

PD ISO/TR 17755:2014



BSI Standards Publication

Fire safety — Overview of national fire statistics practices

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National foreword

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A list of organizations represented on this committee can be obtained on request to its secretary.

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Fire safety — Overview of national fire statistics practices

*Sécurité incendie — Aperçu général sur les pratiques nationales de
collecte de données sur les incendies*



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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 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 92, *Fire safety*.

Introduction

This Technical Report assembles data on national fire statistics practices. Such practices are highly relevant to the estimation of model parameters in standards developed by ISO/TC 92. In the absence of any proposals for international standards on such practices, it is useful to ISO/TC 92 to have an overview of existing practices and their implications for existing fire statistical data.

This Technical Report is an overview of national fire statistics practices. A general call was issued to all nations participating in ISO/TC 92, and 10 countries completed a survey instrument prepared and distributed by TG1 of ISO/TC 92, WG 8:

- Australia
- Canada
- China
- France
- Japan
- Kenya
- (Republic of) Korea
- Russia
- United Kingdom
- USA

The survey instrument is included as [Annex A](#).

In this Technical Report, the analysis is organized into four sections:

- Basic Aspects of Data Collection and Analysis ([Clauses 1 to 7](#))
- General Characteristics of Fires ([Clauses 8 to 10](#))
- Characteristics Related to Cause of Ignition ([Clauses 11 to 20](#))
- Characteristics Related to Mitigation of Fire Severity ([Clauses 21 to 25](#))

There is no analysis of Question 11c on three types of equipment used by fire departments (fire brigades), because there were too few responses for any meaningful analysis. There is no Question 13 due to a numbering error. There is no analysis of Question 15, which contained two general questions inviting uncoded responses on matters not covered in the survey.

[Annex B](#) is reserved for references, including published coding manuals for fire reporting for those nations that publish such manuals and websites providing national statistics and related analyses for many countries.