Ministry of Interior – General Directorate

of Fire and Rescue Service of the Czech Republic

Statistical Yearbook 2012

Czech Republic

Fire Protection

Integrated Rescue System

Fire and Rescue Service of the Czech Republic

Praha 2012

Table of content

Notes:

Dash (-)	event didn't occur or wasn't monitored	D	deaths
Cross (x)	entry was omitted for logical reasons	I	injuries
Index %	compares the data of 2012 to the state in 2011 (unless stated otherwise)	FRS CR	Fire and Rescue Service of the Czech Republic
		VFU	Voluntary Fire Units
PSAP	Public Safety Answering Point	IRS	Integrated Rescue System

Unless otherwise noted, data in tables and graphs for 2012

Fire units‘ activities

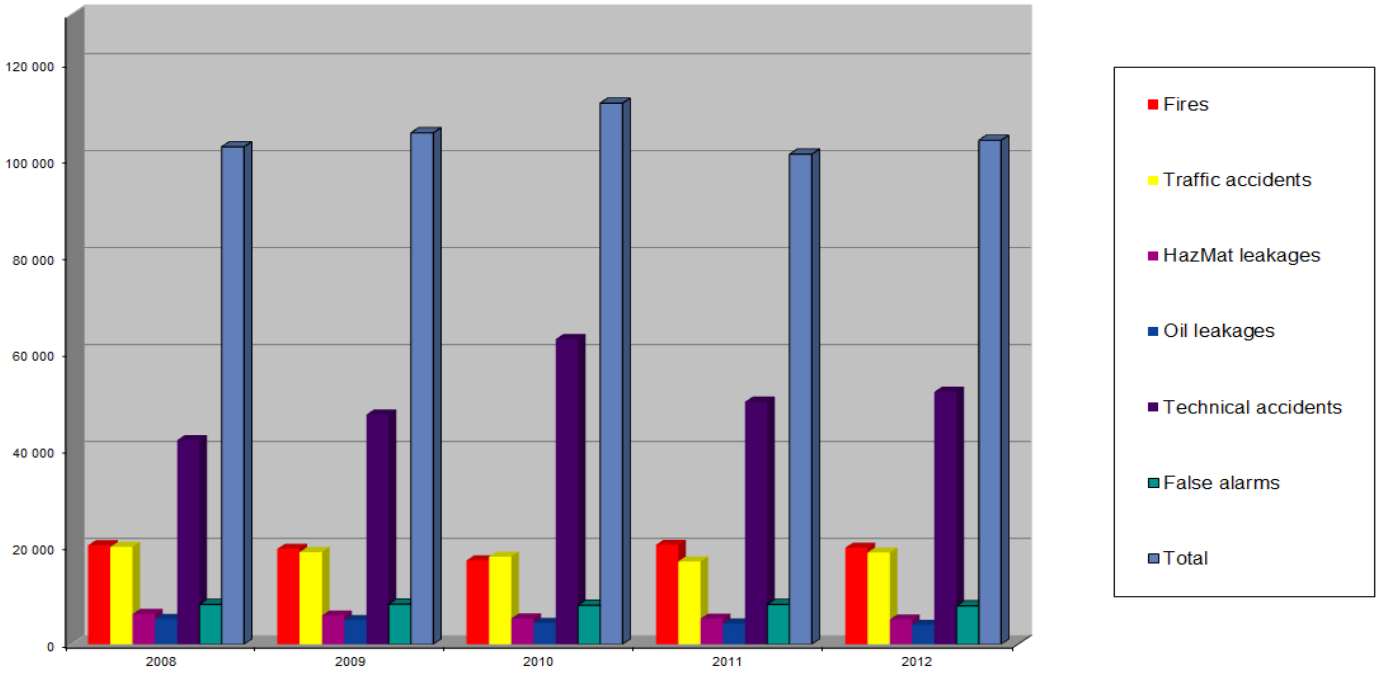
Number of particular types of incidents with fire units' intervention (number)

Incident type	Number of incidents					index %
	2008	2009	2010	2011	2012	
Fires	20 406	19 681	17 296	20 511	19 908	97
Traffic accidents	20 063	19 004	18 053	17 061	18 910	111
Natural disasters	5 599	5 240	- *)	- *)	- *)	x
HazMat leakages	6 242	5 916	5 300	5 285	5 106	97
from these oil products	5 218	4 991	4 407	4 251	3 990	94
Technical accidents in total	42 104	47 412	62 961	50 035	52 084	104
from these technical accidents	10	21	19	17	13	76
technical assistances	38 916	44 187	58 948	45 736	46 648	102
technological assistances	770	761	744	652	780	120
other assistances	2408	2 443	3 250	3 630	4 643	128
Radiation incidents	0	0	0	1	1	100
Other emergencies	17	10	2	6	67	1017
False alarms	8194	8 251	8 037	8 202	7909	96
Total	**102 625**	**105 514**	**111 649**	**101 101**	**103 985**	**103**

Note: The total also includes 12 incidents, that took place in abroad.

*) - Change of methodology related to natural disasters since 2010. Incidents resulting from the harmful effects of natural phenomena and forces (incl. weather) that threaten life, health, property or the environment and where the fire units intervened, are categorized by principal activity of the intervention and are marked with a special flag to track the cause of the incident. Incidents resulted from natural causes in 2012: total 6,049 interventions, from these 96 fires (especially due to lightning), 292 traffic accidents, 3 HazMat leakages, 5 632 technical assistances, 26 false alarms.

Incidents



14,432 persons were rescued and 54 258 people were evacuated by fire units during the interventions in 2012.

Number of firefighters killed and injured during interventions (number)

Category	2008		2009		2010		2011		2012		index %	
	D	I	D	I	D	I	D	I	D	I	S	I
Professional	0	276	0	269	0	287	0	303	0	332	0	110
Voluntary	1	130	1	149	0	171	0	102	1	122	x	120
Total	**1**	**406**	**1**	**418**	**0**	**458**	**0**	**405**	**1**	**454**	**x**	**112**

Died during intervention:

A voluntary member of VFU Lomnice, Sokolov district, died during grass fire intervention on 26th August 2012.

Number of interventions (including multiple interventions) in particular types of incidents by type of fire unit (number)

Incident type	FRS CR			Municipal VFU			Enterprises FRS		
	2011	2012	index %	2011	2012	index %	2011	2012	index %
Fires	21 290	21 331	100	15 188	16 766	110	1 427	1 289	90
Traffic accidents	17 853	20 055	112	2 306	3 595	156	1 007	1 029	102
HazMat leakages	4 673	4 602	98	780	848	109	576	596	103
from these oil products	3 649	3 386	93	646	711	110	407	463	114
Technical accidents in total	36 744	39 663	108	15 601	14 997	96	3 873	4 262	110
from these technical accidents	18	13	72	12	5	42	1	1	100
technical assistances	33 817	35 709	106	14 384	13 551	94	2 932	3 190	109
technological assistances	301	490	163	241	214	89	228	198	87
other assistances	2 608	3 451	132	964	1 227	127	712	873	123
Radiation incidents	3	1	33	0	0	0	0	0	0
Other emergencies	5	111	2220	1	0	0	0	2	x
False alarms	5 517	5 612	102	1 672	1 771	106	2 943	2 455	83
Total	**86 085**	**91 375**	**106**	**36 248**	**37 977**	**105**	**9 826**	**9 633**	**98**

Basic information on fire units

Basic information	Fires					
	2008	2009	2010	2011	2012	Index %
Number of interventions	35 910	35 602	31 994	37 977	39 505	104
from those in other regions	39	27	41	18	26	144
Number of incidents with multiple interventions	x	x	x	x	x	x
Total number of multiple interventions	x	x	x	x	x	x
Number of accidents in 3rd or special stage of alert	17	12	11	22	23	104
Number of intervening firefighters	201 184	201 364	177 325	209 921	218 661	104
Average number of firefighters per intervention	5,60	5,66	5,54	5,53	5,53	100
Average distance to incident in kilometres	7,32	7,32	7,24	7,33	8,07	110
Average intervention time in minutes	230	158	106	93	131	141
Number of incidents with use of protective equipment	3 411	3 520	3 418	3 494	3 706	106
Number of incidents with heat protective clothing	16	2	8	10	9	90
with chemical clothing	0	4	0	14	9	64
with air-type breathing apparatus	4 692	5225	5008	5136	5 681	111
with oxygen-type breathing apparatus	7	4	3	5	2	40

Enterprises VFU			other fire units			Total		
2011	**2012**	**index %**	**2011**	**2012**	**index %**	**2011**	**2012**	**index %**
52	76	146	20	43	215	37 977	39 505	104
4	11	275	1	17	1700	21 871	24 707	113
13	22	169	8	18	225	6 050	6 086	101
7	18	257	1	3	300	4 710	4 581	97
120	288	240	80	128	160	56 418	59 338	105
0	0	0	0	0	0	31	19	61
109	147	135	65	115	177	51 307	52 712	103
3	69	2300	0	0	0	773	971	126
8	72	900	15	13	87	3 307	5 636	170
0	0	0	0	0	0	3	1	33
0	0	0	0	1	x	6	114	1733
460	981	213	2	6	300	10 594	10 825	102
649	**1 378**	**212**	**111**	**213**	**192**	**132 919**	**140 576**	**106**

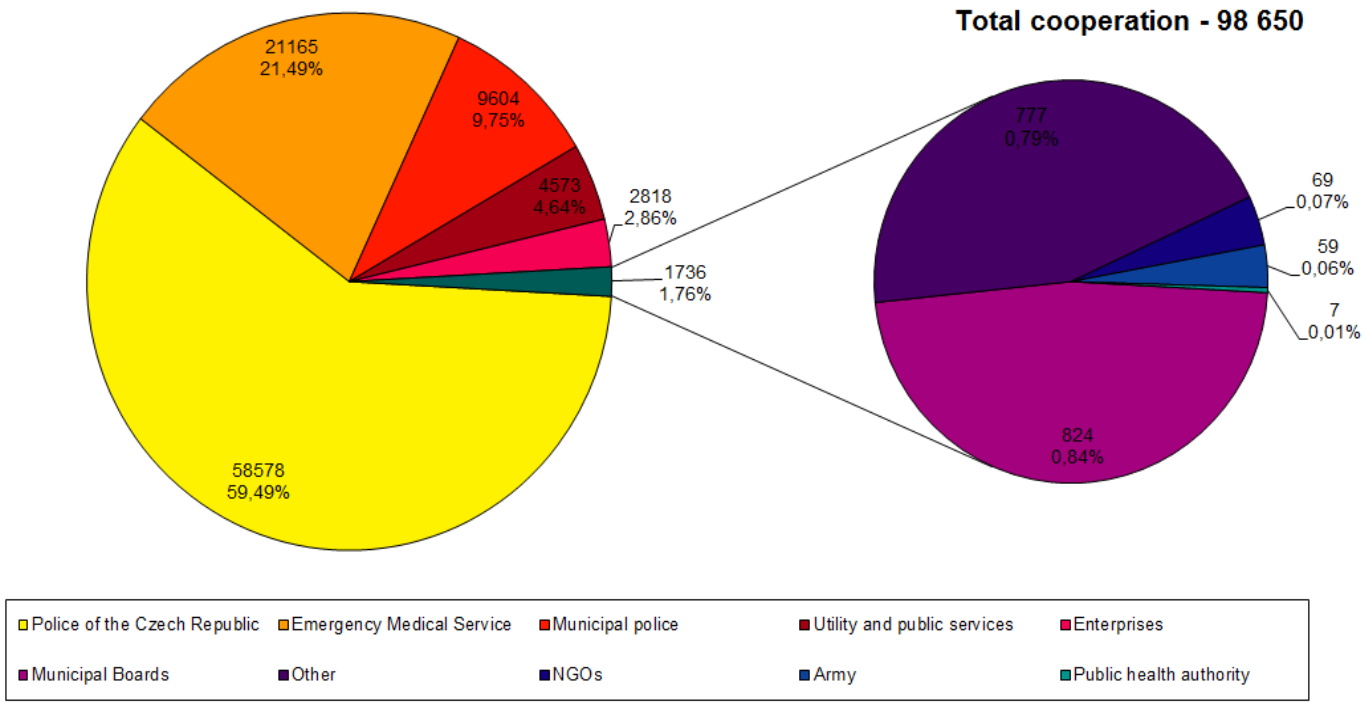
Technical interventions						False alarms					
2008	**2009**	**2010**	**2011**	**2012**	**Index %**	**2008**	**2009**	**2010**	**2011**	**2012**	**Index %**
83 258	90 612	111 691	84 348	90 246	107	10 251	10 106	10 473	10 594	10 825	102
88	85	143	99	416	420	7	13	8	9	12	133
315	757	915	251	318	127	26	23	32	34	46	135
2011	3 884	7 020	1 157	1 875	162	226	148	399	351	627	179
1	0	7	2	0	0	0	0	0	0	0	0
357 456	390 117	542 302	354 403	380 567	107	49 886	49 319	48 353	50 957	50 315	99
4,29	4,31	4,21	4,27	4,28	100	4,86	4,95	4,80	4,97	4,93	99
6,92	7,16	7,41	7,54	7,88	105	4,72	4,68	4,66	4,77	4,71	99
73	96	122	91	148	163	15	21	21	26	29	112
513	485	465	394	460	117	108	90	74	75	44	59
9	0	9	7	6	86	1	0	0	1	1	100
302	83	55	54	45	83	0	0	0	0	0	0
435	425	447	370	448	121	107	91	73	75	43	57
4	3	1	3	5	167	0	0	0	0	0	0

Incidents with intervention of military fire units

	2008	2009	2010	2011	2012	index %
Fires under MoD responsibility	155	194	111	224	276	123
Total damage (thousands CZK)	3 566,9	1 271,4	20 644,0	2 684,5	2 470,0	108
Salvaged values (thousands CZK)	62 128,0	17 355,0	484 710,0	27 673,0	92 300,0	334
Fires outside of MoD responsibility	8	8	4	17	12	71
Technical interventions under MoD	1 649	1 984	2 652	3 622	4 451	123
Technical interventions outside of MoD	7	6	45	8	7	87

Pursuant to Fire Act No. 133 of 1985 Coll., as amended, fire supervision in premises under responsibility of Ministry of Defence is provided by fire protection bodies of the MoD according to Article 85a. Military Fire Supervision body provides fire supervision of military objects, premises, military bases and in companies established by MoD according to Article 31. Military Fire Supervision body has 9 employees. Military fire units operate as fire units according to Article 65a. Within the Czech Army, 468 firefighters serve in 18 fire units. No fire unit is dislocated on mission abroad.

Cooperation of fire units in incidents



Major exercises of the Integrated Rescue System bodies in 2012

International USAR exercise Ostrava 2012, Czech Republic

From 16th to 19th October 2012, Ostrava became the meeting place of special search and rescue USAR teams, whose main mission is to rescue people from collapsed buildings and perform tasks of the international rescue operations. Theme of the exercise was to search and rescue people buried under the rubble of collapsed buildings due to the devastating earthquake in the fictional state Chachárie.

The exercise was attended by two Czech USAR teams (FRS of Moravian-Silesian Region and FRS of the City of Prague), seventy-member Polish USAR team and USAR team from Slovakia composed of 29 members.

The core activities of USAR teams, i.e. search and rescue people from collapsed buildings due to earthquake, took place in industrial area Lower Vitkovice in Ostrava, where with the help of heavy equipment of Emergency Unit of FRS and in cooperation with FRS CR blasters, the real environment was prepared to simulate objects heavily destructed due to the earthquake.

Czech USAR teams, whether combined as HEAVY USAR or separated as two MEDIUM USAR teams hold the exercise each year as part of preparations to the international emergency rescue operations and maintain the standards of INSARAG (International Search and Rescue Advisory Group operating under the UN Office for the Coordination of Humanitarian Affairs).

International canine teams meeting, Kaznějov, Czech Republic

From 13th to 16th June 2012, the former factory in Kaznejov held the 4th Canine meeting for USAR teams organized by the Ministry of Interior - General Directorate of Fire and Rescue Service of the Czech Republic. The theme of the exercise was the collapse of most urban buildings due to seismic events - earthquakes. The fictional town Vitacit suffered severe damage to the factory for the production of industrial and military explosives, that included the testing centre of ammunition. After the earthquake, a fire broke out on production lines with subsequent explosion which resulted in the total destruction of most buildings and the remaining buildings standing assumption was very unstable.

In the exercises the preselected cynologists of the Czech Republic and canine experts from Slovakia were involved. Practical deployment of canine teams and evaluation of their work in each of the tasks was carried out by the competition; the canine two-member team performed the tasks according to predefined scenarios. As the part of exercise, instructive and methodological workshop of attested cynologists and USAR teams from FRS of City of Prague and Emergency Unit of FRS was held.

Tactical IRS exercise with international participation MAAFEX 2012, Karlovy Vary Region

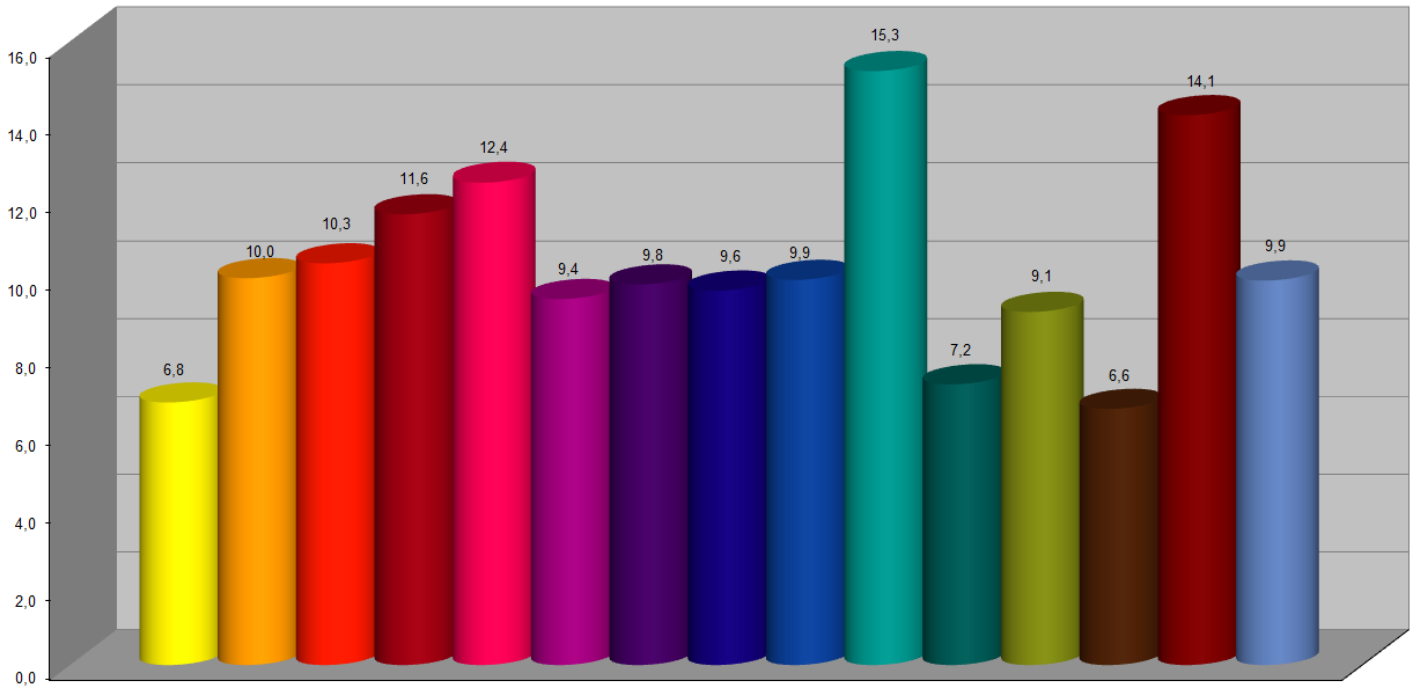
Exercise took place in the city Teplá at premises of the company Jitona on 22nd and 23rd June 2012. Exercise scenario was an earthquake of magnitude 7.5 near the city with consequent disruption of the near dam, tidal waves and managing the consequences of earthquakes and floods. A large number of fire units, rescue services, emergency management authorities of region and municipalities and non-governmental organizations were involved in the exercise. Also the cooperation with the German THW (Technisches Hilfswerk) was tested.

The exercise was time-and spatially divided into seven separate sections, in which there were activities such as search and rescue, securing buildings, construction and operation of the humanitarian aid bases, flood protection, evacuation and material humanitarian aid.

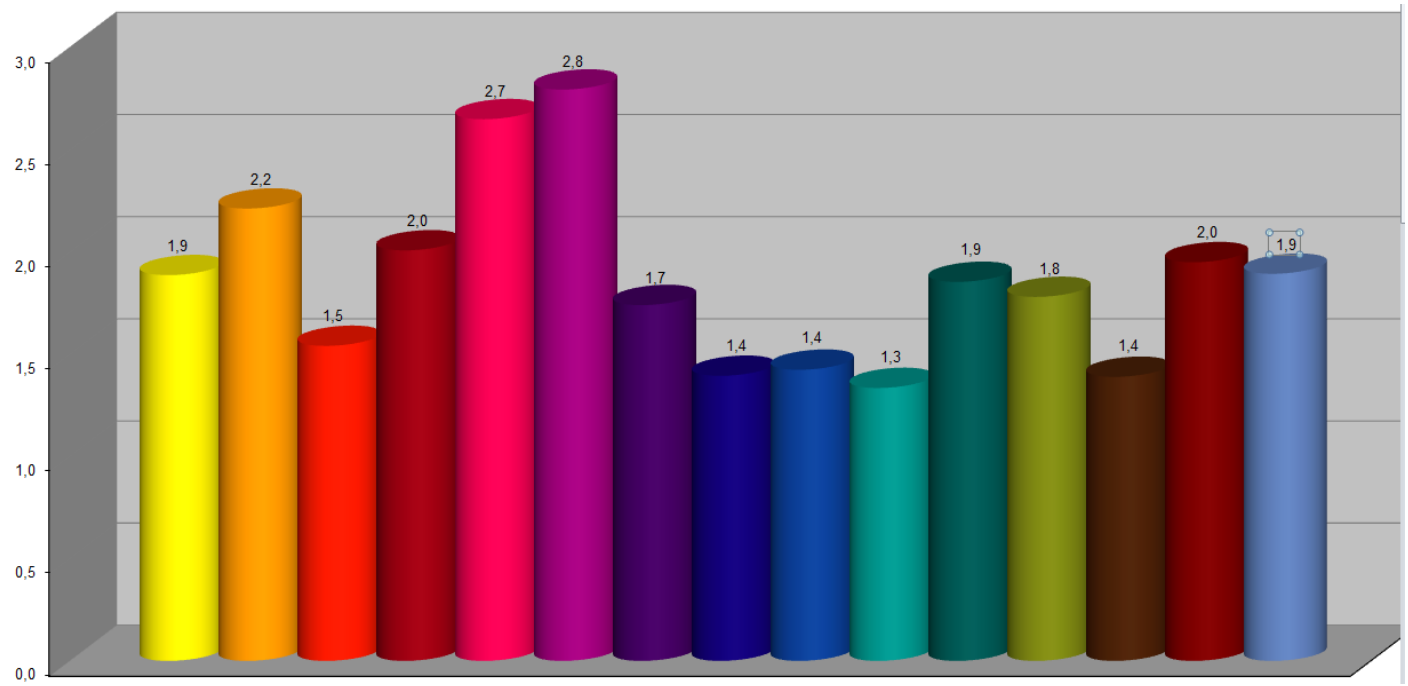
Ministry of Interior - General Directorate of Fire and Rescue Service of the Czech Republic has sent for the first time a ewly created outpost health unit called Traumateam. This special unit is designed for deployment in international rescue operations and is created by Ministry of Interior - General Directorate of Fire and Rescue Service of the Czech Republic in collaboration with the Ministry of Health, The University Hospital Brno and FRS of City of Prague.

Number of incidents in regions (per 1000 inhabitants)

Incidents total



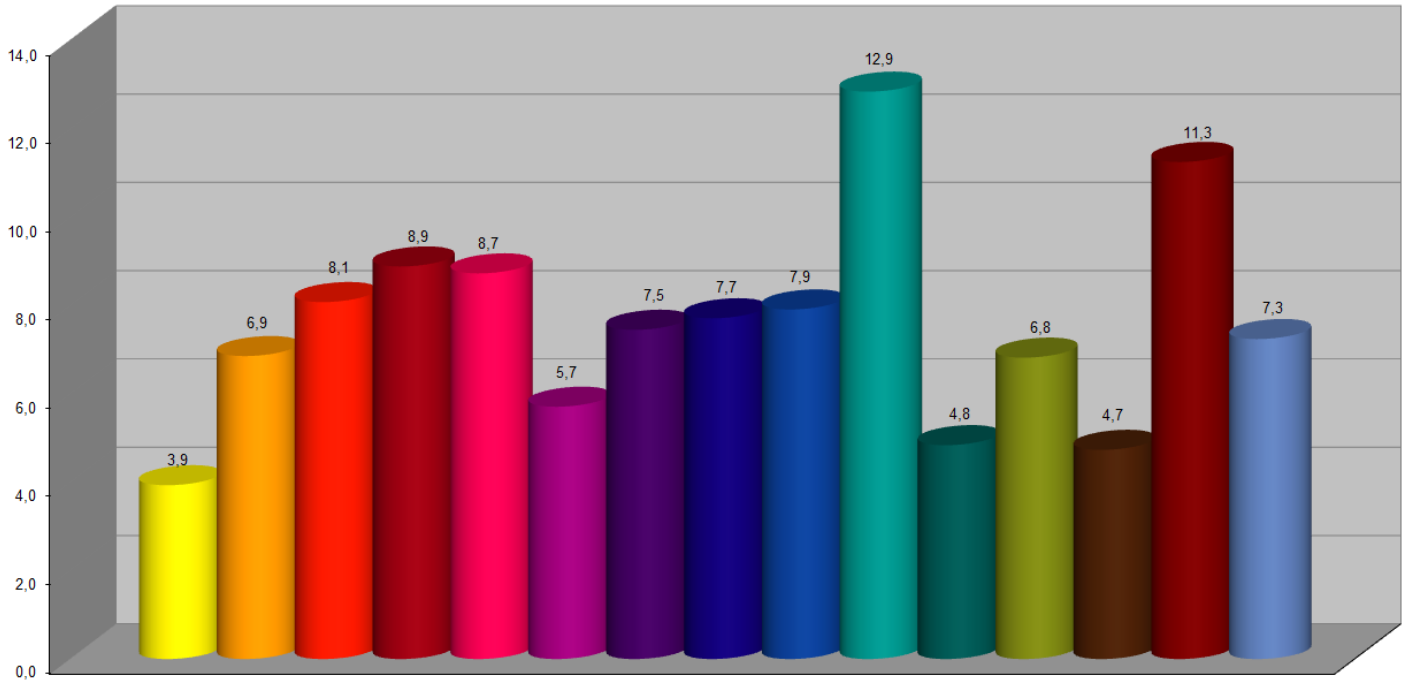
Fires



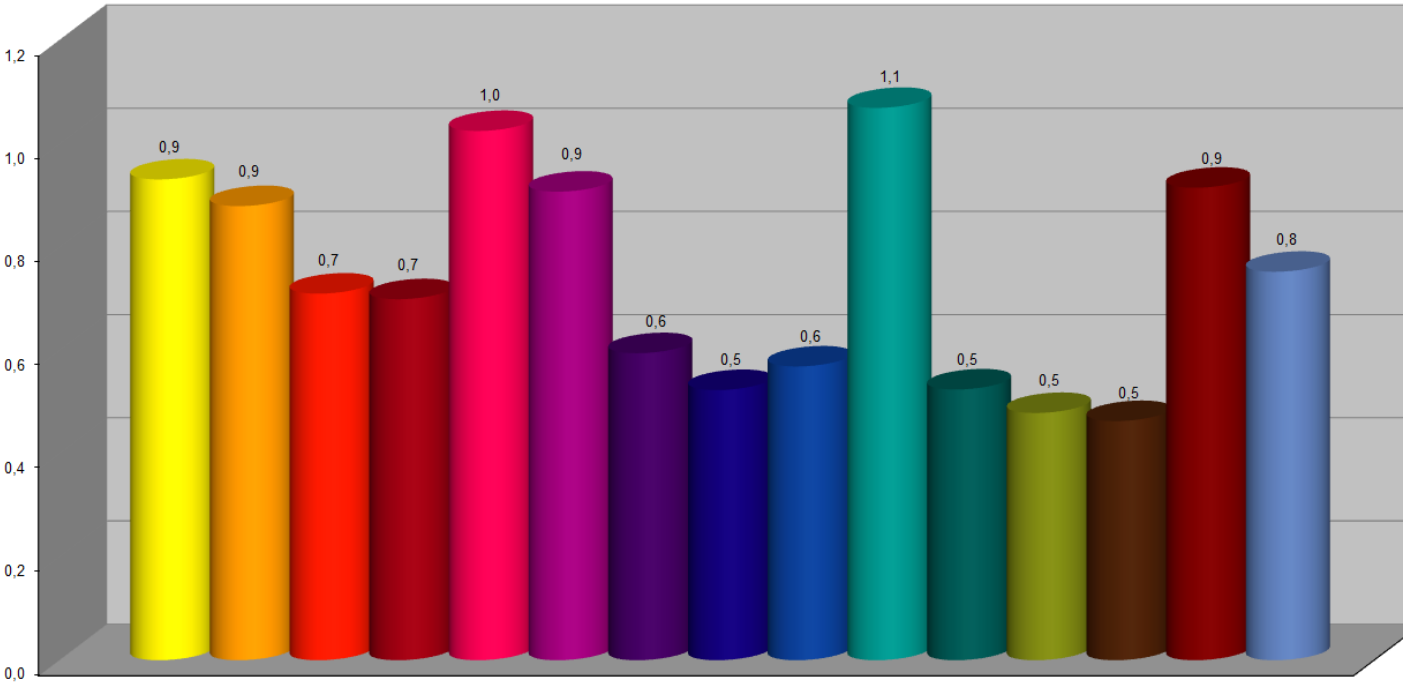
Cumulative information on incidents in regions

Incident type	City of Prague	Central Bohemian	South Bohemian	Plzeň	Karlovy Vary	Ústí nad Labem
Fires	2 345	2 833	981	1 149	804	2 316
Traffic accidents	745	3 001	1 168	1 470	528	1 087
HazMat leakages	806	729	244	283	253	638
from these oil products	660	598	224	246	211	547
Technical accidents in total	3 336	5 052	3 731	3 320	1 867	3 007
from these technical accidents	0	0	0	0	0	2
technical assistances	3 222	3 905	3 338	2 995	1 545	2 597
technological assistances	9	90	48	31	174	94
other assistances	105	1 057	345	294	148	314
Radiation incidents	0	0	1	0	0	0
Other emergencies	3	0	1	12	1	2
False alarms	1 157	1 126	452	400	311	752
Total	**8 392**	**12 741**	**6 578**	**6 634**	**3 764**	**7 802**

Technical interventions



False alarms



Liberec	Hradec Králové	Pardubice	Vysočina	South Moravian	Olomouc	Zlín	Moravian-Silesian	CR
764	773	736	684	2 164	1 138	819	2 402	**19 908**
1 056	1 233	1 274	1 403	1 602	1 291	822	2 230	**18 910**
336	173	34	244	410	220	163	573	**5 106**
276	140	24	200	227	171	115	351	**3 990**
1 880	2 870	2 775	4 928	3 638	2 848	1 791	11 041	**52 084**
8	0	1	0	1	1	0	0	**13**
1 777	2 711	2 381	4 347	3 404	2 633	1 425	10 368	**46 648**
6	11	36	176	20	12	30	43	**780**
89	148	357	405	213	202	336	630	**4 643**
0	0	0	0	0	0	0	0	**1**
0	0	7	6	2	2	16	15	**67**
261	290	294	548	612	306	273	1 127	**7 909**
4 297	**5 339**	**5 120**	**7 813**	**8 428**	**5 805**	**3 884**	**17 388**	**103 985**

Interventions in districts and regions

District (region)	Interventions total		FRS CR			Municipal VFU			Enterprises FRS			Other units	
	Number	Ind.%	Number	Ind.%	% in total	Number	Ind.%	% in total	Number	Ind.%	% in total	Number	% in total
City of Prague	**9372**	**100**	**7817**	**102**	***83,4***	**341**	**102**	***3,6***	**1205**	**89**	***12,9***	**9**	***0,1***
Benešov	1359	107	838	112	*61,7*	479	101	*35,2*	39	97	*2,9*	3	*0,2*
Beroun	1244	93	914	103	*73,5*	312	75	*25,1*	15	43	*1,2*	3	*0,2*
Kladno	1715	111	1277	108	*74,5*	395	121	*23,0*	38	123	*2,2*	5	*0,3*
Kolín	1063	107	791	113	*74,4*	211	107	*19,8*	59	66	*5,6*	2	*0,2*
Kutná Hora	992	111	703	110	*70,9*	174	108	*17,5*	110	120	*11,1*	5	*0,5*
Mělník	1619	91	920	100	*56,8*	274	100	*16,9*	421	72	*26,0*	4	*0,3*
Mladá Boleslav	2182	99	1065	99	*48,8*	172	88	*7,9*	943	102	*43,2*	2	*0,1*
Nymburk	988	100	653	98	*66,1*	267	107	*27,0*	66	93	*6,7*	2	*0,2*
Prague-east	2044	102	1328	102	*65,0*	641	104	*31,4*	72	87	*3,5*	3	*0,1*
Prague-west	1705	106	1109	108	*65,0*	544	99	*31,9*	44	142	*2,6*	8	*0,5*
Příbram	1372	98	917	100	*66,8*	420	93	*30,6*	33	118	*2,4*	2	*0,2*
Rakovník	860	112	555	114	*64,5*	299	113	*34,8*	5	33	*0,6*	1	*0,1*
Central Bohemian	**17143**	**102**	**11070**	**105**	***64,6***	**4188**	**100**	***24,4***	**1845**	**91**	***10,8***	**40**	***0,2***
České Budějovice	2418	114	1893	108	*78,3*	409	142	*16,9*	111	123	*4,6*	5	*0,2*
Český Krumlov	1042	110	700	103	*67,2*	253	116	*24,3*	89	185	*8,5*	0	*0,0*
Jindřichův Hradec	1202	104	679	104	*56,5*	475	107	*39,5*	48	80	*4,0*	0	*0,0*
Písek	768	94	516	101	*67,2*	220	82	*28,6*	32	86	*4,2*	0	*0,0*
Prachatice	806	98	442	109	*54,8*	325	81	*40,3*	31	148	*3,8*	8	*1,0*
Strakonice	656	92	477	87	*72,7*	146	118	*22,3*	28	76	*4,2*	5	*0,8*
Tábor	1034	99	711	104	*68,8*	270	95	*26,1*	46	77	*4,4*	7	*0,7*
South Bohemian	**7926**	**104**	**5418**	**104**	***68,4***	**2098**	**104**	***26,5***	**385**	**107**	***4,8***	**25**	***0,3***
Domažlice	887	105	610	109	*68,8*	245	111	*27,6*	31	51	*3,5*	1	*0,1*
Klatovy	1608	110	1020	107	*63,4*	462	99	*28,7*	38	115	*2,4*	88	*5,5*
Plzeň-south	848	95	564	102	*66,5*	251	85	*30,0*	33	85	*3,9*	0	*0,0*
Plzeň-city	2190	98	1779	97	*81,2*	289	103	*13,2*	122	115	*5,6*	0	*0,0*
Plzeň-north	1218	106	789	109	*64,8*	378	101	*31,0*	51	94	*4,2*	0	*0,0*
Rokycany	750	89	534	95	*71,2*	191	80	*25,5*	25	58	*3,3*	0	*0,0*
Tachov	1141	116	635	109	*55,7*	269	96	*23,5*	237	239	*20,8*	0	*0,0*
Plzeň	**8642**	**103**	**5931**	**103**	***68,6***	**2085**	**95**	***24,1***	**537**	**123**	***6,2***	**89**	***1,0***
Cheb	1545	108	1000	103	*64,7*	373	115	*24,1*	172	122	*11,1*	0	*0,0*
Karlovy Vary	1808	100	953	100	*52,7*	781	100	*43,2*	73	95	*4,0*	1	*0,1*
Sokolov	1617	114	844	140	*52,2*	612	104	*37,8*	155	69	*9,6*	6	*0,4*
Karlovy Vary	**4970**	**106**	**2797**	**111**	***56,3***	**1766**	**104**	***35,5***	**400**	**90**	***8,1***	**7**	***0,1***
Děčín	1946	104	1118	106	*57,5*	749	100	*38,5*	56	97	*2,9*	23	*1,1*
Chomutov	1594	87	736	97	*46,2*	582	79	*36,5*	276	85	*17,3*	0	*0,0*
Litoměřice	1249	94	867	99	*69,4*	321	81	*25,7*	59	116	*4,7*	2	*0,2*
Louny	1169	86	705	97	*60,3*	399	71	*34,1*	64	84	*5,5*	1	*0,1*
Most	1262	84	752	85	*59,6*	136	54	*10,8*	374	103	*29,6*	0	*0,0*
Teplice	1414	91	933	100	*66,0*	356	93	*25,2*	119	52	*8,4*	6	*0,4*
Ústí nad Labem	1241	90	869	91	*70,0*	222	85	*17,9*	149	90	*12,0*	1	*0,1*
Ústí nad Labem	**9875**	**91**	**5980**	**97**	***60,6***	**2765**	**83**	***28,0***	**1097**	**87**	***11,1***	**33**	***0,3***
Česká Lípa	1804	131	771	122	*42,7*	1002	139	*55,5*	30	107	*1,7*	1	*0,1*
Jablonec nad Nisou	1095	123	795	113	*72,6*	235	147	*21,5*	65	250	*5,9*	0	*0,0*
Liberec	2160	113	1219	132	*56,4*	837	104	*38,8*	99	124	*4,6*	5	*0,2*
Semily	1131	145	747	132	*66,1*	359	176	*31,7*	25	278	*2,2*	0	*0,0*
Liberec	**6190**	**127**	**3532**	**125**	***57,1***	**2433**	**129**	***39,3***	**219**	**148**	***3,5***	**6**	***0,1***
Hradec Králové	2448	143	1392	123	*56,9*	944	191	*38,6*	53	83	*2,1*	59	*2,4*
Jičín	927	112	631	102	*68,1*	241	140	*26,0*	55	138	*5,9*	0	*0,0*
Náchod	1399	96	854	101	*61,0*	533	109	*38,1*	7	78	*0,5*	5	*0,4*
Rychnov nad Kněžnou	1211	111	686	132	*56,7*	480	91	*39,6*	44	157	*3,6*	1	*0,1*
Trutnov	1471	127	796	125	*54,1*	658	128	*44,7*	15	500	*1,0*	2	*0,1*
Hradec Králové	**7456**	**122**	**4359**	**116**	***58,5***	**2856**	**130**	***38,3***	**174**	**121**	***2,3***	**67**	***0,9***
Pardubice	1830	116	1167	108	*63,8*	452	139	*24,7*	208	126	*11,4*	3	*0,1*
Svitavy	1471	112	1059	114	*72,0*	397	107	*27,0*	15	136	*1,0*	0	*0,0*
Ústí nad Orlicí	2239	116	1400	117	*62,5*	612	118	*27,3*	212	95	*9,5*	15	*0,7*
Pardubice	**6878**	**115**	**4482**	**113**	***65,2***	**1936**	**119**	***28,1***	**442**	**108**	***6,4***	**18**	***0,3***
Havlíčkův Brod	1747	99	1223	92	*70,0*	391	103	*22,4*	131	215	*7,5*	2	*0,1*
Jihlava	2093	103	1515	102	*72,4*	433	98	*20,7*	54	51	*2,6*	91	*4,3*
Pelhřimov	1566	93	1039	92	*66,4*	514	94	*32,8*	13	186	*0,8*	0	*0,0*
Třebíč	1979	98	1411	111	*71,3*	333	86	*16,8*	235	64	*11,9*	0	*0,0*
Žďár nad Sázavou	2032	99	1256	96	*61,8*	623	100	*30,7*	23	209	*1,1*	130	*6,4*
Vysočina	**9417**	**98**	**6444**	**99**	***68,4***	**2294**	**97**	***24,4***	**456**	**83**	***4,8***	**223**	***2,4***

District (region)	Interventions total		FRS CR			Municipal VFU			Enterprises FRS			Other units	
	Number	Ind.%	Number	Ind.%	% in total	Number	Ind.%	% in total	Number	Ind.%	% in total	Number	% in total
Blansko	1202	104	732	100	*60,9*	443	110	*36,9*	27	108	*2,2*	0	*0,0*
Brno-city	3938	112	3363	107	*85,4*	391	163	*9,9*	128	100	*3,3*	56	*1,4*
Brno-county	3353	115	2189	111	*65,2*	1045	125	*31,2*	103	112	*3,1*	16	*0,5*
Břeclav	1362	104	765	100	*56,2*	548	110	*40,2*	49	107	*3,6*	0	*0,0*
Hodonín	1625	136	795	120	*48,9*	739	151	*45,5*	85	198	*5,2*	6	*0,4*
Vyškov	1324	119	843	110	*63,7*	401	127	*30,3*	77	257	*5,8*	3	*0,2*
Znojmo	1075	110	695	106	*64,6*	359	114	*33,4*	21	300	*2,0*	0	*0,0*
South Moravian	**13879**	**114**	**9382**	**108**	***67,6***	**3926**	**127**	***28,3***	**490**	**132**	***3,5***	**81**	***0,6***
Jeseník	662	98	423	101	*63,9*	232	94	*35,1*	7	70	*1,0*	0	*0,0*
Olomouc	2483	101	1737	100	*70,0*	615	111	*24,7*	129	82	*5,2*	2	*0,1*
Prostějov	1493	129	989	118	*66,2*	471	163	*31,6*	33	122	*2,2*	0	*0,0*
Přerov	1894	116	1257	106	*66,4*	469	139	*24,7*	168	140	*8,9*	0	*0,0*
Šumperk	1432	110	825	109	*57,6*	552	114	*38,5*	54	93	*3,8*	1	*0,1*
Olomouc	**7964**	**110**	**5231**	**110**	**65,7**	**2339**	**122**	***29,4***	**391**	**105**	***4,9***	**3**	***0,0***
Kroměříž	1104	92	697	99	*63,1*	388	81	*35,2*	19	76	*1,7*	0	*0,0*
Uherské Hradiště	1470	132	777	111	*52,9*	435	130	*29,6*	31	53	*2,1*	227	*15,4*
Vsetín	1774	107	758	115	*42,7*	640	100	*36,1*	111	76	*6,3*	265	*14,9*
Zlín	2033	109	1276	117	*62,8*	611	93	*30,1*	136	126	*6,6*	10	*0,5*
Zlín	**6381**	**109**	**3508**	**111**	***55,0***	**2074**	**98**	***32,5***	**297**	**88**	***4,6***	**502**	***7,9***
Bruntál	1917	92	1054	104	*55,0*	800	79	*41,7*	46	184	*2,4*	17	*0,9*
Frýdek-Místek	3637	106	1746	110	*48,0*	1529	99	*42,0*	361	125	*10,0*	1	*0,0*
Karviná	3510	103	2496	108	*71,1*	899	93	*25,6*	115	111	*3,3*	0	*0,0*
Nový Jičín	2326	111	1111	123	*47,8*	1029	105	*44,2*	186	89	*8,0*	0	*0,0*
Opava	2556	114	1471	115	*57,6*	857	124	*33,5*	228	81	*8,9*	0	*0,0*
Ostrava-city	8652	101	7127	103	*82,3*	934	83	*10,8*	586	106	*6,8*	5	*0,1*
Moravian-Silesian	**22598**	**104**	**15005**	**107**	***66,4***	**6048**	***96***	***26,8***	**1522**	**104**	***6,7***	**23**	***0,1***

Proportion of types of fire units in the total number of interventions

- FRS CR – 66.4 % of all interventions. Total of 240 fire units registered as of December 31, 2012.
- Municipal VFU – 27.7 % of all interventions. Total of 7,207 fire units registered in several categories: II - 228, III - 1,328, V - 5,651. From the total number as many as 921 (12.8 %) fire units operated in only one intervention and 3,849 (53.4 %) of them didn't operate at all. The main types of intervention of municipal VFU were fires, technical interventions and traffic accidents.
- Enterprises FRS – 5.6 % of all interventions. Total of 98 fire units, from those 18 military fire units. The main types of intervention were technological assistances, technical interventions and false alarms.
- Enterprises VFU – 0.3 % of all interventions. Total of 171 fire units. The main types of intervention were fires, technical interventions and false alarms.

Total number od firefighters in the Czech Republic in 2012: 9,330 professional firefighters of FRS CR (6,199 in fire units) and 1,113 civil employees of FRS CR; 2,900 professional firefighters of enterprises FRS incl. 468 military firefighters; 70,311 voluntary firefighters of municipal VFU and enterprises VFU.

Number of particular activities of fire units

Activity type	FRS CR		Municipal VFU		Enterprises FRS		Enterprises VFU	Total	
	Number	*Index %*	Number	*Index %*	Number	*Index %*	Number	Number	*Index %*
fire assistance	293	172	256	94	93	100	114	**756**	**118**
assistance with searching/destroying explosives	85	91	15	79	9	75	5	**114**	**90**
recognition	83038	108	25502	108	8389	97	4498	**121427**	**108**
fire extinguishers	441	106	137	94	79	75	72	**729**	**98**
simple extinguishing equipment	2230	107	1414	130	193	103	395	**4232**	**116**
D stream water	269	103	158	155	17	113	26	**470**	**117**
C stream water	5710	102	5199	106	535	90	954	**12398**	**104**
B stream water	250	86	220	94	25	74	67	**562**	**89**
monitors	453	103	489	108	58	100	68	**1068**	**106**
high pressure water	7655	95	2168	103	344	83	90	**10257**	**94**
high expansion foam	3	x	0	0	1	x	0	**4**	**200**
medium expansion foam	145	431	13	186	18	180	0	**176**	**320**
low expansion foam	94	90	27	73	25	109	0	**146**	**87**
detergent	347	82	208	134	20	54	8	**583**	**94**
powder from mobile equipment	6	86	2	100	4	100	2	**14**	**108**
inert gas from mobile equipment	25	74	1	x	9	180	0	**35**	**90**
special technical equipment	191	113	41	84	5	71	12	**249**	**106**
water pumping	1221	138	1371	94	270	103	507	**3369**	**108**
hose remote water transport	59	80	143	74	5	83	62	**269**	**74**
shuttle remoter water transport	531	131	1425	130	37	67	175	**2168**	**126**
water refilling	1709	113	2894	120	211	91	479	**5293**	**115**
cooking	864	97	326	89	114	84	63	**1367**	**95**
natural ventilation	3482	106	869	110	232	88	131	**4714**	**106**
forced ventilation	1495	101	409	109	84	83	13	**2001**	**102**
insulation, separation of materials	46	75	5	45	19	146	7	**77**	**80**
neutralisation	24	50	5	500	13	130	2	**44**	**73**
dilution	43	88	11	52	24	80	2	**80**	**79**
agents transfer	273	99	17	100	27	123	2	**319**	**100**
spill bordering and obstructing	861	102	119	95	88	81	11	**1079**	**99**
agent collection after leakage (excl. oil products)	338	108	39	115	50	102	11	**438**	**106**
identification of spilled agent	618	114	46	105	56	68	18	**738**	**109**
sampling	260	160	9	113	4	200	19	**292**	**149**
gas concentration measurement	1501	121	20	118	116	72	10	**1647**	**116**
accident site securing	10855	117	1980	116	588	95	73	**13496**	**116**
removing the effect of traffic accidents	9233	110	1495	105	512	100	53	**11293**	**109**
traffic regulation on roads	6411	131	1533	131	119	149	94	**8157**	**131**
obstacles removal	12611	124	4647	128	1773	134	754	**19785**	**126**
oil leakage removal - vehicles fillings	9374	101	1427	100	455	116	68	**11324**	**102**
fire protection measures	9471	120	870	154	89	114	25	**10455**	**122**
environmental protection	1058	117	756	103	91	118	130	**2035**	**110**
lighting the place of action	2544	107	1016	115	109	96	65	**3734**	**108**
water surface intervention	429	110	157	107	14	117	29	**629**	**111**
underwater intervention	231	92	91	70	1	25	25	**348**	**79**
operation of hazardous equipment	50	79	23	177	1	20	1	**75**	**90**
temporary repair	975	109	170	99	142	99	22	**1309**	**105**
constructions dismantling	2667	99	2101	107	109	84	366	**5243**	**102**
utilities closing	2768	110	357	97	77	105	52	**3254**	**111**
breaking into closed spaces	13489	107	855	97	111	89	37	**14492**	**106**
snow and ice removing	202	x	92	x	49	x	17	**360**	**x**
intervention at the height using climbing equipment	429	100	68	85	73	100	14	**584**	**99**
height and depth interventions	3315	94	652	85	126	90	63	**4156**	**92**
Searching for persons	934	101	470	109	43	88	104	**1551**	**102**
searching and rescue of persons from water	151	89	39	87	1	33	5	**196**	**87**
disengagement from depths	146	99	28	140	5	167	6	**185**	**108**
disengagement from heights	136	95	17	113	7	175	0	**160**	**96**
disengagement from crashed vehicles	1180	98	227	120	25	156	3	**1435**	**102**
disengagement from lifts	1159	107	42	114	151	156	10	**1362**	**112**
disengagement from collapsed buildings	26	104	8	67	3	x	0	**37**	**97**
patient transport	3710	124	475	173	735	126	22	**4942**	**128**
other rescue of persons	1161	116	205	122	59	92	73	**1498**	**123**
prehospital care	2853	117	594	125	381	106	159	**3987**	**119**
cooperation on medical care	2766	125	256	167	28	122	12	**3062**	**128**

Activity type	FRS CR		Municipal VFU		Enterprises FRS		Enterprises VFU	Total	
	Number	*Index %*	Number	*Index %*	Number	*Index %*	Number	Number	*Index %*
items disengagement	694	125	199	100	42	102	41	**976**	**116**
animal netting and search	648	119	186	111	34	142	34	**902**	**119**
capture and destruction of vermin	2471	56	1586	50	80	48	332	**4469**	**55**
evacuation of persons from objects	242	119	96	150	40	133	12	**390**	**126**
evacuation of persons territorial	27	270	11	79	6	100	1	**45**	**136**
evacuation of property	294	107	286	103	8	160	62	**650**	**106**
evacuation of animals	609	150	143	151	8	114	18	**778**	**146**
establishing and running of evacuation centre	6	150	1	25	0	0	1	**8**	**100**
dangerous area marking	294	125	70	83	13	65	18	**395**	**111**
decontamination of persons incl. Firefighters	28	165	4	400	4	100	3	**39**	**163**
decontamination of equipment	24	160	1	50	4	44	2	**31**	**92**
transport of drinking water, food and survival supplies	55	204	141	207	3	300	9	**208**	**187**
distribution of drinking water and food	67	176	30	136	1	100	6	**104**	**151**
provision of technical components to IRS bodies	251	2092	9	x	4	x	1	**265**	**2 038**
logistics	260	156	192	97	10	91	34	**496**	**121**
river and water streams monitoring	352	7040	237	x	15	1500	74	**678**	**9686**
waiting for special services	1477	118	232	133	156	100	32	**1897**	**118**
photo and video documentation	7496	194	394	205	683	196	11	**8584**	**194**
back-up on incident site	1832	122	3475	118	155	101	771	**6233**	**118**
backup on home base	11	17	813	125	3	75	18	**845**	**126**
backup on other base	213	93	904	116	7	350	42	**1166**	**112**
other	4969	104	1715	99	681	103	434	**7799**	**102**
no intervention after arrival	1363	73	590	84	54	46	83	**2090**	**71**
Total	**238577**	**110**	**75524**	**108**	**19062**	**102**	**12144**	**345307**	**109**

Adverse conditions

Type	Number	Index %	Type	Number	Index %
Late arrival of fire units			**Fire fighting conditions**		
Improper function of notification center	14	67	Lack of protective equipment	4	100
Failure of communication means	131	142	Fire equipment malfunction	53	136
Late reporting after noticing	22	200	Incorrect use of resources	3	300
Late alarm after reporting	15	167	Poor cooperation of owner/user	43	143
Late response after alarm	14	280	Other	9	225
Difficult access to the site	415	127	**Intervention impeding circumstances**		
Vehicle malfunction on route	12	120	Smoke or toxic substances	399	162
Requested local fire unit did not respond	41	1 367	Heat radiation, melting of materials	78	144
Late request of auxiliary unit	0	0	Electric current not switched off	61	145
Other	73	197	Explosion or destruction risk	91	154
Fire fighting conditions			Insufficient access area	54	138
Lack of resources	5	250	Insufficient operating and evacuating route	56	130
Lack of basic equipment	11	157	Temperature below -10 °C	228	877
Lack of special equipment	18	164	Other weather related conditions	476	204
Lack of water	17	89	Technological adverse conditions	10	100
Lack of other fire fighting means	2	x	Other	60	140

Fire of used tyres, Vrdy-Koudelov, Kutná Hora district

Fires of tyre landfills is one of the most challenging incidents in terms of the large deployment of forces and means of intervening fire units, duration of response and the need for large quantities of extinguishing agents (water, heavy foam) and also because of the large amount of stored material in thick layers on large area. In case of fire is fire spread to lower layer hard to reach. Therefore it is difficult to get extinguishing agents in contact to the burning material and they tend to run down the surface. In addition to high intensity radiant heat that spreads and evaporates supplied extinguishing agent the fire is characterized also by a significant evolution of toxic fumes. Some are released directly into the atmosphere, other flow down the surface together with extinguishing agent and threatens contamination of the subsoil and water resources. The waste resulted from fire is then also to be environmentally disposed.

On March 4 2012, a fire of large quantities of tyres and crushed parts stored in a silage pit area of about 5 x 8 meters occurred in a former farmhouse in the village Vrdy-Koudelov, Kutná Hora district. Several C streams were deployed to fight the fire, as well as few heavy and medium foam streams to prevent the spread of fire to neighbouring tyres and prevent access of oxygen to the lower layers of the burning material. Because of the inaccessibility of fire several wheel loaders from FRS Emergency Unit were summoned for removal of tyres into the open space, where tyres were extinguished. Later when the silo became a "water lagoon", it was decided to soak burning tyres in the flooded gutter. At the same time the affected area was covered by large quantities of heavy and medium foam for loaders protection and prevention further spread of the fire. To final disposal and dismantling of burning layers, the incident commander requested excavators to work in deep water that accumulated during two-days intervention. Because of large quantities of contaminated waste water and gaseous extinguishing combustion, near water resources and air quality in the affected communities were monitored. In the intervention, fire units used a total of 2.5 million litres of water and consumed 18,000 litres of foam concentrate. Fire was suppressed after two days by total of 27 fire units and several pieces of heavy equipment. The total area of tyre landfill was 2,000 sq. meters.

On the basis of past experience, fire units apply two types of tactics. One is the removal of stored material and extinguishing in the weaker layers, the latter procedure is soaking the material in containers filled with a mixture of water and surfactant (Polák method). The second procedure is proven as more efficient in terms of disposal costs and the level of risk to natural water sources.

Forest fire, Bzenec, Hodonín district

In terms of major intervention activities of fire protection units not often mentioned, but still very dangerous are Forest fire. In the Czech Republic, firefighters encounter mostly small forest and grass fires, which do not cause great damage to property or lives. Yet, when you combine natural elements like fire and wind up with a drought or habitat that supports the rapid spread of fire, the result is an extraordinary event overshadowing in scale and significant need for the deployment of forces and resources after all the others.

A village Bzenec in Hodonín district, South Moravian Region, became definitely a milestone of firefighting history. On 24 May 2012, the driver of forest vehicle reported at 15:58 a fire to Fire and Rescue PSAP. At that time, nobody had an idea in what proportions the event unfolds. About ten minutes later, the first fire unit reached the place. The estimated extent of the affected area was 50 x 50 m of low grass. However, in the location so-called "Moravian Sahara" covered by dry sandy terrain with mostly pine trees, a fire fueled by strong winds quickly spread with the frequent change of the direction of propagation. Gradually, the second, third and then a special degree of alarm was declared. On the first day on the spot intervened about 250 firefighters with plenty of rescue equipment. Despite this fact, the fire was not located until late evening of the following day. This was caused by a strong gust of wind, which expanded ground fire into the crowns of trees. A crown fire is characterized by a considerable rate of surface diffusion, a sudden change in the direction of propagation by air flow, and overcoming vacant lots in the stand by "breaking" at large distances. Fire units had to retreat place even at the cost of leaving the material resources on the site and save at least fire equipment with accelerated shift to a safe place. Otherwise, they find themselves trapped in a fire and endanger not only fire equipment, but also their lives. For aerial fire fighting aviation equipment of Police, Army

and Aerial Fire Service was activated (total 4 helicopters and three airplanes). Need for modifying the terrain and dismantling burning walls requested the equipment of FRS Emergency Unit, especially special fire tank and automotive excavator. The deployment of fire units was supported by special forestry machine Harvestor. Within the interregional assistance a number of equipment for inaccessible terrain, the forest specials, was deployed. With regard to the length of the intervention and the need to deploy a large number of firefighters, also the offer of assistance from the Slovak Republic in the form of two teams for forest fires, a total of 14 units, was accepted.

Water supply was organized by shuttle service from the underground hydrants and water treatment plant in the village Bzenec and long-distance hose transport from the Morava River with bulk pumps. Total number of deployed fire units reached 208 (1,500 firefighters and

360 pieces of fire fighting equipment). Final suppression of fire was reported on 30 May, the seventh day after the sighting.

Warehouse fire of weaving factory Mileta, Hořice, Jičín district

Large-scale fires in industrial buildings already became an unwelcomed tradition in the Czech Republic. They are characterized especially by great need for the deployment of fire units, an enormous range of affected areas, a significant number of endangered persons, materials or high value technology and consequently extremely high damage caused due to fire, combustion, collapsed structures, etc. The intervention is also often complicated by difficult orientation in complex environments, structured internal layout of the buildings, the presence of pipelines, power lines and equipment energized, frequent presence of large quantities of hazardous, flammable or explosive substances, etc. All this places high demands on emergency management activities of the commander and professional readiness and physical fitness of fire fighters.

On Saturday, 22 December 2012, at 5:55 am, a fire on the premises of Mileta company in Hořice was reported to PSAP in Hradec Králové. The company specializes in the production of textiles using cotton yarn. Technologies for the processing of basic raw materials to shipment of finished products are placed in the lobby of the overall dimensions of 70 x 200 x 11 meters, designed as a fire zone on two floors. The first floor is especially weaving, preparatory and dispatch of finished products. Archives, offices and employee facilities are located on the second floor.

The first fire unit came from station in Hořice. The entrance to the campus was very complicated at the first phase of an ongoing intervention because of the closed gate. The evacuation took place before the arrival of the unit. The survey found strong smoke in warehouse space. Already during the first deployment of offensive streams the rapid spread of fire occurred, especially due to the large amount of stored yarn and textiles. Subsequently, the electricity was turned off in the affected area and also gradually throughout the campus. The commander, in anticipation of large scale events, set up a staff and announced special - the highest level of alarm. Three pieces of high-rise equipment were requested to place for fire fighting. As result of great heat the roof gradually collapsed and structures of side of the hall were deformed. After less than 8 hours after reporting the incident the fire was confined and time-consuming outbreaks suppression was started. During the three days more than 140 firefighters and 36 pieces of fire fighting equipment were deployed.

Although the fire heavily damaged or destroyed facilities preparation and shipping of products, including storage, the intervention managed to protect areas

and technologies critical to the business. This allowed to re-start production within one week after the event.

Incident in 3rd stage and special stage of alert

3rd stage of alert

January 14 fire of apartment house, Vrbno pod Pradědem, Bruntál district, 12 fire units intervened over 16 hours with other IRS bodies, evacuation, intervention complicated by large amounts of snow and the lack of fire fighting water, salvaged values of CZK 20 million

March 4 fire of used tyres and rubber dump, Vrdy-Koudelov, Kutná Hora district, 27 fire units intervened for 5 days with technology provided on request a large amount of stored material, high consumption of extinguishing agents, the use of heavy equipment for transportation of materials, five firefighters injured, cause - negligence during welding

March 27 forest fire in the area of 2 hectares, Lomnice-Jahodná, Brno-venkov district, 14 fire units intervened for 7 hours, complex terrain, aerial fire fighting, damage estimated 440 thousand CZK, salvaged value of 5 million CZK

March 28 forest fire in the area of 1 hectare, Staré Hamry, Frýdek-Místek district, 44 fire units intervened for 3 days, aerial fire fighting, damage of 2 million CZK, salvaged value of 15 million CZK, 1 firefighter injured, cause - unknown

April 29 forest fire on army premises in the area of 6 hectares, Podivice, Vyškov district, 14 fire units intervened for 14 hours, aerial fire fighting, mobile command center deployed, assistance of army

April 29 forest fire in the area of 3 hectares, Česká Třebová, Ústí nad Orlicí district, 13 fire units intervened for 3 days, direct damage of 100 thousand CZK, salvaged value of 10 million CZK, cause - negligence, the unattended fire

April 30 forest and grass fire in the area of 2 hectares, Lažánky, Brno-venkov district, 17 fire units intervened for 2 days, complex terrain, aerial fire fighting, mobile command center deployed, damage of 100 thousand CZK, salvaged value of 5 million CZK, cause - unclear

May 1 forest fire in the area of 1 hectare, Lažánky, Brno-venkov district, re-ignition of suppressed fire, 16 fire units intervened for 10 hours, mobile command center deployed

May 9 fire of technology in production hall, Plzeň-Křimice, Plzeň-město district, 17 fire units intervened for 24 hours with other IRS bodies, presence of large amounts of toxic flammable substances (35 tons), assistance of FRS chemical laboratory Třemošná, damage of 38 million CZK, salvaged value of 50 million CZK

May 23 forest fire in the area of 2.5 hectares, Černá Hora, Blansko district, 12 fire units intervened for 7 hours, complicated by strong wind aerial fire fighting, damage of 240 thousand CZK, salvaged value of 2 million CZK, cause - lightning

May 23 forest fire in the area of 0.4 hectares, National Park Hřensko-Mezná, Děčín district, 12 fire units intervened for 2 days, complicated terrain, difficult conditions for intervention, hose remote water transport at a distance of 2.5 km, salvaged value of 500 thousand CZK

June 5 fire of construction materials warehouse roof, Horní Bříza , Plzeň-sever district, 13 fire units intervened for 10 hours, shuttle remote water transport, welding sets cylinder explosion, damage of 2.9 million CZK, salvaged value of 8 million CZK, cause - negligence during welding

July 2 fire of lorry and shoe store after traffic accident, Přerov, 14 fire units intervened for 20 hours with other IRS bodies, canine group deployed, 87 persons evacuated, 1 person rescued, danger of gas explosion and building destruction, damage of 2.9 million CZK, salvaged value of 5 million CZK

August 28 waste landfill fire, Praha - Dolní Měcholupy, 18 fire units intervened for 2 days with other IRS bodies, fire in the area of 50 x 10 meters outside and 15 x 15 meters inside a hall monitoring air quality, damage 0.5 million CZK, salvaged value of CZK 2 million CZK, cause – unclear

September 10 fire of Asian market, Černovice, Brno-město district, 23 fire units intervened for 1 day with other IRS bodies, total ignition of stored materials inside the building two 15 kg propane gas bottles removed, damage of 3 million CZK, 3 firefighters injured, cause - unclear

September 19 mass hayloft fire, Rudná pod Pradědem, Bruntál district, 14 fire units intervened for 2 days, total area 60 x 25 meters, damage 1.5 million CZK, salvaged value of 700 thousand CZK

October 15 fire of tyre warehouse of Zetor comapny, Brno-Líšeň, 16 fire units intervened for 7 hours with other IRS bodies, assistance of FRS chemical laboratory Tišnov, use of COBRA equipment, damage of 1 million CZK, salvaged value of 20 million CZK, cause - self-ignition

November 14 fire of former sugar factory, Zákolany, Kladno district,25 fire units intervened for several days with other IRS bodies, building dimension 50 x 15 meters damage of 40 million CZK, salvaged value of 5 million CZK, 1 firefighter injured

November 17 waste landfill fire, Bulovka-Arnoltice, Liberec district, 16 fire units intervened for 3 days with other IRS bodies and entities providing assistance on request, fire spread to adjacent building, assistance of FRS chemical laboratory Kamenice and equipment of FRS Emergency Unit, damage of 0.2 million CZK, salvaged value of 0.4 million CZK, cause - deliberate ignition

December 7 fire of wood and flooring warehouse, Luleč, Vyškov district, 22 fire units intervened for 2 days with other IRS bodies, hall dimension 80 x 20 meters, presence of large quantities of flammable gases and liquids, damage of 19 million CZK, cause - under investigation

December 13 fire of former freezing hall, Mochov, Praha-východ district, 23 fire units intervened for 12 hours, hall dimension 110 x 60 meters, assistance of FRS chemical laboratory Kamenice damage of 5 million CZK, salvaged value of 3 million CZK, 2 firefighters injured, cause - negligence

Special stage of alert

May 24 forest fire in the area of 174 hectares, Bzenec, Hodonín district, 207 fire units (1,500 firefighters) intervened for 7 days with other IRS bodies and entities providing assistance on request, mobile operation center deployed, aerial fire fighting and aerial monitoring, interregional and international assistance damage of 27.7 million CZK, salvaged value of 400 million CZK

December 22 warehouse fire of weaving factory Mileta, Hořice, Jičín district, 17 fire units (140 firefighters) intervened for 3 days, yarn store dimensions 110 x 55 meters and height of 11 meters, use of high elevation equipment, hose remote water transport and shuttle remote water transport, damage of 250 million CZK, salvaged values of 350 million CZK, 1 firefighter injured

Emergency calls

Emergency call is the most frequent way how to call for assistance or how to notify about information important for public safety. Emergency call works:

- continuously,
- for all citizens,
- throughout the territory,
- free of charge,
- in all telephone networks, and
- from any voice terminal equipment of telephone networks.

Emergency call is a service of the state, which provides protection of basic human rights – to protect life, health and property. Pursuant to information from an emergency call the IRS bodies begin its activities, especially they deploy units to the spot of reported events. This information is transmitted electronically as data messages to the operational centres of the IRS bodies.

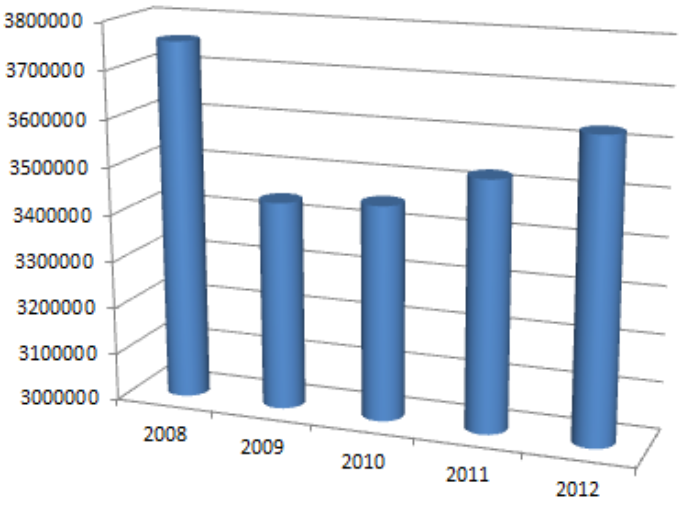
FRS CR receives emergency calls to national emergency call number 150 and to single European emergency call number 112. To receive emergency calls FRS CR operates advanced nationwide telecommunications technology, deployed in 14 regional call centres. All emergency calls to 112, all emergency calls to 150 from mobile phones, and all emergency calls to 150 from fixed telephone network are dispatched through new technologies. In 2012 the process of emergency calls integration was finished in all regions of the Czech Republic.

Single European emergency call number 112 can be reached free of charge with fixed and mobile devices in all EU Member States and also in several non-EU states - Croatia, Montenegro, Norway, Liechtenstein, Island and Turkey. Deployment of 112 is expected in Ukraine, Bosnia and Herzegovina and Serbia. Bulgaria, Denmark, Finland, Island, Malta, Netherlands, Portugal, Romania and Sweden has made 112 the sole emergency call number. In the Czech Republic 112 is operated alongside with national emergency call numbers.

Results of Eurobarometer survey shows the rise of knowledge about 112 as domestic emergency call number to 58 % and also the knowledge about 112 as EU-wide number has increased to 51 %. In 2012, the information on the existence and usage of 112 met 47% of respondents, mainly through television (79%). At the same time, 33% of respondents said that they received information about 112 on Internet (best result in Europe) and 17% of them got the information in roaming SMS welcome message. According to the Eurobarometer survey 17 % of respondents carried out an emergency call in 2012, while 18% of those called 112. Demographic evaluation survey also shows that with increasing age people prefer to use a single emergency number.

The total number of 4,094,452 calls was received by FRS PSAPs.

Number of emergency calls (number 112)



Fires

Basic indicators

In 2012, compared to 2011, number of fires decreased by 3%, losses increased by 27.7%. Total of 326 major fires (loss over 1 mil. CZK), i.e. 1.6 % of all fires, caused 71% of overall damage. Number of casualties dropped by 3.1%, whereas injuries increased by 11.6%.
Firefighters rescued 726 persons in fire operations and 4,469 persons were evacuated.
The review shows, that in 2012 average of 56 fires with and average damage of 7,800,000 CZK occurred in the Czech Republic.

Indicator	Value
Number of fires	20 492
Losses (CZK)	2 861 527 700
Salvaged values (CZK)	10 637 936 000
Deaths	125
Injuries	1 286

Salvaged values were 3.7 times higher than losses.

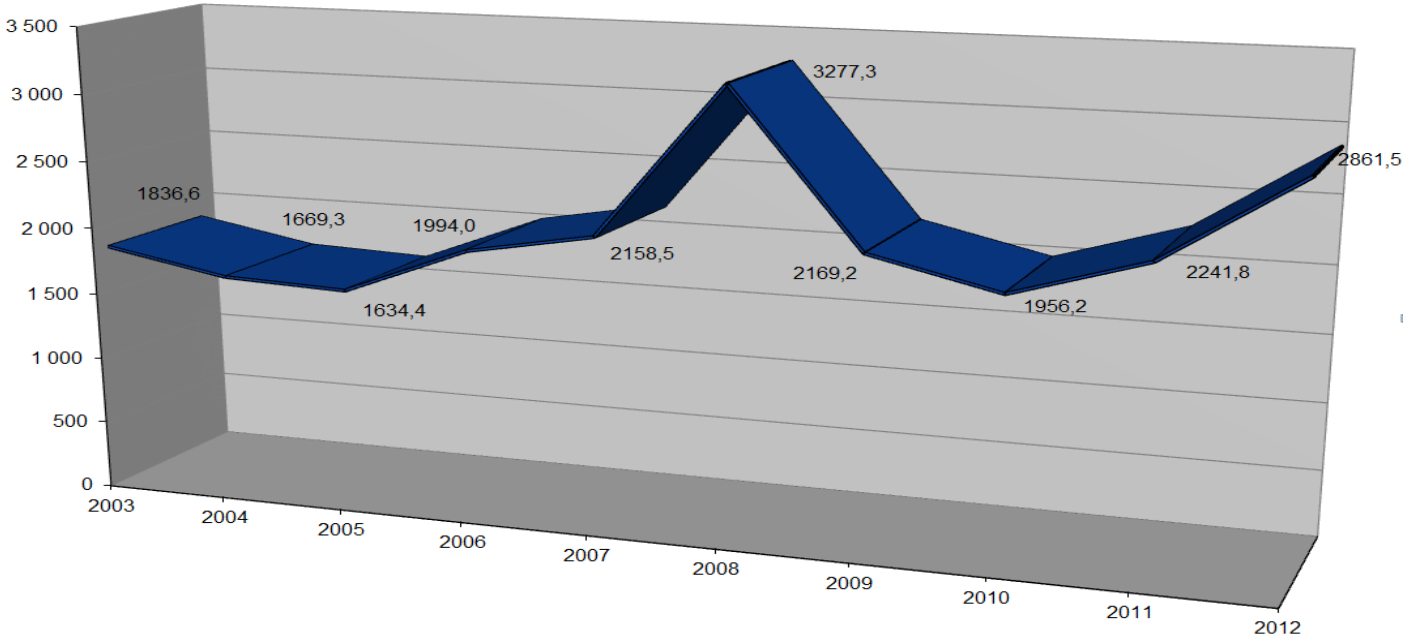
Fires - review

Year	Number of fires	Loss in CZK	Deaths	Injuries
1998	24 041	1 902 566 000	96	1 123
1999	20 857	2 088 610 700	105	934
2000	20 919	1 426 340 200	100	975
1996 - 2000	**87 357**	**5 417 516 900**	**436**	**4 058**
2001	17 285	2 054 670 000	99	881
2002	19 132	3 731 915 000	109	942
2003	28 937	1 836 614 900	141	1 112
2004	21 191	1 669 305 100	126	918
2005	20 183	1 634 371 000	139	914
2001 - 2005	**106 728**	**10 926 876 000**	**614**	**4 767**
2006	20 262	1 933 991 700	144	919
2007	22 394	2 158 494 200	130	1 023
2008	20 946	3 277 297 400	142	1 109
2009	20 177	2 169 150 200	117	980
2010	17 937	1 956 159 200	131	1 060
2006 - 2010	**101 716**	**11 495 092 700**	**664**	**5 091**
2011	21 125	2 241 800 100	129	1 152
2012	20 492	2 861 527 700	125	1 286

Salvaged values

Year	Salvaged values
1998	6 925 493 000
1999	8 907 455 000
2000	6 584 192 000
1996 - 2000	**22 417 140 000**
2001	6 230 121 000
2002	6 251 751 000
2003	7 646 975 000
2004	6 977 363 000
2005	7 110 116 000
2001 - 2005	**34 216 326 000**
2006	9 182 541 000
2007	8 974 428 000
2008	14 545 693 000
2009	9 074 906 000
2010	11 515 762 000
2006 - 2010	**53 293 330 000**
2011	8 078 932 000
2012	10 637 936 000

Losses in fires



Deaths and injuries in fires

Category	2008		2009		2010		2011		2012		Index	
	D	I	D	I	D	I	D	I	D	I	D	I
Children under 15 years	2	56	3	36	3	62	2	72	0	74	0	103
Persons 15 - 60 years	116	760	81	674	105	749	97	795	85	877	88	110
Persons over 60 years	23	66	33	79	23	54	30	105	39	103	130	98
Professional firefighters	0	144	0	111	0	118	0	127	0	148	0	117
Voluntary firefighters	1	83	0	80	0	77	0	53	1	77	x	145
Total	**142**	**1109**	**117**	**980**	**131**	**1060**	**129**	**1152**	**125**	**1286**	**97**	**112**

Number of fires and losses by place of origin

Building	Number	Index %	Loss in thous. CZK	Index %	Deaths	Injuries
Public building, buildings for transport and telecommunications	783	99	245972,8	91	11	107
Apartments	1 737	99	135671,3	122	21	349
Houses and dwellings	1 697	102	273924,2	106	33	269
Buildings for production and services	334	99	525656,7	91	1	22
Energetic production buildings	85	86	162859,3	455	1	2
Buildings for parking	121	99	61300,5	130	2	14
Buildings for storage (excl. agricultural)	68	99	200 638,0	65	1	14
Buildings for agricultural storage	60	79	72 703,4	75	1	11
Buildings for plant and animal production	48	100	69 710,0	385	0	9
Agricultural buildings	20	77	4 074,2	53	0	6
Objects apart of buildings (excl. agricultural)	174	102	15 879,1	87	1	20
Objects under construction / reconstruction	47	77	45 949,3	226	0	8
Provisional and special objects at buildings	587	94	53 406,9	102	9	63
Transport means and working machinery	1 920	89	832 783,5	248	29	199
Agricultural areas and environment	515	86	14 480,8	73	0	8
Forests	1 549	116	46 210,3	651	2	30
Open air storage areas	3 901	97	9 626,6	62	3	35
Demolition and dumps	5 581	100	41 657,8	126	4	47
Other	1 265	98	4 445,7	38	7	27

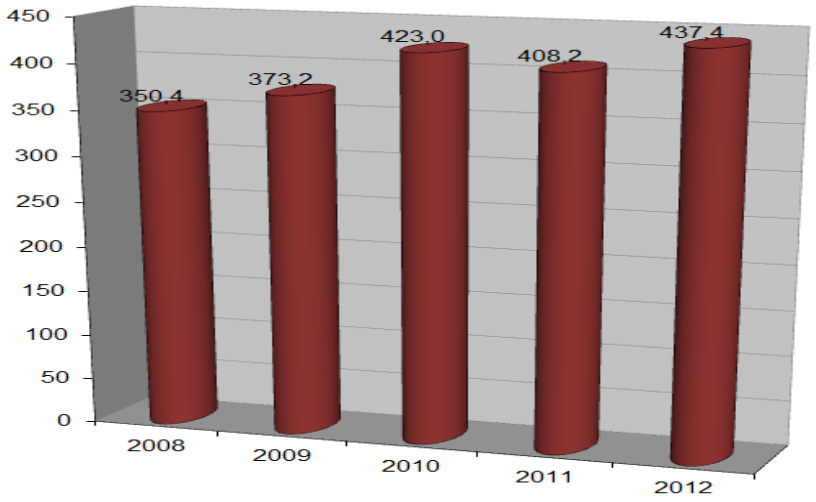
Fires by branches

Economy branch	Number of fires	Part in %	Index %	Loss in thousands CZK	Part in %	Index %	Deaths	Injuries
agriculture	575	2,81	90	178 980,6	6,25	95	3	45
forestry*	374*	1,83	121	67 184,4	2,35	579	2	29
mineral mining	17	0,08	85	16 731,0	0,58	61	0	1
processing industry	560	2,73	98	600 348,5	20,98	93	3	56
electricity, gas, water production/distribution	167	0,81	101	164 518,7	5,75	422	0	11
construction	81	0,40	101	46 896,5	1,64	342	1	17
trade, goods repair	158	0,77	98	77 516,0	2,71	23	1	24
lodging, accommodation	374	1,83	104	117 667,2	4,11	90	6	119
transport	1741	8,50	88	854 933,4	29,88	349	28	181
post and telecommunication	11	0,05	64	1 609,5	0,06	110	0	0
banking and insurance	6	0,03	46	783,0	0,03	54	0	0
research, company services, real estates	262	1,28	86	141 450,5	4,94	272	1	71
public administration, security	26	0,13	81	1 914,6	0,07	114	1	3
education	32	0,16	84	1 426,6	0,05	33	0	2
health and social activity	50	0,24	104	15 959,7	0,56	217	1	13
other public and personal services	1831	8,94	97	136 051,9	4,75	106	6	67
households	2684	13,10	101	437 394,6	15,29	107	71	643
unclassified and other	11543	56,32	98	161,0	0,01	8	1	4
Total	**20492**	100,00	**97**	**2 861 527,7**	100,00	**128**	**125**	**1286**

* - Since 2010 only investigated fires (this does not include grass fires, fires of leaf and needles litter or peat fires without loss, spread, death or injury)

Losses in fires - households

In 2012 total of 2,684 fires in homes caused damage 437,394,600 CZK, 71 people were killed and another 643 people were injured. However, 108 major fires with loss of CZK 1,000,000 and above (4% of all fires) caused loss of 191 million CZK (44% of total damage). In comparison with 2011, the number of fires increased by 0.6%, damage increased by 7%.



Number and area of forest fires by type of forest

		2008	2009	2010	2011	2012	Total
Number of forest fires		470	514	732	1337	1549	**4602**
Total area of forest fires	ha	86	178	205	337	634	**1440**
from these: Forest	ha	86	178	205	337	633	**1439**
of which: tall forest	ha	11	26	28	17	210	**292**
leafy	ha	0	2	0	2	1	**5**
mixed	ha	10	31	33	24	59	**157**
coppice	ha	32	25	48	45	86	**236**
other forest land	ha	33	71	96	249	271	**720**
Other land (cropland, heath)	ha	0	0	0	0	1	**1**

Fires by cause and activities igniting fire

Cause	Number of fires	Part in %	Index %	Direct loss in thousands CZK	Part in %	Deaths	Injuries
deliberate ignition	**1 588**	**7,75**	**88**	**404 842,4**	**14,15**	**11**	**125**
suicidal intention	**21**	**0,10**	**78**	**2 034,0**	**0,07**	**10**	**9**
children up to 15 years	**178**	**0,87**	**72**	**21 301,1**	**0,74**	**0**	**26**
smoking	594	2,90	88	44 787,30	1,57	16	57
setting fires, grass burning	404	1,97	117	13 191,20	0,46	6	33
incorrect operation of the heater	144	0,70	125	26 314,80	0,92	6	52
combustibles near to heater	40	0,20	91	5 778,90	0,20	1	10
use of flammable liquids or gases	48	0,23	123	8 080,00	0,28	0	35
use of open fire	254	1,24	101	31 086,80	1,09	9	98
handling of hot ashes	148	0,72	105	17 394,50	0,61	1	17
welding, cutting, thawing	98	0,48	84	167 047,70	5,84	1	27
neglect of safety regulations	489	2,39	109	89 779,50	3,14	7	146
negligence, error, incorrect operation	503	2,45	104	583 283,10	20,38	12	73
negligence - total	**2722**	**13,28**	**102**	**986 743,80**	**34,49**	**59**	**548**
inappropriate design of the chimney	73	0,36	107	10 851,40	0,38	0	9
walled beam in the chimney	50	0,24	85	19 295,90	0,67	0	9
joints in the chimney	33	0,16	103	14 231,00	0,50	0	16
sparks from the chimney, soot ignition	144	0,70	109	13 034,00	0,46	0	10
chimneys - total	**300**	**1,46**	**103**	**57 412,30**	**2,01**	**0**	**44**
technical failure of the heater	30	0,15	86	9 447,00	0,33	0	2
poor condition of the heater or flue	20	0,10	100	2 377,00	0,08	1	2
improper placement or installation of heaters	81	0,40	117	19 753,50	0,69	0	9
other heater failure	11	0,05	100	1 765,00	0,06	0	0
heaters - total	**142**	**0,70**	**105**	**33 342,50**	**1,16**	**1**	**13**
technical failure	2132	10,40	98	777 939,60	27,19	4	192
incorrect installation	13	0,06	92	1 421,00	0,05	0	3
improper maintenance	9	0,04	150	1 900,00	0,07	0	0
hot materials, products	35	0,17	87	65 102,00	2,28	0	1
foreign object in the machine	35	0,17	167	12 344,10	0,43	0	1
discharge static electricity	8	0,04	260	455,00	0,02	0	1
sparks form the exhaust, brakes	26	0,13	124	918,00	0,03	0	3
friction, overheating	72	0,35	106	11 801,40	0,41	0	2
other changes of operating parameters	436	2,13	98	139 330,60	4,87	0	34
technical failures - total	**2766**	**13,49**	**99**	**1 011 211,70**	**35,35**	**4**	**237**
spontaneous combustion of agricultural products	24	0,12	71	5 226,30	0,18	0	1
spontaneous combustion of coal	15	0,07	79	2 987,00	0,10	0	6
spontaneous combustion of oils and fats	4	0,02	57	138,00	0,00	0	2
spontaneous combustion of chemicals	7	0,03	54	1 041,00	0,04	0	2
spontaneous combustion of chemical products	11	0,05	73	1 856,00	0,06	0	0
other self-ignition (e.g. waste)	25	0,12	104	4 533,10	0,16	0	1
self-ignitions - total	**86**	**0,41**	**77**	**15 781,40**	**0,54**	**0**	**12**
gas explosion	5	0,02	83	1 555,00	0,05	0	14
explosion of flammable liquids	4	0,02	133	5 110,00	0,18	0	4
dust explosion	0	0,00	0	0,00	0,00	0	0
explosive detonation	5	0,02	60	2 026,00	0,07	1	0
explosion of pressure vessels, boilers	4	0,02	133	1 270,00	0,04	0	3
explosions- total	**18**	**0,08**	**113**	**9 961,00**	**0,34**	**1**	**21**
handling of flammable substances	**11**	**0,04**	**367**	**334,00**	**0,01**	**0**	**10**
lightning - objects with conductor	13	0,06	93	8 953,00	0,31	0	1
lightning - objects without conductor	30	0,15	103	10 727,00	0,37	0	5
lightning - other	26	0,13	173	1 096,30	0,04	0	1
natural disaster	5	0,02	125	43,00	0,00	0	0
traffic accident	126	0,61	90	20 400,70	0,71	22	112
military exercises, fireworks	9	0,04	180	983,00	0,03	0	8
special causes - total	**209**	**1,01**	100	**42 203,0**	**1 046,00**	**22**	**127**
other causes	**23**	**0,11**	**82**	**2 842,9**	**0,10**	**2**	**3**
no further investigation	**11531**	**56,27**	**98**	**0,0**	**0,00**	**0**	
unclear, under investigation	**897**	**4,38**	**91**	**273 517,6**	**9,56**	**15**	**111**
causes - total	**20 492**	**100,00**	**97**	**2 861 527,7**	**100,00**	**125**	**1 286**

Fires without losses, fatalities or injuries (mainly fires in nature or waste fires) are in category "no further investigation"

Share of fires with loss CZK 1 million and higher

Year	Number			Loss in thousands CZK		
	Total CR	Big fires	Part in %	Total CR	Big fires	Part in %
2008	20 946	350	1,7	3 277 297,4	2 632 324,8	80,3
2009	20 177	384	1,9	2 169 150,2	1 521 658,7	70,1
2010	17 937	340	1,9	1 956 159,2	1 349 211,8	67,0
2011	21 125	358	1,7	2 241 800,10	1 596 073,1	71,2
2012	20 492	399	1,9	2 861 527,70	2 217 238,9	77,5

Major fire cases with loss of CZK 10 million and higher

City of Prague

April 28 **Former dormitory of building cells and adjacent production facility**, Praha 8 – Libeň.
Cause: unclear
Loss: 13 440 000 CZK
Fatalities: 1 person

June 9 **ATR-42 aircraft in the airport hangar**, Praha 6 – Ruzyně.
Cause: negligence
Loss: 500 000 000 CZK
Injuries: 3 persons

June 30 **Warehouse of SARSTEDT company**, Praha - Horní Počernice.
Cause: under investigation
Loss: 40 000 000 CZK
Injuries: 1 firefighter

Central Bohemian Region

January 31 **Car showroom with workshop AUTOCENTRUM BOURA**, Činěves, Nymburk district.
Cause: unclear
Loss: 15 000 000 CZK
*Injuries:*1 person

August 25 **Industrial warehouse with a rooftop photovoltaic power plant SOUTH POINT DCC**, Kunice, Praha-východ district.
Cause: electrical short circuit of diode bridge at the distribution board
Loss: 17 000 000 CZK

October 12 **Sport hall SPORT EDEN**, Beroun.
Cause: electrical short circuit of photovoltaic panel
Loss: 15 000 000 CZK
*Injuries:*1 firefighter

November 14 – **Warehouses and jionery in the former sugar factory ITT TRADE**, Zákolany, Kladno district.
Cause: arson
Loss: 40 000 000 CZK
Injuries: 1 firefighter

November 26 – **Production and warehouse INTERRA**, Nučice, Praha-západ district.
Cause: autoignition in chemical laboratory
Loss: 20 000 000 CZK
Injuries: 2 persons
Rescued: 2 persons
Evacuated: 16 persons

South Bohemian Region

September 29 – **Offices of TECHNOLOGICKÉ CENTRUM company**, Písek.
Cause: arson
Loss: 50 016 000 CZK
Injuries: 1 person

November 2 – **Hotel KUBA**, Kubova Huť, Prachatice district.
Cause: technical failure in the valve on cylinder with propane gas.
Loss: 10 500 000 CZK
Injuries: 1 person
Evacuated: 1 person

Plzeň Region

May 9 **Factory building plastic parts for vehicles HP – PELZER**, Plzeň – Křimice.
Cause: negligence during welding
Loss: 38 000 000 CZK
Injuries: 1 person
Evacuated: 300 persons

Karlovy Vary Region

January 1 **PENNY MARKET store**, Aš, Cheb district.
Cause: technical failure on freezer power supply
Loss: 14 257 000 CZK

May 11 **Hay stock of UFARMA company**, Čistá u Rovné, Sokolov district.
Cause: negligence
Loss: 10 549 000 CZK
Injuries: 2 firefighters

Ústí nad Labem Region

July 20 **Gypsum dewatering facility of power plant ELEKTRÁRNA TUŠIMICE**, Tušimice, Chomutov district.
Cause: negligence during welding
Loss: 100 000 000 CZK

September 19 – **Electrical switch station at TEPLÁRNA TRMICE**, Ústí nad Labem – Trmice.
Cause: short-circuit of equipment in contact with water leaking through damaged gasket.
Loss: 19 000 000 CZK

October 14 – **Warehouse, 3 trucks and boat**, Roudnice nad Labem – Podlusky, Litoměřice district.
Cause: technical problem - current overloading.
Loss: 12 300 000 CZK

Liberec Region

January 1 **SEAT AUTO KOUTEK store**, Liberec – Vratislavice nad Nisou.
Cause: technical problem – short-circuit.
Loss: 10 000 000 CZK

November 10 – **Warehouse of spare parts for passenger cars**, Český Dub, Liberec district.
Cause: under investigation
Loss: 12 000 000 CZK
Injuries: 1 firefighter
Evacuated: 6 persons

Hradec Králové Region

March 6 **Poultry farm DŽV**, Semechnice, Rychnov nad Kněžnou district.
Cause: unclear
Loss: 16 960 000 CZK

December 22 – **Weaving factory MILETA**, Hořice, Jičín district.
Cause: technical problem on fluorescent lamp
Loss: 250 000 000 CZK
Injuries: 1 firefighter

Pardubice Region

March 29 **Mineral oil storage REKLA in SYNTHESIA premises,** Semtín, Pardubice district.
Cause: arson
Loss: 20 000 000 CZK

March 30 **Hotel VISTA**, Dolní Morava – Velká Morava, Ústí nad Orlicí district.
Cause: negligence
Loss: 30 000 000 CZK

Vysočina Region

December 15 - **Hardening furnace in production hall JIHLAVAN**, Jihlava.
Cause: under investigation
Loss: 40 000 000 CZK

South Moravian Region

May 24 **174 hectares of forest**, Bzenec, Hodonín Region.
Cause: unclear
Loss: 27 717 000 Kč.
Injuries: 6 firefighters

October 31 – **Photovoltaic power plan transformer WIS ENERGO LEDCE SEVER**, Ledce, Brno venkov district.
Cause: unforeseen changes in operating parameters
Loss: 11 600 000 CZK

December 7 - **Warehouse of wood and flooring material**, Luleč, Vyškov district.
Cause: under investigation
Loss: 19 000 000 CZK
Injuries: 1 person

December 30 – **Seed stock HORÁKOVA FARMA**, Čejč, Hodonín district.
Cause: arson
Loss: 13 230 000 CZK

Moravian-Silesian Region

January 14 **Apartment building**, Vrbno pod Pradědem, Bruntál district.
Cause: negligence
Loss: 10 563 000 CZK
Fatalities: 1 person
Injuries: 7 persons
Rescued: 10 persons
Evacuated: 17 persons

September 17 – **Cable channel EVRAZ,** Ostrava – Vítkovice.
Cause: unclear
Loss: 50 000 000 CZK

Prevention

Survey of fire prevention of FRS CR

Fire risk evaluation		Submitted	132	143	72	74	102
		Approved	82	47	46	51	56
		All approved	517	545	560	586	605
Inspections	Companies and enterpreneurs	Complex inspection	1 456	1 347	1 144	1 084	1 170
		Thematic inspection	7 014	7 408	7 975	7 321	8 182
		Checking supervision	3 873	3 743	3 397	2 971	3 415
	Persons	Complex inspection	2	0	0	0	0
		Thematic inspection	28	7	8	14	4
		Checking supervision	22	3	0	4	0
	Municipalities	Inspections	387	511	320	465	405
	Inspection driven by other authority	Inspections	39	28	38	71	757
Administrative decisions	on exclusion from the use	Number	12	17	22	16	12
	on disqualification	Number	8	18	15	55	91
	on suspension	Number	0	0	0	0	0
	on proper categorization	Number	3	0	0	1	0
	on extent of documentation	Number	1	0	0	0	0
	on fire risk evaluation	Number	105	145	74	64	91
	on fine to companies and enterpreneurs	Number	233	243	238	362	531
		CZK	5 854 500	6 381 500	4 477 000	4 441 500	7 503 500
	on offences (incl. ordering proceedings)	Number	59	68	49	76	90
		CZK	220 500	172 000	146 000	259 700	239 900
	autoremedy decision	Number	1	2	0	2	2
	other decision	Number	103	86	59	45	50
Coupon fines	Fines imposed	Number	1 080	1 048	984	1 304	1 376
		CZK	442 300	545 700	503 400	658 900	665 800
Building prevention	Issued opinions	Number	75 160	75 233	74 861	78 946	80 140
	Territorial and construction proceedings	Invitations	28 084	28 312	26 484	27 448	26 766
		Attended	3 594	3 180	2 231	3 285	2 234
	Final approval	Invitations	31 891	31 463	31 511	32 764	34 338
		Attended	26 340	27 477	27 262	27 555	30 062
	Other cooperation	Number	1 062	990	670	731	801
Other activity	Requests participated	Number	3 361	4 052	6 979	6 667	7 636
Cause investigation	Fire reports	Number	9 623	9 559	9 919	9 510	8 861
	Technical expert opinions	Number	511	463	452	592	507

Note: Difference between the sum of approved fire risk evalutation and the item "All approved" is caused by sequential revision of fire risk evaluations approved before the year 2001, and terminations of fire risk evaluations due to changes of company activity.

Fires - types of conclusion

Type of conclusion		Number of fires	Part in %	Index %
unclassified, non-monitored		13 638	66,56	97
Regional FRS concluded as:	offence in regular proceedings	48	0,23	123
	offence in coupon proceedings	970	4,73	105
	offence in ordering proceedings	81	0,40	156
	other administrative offence	4	0,02	50
disused on fire site		763	3,72	92
suspended, stopped, other procedures of FRS		2 942	14,36	100
suspended, stopped by Police		654	3,19	96
concluded by court		18	0,09	138
announced to other administrative authorities		11	0,05	122
equipment excluded from use, banned, stopped traffic		7	0,03	78
pending under Police investigation		1 356	6,62	85
Total		**20 492**	**100,00**	**97**

Survey on selected data of FRS CR

			2010	2011	2012
Preventive and educational activities					
Preventive and educational activities	FRS CR activities	Press articles / Press releases	21 834/5488	17 890/8 393	17 951/8 633
		TV and broadcast	3 589/1676	3 934/2 058	3 470/2 008
		Educational activity / from those for schools	5 633/4 127	7 572/4 009	5 419/3 786
		Ads and informational materials	175	143	148
	In cooperation with other bodies		1253	781	743
	Courses for teachers on civil protection	Number of courses / number of participants	107/2 118	126/1666	92/974
Section for prevention and emergency preparedness					
Major accidents prevention	Opinion on the documentation on the prevention of major accidents	Entrepreneurs A[1)]	32	20	32
		Entrepreneurs B[1)]	43	44	43
	Inspections on the prevention of major accidents	Entrepreneurs A[1)]	45	32	45
		Entrepreneurs B[1)]	113	117	113
Education (civil protection and crisis management)					
Activities of regional FRS for	Municipalities	Invited / Attended / Participants	1592/1130/ 2960	7271/4704/54 86	1125/917/ 1 869
	Companies and entrepreneurs	Invited / Attended / Participants	88/83/2283	145/140/398	277/261/826
Activities of other bodies, with cooperation of FRS, for	Municipalities	Invited / Attended / Participants	563/434/1318	2220/1074/ 1358	1 202/864/ 1 390
	Companies and entrepreneurs	Invited / Attended / Participants	74/69/1740	210/158/743	248/286/1 096
Activities with foreign partners		Total / from those abroad	27/17	37/22	39/22
Participation on crisis staff training	Regional crisis staff	Number of trainings / Participants from FRS	14/80	11/61	14/80
	Municipal crisis staff	Number of trainings / Participants from FRS	101/184	84/131	101/184
Inspections on civil protection					
Inspections on civil protection	Article 33, Act 240 of 2000 Coll.	Planned / Performed	91/90	146/145	91/90
	Article 27, Act 239 of 2000 Coll.	Planned / Performed	274/267	137/142	184/180
Civil protection					
Humanitarian assistance	Total number of agreements with NGOs on humanitarian assistance as of Dec 31, 2011		64	64	63
Warning	Number of electronic sirens remotely controlled by FRS / Number of electronic sirens owned by FRS locally controlled		454/1	445/0	457/0
	Number of rotation sirens remotely controlled by FRS / Number of rotation sirens owned by FRS locally controlled		4510/150	4471/113	4435/131
	Number of newly installed rotation / electronic sirens		7/2	1/6	23/6
	Number of moved rotation / electronic sirens		9/21	11/10	3/13
Emergency surviving	Number of emergency surviving sets for instant use located in FRS stations		272	269	270
	Number of emergency surviving sets for subsequent use located in regional FRS		66	721	721
	Total number of container vehicles for emergency surviving as of Dec 31, 2011		11	11	12
Civil protection facilities	Number of delivered applications on expediency of establishing CP facility / recommended cases		17/1	17/1	18/3
	Total number of established CP facilities with companies and enterpreneurs		114	141	141
Crisis management					
Regional Emergency Plan	Number of abstracts from emergency plan for municipalities / for IRS bodies		241/148	923/111	213/94
Regional Crisis Plan	Municipalities appointed to develop the crisis plan		228	196	227
Section for IRS and service performance					
Tactical and screening exercises of FRS and IRS bodies		Number	1230	1152	1108
Inspections on IRS		Number	629	1014	530

[1)] Entrepreneurs of premises / objects in groups A or B, based on Act No. 59/2006 Coll., on prevention of major accidents

Humanitarian assistance

Humanitarian assistance is governed by Act No. 151/2010 Coll. on international development cooperation and humanitarian assistance abroad. Humanitarian assistance abroad is a summary of activities financed from the state budget, aiming to prevent loss of life and injury, alleviate suffering and restore basic living conditions after the occurrence of incidents and mitigate long lasting consequences of emergencies and prevent their occurrence and negative effects.

Humanitarian aid includes both ad hoc response to natural or human-made disasters, and aid in long-term (complex) humanitarian crises and disaster prevention.

State humanitarian aid to foreign countries is financed from funds allocated in the budget of the Ministry of Foreign Affairs. From this budget can be financed in particular the following forms of humanitarian assistance abroad:

- providing the necessary material assistance in the form of a gift to the affected area after the incident
- cash donations abroad
- financial contributions for public institutions and non-profit organizations abroad
- contributions to international organizations and integration groups,
- subsidies to non-governmental non-profit organizations in the Czech Republic to provide humanitarian assistance to foreign countries outside the European Union and European Economic Area,
- participation in international rescue operations and sending rescue experts with the necessary equipment in accordance with Act No. 239/2000 Coll. on Integrated Rescue system, as amended.

According to Article 9 of Act No. 151/2010 Coll., on international development cooperation and humanitarian assistance abroad, the Ministry of Interior provides humanitarian assistance to EU member states and other states of the European Economic Area and decides on its scope and form.

In 2012 the total of 73 million CZK was allocated for humanitarian assistance to foreign countries. On the basis of humanitarian assistance operational strategy of the Czech Republic in 2012, its mid-term evaluation and continuous assessment of global humanitarian needs during the year, 33 humanitarian projects in 21 countries were supported.

The financial humanitarian assistance was provided to following countries: Afghanistan, Burma, South Sudan, DR Congo, countries of the Horn of Africa, Pakistan, Malaysia, the Sahel countries, Ethiopia, Yemen, Zimbabwe, Syria, Jordan, Iraq, Palestine, Mali, Nigeria, Turkey, Haiti.

Rescue and humanitarian assistance abroad was not provided in 2012, because its disclosure would be not effective due to the distance, or Czech Republic did not have the required commodities.

In October 2012, the Czech Republic joined in addressing the humanitarian crisis in Jordan induced by the massive influx of Syrian refugees. European Union decided to send an expert team to Jordan to assess the situation on the spot and coordinate the reception of humanitarian assistance from the EU. The Czech Republic nominated Col. Ing. Vladimír Vlček, PhD., as the member of the evaluation and coordination team. For his extensive experience from similar missions he was subsequently selected by the European Commission as a team leader.

Detailed information about humanitarian assistance not only in the year 2012 can be found on www.usar.cz.

Year	2008	2009	2010	2011	2012
Number of cases	29	23	20	18	33
Number of countries	23	20	20	21	21
Sum in millions of CZK	71,5	84,9	89,4	73,0	73,0

Economic indicators

Fire and Rescue Service of the Czech Republic performs tasks in the scope and under conditions of Act on Fire and Rescue Service of the Czech Republic, Fire Protection Act, Act on Integrated Rescue System and Act on Crisis Management. Through 240 stations FRS CR also fulfils duties of fire units in the area of fire protection, Integrated Rescue System and civil protection.

The efficiency is revealed by the relationship between state budget expenditures to FRS, fire units type II and fire units type III, and losses and salvaged values in fires presented table below.

- Compared with other countries in the CR losses are among the lowest in relation to GDP. To this effect attributes the fact that in more than 60% cases the dislocation of closest units.
- Salvaged values during interventions in other types of emergencies are not included in the table, as there is no reliable methodology to assess the effects of these other interventions.

Economic indicators

		2008	2009	2010	2011	2012
GDP in current prices [2)]	bil. CZK	3 705,7	3 625,9	3 775,2	3 841,4	3 797,1
Actual expenditure of FRS CR [1)]	bil. CZK	9,081	8,756	8,612	7,195	6,835
Subsides from state budget on FU II and FU III	bil. CZK	0,100	0,106	0,077	0,060	0,054
Expenditures on FRS, FU II and FU III compared to GDP	%	0,25	0,24	0,23	0,19	0,18
Losses in fires	bil. CZK	3,277	2,169	1,956	2,242	2,862
Losses compared to GDP	%	0,09	0,06	0,05	0,06	0,08
Salvaged values	bil. CZK	14,546	9,075	11,116	8,079	10,638
Salvaged values compared to GDP	%	0,39	0,25	0,29	0,21	0,28

[1)] actual expenditure includes all budgetary sources and extra-budgetary sources

[2)] GDP for 2012 is assessed from data of the Czech Statistical Office for nine months of 2012

Types of incidents with fire units' interventions

Fire – intervention to any undesirable combustion, which causes death or injury of persons or animals, or damage of property. As fire is considered also undesirable combustion in which people, animals, property or environment are in imminent danger.

Traffic accident – intervention in collision of transport means, which requires emergency rescue work or disposal of traffic accidents. If other activities dominate in intervention, e.g. leakage of hazardous substances into the environment, that intervention is classified according to the prevailing character. The intervention of the accident resulting in fire is considered as a fire. As traffic accident is considered also intervention where fire units brought vehicles back from off-road (towing wrecks, vehicle stoned off road, etc.) and removing only minor traffic accidents (road cleaning or removal of leakage - vehicles operational fillings, etc.).

HazMat leakage – intervention in emergencies associated with undesirable leakage of hazardous chemicals, including oil products (during production, transport or handling), and other substances. Intervention is aimed to limit or reduce the risk of uncontrolled release of flammable, explosive, corrosive, toxic, harmful, radioactive and other hazardous substances, oil products or other substances into the environment (natural gas, acids and their salts, alkalis, ammonia, etc.), including serious accidents, according to Article 2 of the Act on prevention of serious accidents.

(Note: Hazardous substance – see Act No. 356/2003 Coll., on chemical substances, as amended)

Leakage of oil products – intervention in emergencies associated with leakage of oil products only (gasoline, diesel or oil). Releases of these substances from operating motor vehicles due to traffic accidents are classified as "traffic accident".

Technical accident – intervention to eliminate hazards or hazardous conditions or large-scale significant effects on the health of persons, animals or property (other than natural disaster), such as building collapse.

Technical assistance – intervention to eliminate hazards or hazardous conditions among small-scale technological assistance and traffic accident, for example:

- rescuing people from the lift
- emergency opening of the apartment,
- removing obstacles from roads and other areas,
- opening locked areas,
- disposal of fallen trees, electrical wires, etc.
- ventilation
- rescuing people and animals,
- pumping, water closing and water supply,
- assistance in explosives finding
- provisional or other repairs,
- extrication of objects, persons (including work on water)
- measurements of concentrations or radiation.

Technological assistance – intervention to eliminate hazards or hazardous conditions in the technological operations of companies.

Other assistance – intervention, which can't be defined as a technical accident, technical or technological assistance; such as transport of patient or physician, monitoring water streams, road accessibility control (except natural disasters) etc. and other on-demand services (both directly and indirectly provided assistance).

Radiation incident – intervention in incidents related to the improper release of radioactive substances or ionizing radiation (for definition see Article 2 of Act No. 18/1997 Coll. and Article 5 of Decree No. 318/2002 Coll.).

Other emergency – intervention in other emergencies such as epidemics or infection, ensuring suspicious shipments and also interventions for events that can't be classified under above mentioned types.

False alarm – intervention after reporting a fire or other emergency, which wasn't confirmed.

Natural disaster flag, weather conditions – intervention to an emergency caused by harmfully acting forces and phenomena caused generally or locally by natural influences that threaten the lives, health, property or the environment - floods, flooding, rain, snow, ice, windstorms, landslides, earthquakes, etc. in which fire units carried out the rescue and relief work.

Statistical Yearbook 2012

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