



BSI Standards Publication

Fire safety — Overview of national fire statistics practices

National foreword

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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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Contents

Page

Foreword	v
Introduction	vi
1 Methods of estimation (Questions 1-3)	1
1.1 Summary comments on methods of estimation.....	1
1.2 Methods of estimation by country.....	1
2 Fires subject to reporting (Question 4)	2
2.1 Summary comments on fires subject to reporting.....	3
2.2 Fires subject to reporting by country.....	3
3 Fire deaths subject to reporting (Question 5)	5
3.1 Summary comments on fire deaths subject to reporting.....	5
3.2 Fire deaths subject to reporting by country.....	6
4 Fire injuries subject to reporting (Question 6)	8
4.1 Summary comments on fire injuries subject to reporting.....	8
4.2 Fire injuries subject to reporting by country.....	8
5 Victim characteristics (Question 12)	10
5.1 Summary comments on victim characteristics.....	10
5.2 Recording of victim characteristics, by country.....	10
6 Property damage subject to reporting (Question 7)	25
6.1 Summary comments on property damage subject to reporting.....	25
6.2 Property damage subject to reporting by country.....	25
7 Other losses subject to reporting (Question 8)	29
7.1 Summary comments on other losses subject to reporting.....	29
7.2 Other losses subject to reporting by country.....	29
8 Location of fire (Question 9)	31
8.1 Summary comments on location of fire.....	31
8.2 Location of fire by country.....	31
9 Type of construction (Questions 11a/first entry, 11b/second entry)	51
9.1 Summary comments on type of construction.....	51
9.2 Recording of type of construction, by country.....	51
10 Other fire characteristics (Question 14)	53
10.1 Summary comments on selected other fire characteristics.....	53
10.2 Recording of building height and other building characteristics, by country.....	53
11 Deliberately set fires and playing with fire (Questions 10a/first entry, 10b, and 10c/second entry)	54
11.1 Summary comments on estimation of deliberate fires and fireplay fires.....	54
11.2 Recording of deliberate fires and fireplay incidents, by country.....	55
12 Natural cause (Questions 10a/second entry)	60
12.1 Summary comments on estimation of natural cause fires.....	60
12.2 Recording of natural cause fires, by country.....	60
13 Exposure (Questions 10a/third entry)	61
13.1 Summary comments on estimation of exposure fires.....	61
13.2 Recording of exposure fires, by country.....	61
14 Heat sources Cigarettes and other smoking materials, including lighting implements (Questions 10a/third entry and 10c/second, third, thirteenth and fourteenth entries)	62
14.1 Summary comments on estimation of fires started by cigarettes or other smoking materials, including lighting implements.....	62
14.2 Recording of cigarette or other smoking material or lighting implement fires, by country.....	63

15	Equipment involved in ignition Heating and cooling equipment (Questions 10a/fifth entry and 10c/fourth and fifth entries)	66
15.1	Summary comments on estimation of fires involving heating or cooling equipment	66
15.2	Recording of heating and cooling fires, by country.....	66
16	Equipment involved in ignition Cooking and other kitchen equipment (Questions 10a/fifth entry and 10c/sixth and seventh entries)	69
16.1	Summary comments on estimation of fires involving cooking or other kitchen equipment.....	69
16.2	Recording of cooking and other kitchen equipment fires, by country	70
17	Equipment involved in ignition Clothes dryer (Questions 10a/fifth entry and 10c/twelfth entry)	73
17.1	Summary comments on estimation of fires involving clothes dryers	73
17.2	Recording of clothes dryer fires, by country.....	74
18	Equipment involved in ignition . Entertainment equipment (Questions 10a/fifth entry and 10c/tenth entry)	75
18.1	Summary comments on estimation of fires involving entertainment equipment.....	75
18.2	Recording of entertainment equipment fires, by country.....	75
19	Equipment involved in ignition Office equipment (Questions 10a/fifth entry and 10c/eleventh entry)	77
19.1	Summary comments on estimation of fires involving office equipment.....	77
19.2	Recording of office equipment fires, by country.....	78
20	Other characteristics of fires related to cause of ignition (Questions 10a/fifth through tenth entries and 10c/eighth and ninth entries)	79
20.1	Summary comments on estimation of other characteristics of fires.....	79
20.2	Recording of other characteristics of fires, by country.....	80
21	Sprinklers and other extinguishing equipment (Question 11a/first entry)	112
21.1	Summary comments on sprinklers and other extinguishing equipment.....	112
21.2	Recording of sprinklers and other extinguishing equipment, by country.....	112
22	Detection and alarm equipment (Question 11a/second entry)	117
22.1	Summary comments on detection and alarm equipment.....	117
22.2	Recording of detection and alarm equipment, by country.....	117
23	Fire extinguishers and other manual extinguishing equipment (Question 11a/third entry)	124
23.1	Summary comments on fire extinguishers and other manual extinguishing equipment.....	124
23.2	Recording of fire extinguishers and other manual extinguishing equipment, by country.....	125
24	Smoke management and control equipment (Question 11a/fourth entry)	126
24.1	Summary comments on smoke management and control equipment.....	126
24.2	Recording of smoke management and control equipment, by country.....	127
25	Fire doors, fire walls and other elements of compartmentation (Question 11b/second entry)	127
25.1	Summary comments on fire doors, fire walls and other elements of compartmentation.....	127
25.2	Recording of fire doors, fire walls, and other elements of compartmentation, by country.....	127
Annex A	(informative) Survey Instrument: ISO/TC 92/WG 8 survey — National definitions and practices — Data collection regarding incidents of fire	130
Annex B	(informative) References and Resources	139
Annex C	(informative) Additional Detail on Coding in Japan	140

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 11 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.