

TNI	Základné merania rozmerov ľudského tela na technologický návrh Časť 2: Štatistické prehľady rozmerov ľudského tela v národných populáciách (ISO/TR 7250-2: 2024)	TNI CEN ISO/TR 7250-2 83 3506
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Basic human body measurements for technological design - Part 2: Statistical summaries of body measurements from national populations (ISO/TR 7250-2:2024)

Táto technická normalizačná informácia obsahuje anglickú verziu CEN ISO/TR 7250-2:2024, ISO/TR 7250-2:2024.

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April 2024

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English Version

**Basic human body measurements for technological design
- Part 2: Statistical summaries of body measurements from
national populations (ISO/TR 7250-2:2024)**

Définitions des mesures de base du corps humain pour
la conception technologique - Partie 2: Résumés
statistiques des mesurages du corps de populations
nationales (ISO/TR 7250-2:2024)

Grundlegende menschliche Körpermaße für die
technische Planung - Teil 2: Statistische
Zusammenfassungen von Körpermaßen nationaler
Populationen (ISO/TR 7250-2:2024)

This Technical Report was approved by CEN on 9 March 2024. It has been drawn up by the Technical Committee CEN/TC 122.

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CEN ISO/TR 7250-2:2024 (E)

Contents	Page
European foreword.....	3

European foreword

This document (CEN ISO/TR 7250-2:2024) has been prepared by Technical Committee ISO/TC 159 "Ergonomics" in collaboration with Technical Committee CEN/TC 122 "Ergonomics" the secretariat of which is held by DIN.

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The text of ISO/TR 7250-2:2024 has been approved by CEN as CEN ISO/TR 7250-2:2024 without any modification.



Technical Report

ISO/TR 7250-2

Basic human body measurements for technological design —

Part 2: Statistical summaries of body measurements from national populations

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

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

**Second edition
2024-03**

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ISO/TR 7250-2:2024(en)

Contents

	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Anthropometric measurements	1
5 Statistical procedures	2
5.1 Data editing.....	2
5.2 Statistics.....	2
5.3 Population stratification.....	2
5.4 Age stratification.....	2
5.5 Body measurements for representative body forms.....	2
6 Background information	2
6.1 General.....	2
6.2 Background of database.....	2
6.2.1 Time period of measurement.....	2
6.2.2 Location of measurement.....	2
6.2.3 Demographic data.....	3
6.2.4 Publication on the anthropometric research.....	3
6.3 Representativeness of the sample.....	3
6.3.1 Sampling method.....	3
6.3.2 Information on secular change.....	3
6.4 Accuracy and reliability of measurements.....	3
6.4.1 Skill of measurers.....	3
6.4.2 Measurements from 3D scanners.....	3
7 Procedure for presenting member body statistics	3
7.1 General.....	3
7.2 Submission of data.....	4
7.3 One data set from each member body.....	4
7.4 Meeting the criteria outlined in 5.2 , 5.3 and 5.4	4
7.5 Measurement of possible errors.....	4
7.5.1 General.....	4
7.5.2 Minima and maxima.....	4
7.5.3 Percentile values.....	4
7.5.4 Standard deviation (SD).....	4
7.5.5 Comparison of mean or P50 values from member bodies.....	4
7.6 Marks on values likely to be in error.....	4
8 Statistics for ISO national members	5
8.1 General.....	5
8.2 Austria.....	5
8.3 Germany.....	5
8.4 Italy.....	9
8.5 Japan.....	15
8.6 Kenya.....	20
8.7 The Republic of Korea.....	24
8.8 The Netherlands.....	29
8.9 Thailand.....	33
8.10 The United States of America.....	37
8.11 China.....	42
8.12 India.....	46
8.13 Sweden.....	51
8.14 Brazil.....	55

ISO/TR 7250-2:2024(en)

Annex A (informative) Maximum allowable difference between values obtained by the method described in ISO 7250-1 and by other methods	61
Annex B (informative) Scan-derived data not evaluated for comparability with traditional manual measurements	62
Bibliography	68

ISO/TR 7250-2:2024(en)

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 document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 3, *Anthropometry and biomechanics*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 122, *Ergonomics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO/TR 7250-2:2010), which has been technically revised. It also incorporates the Amendment ISO/TR 7250-2:2010/Amd 1:2013.

The main changes are as follows:

- measurement item numbers have been updated to harmonize with ISO 7250-1;
- statistics for the male and female combined data have been deleted;
- data from the Republic of Korea have been updated;
- new data from Sweden and Brazil have been added;
- scan-derived data not evaluated for comparability with traditional manual measurements from Canada have been included in Annex B (informative).

A list of all parts in the ISO 7250 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

ISO/TR 7250-2:2024(en)

Introduction

Anthropometric data used for technological design have been included in many ISO product standards. However, different review cycles make it impossible for simultaneous revision of these product standards as new anthropometric data become available. This document is intended to serve as a continually updated repository of the most current national anthropometric data. It is intended to make current and updated anthropometric data available for inclusion by reference in the various ISO product standards requiring ISO 7250-1 body measurement input, wherever national specificity of design parameters is required.

Body dimensions of people have been increasing in many countries over the past few decades. The rate of increase differs from country to country. In areas experiencing significant secular change, the statistical summaries described in this document will become outdated sooner. Therefore, it is intended that statistical summaries of human body measurements described in this document be updated as new data become available.

This document provides body dimensions data for people of "working age". In order to provide practical data, the working age population is not defined and the decision is left to each country, because working age differs between countries. However, data for children under 16 years are not included.

To ensure the comparability of measurements, body dimensions in this document are measured according to ISO 7250-1. To ensure the reliability of statistical data, databases from which statistics are calculated adhere to ISO 15535:2012 and ISO 15535:2023.

Basic human body measurements for technological design —

Part 2:

Statistical summaries of body measurements from national populations

1 Scope

This document provides statistical summaries of body measurements measured according to ISO 7250-1, together with database background information for working age people prepared according to ISO 15535:2012 in the national populations of individual ISO member bodies. This document also describes the process of the measurement and preparation of statistical summaries.

2 Normative references

There are no normative references in this document.

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