
General requirements for establishing anthropometric databases

*Exigences générales pour la création de bases de données
anthropométriques*



Reference number
ISO 15535:2012(E)

© ISO 2012



COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Data collection design	2
4.1 General.....	2
4.2 Definitions, techniques and conditions of measurement.....	2
4.3 Sampling techniques.....	3
5 Data collection requirements	3
5.1 Basic demographic description of subjects.....	3
5.2 Detection and treatment of measurement errors.....	3
5.3 Instrument accuracy.....	3
5.4 Sample composition.....	3
5.5 Sample size.....	3
5.6 Data-storage system.....	4
5.7 Type of clothing.....	4
5.8 Measurer training and quality control.....	4
6 Database format	4
7 Database contents	5
7.1 Required background data.....	5
7.2 Recommended background data.....	5
7.3 Anthropometric data.....	5
7.4 Complementary data.....	5
8 Anthropometric data sheets	5
9 Statistical processing	5
Annex A (normative) Method for estimating the number of subjects needed on a sample	7
Annex B (normative) Anthropometric data sheet	10
Annex C (informative) Example of anthropometric data sheet	11
Annex D (informative) Method of calculating decimal-notation date and age	13
Annex E (normative) Age stratification at specified growth period	16
Annex F (normative) Procedure for preparing data and statistics	17
Annex G (informative) Recommended scientific and technical objectives for setting up internationally compatible databases	19
Annex H (informative) Application of measurements	20
Annex I (informative) Sample database format	21
Bibliography	22