

**FINNISH RESCUE SERVICES'
POCKET STATISTICS 2011-2015**

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CONTENTS

| | | |
|---|-------------------------------------|----|
| 1 | INTRODUCTION | 1 |
| 2 | RESCUE SERVICE SYSTEM AND RESOURCES | 2 |
| 3 | ACCIDENT PREVENTION | 8 |
| 4 | RESCUE OPERATIONS | 10 |
| 5 | ACCIDENT DAMAGES | 28 |
| 6 | RESCUE OPERATIONS | 31 |

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1 INTRODUCTION

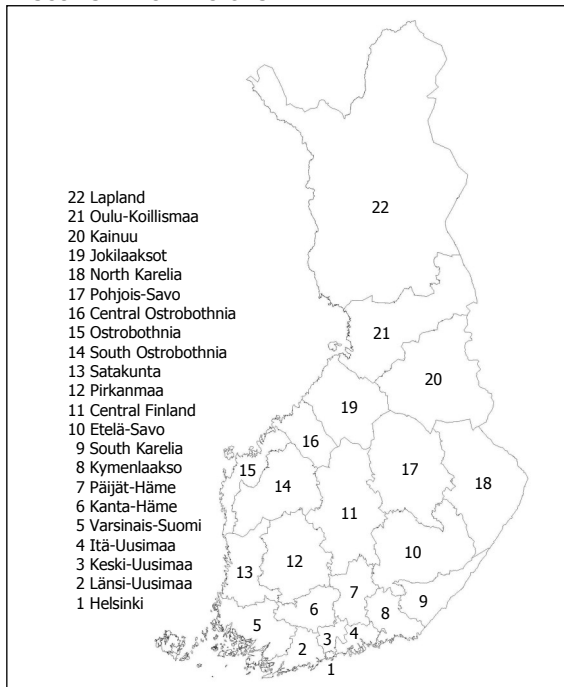
In Finland, the responsibility for the functions of rescue services is divided between 22 rescue service regions. The rescue services on the Åland Islands are regulated by regional legislation. The functions of rescue service regions include accident prevention, rescue operations and civil defence, etc.

The pocket statistics is based on the data in the rescue services resource and accident statistics program (PRONTO) from 2011–2015, unless indicated otherwise. PRONTO is maintained by the regional rescue departments. The data in the statistics were gathered directly from PRONTO without a nationwide check.

In the statistics rescue operations refer to those incidents when a fire brigade was alerted by an emergency response centre, excluding ambulance service. The number of building fires includes the number of risk of building fires. The data related to rescue operations have been tabulated in PRONTO based on the primary type of an emergency. The secondary types of emergencies have been counted into those tables which deal with accidents, causes for automatic fire calls and property damages. Separate missing data have not been included in the tables. All this should be taken into consideration when comparing the data presented in the tables.

2 RESCUE SERVICE SYSTEM AND RESOURCES

RESCUE SERVICE REGIONS



RESCUE SERVICE REGIONS POPULATION AND SURFACE AREA IN 2015

| | Popula- tion* | Surface Area (km ²) | Risk Squares by Risk Class | | | | Land Area (km ²) |
|----------------------|------------------|---------------------------------------|----------------------------|--------------|--------------|----------------|------------------------------------|
| | | | I | II | III | IV | |
| Helsinki | 622 240 | 716 | 119 | 56 | 21 | 526 | 213 |
| Länsi-Uusimaa | 448 334 | 7 187 | 45 | 240 | 152 | 7 508 | 3 653 |
| Keski-Uusimaa | 438 554 | 1 986 | 66 | 240 | 100 | 1 579 | 1 940 |
| Itä-Uusimaa | 96 148 | 3 840 | 3 | 38 | 78 | 5 429 | 1 926 |
| Varsinais-Suomi | 471 172 | 20 437 | 33 | 236 | 280 | 20 088 | 10 561 |
| Kanta-Häme | 175 463 | 5 706 | 13 | 99 | 127 | 5 464 | 5 200 |
| Päijät-Häme | 202 132 | 6 059 | 16 | 144 | 87 | 6 041 | 4 947 |
| Kymenlaakso | 179 982 | 7 417 | 11 | 125 | 126 | 7 254 | 5 113 |
| South Karelia | 131 822 | 6 464 | 3 | 90 | 107 | 7 164 | 4 951 |
| Etelä-Savo | 151 635 | 16 402 | 7 | 93 | 94 | 18 537 | 12 389 |
| Central Finland | 275 418 | 19 952 | 13 | 152 | 210 | 19 576 | 16 706 |
| Pirkanmaa | 503 630 | 14 050 | 29 | 259 | 261 | 13 906 | 12 084 |
| Satakunta | 222 153 | 10 802 | 10 | 168 | 179 | 11 338 | 7 181 |
| South Ostrobothnia | 193 489 | 13 691 | 3 | 127 | 158 | 13 711 | 13 147 |
| Ostrobothnia | 149 889 | 15 733 | 8 | 65 | 160 | 16 128 | 6 424 |
| Central Ostrobothnia | 100 206 | 8 466 | 6 | 56 | 66 | 8 387 | 5 960 |
| Pohjois-Savo | 244 754 | 17 823 | 17 | 115 | 142 | 20 070 | 14 636 |
| North Karelia | 165 339 | 21 001 | 5 | 104 | 106 | 21 550 | 17 376 |
| Jokilaaksot | 122 696 | 16 767 | 2 | 69 | 108 | 17 792 | 13 012 |
| Kainuu | 79 280 | 24 453 | 2 | 51 | 61 | 24 488 | 21 503 |
| Oulu-Koillismaa | 282 737 | 23 813 | 14 | 145 | 156 | 25 957 | 20 120 |
| Lapland | 181 815 | 100 368 | 5 | 100 | 169 | 101 126 | 92 663 |
| Total | 5 438 888 | 363 133 | 430 | 2 772 | 2 948 | 373 619 | 291 705 |

*Population 31.12.2014

NUMBER OF FIRE STATIONS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|------|------|------|------|------|
| Fire Stations within Rescue Service | 363 | 366 | 366 | 370 | 367 |
| Contract Fire Brigades | 569 | 530 | 521 | 523 | 523 |
| Industrial, Institutional Fire Brigades | 107 | 106 | 108 | 105 | 98 |

RESCUE SERVICE VEHICLES

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------------------|-------|-------|-------|-------|-------|
| Fire Engine | 1 139 | 1 120 | 1 101 | 1 090 | 1 086 |
| Lightweight Fire Truck | 36 | 31 | 31 | 33 | 33 |
| Water Tender | 540 | 525 | 519 | 517 | 508 |
| Ladder Unit, Hydraulic Platform Truck | 86 | 86 | 84 | 84 | 80 |
| Heavy Rescue Unit | 41 | 43 | 46 | 48 | 45 |
| Gear Truck | 89 | 78 | 95 | 90 | 89 |
| Foam Tender, Dry Powder Appliance | 56 | 54 | 57 | 58 | 56 |
| Damage Control Tender | 26 | 25 | 24 | 23 | 25 |
| Hazardous Materials Unit | 10 | 10 | 12 | 14 | 15 |
| Incident Command, Control Unit | 286 | 239 | 237 | 234 | 197 |
| Personnel Carrier | 720 | 719 | 725 | 742 | 753 |
| Rescue Diving Appliance | 28 | 27 | 27 | 28 | 27 |
| Other Rescue Service Vehicle | 78 | 77 | 82 | 89 | 88 |
| Snowmobile | 202 | 203 | 204 | 203 | 208 |
| ATV (all-terrain vehicle), Track | 218 | 241 | 252 | 269 | 277 |
| Boat | 675 | 693 | 695 | 704 | 725 |
| Other Vessel | 110 | 101 | 100 | 92 | 81 |
| EMS Vehicle* | 289 | 281 | 272 | 252 | 244 |
| Other Vehicle | - | - | 493 | 470 | 494 |
| Trailer | 95 | 95 | 95 | 97 | 99 |
| Container | 83 | 85 | 94 | 97 | 98 |

* EMS Vehicles of Fire Departments

RESCUE DEPARTMENTS FINANCIAL* 2015 (€/Inhabitant)

| | Contributions of Municipalities Excluding Rent and Depreciation Costs | Investments | Expenditure Excluding Deprecia- tion Costs | Revenue Excluding Contribu- tions of Municipa- lities |
|----------------------|--|-------------|---|--|
| Helsinki | -9 | 12 | 63 | 6 |
| Länsi-Uusimaa | 54 | 4 | 64 | 2 |
| Keski-Uusimaa | 51 | 5 | 57 | 3 |
| Itä-Uusimaa | 94 | 14 | 95 | 5 |
| Varsinais-Suomi | 60 | 6 | 68 | 4 |
| Kanta-Häme | 55 | 6 | 60 | 5 |
| Päijät-Häme | 71 | 4 | 83 | 4 |
| Kymenlaakso | 77 | 12 | 86 | 5 |
| South Karelia | 74 | 23 | 86 | 4 |
| Etelä-Savo | 77 | 5 | 82 | 3 |
| Central Finland | 67 | 5 | 77 | 4 |
| Pirkanmaa | 61 | 3 | 67 | 2 |
| Satakunta | 77 | 7 | 93 | 4 |
| South Ostrobothnia | 66 | 4 | 82 | 3 |
| Ostrobothnia | 62 | 5 | 70 | 5 |
| Central Ostrobothnia | 72 | 9 | 72 | 5 |
| Pohjois-Savo | 61 | 4 | 74 | 4 |
| North Karelia | 64 | 3 | 75 | 7 |
| Jokilaaksot | 76 | 6 | 92 | 5 |
| Kainuu | 81 | 5 | 89 | 3 |
| Oulu-Koillismaa | 54 | 6 | 60 | 4 |
| Lapland | 76 | 8 | 91 | 5 |

*EMS information not been included

RESCUE DEPARTMENTS FINANCIAL* (MEUR)

| | 2011 | 2012 | 2013 | 2014 ¹ | 2015 |
|-----------------|------|------|------|-------------------|------|
| Revenue | 26 | 18 | 23 | 20 | 22 |
| Expenditure | 387 | 389 | 395 | 382 | 394 |
| Personnel Costs | 253 | 268 | 268 | 256 | 263 |
| Net Expenditure | 366 | 378 | 377 | 362 | 351 |
| Investments | 15 | 10 | 15 | 19 | 22 |

*EMS information not been included, Reference: ¹Rescue Departments Partnership Network

RESCUE SERVICES PERSONNEL

| | 2013 |
|---|--------|
| Full-time Employees of Rescue Departments | 5 423 |
| Contract Fire Brigade Personnel* | 12 462 |
| Ministry of the Interior, Department of Rescue ² | 38 |
| Emergency Services College ³ | 139 |
| Regional State Administrative Agencies, Department of Rescue ⁴ | 32 |

* Helsinki information is missing, References: ²Ministry of the Interior, ³Emergency Services College, ⁴Regional State Administrative Agencies

RESCUE SERVICES* FULL-TIME EQUIVALENT

| | 2015 |
|----------------------------------|--------------|
| Administrative, Support Services | 359 |
| Safety Services | 305 |
| Emergency Medical Services | 1 564 |
| Rescue Services | 3 380 |
| Total | 5 608 |

* Full-time employee. Helsinki, Central Ostrobothnia and Jokilaaksot information is missing

PERSONNEL OF RESCUE DEPARTMENTS 2015

| | Full-time Personnel | | | Contract Personnel | | |
|----------------------|---------------------|------------------------|----------------------|---------------------------|-----------------|---------------------------|
| | Total | Rescue Services, Women | Rescue Services, Men | Performance Test Approved | Rescue Services | Performance Test Approved |
| Helsinki | 643 | 2 | 432 | 387 | - | - |
| Länsi-Uusimaa | 430 | 0 | 303 | 252 | 827 | 331 |
| Keski-Uusimaa | 465 | 8 | 305 | 243 | 579 | 54 |
| Itä-Uusimaa | 146 | 0 | 75 | 62 | 450 | 118 |
| Varsinais-Suomi | 427 | 3 | 219 | - | 1 807 | - |
| Kanta-Häme | 244 | 0 | 140 | 99 | 344 | - |
| Päijät-Häme | 262 | 0 | 188 | 148 | 515 | 137 |
| Kymenlaakso | 207 | 0 | 141 | 121 | 1 019 | 222 |
| South Karelia | 109 | 0 | 90 | 50 | 530 | 84 |
| Etelä-Savo | 180 | 2 | 110 | 59 | 496 | 85 |
| Central Finland | 297 | 2 | 165 | 111 | 937 | 293 |
| Pirkanmaa | 612 | 9 | 440 | 242 | 914 | 161 |
| Satakunta | 242 | 0 | 168 | 130 | 1 065 | 140 |
| South Ostrobothnia | 119 | 1 | 102 | 79 | 862 | 278 |
| Ostrobothnia | 179 | 1 | 78 | 60 | 902 | - |
| Central Ostrobothnia | 115 | - | - | 58 | 401 | 66 |
| Pohjois-Savo | 257 | 0 | 172 | 176 | 590 | 163 |
| North Karelia | 257 | 1 | 128 | 150 | 536 | 100 |
| Jokilaaksot | 12 | 1 | 85 | - | 507 | - |
| Kainuu | 67 | 1 | 55 | 40 | 142 | 62 |
| Oulu-Koillismaa | 370 | 1 | 172 | 140 | 374 | 94 |
| Lapland | 156 | 0 | 132 | 70 | 1 472 | 180 |

3 ACCIDENT PREVENTION

SAFETY EDUCATION

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|-------------------------|---------|---------|---------|---------|---------|
| Events | 12 185 | 12 124 | 11 705 | 11 219 | 11 080 |
| Participants | 808 252 | 897 099 | 894 765 | 857 785 | 882 362 |
| Share of Population (%) | 15 | 17 | 17 | 16 | 16 |

SAFETY EDUCATION EVENTS BY TYPE OF IMPLEMENTATION

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|----------------------------------|-------|-------|-------|-------|-------|
| Safety Information Campaigns | 1 014 | 674 | 674 | 654 | 616 |
| Fairs, Other Public Events | 1 579 | 1 388 | 1 533 | 1 588 | 1 680 |
| Safety Training | 9 513 | 8 305 | 7 791 | 7 083 | 7 049 |
| Safety Advicing | 14 | 1 716 | 1 666 | 1 829 | 1 711 |
| Safety Information through Media | 60 | 41 | 41 | 65 | 24 |

SAFETY EDUCATION EVENTS BY TARGET GROUP

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|------------------------------------|-------|-------|-------|-------|-------|
| Citizens, Public Servants | 7 575 | 7 301 | 7 368 | 7 253 | 7 257 |
| Children, the Young | 5 056 | 5 041 | 4 873 | 4 833 | 4 814 |
| Public Servants, Trustees | 331 | 265 | 205 | 216 | 191 |
| Companies, Institutions | 3 762 | 3 818 | 3 665 | 3 368 | 3 297 |
| Personnel in Care Institution | 1 760 | 1 883 | 1 806 | 1 629 | 1 601 |
| Personnel in Education Institution | 329 | 318 | 365 | 385 | 355 |
| Personnel in Day Care Center | 311 | 314 | 317 | 338 | 342 |
| Civil Defence Organisations | 70 | 42 | 53 | 47 | 16 |
| Other Target Group | 772 | 627 | 618 | 548 | 508 |

FIRE INSPECTIONS

| | 2012 | 2013 | 2014 | 2015 |
|--|---------|--------|--------|--------|
| Total Number of Buildings | 103 222 | 50 318 | 48 630 | 45 122 |
| Total Number of Inspections | 84 587 | 45 343 | 44 112 | 38 512 |
| A1 Building in Use 24/7 | 8 404 | 4 574 | 4 546 | 4 403 |
| A2 Education Building, Day Care Center | 4 360 | 3 897 | 4 018 | 3 821 |
| A3 Assembly, Commercial Building | 6 049 | 5 003 | 5 406 | 5 919 |
| A4 Production, Storage Building | 6 076 | 6 227 | 5 983 | 5 724 |
| A5 Agricultural Building | 2 720 | 2 762 | 2 744 | 2 715 |
| A6 Other Annually Inspected | 3 599 | 2 920 | 3 277 | 2 898 |
| Residential Building | 48 013 | 19 279 | 17 752 | 12 883 |
| Free-time Residence | 5 366 | 681 | 386 | 149 |
| Inspection-% | 83 | 90 | 100 | 98 |

DOCUMENT AUDITING

| | 2012 | 2013 | 2014 | 2015 |
|--|--------|--------|--------|--------|
| Self-Inspection Checklists | 21 632 | 56 480 | 68 070 | 78 084 |
| Returning-% | 74 | 78 | 85 | 84 |
| Rescue Plans | 2 642 | 2 500 | 1 952 | 1 313 |
| Rescue Plans for Events | 1 409 | 2 003 | 2 397 | 2 217 |
| Documents of Technical Fire Safety Installations | 3 412 | 3 252 | 4 226 | 4 296 |
| Other Document Auditing | 1 976 | 3 009 | 4 236 | 2 717 |
| Total | 31 071 | 67 244 | 80 881 | 88 627 |

4 RESCUE OPERATIONS

RESCUE OPERATIONS BY TYPE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--|----------------|----------------|----------------|---------------|---------------|
| Fires | 14 737 | 11 803 | 13 421 | 14 027 | 11 223 |
| Building Fire | 6 013 | 5 906 | 5 727 | 5 958 | 5 211 |
| Risk of Building Fire | 3 470 | 3 493 | 3 386 | 3 665 | 3 201 |
| Vehicle Fire | 2 478 | 2 277 | 2 335 | 2 142 | 2 200 |
| Wildfire | 2 770 | 1 011 | 2 764 | 3 511 | 1 581 |
| Other Fire | 3 476 | 2 609 | 2 595 | 2 416 | 2 231 |
| Other Accidents | 16 604 | 16 933 | 15 876 | 16 579 | 16 940 |
| Traffic Accident | 13 630 | 14 163 | 13 140 | 13 725 | 14 107 |
| Oil Spill | 2 532 | 2 371 | 2 330 | 2 427 | 2 410 |
| Hazardous Material Accident | 317 | 319 | 344 | 387 | 378 |
| Explosion, Risk of Explosion | 26 | 31 | 24 | 18 | 15 |
| Collapse, Risk of Collapse | 99 | 49 | 38 | 22 | 30 |
| Other Operations | 83 816 | 72 926 | 75 552 | 68 468 | 71 510 |
| Fire Alarm System Check or Inspection | 21 382 | 20 076 | 19 033 | 18 076 | 17 500 |
| Smoke Alarm System Check or Inspection | 2 380 | 2 625 | 2 133 | 2 918 | 2 482 |
| Other Check or Inspection | 9 117 | 7 873 | 8 649 | 9 351 | 8 816 |
| First Response | 28 599 | 26 774 | 26 226 | 21 156 | 21 094 |
| Human Rescue | 2 223 | 2 193 | 2 425 | 2 529 | 2 467 |
| Animal Rescue | 2 019 | 1 859 | 2 090 | 2 146 | 2 380 |
| Loss Prevention | 13 502 | 7 025 | 10 226 | 7 105 | 11 027 |
| Assistance | 3 351 | 3 421 | 3 471 | 3 827 | 4 332 |
| Executive Assistance | 1 243 | 1 080 | 1 299 | 1 360 | 1 412 |
| Total | 115 157 | 101 662 | 104 849 | 99 074 | 99 673 |

RESCUE OPERATIONS BY RESCUE SERVICE REGION

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|----------------------|--------|--------|--------|--------|--------|
| Helsinki | 9 470 | 8 171 | 8 391 | 8 143 | 8 408 |
| Länsi-Uusimaa | 8 013 | 6 497 | 7 151 | 6 610 | 6 780 |
| Keski-Uusimaa | 7 381 | 6 521 | 6 631 | 6 403 | 6 650 |
| Itä-Uusimaa | 2 087 | 1 900 | 1 928 | 1 961 | 2 128 |
| Varsinais-Suomi | 10 302 | 8 140 | 8 759 | 7 894 | 7 777 |
| Kanta-Häme | 4 115 | 3 831 | 3 717 | 3 610 | 3 658 |
| Päijät-Häme | 4 400 | 4 328 | 4 028 | 3 876 | 3 914 |
| Kymenlaakso | 4 346 | 3 911 | 3 384 | 3 449 | 3 225 |
| South Karelia | 2 968 | 2 897 | 2 630 | 2 551 | 2 498 |
| Etelä-Savo | 4 001 | 3 673 | 3 575 | 3 255 | 3 349 |
| Central Finland | 6 244 | 5 383 | 5 928 | 5 415 | 5 364 |
| Pirkanmaa | 11 378 | 11 619 | 10 265 | 10 136 | 10 308 |
| Satakunta | 6 415 | 4 904 | 5 395 | 4 967 | 4 782 |
| South Ostrobothnia | 5 829 | 5 131 | 5 677 | 3 930 | 4 131 |
| Ostrobothnia | 2 984 | 2 819 | 3 312 | 2 619 | 2 455 |
| Central Ostrobothnia | 2 395 | 2 340 | 2 714 | 2 010 | 1 897 |
| Pohjois-Savo | 5 504 | 4 547 | 4 936 | 5 126 | 5 322 |
| North Karelia | 4 221 | 3 732 | 3 588 | 3 823 | 3 755 |
| Jokilaaksot | 2 808 | 2 160 | 2 754 | 2 725 | 3 009 |
| Kainuu | 1 496 | 1 277 | 1 519 | 1 784 | 1 600 |
| Oulu-Koillismaa | 4 444 | 3 784 | 4 324 | 4 331 | 4 464 |
| Lapland | 4 364 | 4 097 | 4 237 | 4 450 | 4 187 |
| Cooperations | 1 341 | 1 258 | 1 664 | 2 042 | 1 758 |

SHARE OF RESCUE OPERATIONS BY RISK CLASS* (%)

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|----------------|------|------|------|------|------|
| Risk class I | 22 | 23 | 22 | 24 | 23 |
| Risk class II | 27 | 27 | 33 | 34 | 33 |
| Risk class III | 17 | 17 | 11 | 11 | 11 |
| Risk class IV | 34 | 33 | 33 | 32 | 32 |

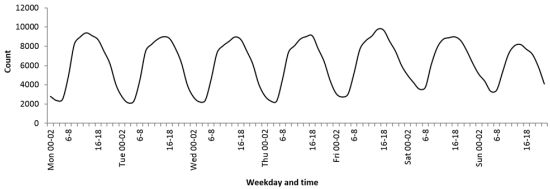
*Definition changed 2013

URGENT OPERATIONS** BY MONTH

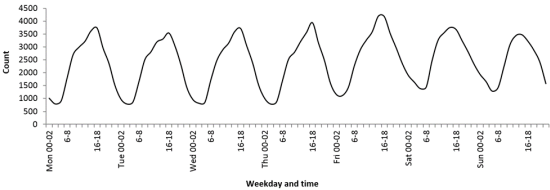
| | 2011 | 2012 | 2013 | 2014 | 2015 |
|-----------|-------|-------|-------|-------|-------|
| January | 2 061 | 2 311 | 1 828 | 1 965 | 2 199 |
| February | 1 931 | 2 025 | 1 575 | 1 551 | 1 601 |
| March | 1 813 | 1 553 | 1 731 | 1 796 | 1 779 |
| April | 1 615 | 1 496 | 1 458 | 1 827 | 1 571 |
| May | 2 009 | 1 891 | 2 054 | 1 881 | 1 749 |
| June | 2 453 | 2 136 | 2 341 | 1 977 | 1 893 |
| July | 2 505 | 2 199 | 2 137 | 2 376 | 1 970 |
| August | 2 168 | 2 075 | 2 097 | 2 041 | 2 112 |
| September | 1 806 | 1 816 | 1 874 | 1 888 | 1 780 |
| October | 1 864 | 1 846 | 1 844 | 1 906 | 1 920 |
| November | 1 887 | 1 816 | 1 940 | 1 887 | 1 822 |
| December | 2 425 | 2 383 | 2 167 | 2 309 | 2 246 |

**Urgent Operations = Fires excluding Wildfire, Traffic Accident, Hazardous Material Accident, Explosion or Risk of Explosion, Collapse or Risk of Collapse and Human Rescue

RESCUE OPERATIONS



RESCUE OPERATIONS INCLUDING RESCUE ACTIVITIES



BUILDING FIRES BY BUILDING TYPE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|------------------------------------|--------------|--------------|--------------|--------------|--------------|
| Residential Building | 3 129 | 3 132 | 3 069 | 3 232 | 2 878 |
| Detached House | 1 408 | 1 466 | 1 415 | 1 400 | 1 283 |
| Attached House | 321 | 338 | 323 | 311 | 304 |
| Block of Flats | 1 400 | 1 328 | 1 331 | 1 521 | 1 291 |
| Free-time Residence | 169 | 194 | 172 | 201 | 149 |
| Commercial Building | 378 | 338 | 345 | 333 | 303 |
| Office Building | 90 | 120 | 127 | 113 | 102 |
| Transport, Communications Build. | 79 | 76 | 92 | 92 | 77 |
| Institutional, Healthcare Building | 210 | 230 | 209 | 245 | 189 |
| Assembly Building | 79 | 84 | 82 | 72 | 77 |
| Educational Building | 109 | 104 | 111 | 102 | 114 |
| Industrial Building | 585 | 597 | 624 | 639 | 545 |
| Warehouse | 241 | 195 | 203 | 224 | 185 |
| Building for Fire Services | 0 | 5 | 10 | 5 | 4 |
| Agricultural Building | 212 | 196 | 226 | 213 | 175 |
| Other Building | 646 | 635 | 522 | 567 | 474 |
| Sauna | 287 | 252 | 239 | 268 | 207 |
| Total | 5 927 | 5 906 | 5 792 | 6 038 | 5 272 |

CAUSE OF BUILDING FIRE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|-------------------------|-------|-------|-------|-------|-------|
| Human Activity | 2 903 | 2 886 | 2 706 | 2 931 | 2 599 |
| Machine, Device Failure | 1 646 | 1 781 | 1 729 | 1 738 | 1 554 |
| Natural Phenomena | 252 | 120 | 208 | 256 | 86 |
| Flammable Substance | 84 | 100 | 97 | 102 | 97 |
| Animal | 42 | 33 | 50 | 41 | 50 |
| Other Cause | 558 | 573 | 538 | 519 | 458 |
| Cause Unknown | 508 | 475 | 465 | 452 | 430 |

BUILDING FIRE CAUSE OF IGNITION

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--|-------|-------|-------|-------|-------|
| Cooking | 1 070 | 973 | 918 | 1 060 | 971 |
| Deliberate | 290 | 316 | 344 | 344 | 330 |
| Open Fire | 816 | 760 | 727 | 750 | 650 |
| Juvenile Fire Setting | 57 | 48 | 54 | 46 | 48 |
| Hot Work | 152 | 149 | 138 | 125 | 130 |
| Match, Other Firemaking Device | 180 | 142 | 117 | 107 | 100 |
| Cigarette, Other Tobacco Product | 220 | 242 | 256 | 267 | 203 |
| Firework, Pyrotechnic Products | 23 | 7 | 15 | 18 | 10 |
| Candle, Outdoor Candle | 98 | 119 | 84 | 103 | 96 |
| Machine, Device, Process | 1 647 | 1 769 | 1 738 | 1 695 | 1 581 |
| Electrical Device | 680 | 760 | 711 | 694 | 677 |
| Hot Object, Ash, Spark | 232 | 246 | 188 | 234 | 201 |
| Fireplace, Flue | 719 | 793 | 691 | 736 | 593 |
| Frictional Heat, Spontaneous Ignition, Explosion | 114 | 139 | 129 | 124 | 97 |
| Natural Phenomena | 232 | 100 | 190 | 236 | 59 |
| Other Known Cause | 355 | 366 | 395 | 383 | 348 |
| Cause Unknown | 518 | 506 | 472 | 477 | 444 |

INTENTIONALITY OF BUILDING FIRE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------------------|-------|-------|-------|-------|-------|
| Intentional | 472 | 452 | 458 | 450 | 430 |
| Negligence, Carelessness | 1 173 | 1 231 | 1 079 | 1 262 | 1 025 |
| Accidental | 1 111 | 1 067 | 1 039 | 1 083 | 1 020 |
| Unknown | 146 | 137 | 130 | 136 | 124 |
| Total | 2 902 | 2 887 | 2 706 | 2 931 | 2 599 |

CHIMNEY FIRES

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|-----------------------|------|------|------|------|------|
| Risk of Building Fire | 300 | 323 | 302 | 328 | 264 |
| Building Fire | 13 | 14 | 16 | 19 | 15 |

USE OF FIRST EXTINGUISHING IN BUILDING FIRES

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|----------|-------|-------|-------|-------|-------|
| Used | 2 078 | 2 040 | 1 965 | 2 005 | 1 730 |
| Not Used | 3 400 | 3 456 | 3 351 | 3 563 | 3 188 |
| Unknown | 515 | 472 | 477 | 471 | 356 |

EFFECT OF FIRST EXTINGUISHING IN BUILDING FIRES

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------|-------|-------|-------|-------|-------|
| Extinguished Fire | 1 161 | 1 201 | 1 116 | 1 176 | 1 038 |
| Limited Fire | 656 | 608 | 600 | 599 | 494 |
| No Effect | 254 | 225 | 238 | 227 | 190 |
| Extinguisher Did Not Work | 7 | 6 | 11 | 3 | 8 |

SMOKE ALARM ACTIVATION IN RESIDENTIAL BUILDING FIRES

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------------------------|-------|-------|-------|-------|-------|
| Smoke Alarm Activated | 1 112 | 1 112 | 1 046 | 1 122 | 1 022 |
| Smoke Alarm Did Not Activate | 372 | 480 | 446 | 499 | 440 |
| Smoke Alarm Activation Unknown | 457 | 446 | 398 | 393 | 334 |
| No Smoke Alarm | 948 | 943 | 949 | 1 007 | 862 |

WILDFIRES

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|----------------|-------|------|-------|-------|------|
| Forest Fire | 1 262 | 437 | 1 504 | 1 708 | 768 |
| Other Wildfire | 1 609 | 613 | 1 360 | 1 929 | 876 |

CAUSE OF WILDIRE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|-------------------------|-------|------|-------|-------|-------|
| Human Activity | 1 717 | 697 | 1 913 | 2 191 | 1 110 |
| Natural Phenomena | 405 | 100 | 348 | 685 | 152 |
| Machine, Device Failure | 82 | 40 | 111 | 129 | 64 |
| Animal | 20 | 4 | 12 | 26 | 9 |
| Flammable Substance | 16 | 4 | 8 | 26 | 15 |
| Other Cause | 182 | 59 | 127 | 147 | 76 |
| Cause Unknown | 390 | 145 | 344 | 433 | 216 |

WILDFIRE CAUSE OF IGNITION

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--|-------|------|-------|-------|------|
| Open Fire | 1 471 | 546 | 1 553 | 1 761 | 890 |
| Juvenile Fire Setting | 114 | 52 | 81 | 119 | 47 |
| Campfire, Grill | 348 | 150 | 582 | 487 | 322 |
| Rubbish Burning | 326 | 122 | 332 | 479 | 258 |
| Match, Other Firemaking Device | 240 | 74 | 161 | 149 | 64 |
| Cigarette, Other Tobacco Product | 267 | 79 | 199 | 264 | 108 |
| Prescribed Burning | 147 | 62 | 168 | 241 | 73 |
| Natural Phenomena | 324 | 61 | 296 | 589 | 84 |
| Lightning | 279 | 35 | 268 | 540 | 31 |
| Machine, Device, Process | 128 | 54 | 135 | 165 | 84 |
| Electrical Device | 21 | 14 | 34 | 34 | 30 |
| Hot Object, Ash, Spark | 136 | 48 | 123 | 148 | 78 |
| Fireplace, Flue | 21 | 5 | 19 | 11 | 8 |
| Frictional Heat, Spontaneous Ignition, Explosion | 135 | 41 | 77 | 154 | 58 |
| Deliberate | 73 | 71 | 141 | 176 | 100 |
| Other Known Cause | 152 | 57 | 151 | 167 | 105 |
| Cause Unknown | 372 | 166 | 368 | 466 | 235 |

INTENTIONALITY OF WILDFIRE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------------------|--------------|------------|--------------|--------------|--------------|
| Intentional | 278 | 177 | 342 | 346 | 211 |
| Negligence, Carelessness | 755 | 272 | 826 | 1 004 | 484 |
| Accidental | 449 | 154 | 480 | 595 | 273 |
| Unknown | 235 | 94 | 265 | 247 | 143 |
| Total | 1 717 | 697 | 1 913 | 2 192 | 1 111 |

VEHICLE FIRES BY VEHICLE TYPE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------|--------------|--------------|--------------|--------------|--------------|
| Road Vehicle | 2 375 | 2 146 | 2 299 | 2 113 | 2 125 |
| All Terrain Vehicle | - | 42 | 31 | 26 | 46 |
| Water Vehicle | 38 | 38 | 40 | 41 | 46 |
| Rail Vehicle | 11 | 13 | 13 | 10 | 11 |
| Air Vehicle | 4 | 1 | 2 | 0 | 1 |
| Other Vehicle | 33 | 36 | 31 | 34 | 43 |
| Total | 2 461 | 2 276 | 2 416 | 2 224 | 2 272 |

CAUSE OF VEHICLE FIRE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|-------------------------|-------|-------|-------|-------|-------|
| Machine, Device Failure | 1 476 | 1 394 | 1 455 | 1 343 | 1 349 |
| Human Activity | 426 | 450 | 410 | 401 | 411 |
| Flammable Substance | 30 | 27 | 34 | 38 | 39 |
| Natural Phenomena | 7 | 2 | 4 | 7 | 2 |
| Animal | 3 | 1 | 1 | 1 | 2 |
| Other Cause | 121 | 90 | 153 | 106 | 103 |
| Cause Unknown | 401 | 372 | 358 | 328 | 365 |

INTENTIONALITY OF VEHICLE FIRES

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------------------|------------|------------|------------|------------|------------|
| Intentional | 310 | 309 | 281 | 265 | 303 |
| Negligence, Carelessness | 44 | 45 | 45 | 60 | 48 |
| Accidental | 47 | 63 | 63 | 55 | 48 |
| Unknown | 25 | 27 | 21 | 21 | 12 |
| Total | 426 | 444 | 410 | 401 | 411 |

ROAD VEHICLE FIRES

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|-----------------------------|-------|-------|-------|-------|-------|
| Passenger Car | 1 398 | 1 405 | 1 350 | 1 273 | 1 351 |
| Van | 159 | 150 | 158 | 143 | 158 |
| Lorry, Truck | 298 | 251 | 315 | 239 | 231 |
| Engine-powered Work Vehicle | 148 | 68 | 86 | 83 | 65 |
| Tractor | 86 | 87 | 115 | 108 | 75 |
| Bus | 68 | 64 | 50 | 54 | 53 |
| Motor Caravan, Caravan | 56 | 44 | 54 | 59 | 51 |
| Moped | 72 | 57 | 70 | 69 | 59 |
| Moped Car | - | 17 | 21 | 19 | 23 |
| Off-road Vehicle | 31 | 42 | 31 | 26 | 46 |
| Trailer | 22 | 13 | 21 | 24 | 21 |
| Motorcycle | 19 | 16 | 25 | 17 | 11 |
| Other Road Vehicle | 23 | 31 | 34 | 25 | 27 |

OTHER FIRES

| | 2013 | 2014 | 2015 |
|--|------|------|------|
| Immovable Structure | 274 | 262 | 273 |
| Mobile Structure | 42 | 36 | 42 |
| Barrack | 33 | 35 | 26 |
| Transformer, Utility Pole | 240 | 258 | 193 |
| Waste Container, Recycle Container, Less than 240 liters | 391 | 356 | 304 |
| Waste Container, Recycle Container, More than 240 liters | 436 | 388 | 423 |
| Demountable Body | 79 | 59 | 80 |
| Stack of Wood Materials, Less than 2m ³ | 157 | 121 | 110 |
| Stack of Wood Materials, More than 2m ³ | 137 | 148 | 136 |
| Pile of Other Organic Material | 167 | 165 | 122 |
| Machine, Device Outdoors | 93 | 92 | 83 |
| Blasting Mat | 1 | 2 | 0 |
| Other Material | 558 | 503 | 441 |

CAUSE OF OTHER FIRE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------|-------|-------|-------|-------|-------|
| Human Activity | 2 179 | 1 733 | 1 730 | 1 591 | 1 540 |
| Machine or Device Failure | 321 | 311 | 252 | 238 | 205 |
| Natural Phenomena | 227 | 107 | 147 | 184 | 117 |
| Flammable Substance | 25 | 17 | 23 | 23 | 16 |
| Animal | 7 | 12 | 8 | 14 | 10 |
| Other Cause | 308 | 203 | 240 | 179 | 161 |
| Cause Unknown | 318 | 240 | 228 | 212 | 202 |
| Total | 3 384 | 2 623 | 2 628 | 2 441 | 2 251 |

OTHER FIRE CAUSE OF IGNITION

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--|-------|------|------|------|------|
| Open Fire | 1 273 | 840 | 867 | 783 | 735 |
| Juvenile Fire Setting | 89 | 71 | 42 | 44 | 43 |
| Campfire, Grill | 183 | 116 | 113 | 108 | 94 |
| Rubbish Burning | 214 | 174 | 143 | 140 | 137 |
| Match, Other Firemaking Device | 407 | 212 | 256 | 180 | 185 |
| Cigarette, Tobacco | 265 | 163 | 197 | 197 | 146 |
| Firework, Pyrotechnic Products | 68 | 58 | 79 | 76 | 101 |
| Fireplace, Flue | 28 | 32 | 24 | 25 | 27 |
| Machine, Equipment, Process | 288 | 289 | 230 | 217 | 170 |
| Electrical Device | 142 | 124 | 98 | 95 | 93 |
| Hot Object, Ash, Spark | 109 | 67 | 112 | 79 | 107 |
| Frictional Heat, Spontaneous Ignition, Explosion | 166 | 111 | 117 | 116 | 102 |
| Natural Phenomena | 151 | 67 | 100 | 120 | 63 |
| Deliberate | 630 | 631 | 652 | 562 | 597 |
| Other Known Cause | 356 | 272 | 245 | 206 | 188 |
| Cause Unknown | 384 | 314 | 281 | 333 | 262 |

INTENTIONALITY OF OTHER FIRE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------------------|-------|-------|-------|-------|-------|
| Intentional | 1 260 | 1 035 | 1 031 | 867 | 924 |
| Negligence, Carelessness | 408 | 297 | 313 | 342 | 284 |
| Accidental | 252 | 200 | 186 | 172 | 153 |
| Unknown | 259 | 201 | 200 | 210 | 179 |
| Total | 2 179 | 1 733 | 1 730 | 1 592 | 1 540 |

TRAFFIC ACCIDENTS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|------------------------|---------------|---------------|---------------|---------------|---------------|
| Road Traffic | 12 794 | 13 689 | 12 642 | 13 246 | 13 608 |
| Rail Transport | 121 | 198 | 137 | 135 | 138 |
| Railway Level Crossing | 26 | 87 | 52 | 55 | 67 |
| Waterway Transport | 53 | 77 | 106 | 94 | 99 |
| Air Traffic | 30 | 26 | 27 | 26 | 34 |
| Other Traffic | 234 | 261 | 261 | 237 | 268 |
| Total | 13 232 | 14 208 | 13 174 | 13 738 | 14 147 |

OIL SPILLS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|--------------|--------------|--------------|--------------|--------------|
| Overfill | 189 | 161 | 155 | 152 | 153 |
| Tank Leak | 97 | 90 | 82 | 77 | 60 |
| Other Leak in Storing, Dispensing Device | 91 | 62 | 72 | 60 | 46 |
| Road Vehicle | 1 388 | 1 370 | 1 372 | 1 464 | 1 453 |
| Rail Vehicle | 4 | 11 | 7 | 8 | 9 |
| Water Vehicle | 74 | 67 | 63 | 80 | 71 |
| Other Vehicle | 318 | 298 | 299 | 290 | 311 |
| Other Machine or Device | 154 | 145 | 125 | 131 | 132 |
| Treatment of Waste Oil, Used Oil | 32 | 43 | 37 | 43 | 29 |
| Unknown Oil Spill in Water Body, Sewer | 102 | 96 | 98 | 116 | 111 |
| Other Cause, Accident | 290 | 285 | 275 | 279 | 260 |
| Total | 2 739 | 2 628 | 2 585 | 2 698 | 2 635 |

HAZARDOUS MATERIAL ACCIDENT SITE

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|------------------------------------|------------|------------|------------|------------|------------|
| Industrial Plant | 51 | 61 | 51 | 51 | 51 |
| Warehouse, Warehouse Area | 47 | 34 | 53 | 51 | 44 |
| Street, Other Urban Area | 52 | 79 | 96 | 120 | 113 |
| Highway | 38 | 32 | 42 | 38 | 32 |
| Shop, Petrol Outlet | 39 | 42 | 73 | 49 | 69 |
| Public Building | 15 | 20 | 9 | 21 | 21 |
| Accommodation, Restaurant Premises | 2 | 7 | 4 | 7 | 5 |
| Residential Building | 25 | 17 | 32 | 26 | 38 |
| Other Building | 19 | 11 | 16 | 21 | 16 |
| Port, Water Body | 11 | 8 | 9 | 18 | 7 |
| Yard, Railway | 3 | 3 | 8 | 8 | 6 |
| Other Site | 24 | 28 | 24 | 45 | 27 |
| Total | 326 | 342 | 417 | 455 | 429 |

ADR CLASSIFICATION OF HAZARDOUS MATERIAL ACCIDENTS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|------|------|------|------|------|
| Explosives | 0 | 3 | 1 | 0 | 0 |
| Gases | 62 | 63 | 97 | 84 | 85 |
| Flammable Liquids | 115 | 118 | 208 | 251 | 233 |
| Flammable Solids | 5 | 0 | 3 | 9 | 1 |
| Oxidising Substances, Organic Peroxides | 12 | 6 | 7 | 8 | 11 |
| Toxic, Infectious Substances | 10 | 9 | 5 | 0 | 1 |
| Radioactive Substances | 1 | 0 | 0 | 0 | 0 |
| Corrosive Substances | 55 | 51 | 49 | 50 | 44 |
| Other Hazardous Material, Goods | 12 | 3 | 8 | 14 | 6 |

CAUSE OF LOSS PREVENTION OPERATIONS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---------------|--------------|---------------|--------------|---------------|
| Natural Phenomena | 10 802 | 4 857 | 8 026 | 4 823 | 8 846 |
| Wind, Storm | 9 303 | 2 920 | 6 928 | 3 880 | 7 318 |
| Flood, Rain Water | 893 | 1039 | 771 | 411 | 316 |
| Snow, Ice | 377 | 677 | 187 | 348 | 1 045 |
| Frost | 77 | 124 | 33 | 48 | 25 |
| Defect or Malfunction in a Machine, Device | 1 088 | 1 110 | 1 017 | 977 | 910 |
| Defect, Malfunction of Mains | 599 | 638 | 564 | 529 | 444 |
| Defect, Malfunction of Vehicle | 288 | 271 | 250 | 267 | 264 |
| Human Activity | 752 | 689 | 796 | 871 | 841 |
| Animal | 32 | 25 | 35 | 42 | 30 |
| Other Cause | 408 | 343 | 350 | 384 | 397 |
| Total | 13 082 | 7 024 | 10 224 | 7 097 | 11 024 |

CAUSE OF ASSISTANCE OPERATIONS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|-------|-------|-------|-------|-------|
| Assistance of EMS | 1 852 | 2 213 | 2 372 | 2 944 | 3 357 |
| Human Activity | 413 | 386 | 370 | 285 | 397 |
| Defect, Malfunction in a Machine, Device | 351 | 259 | 291 | 232 | 205 |
| Defect, Malfunction of Vehicle | 238 | 168 | 182 | 144 | 129 |
| Defect, Malfunction of Mains | 36 | 17 | 21 | 14 | 10 |
| Defect, Malfunction of Grid | 17 | 5 | 14 | 6 | 8 |
| Natural Phenomena | 182 | 167 | 113 | 73 | 103 |
| Wind, Storm | 68 | 48 | 56 | 32 | 50 |
| Flood, Rain Water | 32 | 62 | 16 | 13 | 26 |
| Snow, Ice | 65 | 36 | 20 | 13 | 18 |
| Animal | 58 | 56 | 59 | 44 | 37 |
| Other Cause | 380 | 339 | 258 | 238 | 233 |

HUMAN RESCUE OPERATIONS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--|------|------|------|------|------|
| Water Rescue | 385 | 346 | 425 | 479 | 411 |
| Rescue from Trap, Shaft, Collapse, Well | 64 | 54 | 56 | 58 | 43 |
| Rescue from Other Dangerous Place, Situation | 259 | 252 | 267 | 280 | 276 |
| Rescue from Place, Situation with No Immediate Danger | 407 | 459 | 516 | 552 | 536 |
| Rescue from Terrain | 284 | 313 | 383 | 362 | 416 |
| Lift Rescue | 596 | 599 | 611 | 644 | 615 |
| Other Rescue Operation | 166 | 167 | 163 | 148 | 169 |

ANIMAL RESCUE OPERATIONS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--|------|------|------|------|-------|
| Water Rescue | 106 | 175 | 193 | 250 | 229 |
| Rescue from Trap, Shaft, Collapse, Well | 208 | 231 | 254 | 194 | 225 |
| Rescue from Other Dangerous Place, Situation | 186 | 221 | 207 | 186 | 197 |
| Rescue from Place, Situation with No Immediate Danger | 861 | 781 | 878 | 968 | 1 058 |
| Rescue from Terrain | 72 | 94 | 114 | 94 | 168 |
| Lift Rescue | 1 | 2 | 6 | 4 | 5 |
| Other Rescue Operation | 475 | 354 | 435 | 448 | 497 |

CAUSE FOR AUTOMATIC FIRE ALARM

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|-------|-------|-------|-------|-------|
| Negligence in Property Repair, Installation, Maintenance Work | 2 439 | 2 315 | 2 292 | 2 133 | 2 030 |
| Exhaust Gas | 194 | 204 | 152 | 143 | 126 |
| Smoking | 285 | 207 | 205 | 191 | 301 |
| Cooking | 3 377 | 3 649 | 3 478 | 3 295 | 3 602 |
| Other Smoke, Dust | 2 696 | 2 516 | 2 383 | 2 205 | 2 107 |
| Temporary High Temperature | 423 | 331 | 369 | 378 | 272 |
| Fire | 257 | 421 | 365 | 375 | 359 |
| Moisture, Water | 2 125 | 1 996 | 1 622 | 1 547 | 1 436 |
| Sensor Failure in Fire Alarm, Fixed Fire Extinguishing System | 612 | 616 | 759 | 833 | 699 |
| Sprinkler System Failure | 1 058 | 1 110 | 969 | 867 | 841 |
| Other System Failure | 464 | 482 | 490 | 452 | 457 |
| Overvoltage | 355 | 224 | 307 | 330 | 137 |
| Impact on Sensor | 286 | 302 | 309 | 266 | 263 |
| Error, Misuse | 651 | 732 | 712 | 690 | 476 |
| Malicious Use | 441 | 468 | 461 | 393 | 522 |
| Other Cause, Cause Unknown | 5 589 | 5 285 | 4 843 | 4 598 | 4 254 |

AUTOMATIC FIRE ALARMS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|------------------------------|---------------|---------------|---------------|---------------|---------------|
| Building Fire | 748 | 832 | 810 | 765 | 748 |
| Risk of Building Fire | 645 | 738 | 715 | 692 | 669 |
| Vehicle Fire | 7 | 4 | 4 | 5 | 4 |
| Other Fire | 51 | 41 | 25 | 21 | 26 |
| Hazardous Material Accident | 12 | 11 | 19 | 16 | 21 |
| Explosion, Risk of Explosion | 4 | 5 | 1 | 2 | 3 |
| Total | 22 100 | 20 983 | 19 858 | 18 928 | 18 386 |
| Share of False Alarm (%) | 96 | 96 | 96 | 96 | 96 |

OTHER CHECK OR INSPECTION OPERATIONS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|-----------------------------|-------|-------|-------|-------|-------|
| Smoke Observation | 3 789 | 3 279 | 3 866 | 4 025 | 3 642 |
| Oil Observation | 545 | 462 | 488 | 532 | 493 |
| Gas Observation | 133 | 147 | 135 | 142 | 132 |
| Chemical Observation | 115 | 104 | 88 | 116 | 126 |
| Carbon Monoxide Alarm Check | - | 35 | 29 | 40 | 44 |
| Blind Call | 502 | 475 | 531 | 626 | 552 |
| False Call | 144 | 106 | 128 | 112 | 119 |
| Risk of Air Crash | 90 | 81 | 120 | 95 | 89 |
| Other Cause | 3 505 | 3 218 | 3 254 | 3 654 | 3 659 |

5 ACCIDENT DAMAGES

DEATHS

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|------------------------------|------|------|------|------|------|
| Building Fire | 56 | 77 | 50 | 85 | 69 |
| Wildfire | 0 | 0 | 1 | 1 | 0 |
| Vehicle Fire | 4 | 4 | 1 | 2 | 5 |
| Other Fire | 4 | 4 | 1 | 0 | 1 |
| Traffic Accident | 277 | 244 | 268 | 249 | 265 |
| Oil Spill | 0 | 1 | 0 | 0 | 0 |
| Hazardous Material Accident | 0 | 1 | 0 | 3 | 0 |
| Explosion, Risk of Explosion | 0 | 0 | 2 | 1 | 0 |
| Collapse, Risk of Collapse | 0 | 0 | 1 | 3 | 0 |
| Human Rescue | 138 | 125 | 125 | 159 | 133 |

INJURED

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|------------------------------|-------|--------|-------|--------|-------|
| Building Fire | 457 | 529 | 563 | 772 | 588 |
| Wildfire | 10 | 6 | 5 | 36 | 4 |
| Vehicle Fire | 23 | 32 | 43 | 29 | 50 |
| Other Fire | 15 | 13 | 10 | 14 | 13 |
| Traffic Accident | 8 078 | 10 100 | 9 764 | 10 103 | 9 781 |
| Oil Spill | 7 | 12 | 19 | 16 | 14 |
| Hazardous Material Accident | 24 | 76 | 25 | 29 | 69 |
| Explosion, Risk of Explosion | 10 | 16 | 11 | 12 | 9 |
| Collapse, Risk of Collapse | 3 | 5 | 9 | 1 | 4 |
| Human Rescue | 407 | 502 | 644 | 599 | 627 |

FIRE DEATHS

| | 2011 ¹ | 2012 ¹ | 2013 ¹ | 2014 ¹ | 2015 |
|--------------------------------|-------------------|-------------------|-------------------|-------------------|------|
| Fire Deaths | 66 | 82 | 58 | 86 | 74 |
| Accidental Cause of Fire | 55 | 78 | 49 | 73 | 63 |
| Non-accidental Cause of Fire | 11 | 4 | 9 | 13 | 11 |
| Deaths per Million Inhabitants | 12 | 15 | 11 | 16 | 13 |

FIRE DEATHS BY AGE

| | 2011 ¹ | 2012 ¹ | 2013 ¹ | 2014 ¹ | 2015 |
|-------|-------------------|-------------------|-------------------|-------------------|------|
| Men | 47 | 66 | 43 | 58 | 54 |
| Women | 19 | 16 | 15 | 28 | 19 |

FIRE DEATHS BY CAUSE OF IGNITION

| | 2011 ¹ | 2012 ¹ | 2013 ¹ | 2014 ¹ | 2015 |
|----------------------------------|-------------------|-------------------|-------------------|-------------------|------|
| Cooking | 5 | 5 | 7 | 9 | 4 |
| Deliberate | 11 | 7 | 13 | 18 | 11 |
| Open Fire | 19 | 34 | 19 | 34 | 21 |
| Cigarette, Other Tobacco Product | 13 | 27 | 15 | 27 | 16 |
| Electrical Device | 9 | 6 | 4 | 6 | 2 |
| Other Known Cause | 11 | 9 | 6 | 11 | 14 |
| Cause Unknown | 11 | 21 | 9 | 8 | 22 |

FIRE DEATHS* BY BUILDING TYPE

| | 2011 ¹ | 2012 ¹ | 2013 ¹ | 2014 ¹ | 2015 |
|------------------------------------|-------------------|-------------------|-------------------|-------------------|------|
| Residential Building | 50 | 72 | 50 | 77 | 58 |
| Detached houses | 19 | 21 | 19 | 36 | 41 |
| Attached houses | 3 | 8 | 7 | 11 | 3 |
| Blocks of flats | 19 | 21 | 22 | 26 | 14 |
| Free-time Residence | 5 | 1 | 0 | 4 | 4 |
| Institutional, Healthcare Building | 1 | 0 | 1 | 1 | 2 |
| Other Building | 2 | 1 | 2 | 3 | 4 |

¹Reference: The Emergency Services College Publication (Esa Kokki)

SMOKE ALARM ACTIVATION IN FATAL FIRES

| | 2011 ¹ | 2012 ¹ | 2013 ¹ | 2014 ¹ | 2015 |
|--------------------------------|-------------------|-------------------|-------------------|-------------------|------|
| Smoke Alarm Activated | 11 | 11 | 13 | 15 | 10 |
| Smoke Alarm Did Not Activate | 1 | 4 | 2 | 6 | 6 |
| Smoke Alarm Activation Unknown | 6 | 9 | 7 | 17 | 33 |
| No Smoke Alarm | 11 | 26 | 18 | 19 | 13 |

¹Reference: The Emergency Services College Publication (Esa Kokki)

TOTAL PROPERTY DAMAGES FROM FIRES

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--|--------|--------|--------|--------|--------|
| Burnt Floor Area in Residential Building Fires (m ²) | 71 934 | 84 976 | 73 592 | 75 394 | 66 363 |
| Damage to Building, Furnishings in Building Fires (MEUR) | 131 | 123 | 120 | 141 | 103 |
| Property in Danger in Building Fires (MEUR) | 2 970 | 5 452 | 4 104 | 2 838 | 2 969 |
| Burnt Land Area (ha) | 909 | 219 | 743 | 1 325 | 308 |
| Burnt Forest Area (ha) | 589 | 89 | 469 | 888 | 146 |
| Vehicle Fire (MEUR) | 20 | 25 | 20 | 26 | 20 |
| Other Fire (MEUR) | 6 | 9 | 26 | 9 | 10 |

AVERAGE PROPERTY DAMAGES FROM FIRES

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|--|--------|--------|--------|--------|--------|
| Burnt Floor Area in Residential Building Fires (m ²) | 22 | 25 | 23 | 23 | 21 |
| Damage to Building, Furnishings in Building Fires (€) | 21 492 | 20 533 | 20 705 | 23 413 | 19 527 |
| Burnt Land Area (ha) | 0,32 | 0,21 | 0,26 | 0,36 | 0,19 |
| Burnt Forest Area (ha) | 0,47 | 0,20 | 0,31 | 0,52 | 0,19 |
| Vehicle Fire (€) | 8 008 | 10 681 | 8 310 | 11 655 | 8 698 |
| Other Fire (€) | 1 808 | 3 565 | 9 965 | 3 809 | 4 290 |

6 RESCUE OPERATIONS

RESCUED AND EVACUATED HUMANS

| | 2012 | 2013 | 2014 | 2015 |
|------------------------------|-------|-------|-------|-------|
| Building Fire | 1 243 | 1 930 | 3 361 | 2 076 |
| Vehicle Fire | 42 | 83 | 15 | 13 |
| Other Fire | 25 | 24 | 31 | 1 |
| Traffic Accident | 1 853 | 1 406 | 1 216 | 1 218 |
| Hazardous Material Accident | 293 | 223 | 180 | 205 |
| Explosion, Risk of Explosion | 0 | 301 | 47 | 4 |
| Collapse, Risk of Collapse | 11 | 252 | 1 | 52 |
| Human Rescue | 2 413 | 2 219 | 2 121 | 1 918 |

ACTIVITY ON RESCUE OPERATIONS

| | 2012 | 2013 | 2014 | 2015 |
|-------------------------------|--------|--------|--------|--------|
| Forcible Entry | 1 378 | 1 326 | 1 419 | 1 267 |
| Extinguishing, Confining Fire | 8 800 | 9 325 | 9 805 | 7 557 |
| Smoke Venting | 4 194 | 4 349 | 4 414 | 4 383 |
| Technical Rescue, Clearing | 11 090 | 14 293 | 12 540 | 15 702 |
| Prehospital Care | 20 028 | 20 398 | 17 035 | 17 224 |
| No Action | 15 117 | 12 817 | 11 831 | 10 946 |

METHODS ON RESCUE ACTIVITIES

| | 2012 | 2013 | 2014 | 2015 |
|--------------------------------|-------|-------|-------|-------|
| Water Extinguishing | 6 411 | 8 177 | 8 633 | 6 540 |
| Using the Extinguishing Cutter | 78 | 90 | 108 | 71 |
| Foam Extinguishing | 761 | 883 | 828 | 873 |
| Smoke Diving | 2 287 | 2 163 | 2 057 | 2 040 |
| Surface Rescue | 283 | 220 | 241 | 223 |
| Water Diving | 80 | 78 | 78 | 75 |
| Using the Thermal Camera | 2 842 | 3 368 | 3 799 | 3 652 |

MEDIAN OF THE RESPONSE TIME OF FIRST UNIT*

| | 2011 | 2012 | 2013 | 2014 | 2015 |
|----------------|-------|-------|-------|-------|-------|
| Risk Class I | 5:09 | 5:21 | 5:23 | 5:30 | 5:31 |
| Risk Class II | 6:13 | 6:22 | 6:30 | 6:35 | 6:35 |
| Risk Class III | 7:36 | 7:46 | 7:44 | 7:46 | 7:50 |
| Risk Class IV | 11:47 | 11:51 | 12:16 | 12:22 | 12:17 |

*Urgent assignments excluding medical assignments

MEDIAN OF THE RESPONSE TIME

| | 2013 | 2014 | 2015 |
|----------------|-------|-------|-------|
| Risk Class I | 10:34 | 10:39 | 10:42 |
| Risk Class II | 11:01 | 10:56 | 11:02 |
| Risk Class III | 10:09 | 10:22 | 10:34 |
| Risk Class IV | 15:13 | 15:26 | 15:14 |

RISK SQUARES** WHERE THE RESPONSE TIME IS NOT ACHIEVED

| | 2013 | 2014 | 2015 |
|-------------------------|------|------|------|
| Risk Class I (11 min) | 115 | 128 | 127 |
| Risk Class II (14 min) | 15 | 19 | 15 |
| Risk Class III (22 min) | 0 | 1 | 0 |
| Risk Class IV (40 min) | 0 | 0 | 0 |

**Only those risk squares where at least 5 incidents per year have taken place have been taken into account

MEDIAN OF THE TOTAL RESPONSE TIME

| | 2013 | 2014 | 2015 |
|----------------------|-------|-------|-------|
| Helsinki | 13:02 | 13:14 | 13:28 |
| Länsi-Uusimaa | 13:41 | 14:19 | 13:58 |
| Keski-Uusimaa | 13:31 | 13:37 | 13:28 |
| Itä-Uusimaa | 14:06 | 13:48 | 14:03 |
| Varsinais-Suomi | 14:11 | 14:01 | 14:09 |
| Kanta-Häme | 14:38 | 14:48 | 14:20 |
| Päijät-Häme | 14:05 | 14:21 | 14:10 |
| Kymenlaakso | 14:10 | 14:46 | 14:34 |
| South Karelia | 15:33 | 15:44 | 15:31 |
| Etelä-Savo | 17:43 | 17:47 | 17:32 |
| Central Finland | 15:16 | 15:55 | 16:16 |
| Pirkanmaa | 14:44 | 14:27 | 14:04 |
| Satakunta | 14:02 | 14:20 | 14:01 |
| South Ostrobothnia | 14:00 | 14:25 | 14:20 |
| Ostrobothnia | 14:45 | 14:54 | 14:50 |
| Central Ostrobothnia | 12:58 | 13:30 | 13:10 |
| Pohjois-Savo | 16:14 | 16:13 | 16:27 |
| North Karelia | 17:28 | 17:34 | 17:12 |
| Jokilaaksot | 15:48 | 16:04 | 15:59 |
| Kainuu | 18:42 | 18:55 | 18:04 |
| Oulu-Koillismaa | 14:18 | 14:18 | 14:07 |
| Lapland | 18:12 | 17:54 | 18:08 |
| Total | 14:29 | 14:40 | 14:34 |

