ISO/TR 17755:2014-04 (E)

Fire safety - Overview of national fire statistics practices

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) **3**
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 (Question 11b/first 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/first 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**