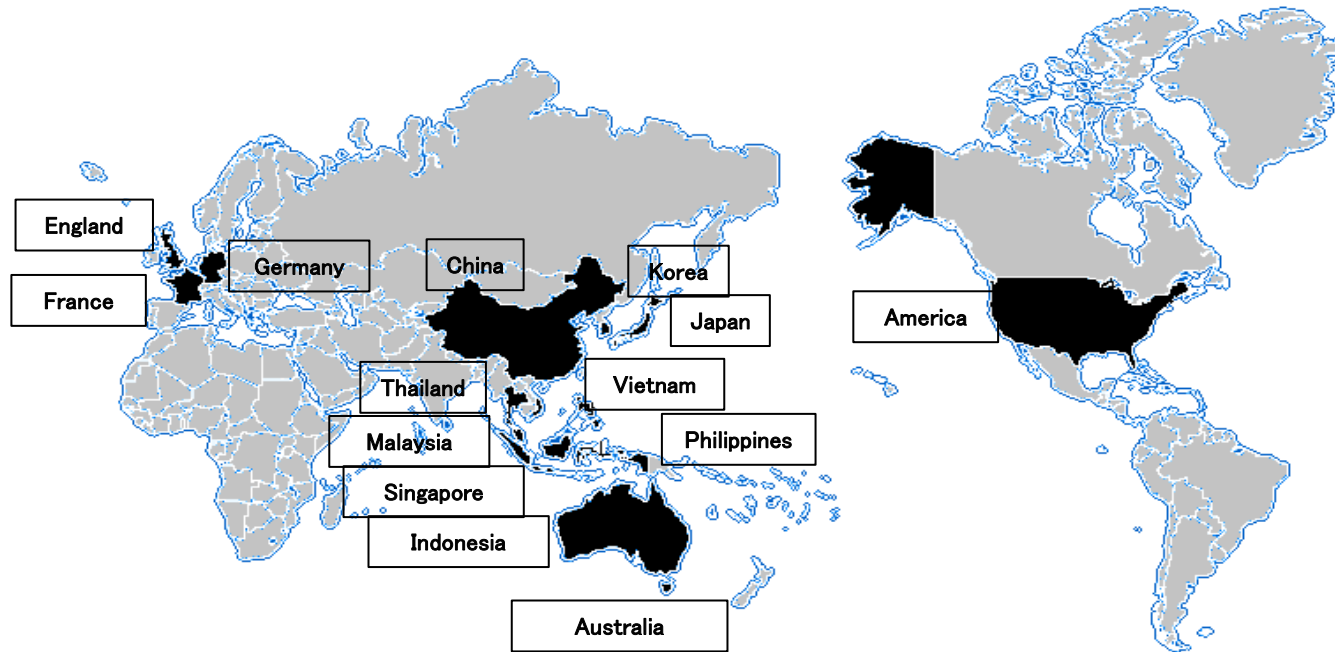


## Fire Service in Major Countries

For more than 20 years since International Fire Service Information Center (IFSIC) was established in 1996, we carried out an investigation about the fire service circumstances of European, American and Asian 13 countries and gathered the result as the each country's reports. In addition, IFCAA (International Fire Chiefs' Association of Asia) issue "IFCAA fire Statistics" with the cooperation of the firefighting organization of the Asia Oceania area. We gather the essence in the form of the simple comparison list and contribute it to the person concerned with domestic and foreign fire service. We thank IFCAA for cooperation of using the statistics documents.

This list is simple but there is the word "Comparison is beginning of wisdom" and we think it is useful seeing from such a point of view.

Please note that not all information is up-to-date and there are many "Unknown" points because of the incompleteness of statistics. We IFSIC continue trying the maintenance enhancement of the information, but would like cooperate with readers including who is in foreign countries if you have a latest information.



Fire Service in Major Countries (Table 1-1)

	England	Germany	France	America	Korea	China
The Official Name of the Country	United Kingdom of Great Britain and Northern Ireland	Federal Republic of Germany	French Republic	United States of America	Republic of Korea	People's Republic of China
Area(1,000km <sup>2</sup> )	242.9	357.3	551.5	9,833.5	99.538	9,600
Population (1,000 people)	65,789	81,915	64,721	322,180	51,712	1,403,500
Municipality	England City of London Corporation London Borough Council (32) Metropolitan District(36) County(34), District(238) Unitary(46) Wales Unitary(22) Scotland Unitary(32) Northern Ireland Unitary(26) (2000)	Country(16) District(327) Country Town(117) Local Community(14,273)	Region(22) Department(96) Town(36,564)	State(50) County(≈3,000) Township(≈16,500) Municipality(City, Borough, Town, Village) (≈19,400) Special District(≈48,500)	Seoul Special Metropolitan City Metropolis City(Busan etc.) (6) Autonomous Region(47) Province(9) City(67) County(137) (2001)	Province(22) Autonomous Region(5) Municipality(Beijing, Tianjin, Shanghai, Chongqing)(4) Prefecture-level City(162) Prefecture(156) County(2,765) (2000)
Fire Service Organization of the Central Government	England, Wales Home Office Fire Service Inspectorate Fire Emergency Planning Department Scotland Scottish Office Northern Ireland Northern Ireland Office	The federal government has no direct authority over fire service. Interior Ministry of each country has authority over fire service.	Ministry of Interior Civil Safety Bureau Ambulance and Fire Department	Federal Emergency Management Agency (FEMA) U. S. Fire Administration	National Emergency Management Agency (NEMA)	Ministry of Public Safety Fire Department
Executing Agency	England Total 46 Fire and Civil Defence Authorities(7) County Fire Authorities(34) Combined Fire Author. (4) Unity Authorities(1) Wales Unitary authorities (3) Scotland Unitary authorities(8) Northern Ireland Unitary authorities(1)	Country Town Local Community Municipal Association	Paris and surrounding areas Paris Fire Brigade Marseilles and surrounding areas Battalion of Firefighters of Marseilles Other areas have shifted to regional fire service in recent years.	Fire Department Headquarter by County, Township, Municipality, Special District Over 30,000	Seoul Metropolis Province(9)	Fire departments are located in Provinces, Autonomous Regions and Municipalities. Branches that are lower organizations are established in Prefectures and Counties.

	England	Germany	France	America	Korea	China
Ambulance Service	London Ambulance Service	Most of fire departments The Red Cross and private organization. Ambulance helicopter base network covers the whole country.	There are some special ambulance services, but fire departments, police and private agencies also perform ambulance	In addition to fire departments, police, the Red Cross and hospitals and private organizations perform ambulance service.	Fire Department	Medical Organization Fire department carries a part.
Number of Fire Stations	Unknown	339 (Professional)	Unknown	46,950(1990)	210	267 Battalions 1,733 Companies
Fire Personnel	England and Wales 35,151 (Professional)(1995)	27,902 (Professional)(2006)	35,680 (2008)	261,800 (1991)	44,121	≈110,000
Number of Fire Vehicles	3,472(1991)	50,402(2006)	17,309(2008)	68,950(1991)	4,877	About 10,000
Number of Fire	392,569(1997)	187,604	312,119(2008)	1,755,500(1998)	19,476	188,568(2000)
Fire per 10,000 population	59.8	22.8	46.5	56.9	3.77	1.4
Fire Death	605	406(2006)	Unknown	4,246(1998)	306	3,021(2000)
Educational and Training Organization	Fire Service College Emergency Planning College	Each county has its own fire academy.	National School of Firefighters Afire Academy of Department	The National Fire Academy The Emergency Management Institute Fire Academy of each state	Central Fire Academy(1) Regional Fire Academy(5)	Fire Commanding Academy (5) Chinese People's Armed Police Academy Fire Service Course
Volunteer Fire Service (Unit/Personnel)	England and Wales Unknown/14,606(1997)	24,479/1,035,941	Unknown/198,493(2008)	Unknown/771,800(1991)	Unknown	135,000/13,000,000(2000)
Three Major Fire Causes	1 Cooking Wear 2 Arson 3 Fault in the appliance (London)(2002)	1 Inappropriate Treatment 2 Absence of supervisor 3 Arson (Berlin)	1 Unknown 2 Suspicious Arson 3 Machine Trouble (Paris)	1 Arson 2 Electricity 3 Smoking (New York) (1998)	1 Carelessness 2 Electricity 3 Machine	1 Carelessness of Fire 2 Electricity 3 Smoking (2000)
Emergency Reporting Numbers	Fire:999 Police: 999 Ambulance:999	Fire:112 Police:110 Ambulance: 112/19222/110	Fire:18 Police:17 Ambulance:18	Fire:911 Police:911 Ambulance:911	Fire: 119 Police:112 Ambulance:119	Fire:119
The Name of the Capital	Greater London	Berlin	Paris and 3 Departments	New York (Capital: Washington)	Soul Special Metropolitan City	Beijing
Area(km <sup>2</sup> )	1,589	891	762	789	605.33	16,410
Population(1,000)	842(2013)	352(2015)	648(2006)	817(2010)	10,022	2,170(2015)
The Name of the Fire Service Organization	London Fire and Civil Defense Authority	Berlin Fire Department	Fire Brigade of Paris	New York Fire Department	Seoul Metropolitan Fire & Disaster Headquarters	Beijing Fire Department
Number of Fire Stations	113(1998)	37(2008)	80(2008)	Unknown	23	41 Companies(2000)
Number of Personnel	5,871(1998)	3,991(2008)	About 7,000(2008)	15,198(1999)	6,820	4,451(2000)
Number of Fire Vehicles	434(1995)	687(2008)	Unknown	649(1999)	410	206(2000)
Number of Fire	55,679(1994)	Unknown	19,414(Response)	62,101(1998)	2,832	5,037(2000)
Number of Fire Death	86(1993)	Unknown	Unknown	114(1999)	40	42(2000)
Presence of White Paper on Fire Service	Unknown	Unknown	Unknown	NFPA	Unknown	Unknown

Fire Service in Major Countries (Table 1-2)

Fire Service in Major Countries (Table 2-1)

	Philippines	Malaysia	Indonesia	Vietnam	Australia	Thailand
The Official Name of the Country	Republic of Philippines	Malaysia	Republic of Indonesia	Socialist Republic of Vietnam	Commonwealth of Australia	Kingdom of Thailand
Area(1,000km <sup>2</sup> )	300	330.3	1,890	331.7	7,693	513
Population (1,000 people)	100,981(2015)	31,700	255,000(2015)	93,421	24,600(2017)	65,370(2015)
Municipality	National Capital Region (1) Autonomous Region (3) Region (12) Province (73) Semi-province (2) City (113) Municipality (1,496) Barangay About 42,000 (2001)	State (13) ( Western Malaysia 11) (Eastern Malaysia 2) Federal Territory (2) (Kuala Lumpur , Labuan) City Hall (2) City Council (9) Municipal (20) District Council (118) (1999)	Jakarta Special City (1) (Special Province) Administrative District (5) Province (25) Municipality (57) District (230)  (2001)	Province (58) Municipality (5) (Hanoi, Ho Chi Minh, Da Nang, Hai Phog, Can Tho) District (487) Provincial City (61)  (2016)	State (6) (New South Wales, Queensland, South Australia, Tasmania, Victoria, Western Australia) Australian Capital Territory (1) Northern territory (1) (1999)	Bangkok Metropolitan Administration (1) City of Pattaya (1) Province (76) District, Minor District (878) Sub District (7,225) Village (74,965)
Fire Service Organization of the Central Government	Department of the Interior and Local Government Bureau of Fire Protection	Ministry of Housing and Local Government Fire and Rescue Service Department	Ministry of Interior Bureau of General Administration and Local Government	Ministry of Public Safety Firefighting and Rescue Police Department	State The federal government has no direct authority over fire service.	Ministry of Interior Department of Disaster Prevention and Mitigation
Executing Organization	Central government has supervision over each fire department headquarters. Actual firefighting activities are carried by fire departments of National Capital Region, 12 Regions and 3 Autonomous Regions.	National Fire Service Fire and Rescue Departments are located in 13 states and 2 Federal Territories..	Municipality	Firefighting Department(in centrally-controlled cities and populated provinces) Firefighting and rescue division( in provinces without a Fire Department)	State Fire Service District	Municipality
Ambulance Service	In addition to fire departments, medical institutions such as the Red Cross, companies and municipalities also perform ambulance service.	The jurisdiction of the Ministry of Health	Hospitals, the Red Cross and Other Organizations	The jurisdiction of the Ministry of Health	Depending on the state, in general, the jurisdiction of the Ministry of Health	44 hospitals and 8 foundations

	Philippines	Malaysia	Indonesia	Vietnam	Australia	Thailand
Number of Fire Stations	1,207	284	1,207	174	Unknown	Unknown
Fire Personnel	22,109	13,490	22,109	19,691(2017)	Unknown	Unknown
Number of Fire Vehicles	2,073	1,765	0	1,234	Unknown	Unknown
Number of Fire	18,271	22,998	0	3,006	Unknown	Unknown
Fire per 10,000 population	1.8	2.3	0.0	0.3		
Fire Death	264	107	Unknown	98	Unknown	Unknown
Educational and Training Organization	Fire National Training Institute	Fire and Rescue Academy (1) Regional Training Center (4)	Jakarta Fire Training Center	University of Fire Fighting and Prevention	Fire Academy of the State	Institute of Disaster Management Capacity Development
Volunteer Fire Service (Unit/Personnel)	627/8,458(2000) (Private Fire Brigade)	227/13,191(2000)	25/1,200 (Jakarta)(2001)	Unknown	Unknown	Unknown/1,241,717 (Civil Defense)
Three Major Fire Causes	1 Electrical Connections 2 Lighted Cigarette butt 3 Open flame due to Torch/Sulo	1 Good Intention 2 Electricity 3 Cigarette	1 Electrical Fault 2 Other 3 Gas Furnace (Jakarta)	1 Electric incident 2 Flame use 3 Arson	1 Accidental 2 Inceniary 3 Undetermined (South Australia State)	1 Unknown 2 Unknown 3 Unknown
Emergency Reporting Numbers	No Nationwide Emergency Number Manila:117 Cebu:160, 999 Dabao:110	Fire 994/999 Police:999 Emergency Patient Transportation:999	Fire: 113 Police: 112	Fire:114 Police:113 Ambulance:115	Fire: 000 Police:000 Ambulance:000	Fire: 199 Police: 191 Traffic Police:1197 Ambulanse:1669
The Name of the Capital	National Capital District	Kuala Lumpur	Jakarta	Hanoi	South Australia State Adelaide	Bangkok
Area(km <sup>2</sup> )	613	243	661.52	3,329	984,377	740
Population(1,000)	12,880(2015)	1,790	10,177	769(2015)	1,700	570(2015)
The Name of the Fire Service Organization	Metro Manila Fire Department	Fire and Rescue Department of Federal Territory of Kuala Lumpur	Jakarta Special City Fire Department	Hanoi Fire Prevention and Fighting Police	South Australian Country Fire Service	Bangkok Fire and Rescue Department
Number of Fire Stations	21	18	25	15	20	35
Number of Personnel	3,211	913	2,803	1,614(2017)	861	1,590
Number of Fire Vehicles	111	91	547	92	82	1,134
Number of Fire	4,781	1,373	1,171	786	4,214	625
Number of Fire Death	59	1	21	19	11	11
Presence of White Paper on Fire Service	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown

Fire Service in Major Countries (Table 2-2)

Fire Service in Major Countries (Table 3-1)

	Singapore	Japan				
The Official Name of the Country	Republic of Singapore	Japan				
Area(1,000km <sup>2</sup> )	0.719	370.7				
Population (1,000 people)	5,610	127,781				
Municipality	Because Singapore is a city state, there are no local public bodies.	Prefecture (47) Municipality (1,795) (2016)				
Fire Service Organization of the Central Government	Ministry of Home Affairs Singapore Civil Defence Force	Ministry of Internal Affairs and Communications Fire and Disaster Management Agency				
Executing Organization	Singapore Civil Defence Force	Municipality				
Ambulance Service	Singapore Civil Defence Force	Fire Department				
Number of Fire Stations	21	1,712				
Fire Personnel	3,063	159,622				
Number of Fire Vehicles	197	15,574				
Number of Fire	4,114	36,773				
Fire per 10,000 population	7.3	2.9				
Fire Death	1	1,445				
Educational and Training Organization	Civil Defence Academy Basic Rescue Training Center	Fire Academy(Tokyo and other Municipality) Fire and Disaster Management Collage(FDMA)				
Volunteer Fire Service (Unit/Personnel)		2,209/850,331				
Three Major Fire Causes	1 Light thrown down 2 Electrical origin 3 Overheating of food	1 Arson 2 Cigarette 3 Cooking Stove				
Emergency Reporting Numbers	Fire:995 Police:999 Ambulance:995	Fire:119 Police:110 Ambulance:119				

	Singapore	Japan				
The Name of the Capital	Singapore	Tokyo				
Area(km <sup>2</sup> )	719.1	1,768				
Population(1,000)	5,610	13,301				
The Name of the Fire Service Organization	Singapore Civil Defence Force	Tokyo Fire Department				
Number of Fire Stations	21	81				
Number of Personnel	3,063	17,798				
Number of Fire Vehicles	197	1,111				
Number of Fire	4,114	3,978				
Number of Fire Death	1	84				
Presence of White Paper on Fire Service	FIRE, AMBULANCE AND ENFORCEMENT STATISTICS (SCDF)	To be issued annually by Fire and Disaster Management Agency				

Fire Service in Major Countries (Table 3-2)

Note: 1. Statistics in 2016 cited from IFCAA Fire Statistics May 2017 if available.

2. Area and population is in 2016 cited from IFCAA Fire Statistics May 2017 and World Statistics 2018 issued by the Statistics Bureau, Ministry of Internal Affairs and Communications

3. Number of Fire Vehicles other than cited from IFCAA Fire Statistics is the number of working pumpers and not including Foam Truck and Ladder.

4. Number of Fire in Germany and France is number of Emergency Runs

5. Data not available with 2016 use same years population to compare.