	65.41	66.36	67.31
Shoulder length	7.30	7.62	7.94	8.26	8.57	8.57	8.57	8.57	9.21	9.53	9.84	10.16	10.48	11.11
Shoulder slope	22°	22°	21.5°	21.5°	21.5°	21.5°	21°	21°	21°	21°	21°	21°	21°	21°
Shoulder drop	2.54	2.86	2.86	3.18	3.18	3.49	3.49	3.49	3.49	3.81	3.81	3.81	4.13	4.13
Across front shoulder width	24.13	23.06	26.04	26.99	27.62	28.26	28.58	28.89	30.48	30.80	33.34	34.29	35.24	36.20
Across back shoulder width	23.50	24.45	25.40	26.35	27.31	27.62	27.62	28.26	29.53	30.80	32.39	33.66	34.93	35.88
Upper front chest width	20.64	21.59	22.54	23.50	24.13	24.77	25.08	25.72	26.99	27.94	28.89	30.16	31.43	32.70
Upper Back width	22.54	23.18	23.81	24.77	25.40	25.40	26.04	26.99	28.26	29.85	31.43	32.70	33.66	34.93
Front chest width	20.96	21.59	22.86	23.81	24.45	25.08	26.35	26.99	28.58	29.85	30.48	32.70	34.29	36.20
Back width	22.23	22.86	22.86	23.81	24.45	24.77	25.72	26.99	27.94	29.53	30.80	32.39	33.34	34.93
Chest/bust point to chest/bust point	11.43	11.75	13.02	12.70	13.02	13.65	13.65	14.92	15.88	17.15	18.42	18.42	18.42	18.73
Neck to chest/bust point	13.97	14.92	15.56	16.51	17.46	18.10	18.42	18.73	19.69	21.27	22.86	23.81	24.45	25.72
Chest/bust point to chest/bust point (halter)	38.42	40.64	42.23	44.45	46.99	47.94	49.21	50.17	52.71	55.88	59.37	62.23	64.77	66.68
Cervical to wrist length	44.45	47.31	50.17	53.02	55.56	56.52	58.42	60.33	62.55	66.68	70.17	72.07	73.03	73.98
Shoulder and arm length	40.01	42.86	45.72	48.26	50.48	51.75	53.02	54.93	57.15	60.96	63.82	65.72	66.36	67.31
Arm length	32.70	35.24	37.78	40.01	42.23	42.86	44.45	46.04	47.94	51.44	53.98	55.56	55.56	56.20
Underarm length	23.81	25.40	27.62	29.21	30.48	31.12	32.70	33.66	34.61	37.15	38.74	39.69	39.37	39.37
Hand length	9.84	10.16	10.80	11.43	12.70	13.34	13.34	13.65	13.97	14.61	15.24	15.88	15.88	15.88
Hand width	8.26	8.57	8.26	8.57	8.57	8.89	11.11	11.43	11.75	11.75	11.75	11.75	12.38	12.70
Foot length	13.34	14.29	15.24	16.51	17.46	18.73	19.69	20.00	20.64	20.96	21.91	22.86	23.18	23.18
Foot width	5.72	6.03	6.35	6.67	6.67	7.30	7.30	7.62	7.94	8.89	8.89	8.89	8.89	8.89



TABLE 3 Girls Slim Body Measurements, Inch-Pound Units

Size Number	7S	8S	10S	12S	14S	16S	18S	20S
Body weight (mean), lb	49	59	69	84	99	109	119	129
Body weight (range) lb	46-52	55-62	65-81	79-89	93-104	103-114	112-125	122-137
Girth Measurements, in.	7S	8S	10S	12S	14S	16S	18S	20S
Head girth	20 ³ / ₄	21	21 ¹ / ₄	21 ¹ / ₂	21 ¹ / ₂	22	22	22 ¹ / ₂
Neck base girth	11 ⁵ / ₈	11 ⁷ / ₈	12 ¹ / ₈	12 ³ / ₄	13 ¹ / ₈	13 ³ / ₄	14 ¹ / ₈	14 ⁵ / ₈
Mid-neck girth	10 ⁵ / ₈	10 ³ / ₄	11 ¹ / ₈	11 ³ / ₄	11 ⁷ / ₈	12 ⁵ / ₈	13	13 ³ / ₈
Shoulder girth	26 ³ / ₄	27 ⁵ / ₈	28 ⁵ / ₈	30 ¹ / ₄	31 ¹ / ₄	32 ³ / ₄	34 ¹ / ₂	35 ³ / ₈
Upper chest/bust girth	24 ¹ / ₂	25 ¹ / ₈	26	27	28 ¹ / ₄	29 ⁷ / ₈	31 ¹ / ₂	33 ¹ / ₂
Chest bust girth	24	25	26	27 ¹ / ₂	29	30 ¹ / ₂	32	34
Under chest/bust girth	22 ⁷ / ₈	23 ³ / ₈	24 ¹ / ₂	25 ¹ / ₄	26 ³ / ₈	27 ⁵ / ₈	28 ³ / ₈	30
Waist girth	21 ¹ / ₄	22	23	24	25	26	27	28 ¹ / ₂
Preferred waist girth	22 ¹ / ₄	23 ¹ / ₈	24 ¹ / ₄	25 ³ / ₄	26 ⁷ / ₈	28	29 ³ / ₈	31 ¹ / ₄
High-hip girth	22 ³ / ₄	23 ³ / ₄	25	26 ³ / ₈	27 ⁷ / ₈	29 ¹ / ₈	30 ¹ / ₂	32 ³ / ₈
Hip/seat girth	24	25	26 ¹ / ₂	28	29 ¹ / ₂	31	32 ¹ / ₂	34 ¹ / ₂
Thigh girth	13 ³ / ₄	14 ³ / ₈	15 ³ / ₈	16 ¹ / ₈	17	17 ⁷ / ₈	18 ³ / ₄	19 ³ / ₄
Mid-thigh girth	12 ⁵ / ₈	13 ⁵ / ₈	14 ³ / ₈	15	15 ⁷ / ₈	16 ⁵ / ₈	17 ³ / ₈	18 ¹ / ₈
Knee girth	9 ⁷ / ₈	10 ¹ / ₄	10 ⁷ / ₈	11 ¹ / ₄	11 ³ / ₄	12 ¹ / ₄	12 ³ / ₄	13 ¹ / ₄
Calf girth	9 ³ / ₈	9 ³ / ₄	10 ¹ / ₄	10 ³ / ₄	11 ³ / ₈	12	12 ³ / ₄	13 ¹ / ₄
Ankle girth	7 ¹ / ₈	7 ³ / ₈	7 ⁵ / ₈	7 ⁷ / ₈	8 ¹ / ₈	8 ¹ / ₄	8 ¹ / ₂	8 ³ / ₄
Armhole girth	11 ¹ / ₈	11 ¹ / ₄	12 ³ / ₈	13	13 ⁵ / ₈	14 ¹ / ₄	15	15 ³ / ₄
Upper-arm girth	7	7 ¹ / ₄	7 ¹ / ₂	7 ³ / ₄	8 ³ / ₈	8 ⁵ / ₈	9	9 ¹ / ₂
Elbow girth	6 ³ / ₄	7 ¹ / ₈	7 ¹ / ₂	7 ³ / ₄	8 ¹ / ₈	8 ³ / ₈	8 ³ / ₄	9 ³ / ₈
Forearm girth	6 ¹ / ₂	7	7 ¹ / ₂	7 ³ / ₈	7 ³ / ₄	7 ⁷ / ₈	8 ³ / ₈	8 ⁷ / ₈
Wrist girth	5	5 ¹ / ₈	5 ¹ / ₄	5 ¹ / ₂	5 ³ / ₄	6	6	6
Hand girth	6 ¹ / ₄	6 ¹ / ₂	6 ³ / ₄	7	7 ¹ / ₄	7 ¹ / ₂	7 ³ / ₄	8
Trunk length (total vertical girth)	43 ³ / ₈	45 ¹ / ₈	47	49 ³ / ₈	51 ⁷ / ₈	54 ⁵ / ₈	55	55 ³ / ₈
Vertical Measurements, in.	7S	8S	10S	12S	14S	16S	18S	20S
Height	50 ¹ / ₂	52 ¹ / ₂	55	58	61	62 ¹ / ₂	62 ¹ / ₂	62 ¹ / ₂
Head and neck length	8	8	8 ¹ / ₈	8 ¹ / ₄	8 ³ / ₈	8 ⁷ / ₈	8 ⁷ / ₈	8 ⁷ / ₈
Scye depth	4 ⁵ / ₈	4 ³ / ₄	5	5 ¹ / ₂	5 ¹ / ₂	5 ³ / ₄	6	6 ¹ / ₄
Cervicale height	42 ¹ / ₂	44 ¹ / ₂	46 ⁷ / ₈	49 ³ / ₄	52 ¹ / ₄	53 ³ / ₈	53 ³ / ₄	53 ³ / ₄
Cervicale to crotch height	19 ³ / ₈	20	20 ⁷ / ₈	22	23 ¹ / ₄	24	24	24
Cervicale to knee height	29 ¹ / ₈	30 ¹ / ₂	31 ³ / ₄	33 ³ / ₈	34 ³ / ₄	35 ³ / ₈	35 ¹ / ₂	35 ¹ / ₂
Waist to hip/seat height	5 ¹ / ₂	5 ³ / ₄	6	6 ⁵ / ₈	7 ¹ / ₈	7 ¹ / ₄	7 ³ / ₈	7 ³ / ₈
Waist to knee height	17 ³ / ₈	18 ³ / ₄	19 ⁵ / ₈	20 ³ / ₈	21 ¹ / ₄	21 ¹ / ₂	21 ¹ / ₂	21 ¹ / ₂
Waist height	31 ¹ / ₈	32 ⁷ / ₈	34 ³ / ₄	36 ³ / ₄	38 ⁷ / ₈	39 ⁷ / ₈	39 ⁷ / ₈	39 ⁷ / ₈
Front preferred waist height	28 ³ / ₈	29 ⁷ / ₈	31 ³ / ₄	33 ³ / ₈	35 ¹ / ₄	36 ¹ / ₈	36 ¹ / ₈	36
Back preferred waist height	29 ⁵ / ₈	31 ³ / ₈	33 ¹ / ₄	35	37	37 ⁷ / ₈	38	37 ⁷ / ₈
High-hip height	28 ³ / ₈	31 ³ / ₄	31 ³ / ₄	33 ³ / ₈	35 ¹ / ₄	36 ¹ / ₈	36 ¹ / ₈	36 ¹ / ₈
Hip/seat height	25 ⁵ / ₈	27	28 ⁵ / ₈	30 ¹ / ₈	31 ³ / ₄	32 ³ / ₈	32 ³ / ₈	32 ³ / ₈
Crotch height	23 ¹ / ₈	24 ³ / ₈	26	27 ⁵ / ₈	29 ¹ / ₈	29 ⁵ / ₈	29 ⁵ / ₈	29 ⁵ / ₈
Rise height	8	8 ¹ / ₂	8 ³ / ₄	9 ¹ / ₈	9 ³ / ₄	10 ¹ / ₄	10 ¹ / ₄	10 ¹ / ₄
Knee height	13 ³ / ₈	14	15 ¹ / ₈	16 ³ / ₈	17 ¹ / ₂	18 ¹ / ₄	18 ¹ / ₄	18 ¹ / ₄
Ankle height	2 ¹ / ₂	2 ⁵ / ₈	2 ⁵ / ₈	2 ⁵ / ₈	2 ⁵ / ₈	2 ³ / ₄	2 ³ / ₄	2 ³ / ₄
Width and Length Measurements, in.	7S	8S	10S	12S	14S	16S	18S	20S
Center front waist length	10 ¹ / ₂	10 ³ / ₄	11 ¹ / ₈	11 ³ / ₄	12 ³ / ₈	12 ³ / ₄	12 ³ / ₄	12 ⁷ / ₈
Center back waist length	11 ³ / ₄	12 ¹ / ₈	12 ¹ / ₂	13 ¹ / ₈	13 ⁷ / ₈	14 ¹ / ₄	14 ¹ / ₄	14 ¹ / ₄
Side waist length	6	6	6 ¹ / ₈	6 ³ / ₈	6 ⁵ / ₈	6 ⁷ / ₈	6 ⁷ / ₈	6 ⁷ / ₈
Crotch length	19 ³ / ₈	20 ¹ / ₈	21 ¹ / ₄	22 ¹ / ₄	23 ¹ / ₄	24 ³ / ₄	25	25 ³ / ₈
Shoulder length	3 ¹ / ₄	3 ³ / ₈	3 ¹ / ₂	3 ⁵ / ₈	3 ³ / ₄	3 ⁷ / ₈	4	4 ¹ / ₈
Shoulder slope	21.5°	21.5°	21.5°	21.5°	21.5°	21.5°	21.5°	21.5°
Shoulder drop	1 ³ / ₈	1 ³ / ₈	1 ³ / ₈	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ⁵ / ₈	1 ³ / ₄
Across front shoulder width	10 ¹ / ₂	10 ⁷ / ₈	11 ¹ / ₂	11 ⁷ / ₈	12 ³ / ₈	12 ⁷ / ₈	12 ⁷ / ₈	13 ³ / ₄
Across back shoulder width	10 ³ / ₈	10 ⁷ / ₈	11 ¹ / ₄	11 ³ / ₄	12 ¹ / ₄	12 ³ / ₄	13 ¹ / ₈	13 ¹ / ₂
Upper front chest width	9 ³ / ₈	9 ⁵ / ₈	10	10 ¹ / ₄	10 ³ / ₄	11 ¹ / ₄	11 ¹ / ₈	12
Upper Back width	9 ³ / ₄	10 ¹ / ₈	10 ¹ / ₂	11	11 ³ / ₄	12 ¹ / ₈	12 ³ / ₈	12 ⁷ / ₈
Front chest width	9 ⁷ / ₈	10	10 ³ / ₈	10 ⁷ / ₈	11 ¹ / ₄	11 ⁷ / ₈	12 ³ / ₈	13
Back width	9 ⁵ / ₈	9 ⁷ / ₈	10 ¹ / ₄	10 ⁷ / ₈	11 ¹ / ₂	11 ³ / ₄	12 ¹ / ₈	12 ³ / ₄
Chest/bust point to chest/bust point	5	5 ³ / ₈	5 ³ / ₄	6 ¹ / ₈	6 ¹ / ₄	6 ¹ / ₂	6 ⁵ / ₈	6 ³ / ₄
Neck to chest/bust point	7 ¹ / ₈	7 ¹ / ₄	7 ¹ / ₂	8	8 ⁵ / ₈	9	9 ³ / ₈	9 ³ / ₄
Chest/bust point to chest/bust point (halter)	19	19 ³ / ₈	20 ¹ / ₈	21 ³ / ₈	22 ³ / ₄	23 ³ / ₄	24 ⁵ / ₈	25 ¹ / ₂
Cervicale to wrist length	22 ³ / ₄	23 ³ / ₈	24 ¹ / ₄	25 ⁵ / ₈	27 ¹ / ₄	27 ⁷ / ₈	28 ¹ / ₈	28 ¹ / ₂
Shoulder and arm length	20 ⁵ / ₈	21 ³ / ₈	22 ¹ / ₈	23 ³ / ₈	24 ³ / ₄	25 ¹ / ₂	25 ⁵ / ₈	25 ⁷ / ₈
Arm length	17 ³ / ₈	18	18 ⁵ / ₈	20	21	21 ⁵ / ₈	21 ³ / ₄	21 ³ / ₄
Underarm length	12 ⁷ / ₈	13 ¹ / ₄	13 ⁵ / ₈	14 ¹ / ₂	15 ¹ / ₄	15 ⁵ / ₈	15 ¹ / ₂	15 ³ / ₈
Hand length	5	5 ¹ / ₄	5 ³ / ₈	5 ⁵ / ₈	5 ³ / ₄	6	6	6
Hand width	3 ³ / ₈	3 ³ / ₄	4	4 ¹ / ₈	4 ³ / ₈	4 ¹ / ₂	4 ¹ / ₂	4 ⁵ / ₈
Foot length	7 ³ / ₄	7 ⁷ / ₈	8	8 ¹ / ₄	8 ⁵ / ₈	9	9 ¹ / ₈	9 ¹ / ₈
Foot width	2 ⁵ / ₈	2 ⁷ / ₈	3	3 ¹ / ₄	3 ¹ / ₄	3 ¹ / ₄	3 ¹ / ₄	3 ¹ / ₄