

TECHNICAL REPORT

ISO/TR
7250-2

First edition
2010-12-15

AMENDMENT 1
2013-04-15

Basic human body measurements for technological design —

Part 2: Statistical summaries of body measurements from national populations

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AMENDMENT 1
*Définitions des mesures de base du corps humain pour la conception
technologique —*

*Partie 2: Résumés statistiques des mesurages du corps de
ISO populations nationales 1:2013*

<https://standards.iteh.ai/catalog/standards/iso/d6a9AMENDEMENT1-a753-4d8dcac900d0/iso-tr-7250-2-2010-amd-1-2013>

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

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The committee responsible for this document is ISO/TC 159, *Ergonomics*, Subcommittee SC 3, *Anthropometry and biomechanics*. Amendment 1 to ISO/TR 7250-2:2010 refines the title of ISO/TR 7250-2 in order to make clear that the statistical summaries presented by ISO/TR 7250-2 are of the *national* populations of countries whose national standards bodies are ISO members. It adds a statistical summary for the People's Republic of China, updates or corrects other national statistics and references, and provides a web address from which the most recent data can be accessed by users of ISO/TR 7250-2.

ISO 7250 consists of the following parts, under the general title *Basic human body measurements for technological design*:

- *Part 1: Body measurement definitions and landmarks*
- *Part 2: Statistical summaries of body measurements from national populations*

<https://standards.iec.ch/catalog/standards/iso/iso/7250-2:2010/Amd.1:2013>

Basic human body measurements for technological design —

Part 2: Statistical summaries of body measurements from national populations

AMENDMENT 1

Cover page and page 1

Change the part title of this part of ISO 7250 from *Statistical summaries of body measurements from individual ISO populations* to

Statistical summaries of body measurements from national populations.

Page 1, Clause 2

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Add the year of publication, 2010, to the normative reference ISO 20685.

Page 5, Clause 7

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Insert the following new Clause 7, consequently modifying the numbering of succeeding clauses/subclauses (the former Clause 7 becomes Clause 8, 7.1 becomes 8.1, etc.).

Modify the title of what now becomes Clause 8 from “Statistics for ISO member bodies” to “Statistics for ISO national members”. Throughout, delete the phrase “ISO member body” from the subclause headings (8.1, etc.), leaving the names of the actual countries.

7 Up-to-date data

An online version of this Technical Report — updated as new data becomes available (and with a text document giving the update history) — can be accessed at the following web address:

<http://standards.iso.org/iso/7250/-2/>

Page 16, Table 4 (Italy)

Delete the numerical data of line No. 33, 4.3.4, Index finger length, from the table.

Page 24, Table 9 (Korea)

Change the data in 2.1, Working age, from “18 to 55” to “18 to 60”.

Page 52

Add the following new subclause and tables between Table 16 and Annex A.

8.10 People's Republic of China

Organization: China National Institute of Standardization (CNIS)

URL: <http://www.cnis.gov.cn/>

Name of study: —

Table 17 — People's Republic of China — Database

1 Measurement		
1.1	Measured side (right/left)	Right
1.2	Measurement definitions different from those described in ISO 7250-1	4.1.11 Chest breadth standing: measured at the nipple level. 4.3.3 Hand breadth: distance between the first and the fifth metacarpal heads (Hand breadth, diagonal). 4.3.12 Head circumference: tape measure passes Glabella.
1.3	Substituted measurements	None
1.4	Number of measurements not described in ISO 7250-1	8 dimensions
2 Age range		
2.1	Working age	18 to 60 for males, 18 to 55 for female
2.2	Age range of subjects	18 to 60 for males, 18 to 55 for female
3 Background data		
3.1	Time period of examination	1986-1987
3.2	Location of examination	16 provinces in China
3.3	Survey sample	22,314
3.4	Publication	Reference [16]
4 Representativeness of the sample		
4.1	Sampling method	Stratified random cluster sampling
4.2	Information on secular change	None
5 Accuracy and reliability of measurements		
5.1	Intra- and inter-observer error rates	No information
5.2	Measurements from 3-D scanners	None
5.3	Other measurement not taken using instruments described in ISO 7250-1	None
5.4	Type of clothing	Undergarment