

British Standard

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

Part 1. Information in the form of tables

Mensurations du corps des filles et garçons de la naissance à moins de 17 ans
Partie 1. Tableaux de mesure

Körpermaße für Mädchen und Jungen bis zu einem Alter von 16,9 Jahren
Teil 1. Tabellen

Foreword

This Part of BS 7231 has been prepared under the direction of the Textiles and Clothing Standards Policy Committee.

This series of four size survey studies is published as phase one of a wider project and forms the basis for the preparation of Part 2 of the standard which gives recommendations in the form of tables of standard size charts for the direct use of garment manufacturers.

The four body measurement surveys were conducted in recent years by the HUMAG Research Group from the Department of Human Sciences, University of Technology, Loughborough. The subjects measured were boys from ages 5 to 16.0 years, girls from ages 5 to 16.9 years, children from ages 2 to 4.9 years and children from birth to 1.9 years. One or more of the surveys have been funded by the following organizations, plus generous financial support from the Department of Trade and Industry for the third and fourth surveys.

Asda - MFI Group plc
Babygro Ltd.
Andrew Baron Ltd.
Boots plc
BhS plc
C & A Modes
Castleblair Ltd.
D & H Cohen Ltd.
Courtaulds Contract Childrenswear Group
Debenhams plc
I J Dewhirst plc
Empire Stores
Freemans plc
S R Gent plc
Grattan plc
Great Universal Stores
John Lewis Partnership
The Littlewoods Organization plc
Marks & Spencer plc
F Miller Ltd.
The National Children's Wear Association of Great Britain and Northern Ireland
Nottingham Manufacturing Company plc
Pasolds Ltd.
R I Racke Ltd.
Saracen Ltd.
James Seddon UK Ltd.
Slimma Group Ltd.
Tesco plc
Clifford Williams & Sons Ltd.
F W Woolworth plc

The sample is representative, as far as possible, of the population of girls and boys in Great Britain. All racial groups were measured but it did not prove possible to measure a truly representative sample of the non-Caucasian population.

The sizing of clothes, particularly with respect to the design and specification of a range of ready-to-wear items, is basically a problem in applied anthropometry. At present only the designation of clothing sizes is standardized in BS 3666, BS 3728, BS 5511, BS 5592 and BS 6185.

This British Standard is only one form in which the data are available. Other means of providing the information are in the form of a floppy disk enabling users to process the data at will and by direct contact with Loughborough Consultants Ltd., University of Technology, Loughborough, Leics. LE11 3TF, Tel. 0509 222597, who will give advice on access to the data by arrangement.

The ISO definition for 'infant' is not used in this British Standard, but the ISO height interval of 6 cm as used for labelling purposes is the basis of the tables relating to stature.

It is recognized that the schedules of measurements are not comprehensive, but there were limitations due to costs and the length of time to which individuals could be subjected to the measuring procedures.

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

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