

Body measurements of boys and girls from birth up to 16.9 years —

Part 2: Recommendations of body dimensions for children

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- Association for Consumer Research (ACRE)
- British Clothing Industry Association
- British Retailers' Association
- British Shops and Stores Association (BSSA)
- Child Accident Prevention Trust
- Clothing and Footwear Institute
- Co-operative Wholesale Society Ltd
- Consumer Policy Committee of BSI
- Knitting Industries Federation Ltd
- Mail Order Traders' Association
- Manchester Polytechnic, Hollings Faculty
- Ministry of Defence
- National Children's Wear Association
- Retail Consortium
- Textile Distributors Association
- Textile Research Council (HATRA)

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Foreword

This Part of BS 7231 has been prepared under the direction of the Textiles and Clothing Standards Policy Committee. A series of four size survey studies formed the basis for the data which are contained in Part 1 of BS 7231. This Part contains recommended size charts for use by garment manufacturers, derived from the data in Part 1. The measurements in these tables have been carefully selected to be of maximum use to garment manufacturers and pattern technicians. In the range from birth to 4.9 years, the measurements for both sexes are grouped together. In the range from 5 years to 16.9 years, some of the measurements are slightly different, since it was necessary to use some different points for babies, older girls and older boys. The measurements have been rounded to the nearest centimetre or 0.5 cm.

The tables are arranged under 6 cm size intervals. The six centimetre interval is also expressed in tables as approximate age spans because the average height of children increases by about 12 cm from birth to 6 months then 6 cm to 12 months, then 6 cm every 3 months until 2 years, and thereafter by an average of 6 cm per year until fully grown. This height interval is also commonly used in European countries as well as in several other countries in the world.

There are two sets of tables in this Part, each set representing a different combination of centiles, a centile being one of 99 values which divide a variable into 100 groups with equal frequency. The first set of tables uses the 50th centile for height and 50th centile for girth, these being known as the median average measurements of children in the surveys.

The second set of tables uses the 75th centile for height and the 60th centile for girth. Garments made from this set of tables will thus be longer than the average and slightly more roomy. They will tend to favour the children who are in the upper sector of each height interval, rather than those who are in the middle. This combination was chosen following detailed discussions with a wide representation of the children's retailing and manufacturing trades, who take the view that garments can usually be shortened after purchase and that it is advisable to make them slightly roomy to allow for growth.

It is stressed, however, that no matter which combination of percentiles are used, the tables give *body measurements* and not *garment measurements*. In constructing patterns, technicians should use whatever allowances they consider necessary for the style of garment they are manufacturing. It is also recommended that technicians should take care to identify the children's measurement points that are used in these tables, in case they are slightly different from those that they have used hitherto.

In addition to the tables showing body measurements, recommendations regarding labels are included. The girth recommendations are body measurements and not garment measurements. These recommendations represent the minimum required on the labels, and manufacturers are free to provide whatever additional measurements they consider advisable for each style of garment. It is strongly recommended that the information regarding sizing should be given on a sew-in label rather than on a swing ticket.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope

This British Standard gives recommendations of body dimensions for children. Recommendations concerning items of information to be used on labels are also included.

NOTE The titles of the publications referred to in this standard are listed on the inside back cover.

2 Examples of information to be used on the garment label

Examples of information on garment labels are shown in Figure 1.

NOTE The order in which the items are included on the label is of great importance. See BS 3728 which specifies the order of importance of the control dimensions.

3 Body dimensions

Body dimensions of children are given in Table 2 to Table 7. A key to the measurements taken and abbreviations used is described in Table 1.

Figure 2 to Figure 5 show the location of the relevant measurements.

Weight 8 kg Approx. age 6 months
(a) Infant's dress
Height 128 cm Chest girth 60 to 65 Approx. age 8 years
(b) Vest, jumper or jacket
Height 116 cm Waist girth 50 to 55 Approx. age 6 years
(c) Skirt or shorts

Figure 1 — Examples of information on garment labels

Table 1 — Key to the abbreviations used in all surveys

Dimension	Boys	Girls	Infants	Babies	Abbreviation
00 Age	✓	✓	✓	✓	Age
01 Weight	✓	✓	✓	✓	BWgt
10 Stature (Height)	✓	✓	✓	✓	Stat
11 Crown-Crotch				✓	CwCr
12 Cervicale-Foot		✓	✓		CeFt
20 Cervicale-Brow			✓	✓	CeBr
21 Head Arc	✓		✓	✓	HdAr
22 Head Girth		✓	✓	✓	HdGr
23 Neck Girth (at larynx)	✓	✓		✓	NkG(l)
24 Mid Neck Girth					MNGr
25 Neck Base Girth		✓	✓		NBGr
30 Short Shoulder Length		✓	✓		SSle
31 Shoulder Length (to acromiom)		<i>d</i> ^a	✓	✓	ShLe
32 Arm Scye Length		✓			ASLe
33 Arm Scye Depth				✓	ASDe
34 Arm Scye Width	✓	✓			ASWd
35 Arm Scye Girth	✓	✓	✓		ASGr
36 Interacromiom (bony shoulder width)	✓	✓	✓		InAc
37 Shoulder Breadth (fleshy)					ShBr
38 Shoulder Width	✓			✓	ShWd
40 Axillary Width (back)			✓	✓	AxW(bk)
41 Axillary Width (front)			✓	✓	AxW(fr)
42 Back Width		✓			BkWd
43 Chest Width		✓			ChWd
44 Chest Width (anthropometer)		✓			ChW(ap)
45 Bust Arc Width	✓	✓			BAWd
46 Chest Girth		✓	✓	✓	ChGr

NOTE The particular age groups in which the data were surveyed are identified above by ticks.

^a *d* = derived (calculated) measure

Table 1 — Key to the abbreviations used in all surveys

Dimension	Boys	Girls	Infants	Babies	Abbreviation
47 Under Bust Girth		✓			UBGr
48 Back Neck-Neck Point		✓			BNNP
49 Back Neck-Bust Point		✓			BNBP
50 Back Neck-Front Waist		✓	✓		BNWs
51 Front Neck-Waist		✓	✓		FNWs
52 Shoulder-Waist		✓			ShWs
53 Back Neck-Waist		✓		✓	BkLe
55 Trunk Loop				✓	TkLo
60 Crotch Arc	✓	✓	✓		CrAr
61 Waist to Crotch	<i>d</i>			<i>d</i>	WsCr
62 Waist Width		✓			WsWd
63 Waist Girth	✓	✓	✓	✓	WsGr
64 Side Seam		✓	✓		SdSm
65 Waist Height	✓			✓	WsHt
66 Waist-Hip		✓	✓		WsHp
67 High Hip Girth		✓			HHGr
68 Hip Girth	✓	✓	✓	✓	HpGr
69 Hip Width		✓			HpWd
70 Inside Leg	✓	✓	✓	<i>d</i>	InLg
71 Knee Height	✓	✓	✓		KnHt
72 Thigh Girth	✓	✓	✓	✓	ThGr
73 Knee Girth		✓			KnGr
74 Ankle Girth		✓	✓	✓	AkGr
75 Foot Length			✓	✓	FtLe
80 Elbow Length	✓	✓	✓		EILe
81 Arm Length	✓	✓	✓	✓	AmLe
82 Maximum Upper Arm Girth	✓	✓	✓	✓	MUAG
83 Wrist Girth	✓	✓	✓	✓	WrGr
90 Hand Girth		✓	✓		HnGr
91 Hand Width		✓			HnWd
92 Hand Length		✓	✓		HnLe
93 Middle Finger Length		✓			MFLe
94 Middle Finger Width		✓			MFWd

NOTE The particular age groups in which the data were surveyed are identified above by ticks.

Table 2 — Baby and infants, 56 cm to 104 cm height, 50th centile girth, 50th centile height

Dimension	: 00 Age (approximate)											
	Newborn	0-3 months	3-6 months	6-12 months	12-18 months	18-24 months	2 years	3 years	4 years			
01 Weight	3.5	5.5	8.0	9.5	11.0	12.5	92	98	104			
10 Height	56	62	68	74	80	86	53.5	—	—			
11 Crown — Crotch	37.0	41.0	43.5	46.5	49.5	52.0	74.0	79.0	84.5			
12 Cervicale — Foot	—	—	—	—	36.5	38.0	39.5	41.0	41.0			
20 Cervicale — Brow	27.5	31.0	33.0	34.5	36.5	38.0	47.5	48.5	50.0			
21 Head Arc	33.0	36.5	37.5	43.0	45.0	46.5	50.0	50.5	51.0			
22 Head Girth	38.0	42.0	44.0	46.0	48.0	50.0	24.5	25.0	25.0			
23 Neck Girth	21.5	23.0	23.5	23.5	24.0	24.5	8.0	8.5	9.0			
31 Shoulder Length	5.0	5.5	6.0	6.5	7.0	7.5	6.0	—	—			
33 Arm Scye Depth	4.0	4.5	5.0	5.0	5.5	5.5	23.0	24.0	24.5			
35 Arm Scye Girth	—	—	—	—	21.5	22.0	23.0	24.0	25.0			
40 Axillary Width (back)	15.0	16.0	18.0	19.5	20.5	21.5	22.5	23.5	24.5			
41 Axillary Width (front)	14.0	15.0	16.0	16.5	17.5	18.0	19.0	20.0	20.5			
46 Chest Girth	38.0	43.0	45.5	47.5	49.5	50.5	51.5	53.0	55.0			
51 Front Neck — Waist	—	—	—	—	20.5	21.5	22.5	23.0	24.0			
53 Back Neck — Waist	16.0	18.0	19.0	20.5	22.5	23.0	23.0	24.0	24.5			
55 Trunk Loop	62.5	69	73.5	77.0	80.0	84.0	87.0	—	—			
60 Crotch Arc	—	—	—	—	35.5	38.0	39.0	42.0	44.0			
61 Waist — Crotch	7.0	8.5	9.5	10.0	11.0	11.0	11.0	—	—			
63 Waist Girth	36.5	39.5	42.0	43.0	44.5	46.0	48.5	50.0	51.0			
65 Waist Height	26.0	30.0	34.0	38.0	42.0	45.0	48.5	—	—			
66 Waist Hip	—	—	—	—	11.0	12.0	12.5	13.0	14.0			
68 Hip Girth	34.0	41.5	44.5	47.0	49.0	50.0	52.0	54.0	56.5			
70 Inside Leg	19.0	21.5	24.5	28.0	31.0	34.0	37.5	41.0	44.5			
71 Knee Height	—	—	—	—	—	20.5	22.5	24.5	26.5			
72 Thigh Girth	19.5	24.0	26.0	27.5	28.5	29.5	30.5	31.5	33.5			
74 Ankle Girth	10.0	12.0	13.0	14.0	14.5	14.5	15.0	15.0	15.5			
75 Foot Length	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.5	16.5			
80 Elbow Length	—	—	—	—	—	16.5	17.5	18.5	19.5			
81 Arm Length	18.5	20.5	22.5	25.0	27.5	29.5	31.5	34.0	36.0			
82 Maximum Upper Arm Girth	12.0	14.0	15.0	16.0	16.5	16.5	17.0	17.0	18.0			
83 Wrist Girth	9.0	10.5	10.5	11.5	12.0	12.0	12.0	12.0	12.0			
90 Hand Girth	—	—	—	—	—	12.0	12.5	13.0	13.5			
92 Hand Length	—	—	—	—	—	10.0	10.5	11.5	12.0			

NOTE: Weights are in kilograms; all other dimensions are in centimetres.

Table 3 — Boys, 110 cm to 164 cm height, 50th centile girth, 50th centile height

Dimension	00 Age (approximate)									
	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years
10 Height	110	116	122	128	134	140	146	152	158	164
12 Cervicale — Foot	90.5	95.5	101.0	106.5	112.0	117.5	123.0	128.5	134.0	139.5
22 Head Girth	51.5	52.0	52.5	52.5	53.0	53.5	54.0	54.5	55.0	55.5
23 Neck girth (at larynx)	28.0	28.5	29.0	30.0	30.5	31.5	32.0	33.0	34.0	36.0
35 Arm Scye Girth	26.0	27.0	28.0	29.5	30.5	32.0	33.5	35.0	37.0	38.5
40 Axillary Width (back)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.5	35.0	36.5
46 Chest Girth	58.0	59.5	62.0	63.5	66.0	68.5	72.0	76.0	80.0	84.0
53 Back Neck-Waist	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	35.0	37.5
61 Waist to Crotch	17.5	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
63 Waist Girth	54.0	55.0	56.0	57.0	59.0	61.0	63.5	65.5	67.5	70.0
65 Waist Height	64.5	68.5	72.5	77.5	82.0	86.0	91.0	95.0	99.0	102.5
68 Hip Girth	57.5	60.0	62.5	65.5	68.0	71.0	74.5	78.0	80.0	84.0
70 Inside Leg	47.0	50.5	54.0	58.0	61.0	64.5	68.0	71.0	74.0	77.0
71 Knee Height	28.5	30.0	32.5	34.5	36.5	38.5	40.5	42.5	44.5	46.5
72 Thigh Girth	31.5	33.0	34.5	36.5	38.0	40.0	42.0	43.5	44.5	46.0
80 Elbow Length	22.0	23.0	24.5	25.5	27.0	28.5	30.0	31.0	32.5	34.0
81 Arm Length	35.5	37.5	39.5	42.0	44.5	46.5	49.0	51.5	54.0	56.0
82 Maximum Upper Arm Girth	17.0	17.5	18.0	18.5	19.5	20.5	21.5	22.5	23.5	24.5
83 Wrist Girth	12.0	12.0	12.5	13.0	13.0	13.5	14.0	15.0	15.5	16.0

NOTE All dimensions are in centimetres.

Table 4 — Girls, 110 cm to 164 cm height, 50th centile girth, 50th centile height

Dimensions	00 Age (approximate)									
	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years
10 Height	110	116	122	128	134	140	146	152	158	164
12 Cervicale — Foot	90.5	95.5	101.0	106.5	112.0	118.0	123.5	129.0	134.0	139.5
22 Head Girth	51.0	51.5	52.0	52.5	53.0	53.5	53.5	54.0	54.5	55.5
23 Neck girth (at larynx)	25.0	25.5	26.0	27.0	27.5	28.0	29.0	30.0	31.0	32.0
31 Shoulder Length	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	11.5	12.0
35 Arm Scye Girth	26.5	27.5	28.5	30.0	31.5	32.5	34.5	36.0	37.5	39.5
42 Back Width	23.0	24.0	24.5	25.5	26.5	28.0	29.0	30.5	32.0	33.0
43 Chest Width	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
46 Chest Girth	55.5	57.5	59.0	61.5	64.0	66.5	71.0	76.0	82.5	86.0
47 Under Bust Girth	—	—	—	—	—	—	67.5	68.5	71.5	73.0
53 Back Neck-Waist	26.0	27.0	28.0	29.0	30.5	32.0	33.5	35.5	37.5	39.0
63 Waist Girth	50.5	52.0	52.5	55.0	56.0	57.5	59.0	61.0	63.0	65.0
64 Side Seam	66.5	70.5	75.0	79.5	84.0	89.0	93.5	97.5	101.5	105.0
66 Waist-Hip	13.0	14.0	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5
67 High Hip Girth	—	—	—	—	—	—	75.0	77.0	81.0	83.5
68 Hip Girth	59.0	61.5	64.0	67.0	70.5	74.0	77.0	82.0	88.0	92.0
70 Inside Leg	48.5	51.5	55.0	59.0	62.5	66.0	69.5	72.0	74.0	76.5
71 Knee Height	28.5	30.5	32.5	34.5	36.5	38.5	40.5	41.5	43.0	44.5
72 Thigh Girth	34.5	36.0	38.0	40.0	42.0	44.0	46.0	49.0	52.0	54.0
73 Knee Girth	23.5	24.5	25.5	26.5	28.0	29.0	31.0	32.0	33.0	34.0
74 Ankle Girth	16.0	16.5	17.0	18.0	18.5	19.0	19.5	20.0	21.0	21.5
80 Elbow Length	21.0	22.0	23.0	24.5	25.5	27.0	28.5	29.5	31.0	31.5
81 Arm Length	37.5	39.0	41.5	44.0	46.0	48.5	51.0	53.5	55.5	57.5
82 Maximum Upper Arm Girth	18.0	19.0	19.5	20.5	21.5	22.5	23.5	24.0	25.5	26.5
83 Wrist Girth	12.0	12.5	12.5	13.0	13.5	14.0	14.5	14.5	15.0	15.5
91 Hand Width	6.0	6.0	6.0	6.5	6.5	7.0	7.0	7.0	7.5	7.5
92 Hand Length	12.5	13.0	13.5	14.0	14.5	15.5	16.0	16.5	17.0	17.5

NOTE All dimensions are in centimetres.

Table 5 — Baby and infants, 56 cm to 104 cm height, 60th centile girth, 75th centile height

Dimension	10 Height								
	56	62	68	74	80	86	92	98	104
11 Crown — Crotch	38.0	42.0	45.0	47.0	50.0	53.0	56.0	—	—
12 Cervicale — Foot	—	—	—	—	66.0	70.0	75.0	80.0	85.5
20 Cervicale — Brow	29.0	32.0	34.0	36.0	37.5	39.5	40.5	42.0	42.0
21 Head Arc	37.0	37.5	38.5	43.5	46.0	47.5	49.0	50.0	51.5
22 Head Girth	41.0	44.0	45.0	48.0	49.0	51.0	51.0	51.5	51.5
23 Neck girth (at larynx)	22.0	24.0	24.0	24.5	24.5	25.0	25.0	25.0	25.0
31 Shoulder Length	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
33 Arm Scye Depth	4.5	5.0	5.0	5.5	5.5	6.0	6.0	—	—
35 Arm Scye Girth	—	—	—	—	22.0	23.0	24.0	25.0	26.0
40 Axillary Width (back)	15.0	16.5	18.5	20.0	21.0	22.0	23.0	24.0	24.5
41 Axillary Width (front)	14.0	15.5	16.5	17.0	18.0	18.5	19.5	20.5	21.0
46 Chest Girth	38.5	43.5	46.0	48.0	50.0	51.0	52.0	53.5	55.5
51 Front Neck — Waist	—	—	—	—	21.0	22.0	23.0	24.0	25.0
53 Back Neck — Waist	17.0	18.5	19.5	21.5	23.0	23.5	24.0	24.5	25.5
55 Trunk Loop	64.0	71.0	75.0	78.0	82.0	86.0	89.0	—	—
60 Crotch Arc	—	—	—	—	37.0	39.0	41.0	43.0	45.0
61 Waist — Crotch	7.0	8.5	9.5	10.0	11.0	11.0	11.5	—	—
63 Waist Girth	37.0	40.5	42.5	43.5	45.0	46.5	49.0	51.0	52.0
65 Waist Height	27.0	31.0	35.0	39.0	43.0	46.0	50.0	—	—
66 Waist Hip	—	—	—	—	11.5	12.5	13.0	14.0	15.0
68 Hip Girth	36.5	42.5	46.0	48.0	50.0	51.0	53.0	55.0	58.0
70 Inside Leg	20.0	22.5	25.5	29.0	32.0	35.0	38.5	42.5	45.5
71 Knee Height	—	—	—	—	—	21.0	23.0	25.0	27.0
72 Thigh Girth	21.0	25.0	28.0	29.0	30.0	31.0	32.0	33.0	35.0
74 Ankle Girth	11.5	13.0	14.0	14.5	15.0	15.0	15.5	16.0	16.0
75 Foot Length	8.5	9.5	10.5	11.5	12.5	13.5	14.5	16.0	17.0
80 Elbow Length	—	—	—	—	—	17.0	18.0	19.0	20.0
81 Arm Length	19.0	22.0	23.5	26.0	28.0	30.5	32.5	35.0	36.5
82 Maximum Upper Arm Girth	12.5	14.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5
83 Wrist Girth	10.0	10.5	11.0	11.5	12.0	12.0	12.0	12.5	12.5
90 Hand Girth	—	—	—	—	—	12.5	13.0	13.5	14.0
92 Hand Length	—	—	—	—	—	10.5	11.0	11.5	12.0

NOTE All dimensions are in centimetres.

Table 6 — Boys, 110 cm to 164 cm height, 60th centile girth, 75th centile height

Dimension	10 Height									
	110	116	122	128	134	140	146	152	158	164
12 Cervicale — Foot	91.5	97.0	102.5	108.0	113.5	119.0	124.5	130.0	135.5	141.0
22 Head Girth	52.0	53.0	53.5	53.5	54.0	54.0	54.5	55.0	55.5	56.0
23 Neck girth (at larynx)	29.0	29.5	30.0	30.5	31.5	32.5	33.5	34.5	35.5	37.0
35 Arm Scye Girth	26.5	27.5	28.5	29.5	31.0	32.5	34.0	35.5	37.5	39.5
40 Axillary Width (back)	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0
46 Chest Girth	58.5	60.0	62.0	64.0	66.5	69.0	73.5	78.5	83.5	86.0
53 Back Neck-Waist	27.0	28.0	29.0	30.0	31.0	32.5	33.5	34.5	36.5	39.0
61 Waist to Crotch	18.5	19.5	20.0	21.0	22.0	23.0	24.5	25.0	26.5	27.0
63 Waist Girth	54.5	55.5	56.5	58.0	60.0	62.0	64.5	67.0	69.5	72.0
65 Waist Height	66.0	70.0	74.0	78.5	83.0	87.5	92.0	96.5	101.0	104.5
68 Hip Girth	58.5	61.0	63.5	66.5	69.5	72.5	76.0	79.5	82.0	85.5
70 Inside Leg	48.5	52.0	55.5	59.0	62.5	66.0	69.5	73.0	76.0	79.0
71 Knee Height	29.0	31.0	33.0	35.0	37.0	39.0	41.0	43.0	45.0	47.0
72 Thigh Girth	32.5	34.0	35.5	37.0	39.0	41.0	43.0	45.0	46.0	47.0
80 Elbow Length	23.0	24.0	25.5	26.5	28.0	29.5	31.0	32.5	34.0	35.5
81 Arm Length	36.5	38.5	41.0	43.0	45.5	48.0	50.5	53.0	55.5	58.0
82 Maximum Upper Arm Girth	17.0	17.5	18.0	18.5	19.5	20.5	21.5	22.5	23.5	24.5
83 Wrist Girth	12.5	12.5	13.0	13.0	13.5	14.0	14.5	15.0	15.5	16.0

NOTE All dimensions are in centimetres.

Table 7 — Girls, 110 cm to 164 cm height, 60th centile girth, 75th centile height

Dimension	10 Height									
	110	116	122	128	134	140	146	152	158	164
12 Cervicale — Foot	92.0	97.0	102.0	107.5	113.0	119.0	125.0	130.0	135.0	140.0
22 Head Girth	52.0	52.5	53.0	53.5	54.0	54.5	55.0	55.5	56.0	56.5
23 Neck girth (at larynx)	25.0	26.0	26.5	27.5	28.5	29.0	30.0	31.0	32.0	33.0
31 Shoulder Length	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5
35 Arm Scye Girth	27.0	28.0	29.0	30.5	32.0	33.5	35.0	36.5	38.5	40.0
42 Back Width	23.0	24.0	25.0	26.0	27.0	28.0	29.5	31.0	32.5	34.0
43 Chest Width	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5
46 Chest Girth	56.0	58.0	60.0	62.0	65.0	68.0	73.0	78.0	83.0	88.0
47 Under Bust Girth	—	—	—	—	—	—	69.0	70.0	72.0	74.0
53 Back Neck-Waist	27.0	28.0	29.0	30.0	31.5	33.0	34.5	36.5	38.5	40.5
60 Crotch Arc	48.0	50.0	52.0	54.0	56.5	59.0	61.5	64.0	67.0	70.0
63 Waist Girth	52.0	53.0	54.0	55.0	57.0	59.0	61.0	63.0	65.0	67.0
64 Side Seam	68.0	72.0	76.0	81.0	86.0	91.0	95.0	99.0	103.0	107.0
66 Waist Hip	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0
67 High Hip Girth	—	—	—	—	—	—	77.0	79.0	82.0	85.0
68 Hip Girth	60.0	63.0	66.0	69.0	72.0	75.0	79.0	84.0	89.0	94.0
70 Inside Leg	50.0	53.0	56.5	60.0	63.5	67.0	70.5	73.0	75.5	78.0
71 Knee Height	29.0	31.0	33.0	35.0	37.0	39.0	41.0	42.5	44.0	45.5
72 Thigh Girth	35.0	37.0	39.0	41.0	43.5	45.5	47.5	50.5	53.5	56.0
73 Knee Girth	24.0	25.0	26.0	27.5	29.0	30.5	31.5	32.5	33.5	35.0
74 Ankle Girth	17.0	17.0	17.5	18.0	19.0	19.0	20.0	20.0	21.0	22.0
80 Elbow Length	21.0	22.5	24.0	25.5	27.0	28.0	29.0	30.0	31.5	33.0
81 Arm Length	38.5	40.5	42.5	45.0	47.5	50.0	52.5	55.0	57.0	59.0
82 Maximum upper Arm Girth	18.5	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0
83 Wrist Girth	12.5	12.5	13.0	13.5	14.0	14.0	14.5	15.0	15.5	15.5
91 Hand Width	6.0	6.0	6.0	7.0	7.0	7.0	7.5	7.5	8.0	8.0
92 Hand Length	12.5	13.0	13.5	14.5	15.0	16.0	16.5	17.0	17.5	18.0

NOTE All dimensions are in centimetres.

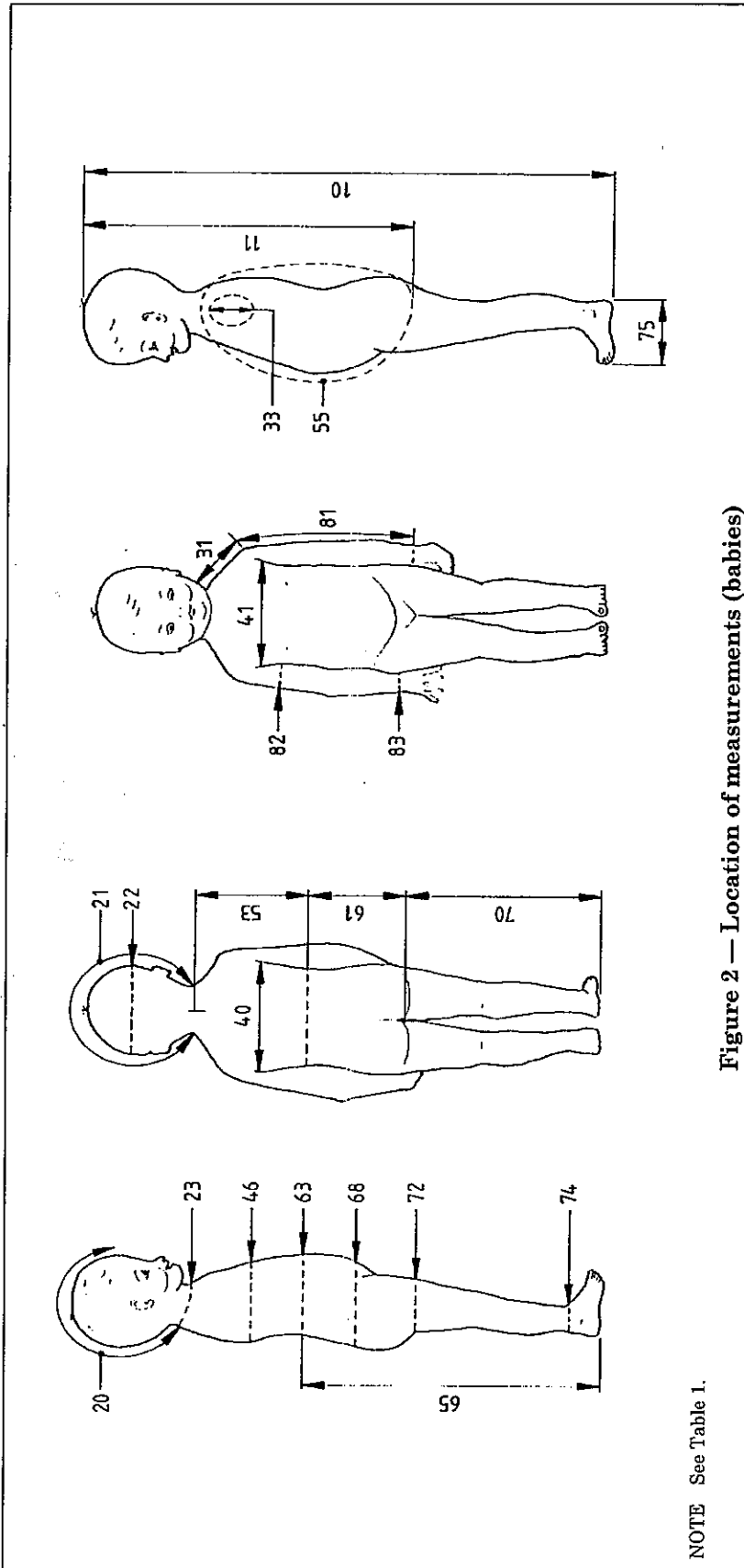


Figure 2 — Location of measurements (babies)

NOTE See Table 1.

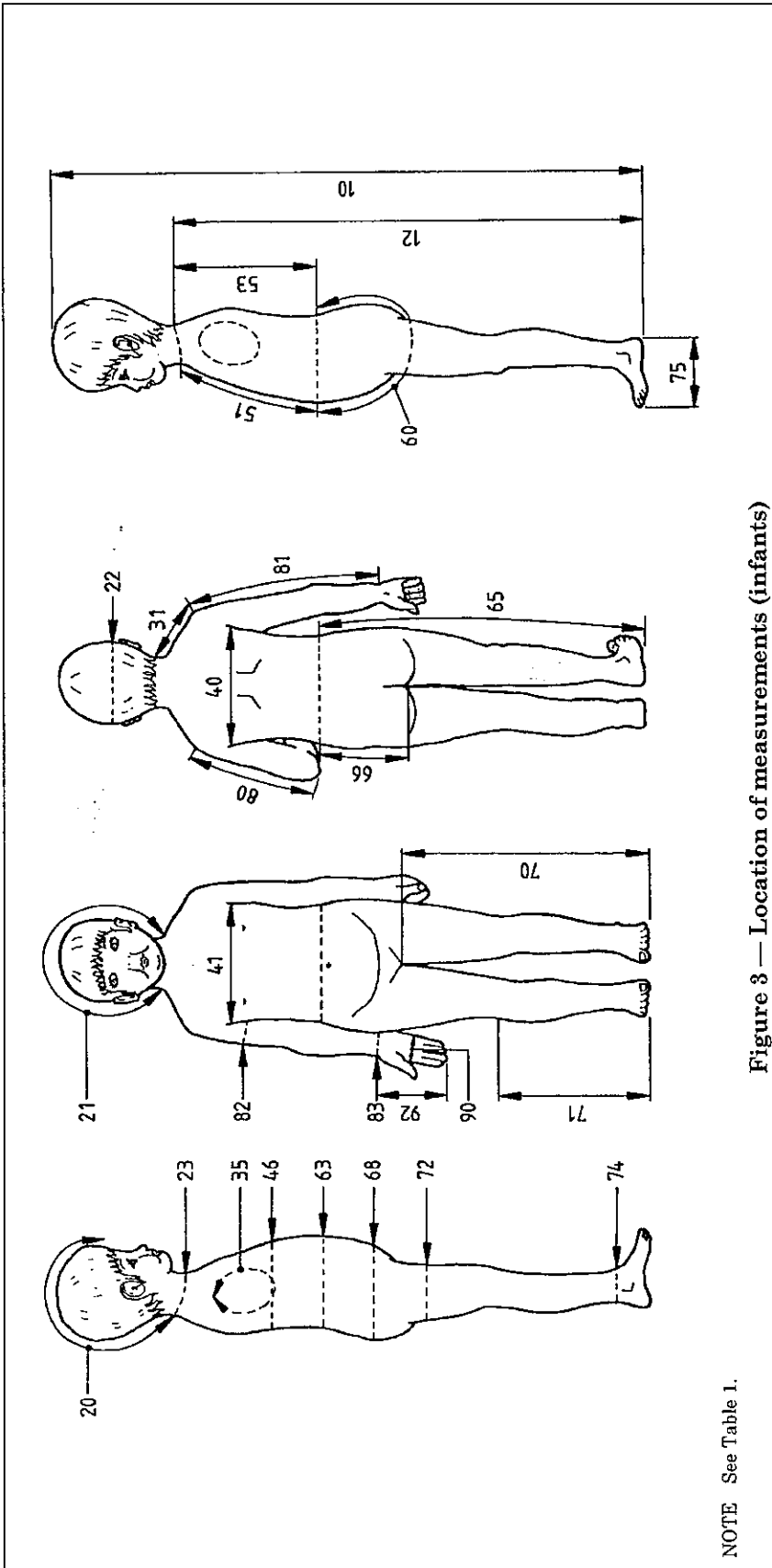


Figure 3 — Location of measurements (infants)

NOTE See Table 1.

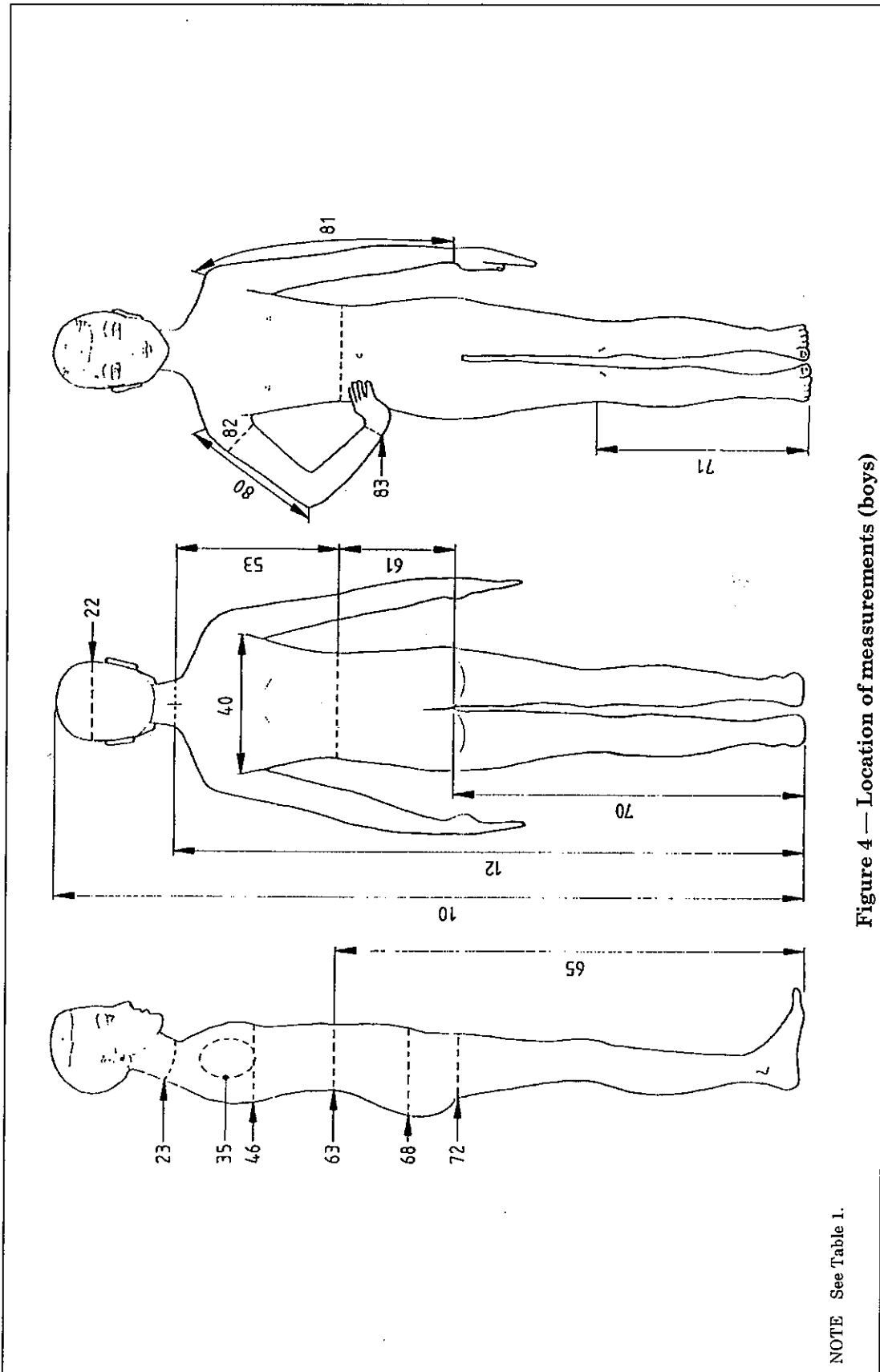
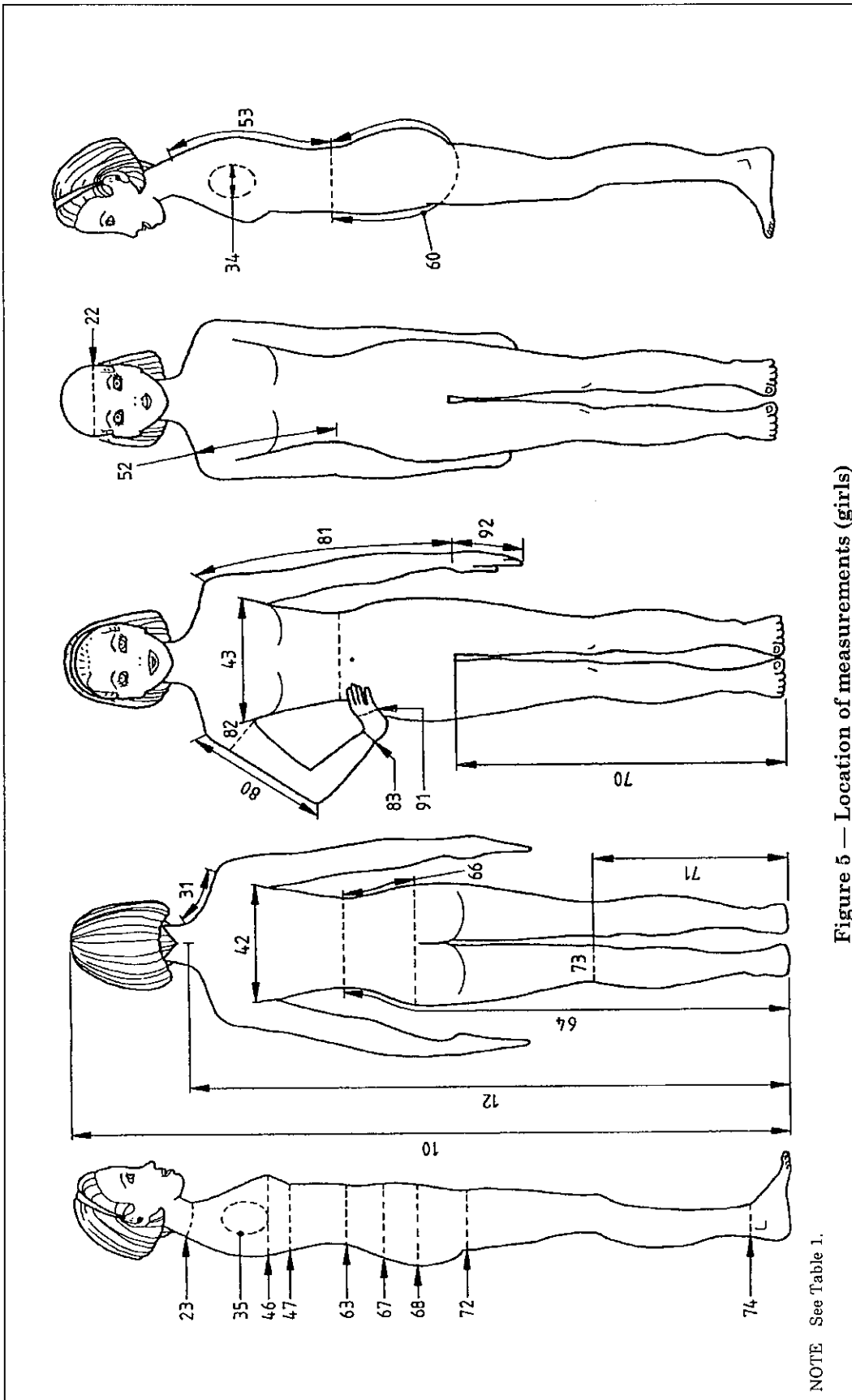


Figure 4 — Location of measurements (boys)

NOTE See Table 1.



NOTE See Table 1.

Figure 5 — Location of measurements (girls)

Publications referred to

- BS 3728, *Specification for size designation of children's and infants' wear.*
BS 7231, *Body measurements of boys and girls from birth up to 16.9 years¹⁾.*
BS 7231-1, *Information in the form of tables.*

¹⁾ Referred to in the foreword only.

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