

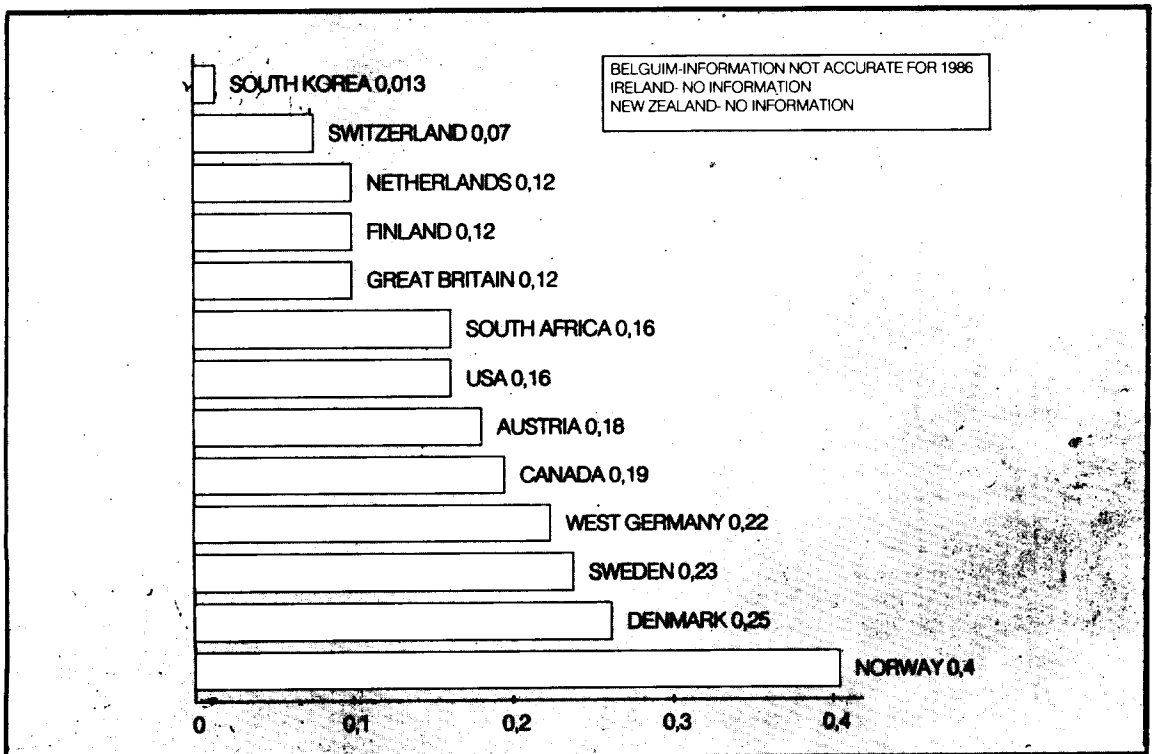
International Fire Losses

다음은 세계 각국의 방화협회(Fire Protection Association)에 의한 정보자료를 바탕으로 영국 방화협회가 작성한 1985년부터 1987년까지 3년간의 국제 화재손실통계이다. 이들 통계에 대하여 직접적으로 상호 비교하는 것은 각국가의 통계방법이 상이하기 때문에 신뢰도가 떨어질 수 있음을 밝혀둔다. 모든 손실액은 현지 국가의

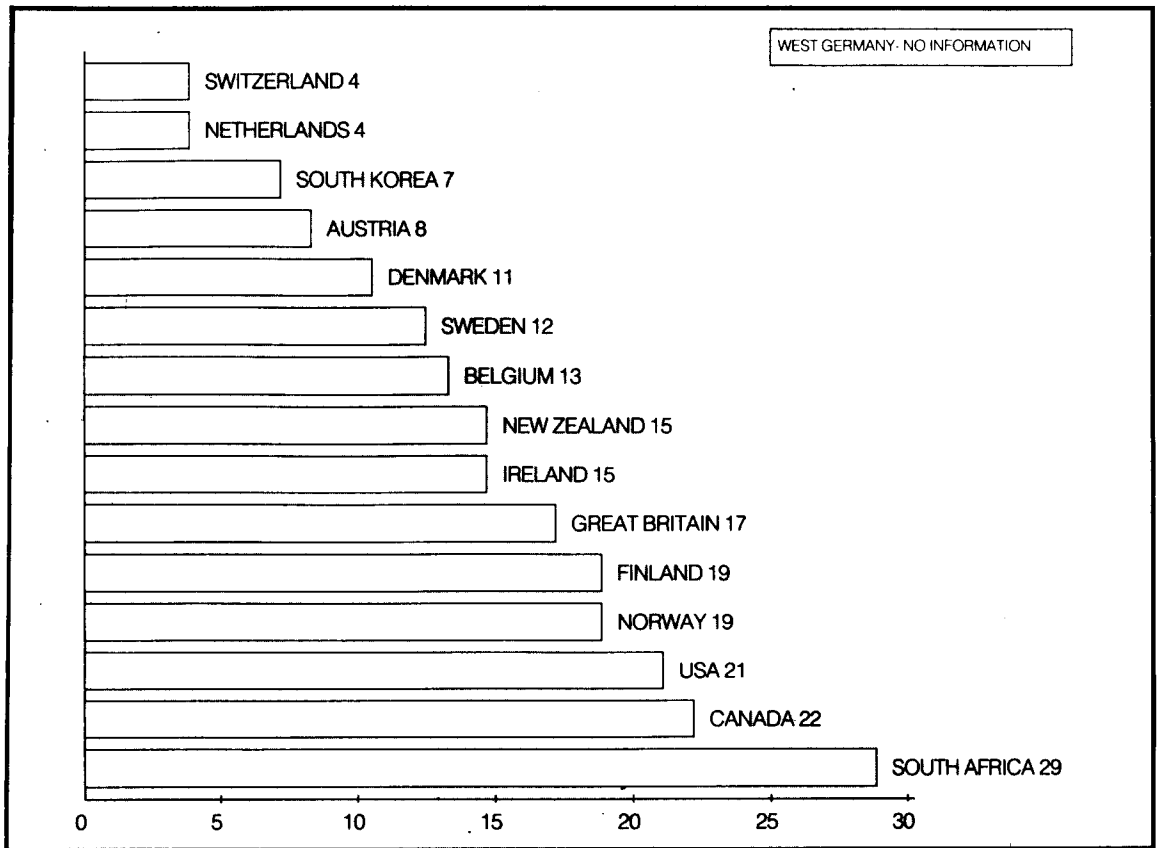
화폐단위를 기준으로 하였으며 인구 일인당 피해액은 원화로 표시하였다.

※ 1978년~1980년 통계자료는 방화정보 2호에,

1981~1984년 통계자료는 방화정보 50호에 게재되어 있음.



Fire loss as a percentage of GDP(1986)



Fire fatalities per million head of population(1986)

	1985	1986	1987	Average
AUSTRIA				
Number of fires in buildings per 1 000 people	1,57	1,54	1,56	
Number of deaths in fires per 100 000 population	0,728	0,767	0,726	
Number of deaths in fires per 1 000 fires in Buildings	4,64	4,99	4,66	
Cost of fire (material damage) schillings x 10 ⁶	2065	2549	3003	
Gross domestic product (GDP) shilling x 10 ⁹	1348	1423	1481	
Fire loss as percentage of GDP	0,15	0,18	0,20	0,18
Cost of fire per head of population (¥)	13,566	16,758	20,216	16,846
Fatalities per million head of population	7	8	7	7
BELGIUM*				
Number of fires in buildings per 1 000 people	1,25	1,29	2,53	
Number of deaths in fires per 100 000 population	1,35	1,28	1,50	
Number of deaths in fires per 1 000 fires in Buildings	10,86	9,95	5,94	
Cost of fire (material damage) Belgain francs x 10 ⁶	12 330	11 410	32 652	
Gross domestic product (GDP) Belgian francs x 10 ⁹	3849	4101	4251	
Fire loss as percentage of GDP			0,77	
Cost of fire per head of population (¥)			55,062	
Fatalities per million head of population	13	13	15	14

*Belgian figures for cost and numbers of fires for 1985 and 1986 are not a true picture.

	1985	1986	1987	Average
CANADA				
Number of fires in buildings per 1 000 people	2,76	2,67	2,62	
Number of deaths in fires per 100 000 population	2,17	2,18	2,01	
Number of deaths in fires per 1 000 fires in Buildings	11,40	11,58	11,01	
Cost of fire (material damage) Canadian dollars x 10 ⁶	926	974	956	
Gross domestic product (GDP) Canadian dollars x 10 ⁹	478 765	506 483	549 692	
Fire loss as percentage of GDP	0,19	0,19	0,17	0,18
Cost of fire per head of population(₩)	20,216	21,280	20,216	20,570
Fatalities per million head of population	22	22	20	21
DENMARK				
Number of fires in buildings per 1 000 people	3,67	3,73	3,46	
Number of deaths in fires per 100 000 population	1,9	1,1	1,7	
Number of deaths in fires per 1 000 fires in Buildings	5,09	2,88	4,91	
Cost of fire (material damage) Danish kroner x 10 ⁶	1638	1670	1918	
Gross domestic product (GDP) Danish kroner x 10 ⁹	620	667	693	
Fire loss as percentage of GDP	0,26	0,25	0,28	0,26
Cost of fire per head of population(₩)	29,260	30,324	33,782	31,122
Fatalities per million head of population	19	11	17	16
FINLAND				
Number of fires in buildings per 1 000 people	7,8	7,7		
Number of deaths in fires per 100 000 population	2,2	1,9		
Number of deaths in fires per 1 000 fires in Buildings				
Cost of fire (material damage) Finnish marks x 10 ⁶	418,9	438,4		
Gross domestic product (GDP) Finnish marks x 10 ⁹	334	358		
Fire loss as percentage of GDP	0,12	0,12		0,12
Cost of fire per head of population(₩)	12,502	13,566		13,034
Fatalities per million head of population	22	19		20,5
GREAT BRITAIN				
Number of fires in buildings per 1 000 people	1,84	1,86	1,82	
Number of deaths in fires per 100 000 population	1,72	1,68	1,63	
Number of deaths in fires per 1 000 fires in Buildings	9,34	9,06	8,92	
Cost of fire (material damage) £ x 10 ⁶	449,6	455,5	460,5	
Gross domestic product (GDP) £ x 10 ⁹	353 730	377 712	411 073	
Fire loss as percentage of GDP	0,13	0,12	0,11	0,12
Cost of fire per head of population(₩)	9,044	9,044	9,044	9,044
Fatalities per million head of population	17	17	16	17
IRELAND				
Number of fires in buildings per 1 000 people	6,67	7,22		
Number of deaths in fires per 100 000 population	1,81	1,47		
Number of deaths in fires per 1 000 fires in Buildings	2,71	2,04		
Cost of fire (material damage)				
Gross domestic product (GDP)				
Fire loss as percentage of GDP				
Cost of fire per head of population(₩)				
Fatalities per million head of population	18	15		16,5

	1985	1986	1987	Average
KOREA (SOUTH)				
Number of fires in buildings per 1 000 people	0,16	0,20	0,18	
Number of deaths in fires per 100 000 population	0,63	0,74	0,76	
Number of deaths in fires per 1 000 fires in Buildings	37,2	42,5	33,9	
Cost of fire (material damage) won x 10 ⁶	15 409	11 374	11 780	
Gross domestic product (GDP) won x 10 ⁹	75 510	86 652	99 790	
Fire loss as percentage of GDP	0,02	0,013	0,015	0,016
Cost of fire per head of population (₩)	346	266	266	293
Fatalities per million head of population	6	7	8	7
NETHERLANDS				
Number of fires in buildings per 1 000 people	0,76	0,74	0,74	
Number of deaths in fires per 100 000 population	0,55	0,43	0,60	
Number of deaths in fires per 1 000 fires in Buildings	7,2	5,9	8,2	
Cost of fire (material damage) Dutch guilders x 10 ⁶	713	772	766	
Gross domestic product (GDP) Dutch guilders x 10 ⁹	628	662	644	
Fire loss as percentage of GDP	0,11	0,12	0,12	0,12
Cost of fire per head of population (₩)	15,694	16,758	16,226	16,226
Fatalities per million head of population	5	4	6	5
NEW ZEALAND				
Number of fires in buildings per 1 000 people	1,39	1,38	1,30	
Number of deaths in fires per 100 000 population	1,55	1,55	1,08	
Number of deaths in fires per 1 000 fires in Buildings	1,11	1,18	0,83	
Cost of fire (material damage)				
Gross domestic product (GDP)				
Fire loss as percentage of GDP				
Cost of fire per head of population (₩)				
Fatalities per million head of population	15	15	11	
NORWAY				
Number of fires in buildings per 1 000 people		0,90	0,85	
Number of deaths in fires per 100 000 population	1,78	1,87	1,55	
Number of deaths in fires per 1 000 fires in Buildings		20,9	18,3	
Cost of fire (material damage) Norwegian kroner x 10 ⁶	2022	2098	2077	
Gross domestic product (GDP) Norwegian kroner x 10 ⁹	500 200	514 578	556 924	
Fire loss as percentage of GDP	0,4	0,4	0,37	0,39
Cost of fire per head of population (₩)	47,348	48,412	48,412	48,057
Fatalities per million head of population	18	19	15	17
SOUTH AFRICA				
Number of fires in buildings per 1 000 people	0,155	0,168	0,165	
Number of deaths in fires per 100 000 population	2,33	2,91		
Number of deaths in fires per 1 000 fires in Buildings				
Cost of fire (material damage) rand x 10 ⁶	168,49	209,87	320,15	
Gross domestic product (GDP) rand x 10 ⁹	113,7	133,1	157,0	
Fire loss as percentage of GDP	0,15	0,16	0,20	0,17
Cost of fire per head of population (₩)	1,064	2,394	3,458	2,305
Fatalities per million head of population	23	29		26

	1985	1986	1987	Average
SWEDEN				
Number of fires in buildings per 1 000 people	4,1	4,4	4,2	
Number of deaths in fires per 100 000 population	1,28	1,25	1,67	
Number of deaths in fires per 1 000 fires in Buildings	3,1	2,8	4,0	
Cost of fire (material damage) krona x 10 ⁶	2121	2144	2400	
Gross domestic product (GDP) krona x 10 ⁹	860	936	1009	
Fire loss as percentage of GDP	0,25	0,23	0,24	0,24
Cost of fire per head of population (₩)	25,802	25,802	24,860	25,488
Fatalities per million head of population	13	12	17	14
SWITZERLAND				
Number of fires in buildings per 1 000 people		2,3		
Number of deaths in fires per 100 000 population		0,36		
Number of deaths in fires per 1 000 fires in Buildings		1,58		
Cost of fire (material damage) Swiss francs x 10 ⁶		187,5		
Gross domestic product (GDP) Swiss francs x 10 ⁹		243,4		
Fire loss as percentage of GDP		0,07		
Cost of fire per head of population (₩)		10,622		
Fatalities per million head of population		4		
USA				
Number of fires in buildings per 1 000 people	3,60	3,32	3,12	
Number of deaths in fires per 100 000 population	2,21	2,07	2,01	
Number of deaths in fires per 1 000 fires in Buildings	6,31	6,23	6,44	
Cost of fire (material damage) dollars x 10 ⁶	7324	6709	7159	
Gross domestic product (GDP) dollars x 10 ⁹	4010	4235	4527	
Fire loss as percentage of GDP	0,18	0,16	0,16	0,17
Cost of fire per head of population (₩)	17,176	15,368	17,176	16,573
Fatalities per million head of population	22	21	20	21
WEST GERMANY				
Number of fires in buildings per 1 000 people	4,5	4,5		
Number of deaths in fires per 100 000 population				
Number of deaths in fires per 1 000 fires in Buildings				
Cost of fire (material damage) marks x 10 ⁶	4256	4200	4304	
Gross domestic product (GDP) marks x 10 ⁹	1845	1948	2023	
Fire loss as percentage of GDP	24,738	24,206	24,738	24,561
Cost of fire per head of population (₩)	93	91	93	93
Fatalities per million head of population				