Ministry of the Interior

Fire Rescue Service of the Czech Republic

Directorate General

Statistical Yearbook 2020

Czech Republic

Prague 2021

Table of content

Notes:

Dash (-)	event didn't occur or wasn't monitored	F	fatalities
Cross (x)	entry was omitted for logical reasons	I	injuries
Index %	compares the data of 2020 to the state in 2019 (unless stated otherwise)	FRS CR	Fire Rescue Service of the Czech Republic
		VFU	Voluntary Fire Units
PSAP	Public Safety Answering Point	IRS	Integrated Rescue System
MoD	Ministry of Defence of the Czech Republic		

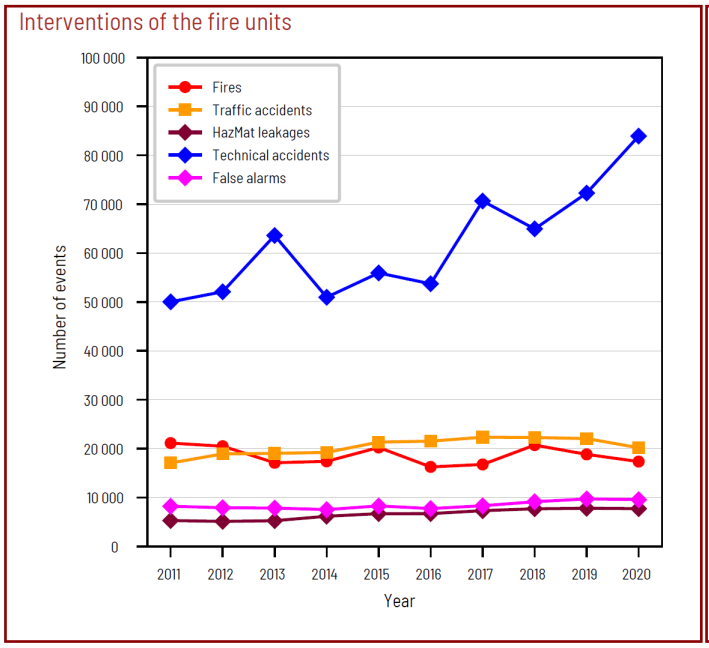
Unless otherwise noted, data in tables and graphs for 2020

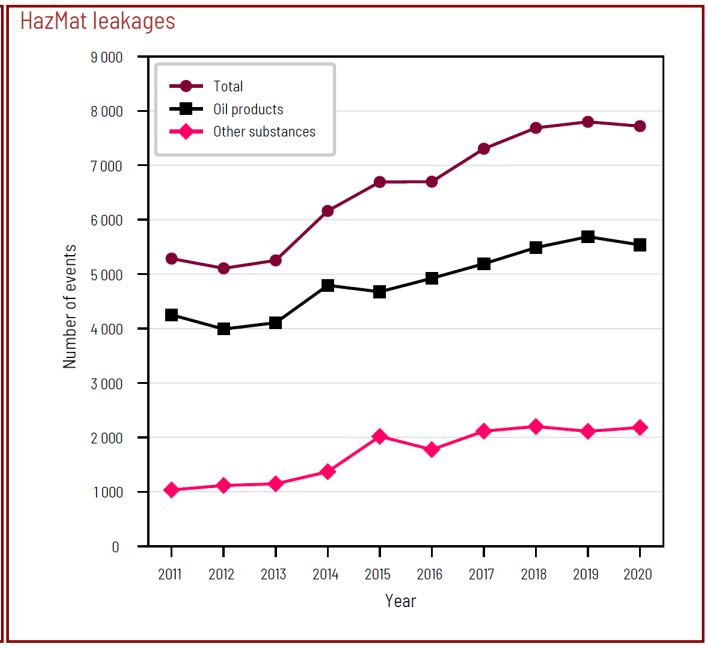
Fire units‘ activities

Types of incidents with fire units’ intervention

Type of incident	2016	2017	2018	2019	2020	Share %	Index %
Fires	15 730	16 249	20 277	18 361	16 938	11,8	92
Traffic accidents	21 521	22 329	22 265	22 051	20 178	14,1	92
HazMat leakages	6 698	7 304	7 687	7 798	7 719	5,4	99
there of oil products	4 923	5 190	5 487	5 687	5 537	3,9	97
Technical accidents - total number	53 714	70 647	64 936	72 268	83 929	58,5	116
there of technical accidents	6	7	7	1	3	0,0	300
technical assistances	47 845	63 550	57 401	63 866	74 708	52,1	117
technological assistances	427	515	466	367	265	0,2	72
other assistances	5 436	6 575	7 062	8 034	8 953	6,2	111
Radiation accidents	0	1	1	4	3	0,0	75
Other emergencies	92	1 134	91	40	5 170	3,6	12 925
False alarms	7 735	8 310	9 131	9 707	9 563	6,7	99
Total	**105 490**	**125 974**	**124 388**	**130 229**	**143 500**	**100,0**	**110**

Note: The total number includes 19 incidents (there of 8 fires), that took place abroad with intervention of fire units from the CR or the intervention took place on both sides of the border. The total number includes 13 humanitarian assistances provided from the CR abroad and also 41 repatriations of Czech citizens from abroad.





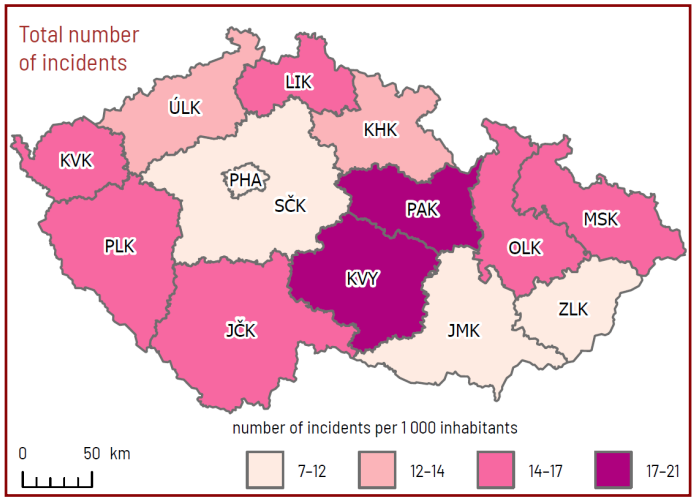
31 176 persons were rescued and 31 183 persons were evacuated by fire units during the interventions in 2020.

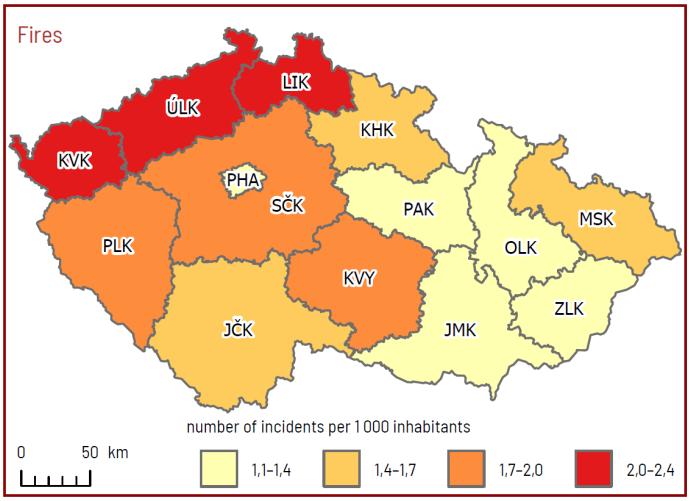
Interventions in natural disasters

Type of intervention	2016	2017	2018	2019	2020
Fires	110	173	255	231	187
Traffic accidents	361	896	568	519	320
HazMat leakages	6	10	10	20	24
Technical accidents	11 634	30 672	14 787	23 302	37 088
Others accidents	73	209	108	119	215
Total	**12 184**	**31 960**	**15 728**	**24 191**	**37 834**

Summary information about incidents in the regions

Type of incident	Capital of Prague	Central Bohemia	South Bohemia	Plzeň	Karlovy Vary	Ústí nad Labem
Fires	1 775	2 550	979	1 058	655	1 911
Traffic accidents	1 002	3 295	1 411	1 481	699	1 209
HazMat leakages	774	976	354	628	429	840
there of oil products	619	727	323	464	360	652
Technical accidents - total number	5 283	8 514	6 585	5 049	2 754	5 087
there of technical accidents	0	0	0	0	0	0
technical assistances	5 049	7 906	5 688	4 215	2 442	4 307
technological assistances	5	4	3	21	68	56
other assistances	229	604	894	813	244	724
Radiation accidents	0	0	0	0	0	0
Other emergencies	69	43	121	1 014	52	137
False alarms	1 307	1 031	531	541	261	984
Total	**10 210**	**16 409**	**9 981**	**9 771**	**4 850**	**10 168**
Index %	**101**	**103**	**108**	**109**	**102**	**99**





Interventions by type of fire unit

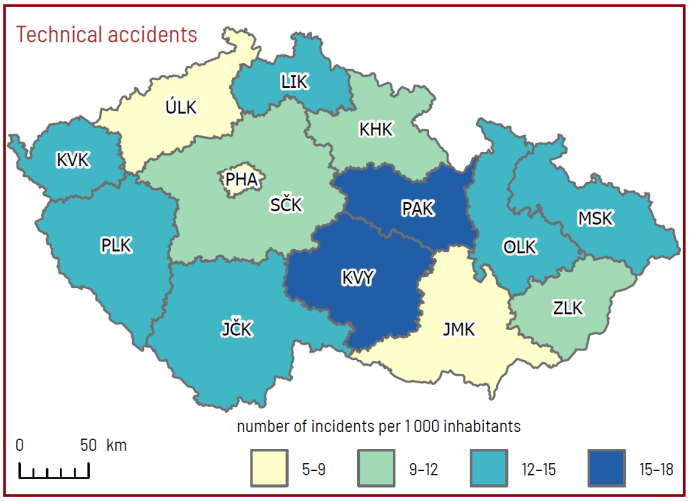
Type of incident	FRS CR			Municipal VFU		
	2019	2020	Index %	2019	2020	Index %
Fires	21 229	19 600	92	20 112	18 495	92
Traffic accidents	24 700	22 575	91	5 890	5 568	95
HazMat leakages	7 362	7 302	99	1 686	1 894	112
there of oil products	4 913	4 765	97	1 317	1 468	111
Technical accidents - total number	54 451	57 928	106	27 586	40 844	148
there of technical accidents	1	5	500	1	2	200
technical assistances	47 830	50 696	106	25 331	37 962	150
technological assistances	148	102	69	52	65	125
other assistances	6 472	7 125	110	2 202	2 815	128
Radiation accidents	13	6	46	1	0	0
Other emergencies	103	6 415	6228	4	3 922	98050
False alarms	8 613	8 650	100	3 313	3 398	103
Total	**116 471**	**122 476**	**105**	**58 592**	**74 121**	**127**

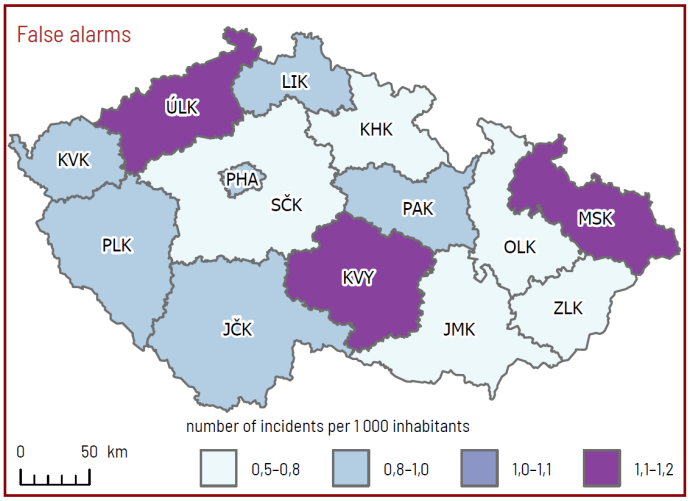
Basic information on fire units

Basic information	Fires					
	2016	2017	2018	2019	2020	Index %
Number of intervention	33 707	36 603	48 160	42 759	39 289	92
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 incidents in the 3rd and special stage of alert	24	38	66	37	52	141
Number of intervening firefighters	182 442	197 188	256 058	227 596	209 546	92
Average number of firefighters per intervention	5,41	5,39	5,32	5,32	5,33	100
Average distance to incident in kilometres	7,64	8,13	8,67	8,32	8,30	100
Average intervention time in minutes	112	117	134	119	133	112
Number of incidents with use of protective equipment	3 750	3 851	4 505	4 314	4 525	105
Number of incidents with use of heat protective clothing	3	0	3	2	4	200
with chemical clothing	6	10	6	5	11	220
with air breathing apparatus	6 545	6 099	7 509	6 998	7 325	105
with oxygen breathing apparatus	3	13	3	8	5	63

Liberec	Hradec Králové	Pardubice	Vysočina	South Moravian	Olomouc	Zlín	Moravian-Silesian	CR
882	773	696	941	1 369	814	703	1 832	**16 938**
1 139	1 556	1 312	1 302	2 054	1 176	866	1 676	**20 178**
567	455	354	342	570	357	257	816	**7 719**
432	328	257	253	286	218	164	454	**5 537**
3 553	4 143	6 860	7 073	7 455	6 001	4 073	11 499	**83 929**
0	1	0	1	1	0	0	0	**3**
3 322	3 791	5 843	6 547	6 505	5 619	3 467	10 007	**74 708**
0	5	8	70	4	1	3	17	**265**
231	346	1 009	455	945	381	603	1 475	**8 953**
1	0	0	0	2	0	0	0	**3**
439	314	26	38	274	696	205	1 688	**5 116**
410	394	463	605	851	374	442	1 369	**9 563**
6 991	**7 635**	**9 711**	**10 301**	**12 575**	**9 418**	**6 546**	**18 880**	**143 446**
113	**106**	**128**	**108**	**104**	**131**	**115**	**123**	**110**

Note: The total number does not include humanitarian assistance provided from the CR abroad.





Enterprises FRS			Enterprises VFU			Other unit			Total		
2019	2020	Index %	2019	2020	Index %	2019	2020	Index %	2019	2020	Index %
1 305	1 119	86	100	69	69	13	6	46	42 759	39 289	92
1 451	1 362	94	6	5	83	4	0	0	32 051	29 510	92
674	531	79	47	64	136	0	1	x	9 769	9 792	100
527	384	73	40	54	135	0	1	x	6 797	6 672	98
4 651	4 454	96	304	260	86	17	65	382	87 009	103 551	119
0	0	x	0	0	x	0	0	x	2	7	350
3 860	3 792	98	225	195	87	16	44	275	77 262	92 689	120
130	81	62	77	63	82	0	0	x	407	311	76
661	581	88	2	2	100	1	21	2100	9 338	10 544	113
0	0	x	0	0	x	0	0	x	14	6	43
3	750	25000	0	0	x	0	1	x	110	11 088	10080
2 008	1 855	92	405	421	104	1	0	0	14 340	14 324	100
10 092	**10 071**	**100**	**862**	**819**	**95**	**35**	**73**	**209**	**186 052**	**207 560**	**112**

Technical intervention						False alarms					
2016	2017	2018	2019	2020	Index %	2016	2017	2018	2019	2020	Index %
103 522	129 244	119 800	128 953	153 947	119	11 634	12 042	13 793	14 340	14 324	100
375	1 370	736	1 056	2 376	225	41	40	43	39	47	121
1 819	5 815	2 354	3 631	12 435	342	485	600	561	448	462	103
0	0	1	6	7	117	0	0	0	0	0	x
447 335	565 214	529 241	570 600	646 886	113	57 117	60 745	68 889	72 928	72 219	99
4,40	4,37	4,42	4,42	4,20	95	5,12	5,04	4,99	5,08	5,04	99
7,49	7,35	7,50	7,51	8,24	110	4,96	4,96	5,33	5,23	5,22	100
70	71	65	69	109	158	28	28	31	29	30	104
458	603	601	572	1 175	205	27	31	56	58	71	122
1	1	0	0	0	x	0	0	0	0	0	x
44	54	48	29	64	221	0	0	0	0	0	x
502	637	653	611	834	136	27	32	59	60	78	130
2	3	3	0	1	x	0	0	0	0	0	x

Fire units´ interventions in districts and regions

District (region)	Interventions in total		FRS CR interventions			Municipal VFU interventions			Enterprises FRS interventions			Other units interventions	
	Number	Ind.%	Number	Ind.%	% in total	Number	Ind.%	% in total	Number	Ind.%	% in total	Number	% in total
Capital of Prague	**14 703**	**112**	**10 800**	**100**	**73,5**	**2 463**	**343**	**16,8**	**1 437**	**89**	**9,8**	**3**	**0,0**
Benešov	2 712	101	1 359	94	50,1	1 296	108	47,8	57	116	2,1	0	0,0
Beroun	1 751	89	1 121	92	64,0	593	86	33,9	37	73	2,1	0	0,0
Kladno	2 370	109	1 663	104	70,2	677	127	28,6	30	71	1,3	0	0,0
Kolín	1 675	104	1 071	98	63,9	521	123	31,1	83	90	5,0	0	0,0
Kutná Hora	1 492	107	898	94	60,2	531	149	35,6	63	83	4,2	0	0,0
Mělník	1 990	106	1 192	106	59,9	569	104	28,6	229	108	11,5	0	0,0
Mladá Boleslav	2 516	110	1 688	110	67,1	685	114	27,2	143	93	5,7	0	0,0
Nymburk	1 894	100	1 156	100	61,0	617	97	32,6	121	116	6,4	0	0,0
Praha-východ	3 403	99	1 868	91	54,9	1 388	115	40,8	147	84	4,3	0	0,0
Praha-západ	2 969	103	1 642	98	55,3	1 241	111	41,8	86	102	2,9	0	0,0
Příbram	2 165	92	1 190	88	55,0	948	95	43,8	26	118	1,2	1	0,0
Rakovník	1 260	92	663	97	52,6	578	89	45,9	19	58	1,5	0	0,0
Central Bohemia	**26 197**	**101**	**15 511**	**98**	**59,2**	**9 644**	**108**	**36,8**	**1 041**	**95**	**4,0**	**1**	**0,0**
České Budějovice	2 805	109	2 054	107	73,2	616	112	22,0	132	140	4,7	3	0,1
Český Krumlov	1 640	111	1 012	110	61,7	508	106	31,0	102	134	6,2	18	1,1
Jindřichův Hradec	1 976	109	978	104	49,5	946	116	47,9	52	102	2,6	0	0,0
Písek	1 184	89	691	89	58,4	406	78	34,3	44	147	3,7	43	3,6
Prachatice	1 312	109	638	107	48,6	635	111	48,4	34	136	2,6	5	0,4
Strakonice	1 216	93	814	100	66,9	341	84	28,0	55	65	4,5	6	0,5
Tábor	1 771	121	1 010	111	57,0	699	136	39,5	61	139	3,4	1	0,1
South Bohemia	**11 904**	**107**	**7 197**	**105**	**60,5**	**4 151**	**107**	**34,9**	**480**	**119**	**4,0**	**76**	**0,6**
Domažlice	2 633	192	736	105	28,0	1 876	294	71,2	19	83	0,7	2	0,1
Klatovy	2 772	117	1 476	101	53,2	1 274	144	46,0	17	74	0,6	5	0,2
Plzeň-jih	1 290	102	677	90	52,5	594	122	46,0	19	83	1,5	0	0,0
Plzeň-město	2 850	99	2 336	97	82,0	442	109	15,5	72	100	2,5	0	0,0
Plzeň-sever	1 711	107	890	98	52,0	786	119	45,9	19	76	1,1	16	0,9
Rokycany	1 295	118	686	101	53,0	594	146	45,9	15	94	1,2	0	0,0
Tachov	1 722	109	892	105	51,8	789	115	45,8	41	103	2,4	0	0,0
Plzeň	**14 273**	**117**	**7 693**	**99**	**53,9**	**6 355**	**152**	**44,5**	**202**	**91**	**1,4**	**23**	**0,2**
Cheb	2 308	116	1 470	117	63,7	698	115	30,2	140	104	6,1	0	0,0
Karlovy Vary	3 299	110	1 743	150	52,8	1 464	88	44,4	77	45	2,3	15	0,5
Sokolov	2 022	97	1 053	97	52,1	892	99	44,1	77	91	3,8	0	0,0
Karlovy Vary	**7 629**	**108**	**4 266**	**122**	**55,9**	**3 054**	**96**	**40,0**	**294**	**75**	**3,9**	**15**	**0,2**
Děčín	2 694	92	1 346	93	50,0	1 267	92	47,0	81	70	3,0	0	0,0
Chomutov	2 063	109	974	110	47,2	881	116	42,7	208	84	10,1	0	0,0
Litoměřice	1 657	95	1 091	98	65,8	437	84	26,4	129	124	7,8	0	0,0
Louny	1 494	101	947	101	63,4	506	108	33,9	41	61	2,7	0	0,0
Most	1 667	99	869	92	52,1	275	123	16,5	522	103	31,3	1	0,1
Teplice	1 910	104	1 116	102	58,4	618	109	32,4	162	103	8,5	14	0,7
Ústí nad Labem	1 895	106	1 182	99	62,4	512	131	27,0	201	99	10,6	0	0,0
Ústí nad Labem	**13 380**	**100**	**7 525**	**99**	**56,2**	**4 496**	**104**	**33,6**	**1 344**	**96**	**10,0**	**15**	**0,1**
Česká Lípa	2 851	90	1 386	90	48,6	1 357	89	47,6	107	116	3,8	1	0,0
Jablonec nad Nisou	1 858	103	1 081	103	58,2	727	108	39,1	50	58	2,7	0	0,0
Liberec	4 933	133	2 676	135	54,2	1 928	135	39,1	327	105	6,6	2	0,0
Semily	2 261	116	1 154	110	51,0	1 047	122	46,3	60	140	2,7	0	0,0
Liberec	**11 903**	**112**	**6 297**	**112**	**52,9**	**5 059**	**113**	**42,5**	**544**	**102**	**4,6**	**3**	**0,0**
Hradec Králové	3 135	112	2 331	123	74,4	732	86	23,3	71	137	2,3	1	0,0
Jičín	1 544	101	918	98	59,5	552	105	35,8	74	110	4,8	0	0,0
Náchod	2 337	94	1 359	94	58,2	954	94	40,8	24	126	1,0	0	0,0
Rychnov nad Kněžnou	2 071	104	973	94	47,0	907	121	43,8	191	92	9,2	0	0,0
Trutnov	2 429	97	1 311	96	54,0	1 080	98	44,5	36	97	1,5	2	0,1
Hradec Králové	**11 516**	**102**	**6 892**	**103**	**59,8**	**4 225**	**100**	**36,7**	**396**	**104**	**3,4**	**3**	**0,0**
Chrudim	3 915	167	1 415	100	36,1	2 480	274	63,3	20	91	0,5	0	0,0
Pardubice	3 566	140	2 047	117	57,4	1 351	217	37,9	168	97	4,7	0	0,0
Svitavy	2 642	129	1 469	101	55,6	1 124	197	42,5	49	163	1,9	0	0,0
Ústí nad Orlicí	3 527	109	1 815	91	51,5	1 475	149	41,8	227	88	6,4	10	0,3
Pardubice	**13 650**	**134**	**6 746**	**102**	**49,4**	**6 430**	**208**	**47,1**	**464**	**96**	**3,4**	**10**	**0,1**
Havlíčkův Brod	2 622	113	1 586	105	60,5	889	130	33,9	146	132	5,6	1	0,0
Jihlava	2 877	118	1 782	120	61,9	731	132	25,4	185	84	6,4	179	6,2
Pelhřimov	2 161	104	1 163	99	53,8	949	110	43,9	34	170	1,6	15	0,7
Třebíč	2 332	112	1 467	109	62,9	666	143	28,6	199	72	8,5	0	0,0
Žďár nad Sázavou	2 930	102	1 510	95	51,5	1 258	113	42,9	45	129	1,5	117	4,0
Vysočina	**12 922**	**110**	**7 508**	**106**	**58,1**	**4 493**	**122**	**34,8**	**609**	**92**	**4,7**	**312**	**2,4**

District (region)	Interventions in total		FRS CR interventions			Municipal VFU interventions			Enterprises FRS interventions			Other units interventions	
	Number	Ind.%	Number	Ind.%	% in total	Number	Ind.%	% in total	Number	Ind.%	% in total	Number	% in total
Blansko	2 553	124	1 282	112	50,2	1 248	141	48,9	23	72	0,9	0	0,0
Brno-město	5 590	114	4 984	115	89,2	497	109	8,9	109	117	1,9	0	0,0
Brno-venkov	3 758	87	2 641	87	70,3	1 043	90	27,8	74	85	2,0	0	0,0
Břeclav	1 737	97	1 083	95	62,3	618	102	35,6	36	97	2,1	0	0,0
Hodonín	1 775	103	1 056	97	59,5	675	109	38,0	44	176	2,5	0	0,0
Vyškov	1 569	94	1 110	100	70,7	437	86	27,9	22	39	1,4	0	0,0
Znojmo	1 524	83	1 084	92	71,1	419	67	27,5	21	91	1,4	0	0,0
South Moravia	**18 506**	**101**	**13 240**	**101**	**71,5**	**4 937**	**102**	**26,7**	**329**	**93**	**1,8**	**0**	**0,0**
Jeseník	1 257	131	658	120	52,3	587	149	46,7	12	109	1,0	0	0,0
Olomouc	5 125	139	2 923	120	57,0	2 123	185	41,4	74	67	1,4	5	0,1
Prostějov	1 841	100	1 125	110	61,1	707	91	38,4	9	29	0,5	0	0,0
Přerov	2 490	131	1 520	118	61,0	748	145	30,0	222	220	8,9	0	0,0
Šumperk	2 747	119	1 415	119	51,5	1 281	120	46,6	51	94	1,9	0	0,0
Olomouc	**13 460**	**126**	**7 641**	**118**	**56,8**	**5 446**	**139**	**40,5**	**368**	**120**	**2,7**	**5**	**0,0**
Kroměříž	1 705	124	1 026	115	60,2	610	137	35,8	66	174	3,9	3	0,2
Uherské Hradiště	2 055	123	1 093	107	53,2	731	172	35,6	37	218	1,8	194	9,4
Vsetín	2 682	105	1 168	106	43,5	1 205	102	44,9	105	162	3,9	204	7,6
Zlín	3 335	128	2 052	121	61,5	1 123	144	33,7	152	117	4,6	8	0,2
Zlín	**9 777**	**119**	**5 339**	**113**	**54,6**	**3 669**	**130**	**37,5**	**360**	**144**	**3,7**	**409**	**4,2**
Bruntál	2 816	124	1 349	111	47,9	1 399	138	49,7	52	163	1,8	16	0,6
Frýdek-Místek	5 109	121	2 320	109	45,4	2 224	133	43,5	565	133	11,1	0	0,0
Karviná	4 184	124	2 859	112	68,3	1 136	162	27,2	189	159	4,5	0	0,0
Nový Jičín	3 683	134	1 365	102	37,1	2 008	170	54,5	310	139	8,4	0	0,0
Opava	3 326	121	1 578	104	47,4	1 529	143	46,0	219	125	6,6	0	0,0
Ostrava	8 531	129	6 275	126	73,6	1 387	222	16,3	868	85	10,2	1	0,0
Moravian-Silesian	**27 649**	**126**	**15 746**	**115**	**56,9**	**9 683**	**155**	**35,0**	**2 203**	**110**	**8,0**	**17**	**0,1**

Proportion of interventions according to types of fire units

FRS CR	**59,0 % of all interventions**
	Total number of 245 fire units registrated (as of December 31, 2020).
Municipality VFU	**35,7 % of all interventions**
	Total number of 6 389 fire units (as of December 31, 2020), from which 241 fire units category II, 1 380 fire units category III, 4 768 fire units category V. From the total number as many as 727 (11,4 %) fire units operated in only one intervention and 2 183 (34,2 %) fire units didn´t operated at all. The main types of interventions were technical assistances, fires and false alarms.
Enterprises FRS	**4,9 % of all interventions**
	Total of 95 fire units (as of December 31, 2020), from those 16 military fire units. The main types of interventions were technical and technological assistances and false alarms.
Enterprises VFU	**0,4 % of all interventions**
	Total of 108 fire units (as of December 31, 2020). The main types of interventions were false alarms and technical assistances.

Number of firefighter´s fatalities and injuries in interventions

Category	2016		2017		2018		2019		2020		Index %	
	F	I	F	I	F	I	F	I	F	I	F	I
Professional firefighters	0	283	1	236	1	251	1	260	0	255	0	98
Voluntary firefighters	0	123	1	209	0	173	1	170	0	145	0	85
Total	**0**	**406**	**2**	**445**	**1**	**424**	**2**	**430**	**0**	**400**	**0**	**93**

Particular fire units' activities

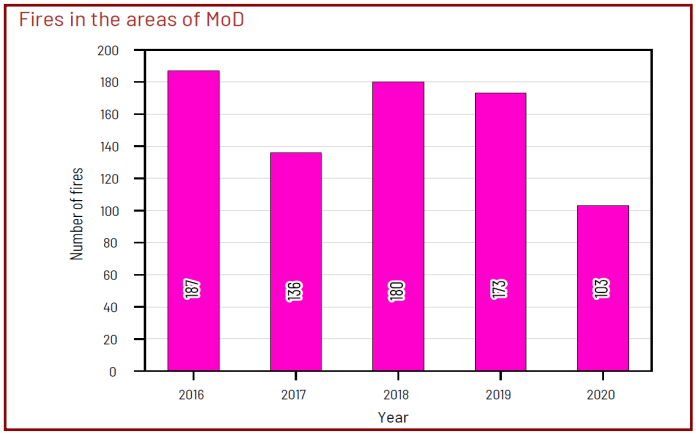
Activity type	FRS CR		Municipal VFU		Enterprises FRS		Enterprises VFU and others	Total	
	Number	*Index %*	Number	*Index %*	Number	*Index %*	Number	Number	Index %
fire assistance	156	83	730	96	40	54	8	934	91
assistance on searching or elimination of explosives	73	62	16	114	3	60	0	92	68
reconnaissance	108 693	101	55 146	119	8 784	98	568	173 191	106
use of fire extinguisher	386	97	240	80	81	99	16	723	91
use of simple fire extinguisher	1 683	98	1 249	96	70	49	0	3 002	95
D water stream	625	108	830	108	67	99	69	1 591	106
C water stream	4 007	88	5 061	93	315	80	49	9 432	90
B water stream	125	65	270	84	15	83	2	412	77
water foam monitor stream water	275	61	315	50	39	70	25	654	56
high - pressure water	5 681	85	2 491	90	250	80	9	8 431	86
use of high-pressure water fog	90	71	11	92	0	x	0	101	73
light expansion foam	2	x	0	0	0	x	0	2	67
medium expansion foam	106	88	27	100	14	156	2	149	94
low expansion foam	76	79	23	128	15	115	2	116	89
soaking agent	437	96	293	95	33	220	1	764	98
powder from mobile equipment	5	167	3	300	1	17	0	9	90
inert gasses from mobile equipment	36	120	0	0	4	44	0	40	100
special technical equipment and extuinguishing agents	272	115	76	83	8	100	0	356	105
water pumping	1 559	151	4 489	254	211	119	32	6 291	209
long-distance water supply with hoses	40	52	137	71	2	100	0	179	65
shuttle water supply	449	88	1 803	104	51	100	4	2 307	100
water refill	1 326	91	3 196	93	136	87	6	4 664	92
cooling	814	105	369	100	90	91	24	1 297	101
natural ventilation	4 044	110	1 226	130	307	133	61	5 638	115
forced ventilation	1 256	92	490	98	80	108	8	1 834	94
insulation, separation of substances	55	83	12	150	9	100	0	76	88
neutralisation	28	67	5	100	7	58	0	40	68
dilution	58	104	18	113	22	110	1	99	106
substances pump - over	266	104	57	197	14	70	8	345	111
bordering and obstructing after leaked substance	1 117	95	232	97	86	105	17	1 452	97
collecting of leaked substance (excl. oil substances)	320	110	54	95	59	102	8	441	106
identification of leaked substance	1 683	206	46	87	55	120	3	1 787	194
sampling	318	140	14	140	8	160	1	341	141
gas concetration measurement	3 188	100	143	122	171	86	5	3 507	100
securing of place of accident	11 683	92	3 214	96	636	88	5	15 538	92
securing of place of air equipment landing	643	83	248	80	5	56	1	897	82
removing of after-effect traffic accident	7 779	88	1 943	95	537	88	1	10 260	89
traffic control	7 203	93	6 400	115	216	94	3	13 822	102
removing of obstacles from roads and other areas	18 254	103	16 644	129	2 105	105	30	37 033	113
cleaning-up of oil products (vehicle´s filling)	10 799	93	2 549	101	384	88	51	13 783	94
fire protection measures	11 673	91	3 019	100	275	106	25	14 992	93
surroundings securing	1 163	108	1 170	158	52	149	0	2 385	128
lighting the place of intervention	2 825	104	2 172	104	267	97	1	5 265	104
water surface intervention	381	110	180	126	9	180	13	583	118
intervention on and under water surface	231	109	160	178	1	100	2	394	130
operating the dangerous equipment	108	105	35	88	1	33	0	144	99
provisional repair	1 710	112	672	158	153	120	11	2 546	122
construction dismantling	2 566	103	2 170	100	129	128	19	4 884	102
water ray cutting	13	37	0	x	2	x	0	15	43
water, gas, electricity etc. closing	2 387	94	500	113	52	90	8	2 947	97
breaking into closed space	13 176	99	1 388	102	73	91	6	14 643	99
snow and ice removing	8	1	10	8	5	9	0	23	3
intervention at height using climbing equipment	663	237	165	89	51	91	3	882	165
intervention at height and depth	4 520	99	1 082	116	100	73	3	5 705	101
persons searching	391	92	462	92	49	102	0	902	92
searching persons in rubbles	26	100	7	58	2	x	0	35	92
searching and rescue of persons from water	167	118	93	127	0	x	1	261	118
extrication of persons from depth	126	98	32	80	3	100	0	161	93
extrication of persons at heights	110	101	12	67	2	200	0	124	97
extrication of persons from crashed vehicles	1 093	87	294	105	40	93	0	1 427	91
extrication of persons from lifts	1 071	88	66	116	72	76	4	1 213	88
extrication of persons from collapsed buildings	19	190	5	125	0	x	0	24	171
transport of patients	9 661	108	2 571	105	434	84	11	12 677	106
rescue of persons - another	4 256	106	527	107	87	118	57	4 927	107
pre-medical treatment	5 413	98	1 919	109	427	80	84	7 843	100

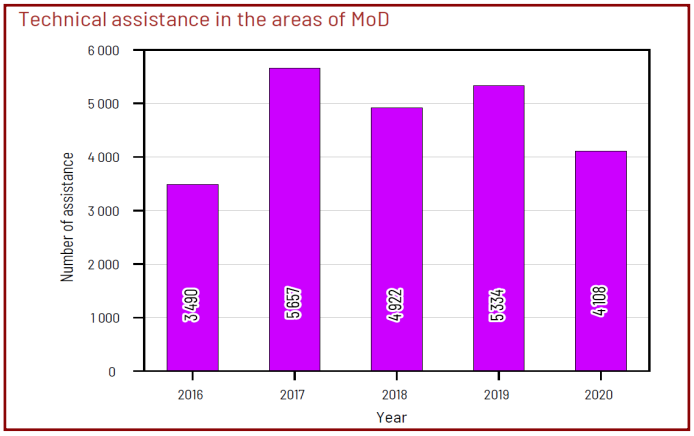
Activity type	FRS CR		Municipal VFU		Enterprises FRS		Enterprises VFU and others	Total	
	Number	*Index %*	Number	*Index %*	Number	*Index %*	Number	Number	Index %
use of defibrillator (AED)	256	96	387	154	5	50	1	649	123
cooperation in medical treatment of patient	4 439	99	1 262	105	86	97	10	5 797	100
extrication of material	562	114	284	137	29	81	0	875	119
capture of animals including searching	977	97	323	94	52	88	1	1 353	95
capture and elimination of insects	2 192	81	1 844	88	113	107	1	4 150	84
evacuation of inhabitants from objects	444	94	209	93	171	85	3	827	92
evacuation of inhabitants - areal	41	132	32	67	21	81	0	94	89
evacuation of material	198	98	232	109	7	100	2	439	104
evacuation of animals, rescue of animals	626	101	267	94	10	67	1	904	98
establishment and providing operation in evacuation center	8	200	3	25	0	x	0	11	69
marking of dangerous areas	612	123	487	231	39	186	3	1 141	156
decontamination of persons, incl. firefighters	1 070	3 963	157	5 233	97	1 386	1	1 325	3 581
decontamination of equipment	875	3 804	447	5 588	187	1 438	0	1 509	3 353
floods - preparedness measures	145	414	741	668	4	400	0	890	605
floods - elimination of after-effect	306	257	1 883	427	5	167	0	2 194	390
getting cover into work	1	x	2	200	0	x	0	3	300
transport of drinking water, food and articles for survival	30	81	228	456	3	60	1	262	285
dispensing and distribution of drinking water and food	63	71	111	227	8	53	1	183	120
providing of technical equipment for IRS bodies	511	151	117	186	8	100	1	637	155
logistics	410	215	557	326	8	200	2	977	267
water streams monitoring	281	161	935	458	13	217	1	1 230	319
waiting for special services	1 670	101	398	126	196	92	2	2 266	104
taking pictures, videos	27 321	118	4 071	123	3 157	107	11	34 560	118
use of thermal imaging camera	7 069	108	1 368	130	404	91	11	8 852	110
standby on the place of intervention	2 333	100	5 136	96	204	100	8	7 681	97
standby on own fire station	14	117	1 774	195	5	500	0	1 793	194
standby on the fire station	287	89	721	89	1	100	0	1 009	89
others	7 827	154	5 007	274	1 526	188	33	14 393	186
fire unit didn´t intervene (call off on the way to accident)	4 198	102	2 704	108	194	87	2	7 098	104
Total	**324 133**	**102**	**160 468**	**119**	**23 769**	**102**	**1 364**	**509 734**	**107**

Incidents with intervention of military fire units

	2016	2017	2018	2019	2020	Index %
Fires under MoD area	187	136	180	173	103	60
losses (thousands CZK)	1 410,0	300,0	2 973,8	19 825,3	5 191,0	26
salvaged values (thousands CZK)	39 960,0	10 092,0	46 574,6	102 444,2	127 500,0	124
Fires outside the MoD area	29	14	34	17	7	41
Technical assistances under MoD area	3 490	5 657	4 922	5 334	4 108	77
Technical assistances outside the area of MoD	10	28	51	40	5	13

Under the Act No. 133/1985 Coll. on fire protection, as amended, fire supervision under the MoD area of responsibility is provided by fire protection bodies of the MoD in accordance with § 85a. Military Fire Supervision body provides fire supervision of military objects, units and in institutions established by legal entities or by MoD in extent of § 31 (The act No. 133/1985 Coll. on Fire Protection, as amended). Military Fire Supervision body has 6 employees. Military fire units operate as enterprises FRS units according to § 65 a No. 133/1985 Coll. on Fire Protection, as amended. The number of military fire units station in the Czech Army is 16 stations with total 629 firefighters in 24 hours/day duty and 3 with 26 total firefighters in 8 hours/day duty. Military fire units can be used for assistance in emergencies to support Integrated Rescue System. The number of firefighters in military fire units is in total 578.





Selected fires with loss of 10 million CZK and higher, selected emergencies in the 3rd stage and special stage of alert

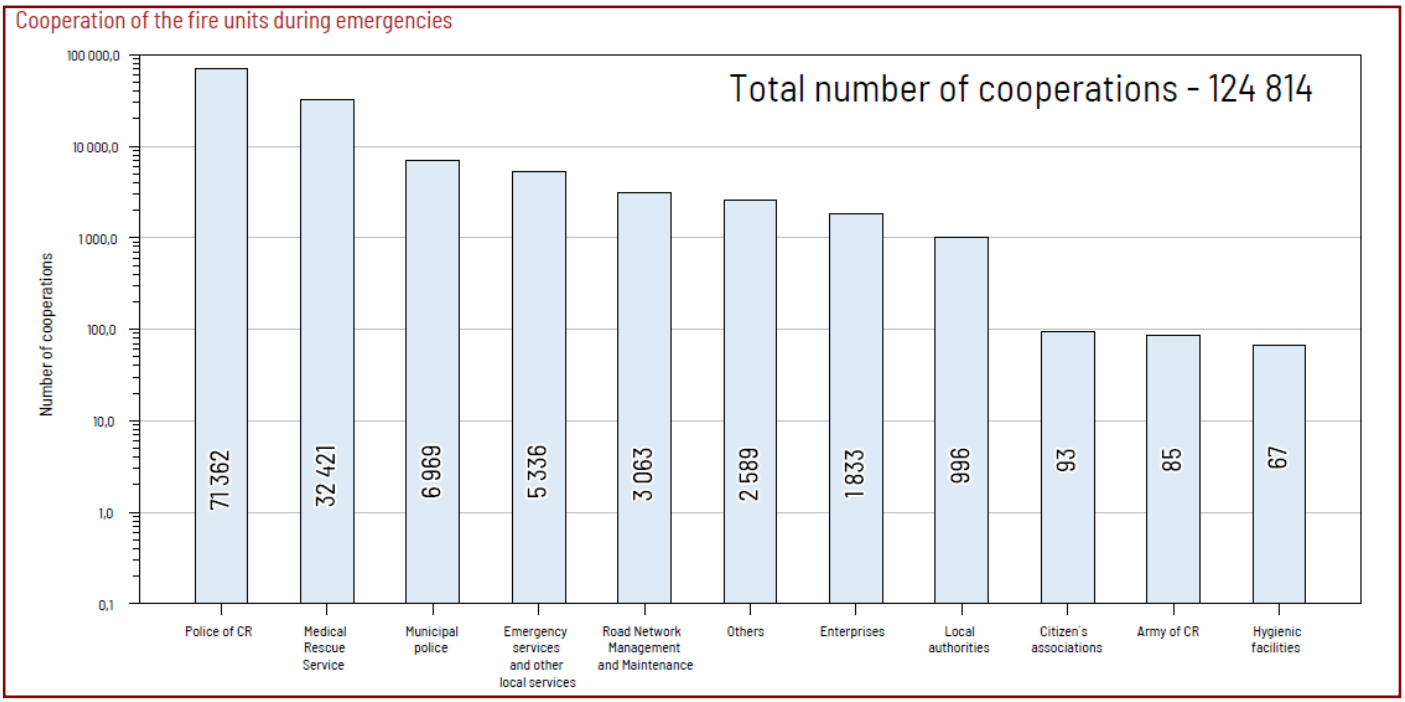
Region	Date	Description (type of the event, place and detailed information)
Capital of Prague	15. 7.	fire of museum, Praha-Malá Strana, cylinders present, turned on the electric current, fumed area and toxic gaseous substances present, difficult access to the place of intervention, intervention of chemical service unit, taking down the constructions, use of inert gasses, natural and forced ventilation, intervention at height and depths
	28. 10.	fire of the church, Praha-Smíchov, full-wooden temle, inaccessible terrain-garden, danger of explosion or destruction, cylinders present, taking down the constructions, hidden fire sources, intervention at height and depths
Central Bohemia	4. 1.	fire of the building in holiday area, Věšín, Příbram, protection of neighbouring objects, taking down the constructions, intervention at height and depths, hidden fire sources, use of soaking agent, shuttle water transport, 1 firefighter injured
	20. 1.	fire of family house, Jesenice, Praha-West, flammable substances present, taking down the constructions, hidden fire sources, use of simple extinguishing means, means and forces of FRS of Capital of Prague, intervention at height and depths, shuttle water transport, 1 firefighter injured
	25. 1.	fire of housing unit, Kladno-Kročehlavy, 12th floor of high-rise block, fumed area and toxic gaseous substances present, radiant heat, melting of flammable substances, danger of explosion or destruction, inappropriate boarding area, means and forces of FRS of Capital of Prague, searching and evacuation of persons and animals, intervention at height and depths, 2 policemen injured
	11. 2.	fire of storage hall, Úvaly, Praha-East, pallets with stored material, intervention was complicated due to strong wind and rain, lack of water, protection of neighbouring objects, taking down the constructions, hidden fire sources, use of simple extinguishing means, extinguishing by special technical means, means and forces of FRS of Capital of Prague, use of medium expansion foam, intervention at height and depths, shuttle water transport
	14.2.	fire of wrecks in area of scrap metal, Kladno-Dubí, area of 60 × 34 m, 4 m height, flammable substances, grease, plastic and tyres present, extinguishing by special technical means, means nad forces of Emergency unit of FRS CR, intervention of chemical laboratory Kamenice, use of high capacity container, wrecks dipped into the container with water and soaking agent, use of medium and low expansion foam, shuttle water transport, 1 firefighter injured
	26. 5.	fire of mill house, Brodce, Mladá Boleslav, 5-floor wooden building, 3tons of flours present, zero visibility in higher floors, taking down the constructions, hidden fire sources, use of extinguishers, extinguishing by special technical means, use of soaking agent, 1 firefighter injured
	30. 6.	fire of photovoltaic power station, furniture manifacture, Kostelec nad Labem, Mělník, 2 200 pieces of photovoltaic pannels, taking down the constructions, hidden fire sources, use of extinguishers, extinguishing by special technical means, use of powder, intervention at height with climbing equipment, intervention at height and depths, 1 firefighter injured
	14. 7.	traffic acident of car and cargo train, Český Brod-Štolmíř, Kolín, means and forces of FRS of Capital of Prague, coordination with Municipal Police in Český Brod and Police of the CR, evacuation of persons from the train, treatment of injured person in cooperation with Emergency Medical Service, method of START, lighting of place of intervention, stabilization and extrication of train units, derailment of wagons
	6. 8.	fire of storage, Kutná Hora-Hlouška, explosion of cylinders, dangerous substances present, 20 tons of plastic waste, use of soaking agent, shuttle water transport, hidden fire sources, reburning, use of over pressure ventilation, finding out of shortage in fire documentation
	26. 8.	fire of wood chips machine, Rožmitál pod Třemšínem, Příbram, storage of corn and maize, agriculture machinery, building with farm animals, intervention was complicated due to strong wind, reburning, protection of neighbouring objects, fields and meadow, hidden fire sources, extinguishing by special technical means, means nad forces of Emergency unit of FRS CR, FRS South Bohemia and FRS Plzeň region, use of soaking agent, intervention at height and depths, shuttle water transport, 6 firefighters injured, 3 days long intervention, use of material help, finding out of shortage in fire documentation
	19. 11.	fire of storage hall, Kralupy nad Vltavou-Mikovice, Mělník, fumed area and toxic gaseous substances present, danger of explosion or destruction, taking down the constructions, hidden fire sources, cylinders present, use of simple extinguishing means, extinguished by CCS Cobra, means nad forces of Emergency unit of FRS CR and FRS Capital of Prague, intervention of chemical laboratory Kamenice, use of soaking agent, intervention at height and depths, shuttle water transport
	28. 12.	fire of power station, Kolín, tower belt coal conveyor, taking down the constructions, hidden fire sourcest, use of simple extinguishing means, extinguishing by special technical means, use of medium expansion foam, intervention at height and depths
South Bohemia	6. 4.	fire of rake, Cizkrajov-Mutná, Jindřichův Hradec, area of 3,5 hectares, intervention was complicated due to strong wind, means nad forces of FRS Vysočina region, aerial extinguishingshuttle, water transport
	8. 4.	fire of forest, Tučapy-Brandlín, Tábor, area of 6 hectares, intervention was complicated due to strong wind, use of simple extinguishing means, shuttle water transport
	13. 7.	fire of galvanazing factory, Tábor, chemical reaction of stored substances, leakage of 10 different dangerous substances, taking down the constructions, means and forces of FRS of Central Bohemia, intervention of chemical laboratory Kamenice, use of soaking agent, intervention at height and depths, shuttle water transport, deconontamition of firefighters, finding out of shortage in fire documentation
Plzeň	14. 1.	fire of wagon in tunnel, Plzeň-Doubravka, employees tried to extinguish the fire before the arrival of fire units, fumed area and toxic gaseous substances present, hidden fire sources, non-functial connection inside the tunnel-the only one functional intervention channel, information support of camera system, evacuation of persons
	19.1.	fire of pig farm, Kladruby, Rokycany, area hall of 100 × 12 m, 300 farmed sows and 1 300 piglets died in the fire, protection of neighbouring objects, rescue of farm animals in neighbouring halls, use of over pressure ventilation, taking down the constructions, means nad forces of Emergency unit of FRS CR, shuttle water transport
	16. 4.	fire of fuel tank, Třemošná, Plzeň-North, 3 100 m^3 of petrol, protection of neighbouringh high-capapacity reservoirs of petrol, use of CCS Cobra, use of soaking agent, intervention at height with climbing equipment, intervention at height and depths, shuttle water transport
	15. 7.	fire of housing unit under reconstruction, Železná Ruda-Hojsova Stráž, Klatovy, fumed area and toxic gaseous substances present, multiple fire source, taking down the constructions, intervention at height and depths, shuttle water transport
	11. 8.	fire of hay shed and 1 300 pieces of straw bales, Osek, Rokycany, means nad forces of Emergency unit of FRS CR, shuttle water transport, 1 firefighter injured
	7. 9.	fire of farmstead, Újezd nade Mží, Plzeň-North, former castle, barn, agriculture machinery, lack of water, taking down the constructions, protection of neighbouring objects, hidden fire sources, use of soaking agent, intervention at height with climbing equipment, intervention at height and depths, shuttle water transport, finding out of shortage in fire documentation

Cause	Number of fatalities	Number of injuries	Number of rescued or evacuated person	Losses (mil CZK)	Salvaged values (mil CZK)	Number of fire units	Stage of alert
negligence by welding		1		15,0	1 000,0	5	1.
unproven fault				10,0		8	2.
deliberate ignition		1		10,0	10,0	12	2.
negligence, incorrect heater operation		2		5,5	5,0	19	3.
unproven fault	1	16	116	30,0	50,0	13	2.
technical failure of cooling device			9	15,0	10,0	17	3.
technical failure		1				30	3.
technical failure of elevator		1		20,0	20,0	18	3.
technical failure of wiring of photovoltaic power station		1		25,0	10,0	12	2.
	1	2 firefigh-ters + 33	157			20	3.
handling of hot ash			10	20,0	20,0	9	2.
self ignitions of wood chips		6 firefigh-ters		10,0	100,0	44	special
deliberate ignition				150,0	50,0	29	3.
under investigation				40,0	200,0	20	3.
unclear				0,0	0,5	9	3.
negligence, starting fires in nature				0,1	2,0	11	3.
technical failure of wiring			6	80,0	500,0	9	3.
technical failure of wagon brake system		3	76	0,0	3,5	19	3.
under investigation				35,0	70,0	12	3.
technical failure of wiring, ignition of petrol vapours			21	13,0	500,0	15	3.
negligence, use of open fire				13,9	7,0	9	2.
self ignitions		1		9,2	26,8	13	3.
technical failure of wiring				25,0	20,0	9	2.

Selected fires with loss of 10 million CZK and higher, selected emergencies in the 3rd stage and special stage of alert

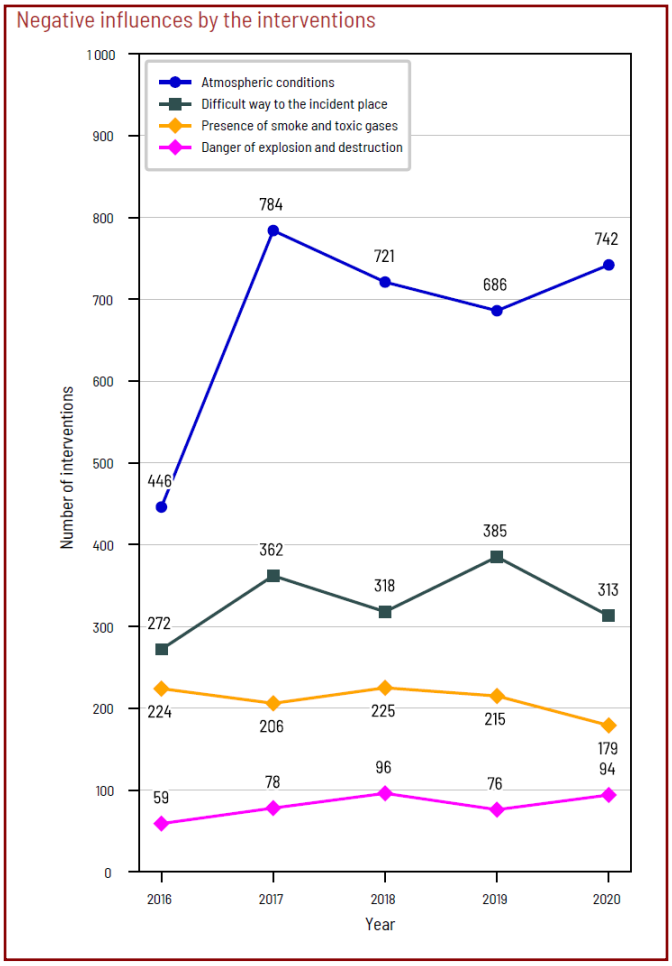
Region	Date	Description (type of the event, place and detailed information)
Karlovy Vary	29. 2.	fire of housing unit, Mariánské Lázně, Cheb, fumed area and toxic gaseous substances present, inappropriate boarding area, multiple fire source, taking down the constructions, multiple fire source, taking down the constructions, means and forces of FRS Plzeň region, intervention at height and depths, shuttle water transport, 1 firefighter injured
	16. 4.	fire of forest, Milíkov, Cheb, multiple fire source, difficult access to the place of intervention-rocks, hidden fire sources, use of simple extinguishing means, means and forces of FRS of Capital of Prague, aerial extinguishing, use of soaking agent, shuttle water transport
	28. 4.	fire of producing hall and administrative building of sawmill, Krásný les, Karlovy Vary, taking down the constructions, extinguished by CCS Cobra, means and forces of FRS of Ústecký region, use of soaking agent, intervention at height and depths, cutting with water ray, shuttle water transport
	26. 6.	fire of sorting house of coal, Vintířov, Sokolov, 2 pouring towers, belt conveyors, hidden fire sources, use of soaking agent, shuttle water transport
Ústí nad Labem	27. 1.	fire of hay shed and 500 pieces of straw bales, Petrohrad-Černčice, Louny, taking down of side brick walls, transport of hay with loader, water pouring, means and forces of FRS of Central Bohemia, intervention at height and depths, shuttle water transport
	22. 5.	fire of two cottages and forest, Jetřichovice-Rynartice, Děčín, restaurant and pension, area of 1 hectar of forest, inaccessible terrain in rocks, cylinders present, taking down the constructions, hidden fire sources, means and forces of FRS of Central Bohemia, aerial extinguishing, intervention at height and depths, shuttle water transport
	4. 9.	fire of producing hall and storage hall of paper, Košťany, Teplice, intervention was complicated due to strong wind, taking down the constructions, protection of neighbouring objects, hidden fire sources, means and forces of FRS of Karlovarský region, use of soaking agent, intervention at height and depths, shuttle water transport
Liberec	6. 4.	fire of forest, Železný Brod-Horská Kamenice, Jablonec nad Nisou, area of 20 hectares, inaccessible indented terrain, protection of sheepfold, fumed area and toxic gaseous substances present, multiple fire source, intervention was complicated due to strong wind and drought, hidden fire sources, reburning, use of simple extinguishing means, means and forces of FRS of Capital of Prague, aerial extinguishing, shuttle water transport, 1 firefighter injured, use of material help
	21. 5.	fire of forest, Malá Skála, Jablonec nad Nisou, area of 1,5 hectares, intervention was complicated due to strong wind, difficult access to the place of intervention, lack of water, protection of forest machinery, hidden fire sources, use of simple extinguishing means, means and forces of FRS of Central Bohemia, aerial extinguishing, shuttle water transport, use of material help
	28. 10.	fire of producing hall, Roztoky u Jilemnice, Semily, adhesives present, dangerous substances present, fumed area and toxic gaseous substances present, radiant heating and melting down of flammable substances, danger of explosion or destruction, taking down the constructions, means and forces of FRS of Královéhradecký region, use of soaking agent, intervention at height and depths, shuttle water transport, 1 firefighter injured, finding out of shortage in fire documentation
Hradec Králové	6. 5.	fire of storage hall, Police nad Metují-Velká Ledhuje, Náchod, radiant heat and melting of flammable material, danger of explosion or destruction, turned on the electric current, fumed area and toxic gaseous substances present, taking down the constructions, use of simple extinguishing means, intervention of chemical laboratory of Population protection institute, use of soaking agent, intervention at height and depths, shuttle water transport, 2 injured firefighters
Vysočina	6. 4.	fire of forest, Podmoky, Havlíčkův Brod, area of 25 hectares, intervention was complicated due to strong wind, multiple fire source, hidden fire sources, use of simple extinguishing means, means and forces of FRS of Central Bohemia, shuttle water transport
	6. 4.	fire of forest, Radošov, Třebíč, area of 8 hectares, intervention was complicated due to strong wind, use of simple extinguishing means, shuttle water transport, use of material help
	6. 4.	fire of forest, Jamné, Jihlava, area of 45 hectares, use of simple extinguishing means, extinguishing by special technical means, means and forces of FRS of South Moravian region, aerial extinguishing, use of soaking agent, shuttle water transport
South Moravian	13. 4.	fire of forest, Věstín-Bolešín, Žďár nad Sázavou, inaccessible terrain, intervention was complicated due to strong wind, hidden fire sources, use of simple extinguishing means, means and forces of FRS of Pardubice region and FRS of South Moravian region, shuttle water transport
	17. 1.	fire of wood-producing hall and painting shop, Holasice, Brno-country, lack of water, non-functional underground and ground hydrants, taking down the constructions, hidden fire sources, use of simple extinguishing means, extinguishing by special technical means, extinguished by CCS Cobra, means nad forces of Emergency unit of FRS CR, intervention of chemical laboratory Tišnov, mobile operational and information center container placed on site, use use of soaking agent, use of medium and low expansion foam, intervention at height and depths, shuttle water transport, gas leakage, reburning, 3 days log intervention
	28.2.	fire of storage hall, Pouzdřany, Břeclav, cylinders present, danger of explosion or destruction, taking down the constructions, hidden fire sources, intervention of chemical laboratory Tišnov, mobile operational and information center - container placed on site, bad communication with object owners, use of soaking agent, use of low expansion foam, intervention at height and depths, shuttle water transport, 1 injured firefighter
Olomouc	6. 4.	fire of forest, Moravský Beroun-Nové Valteřice, Olomouc, area of 2 hectares, intervention was complicated due to strong wind and drought, hidden fire sources, use of simple extinguishing means, means and forces of FRS of Moravian-Silesian region, use of soaking agent, shuttle water transport
Zlín	16.3.	fire of forest, Pržno, Vsetín, area of 10 hectares, inaccessible terrain, intervention was complicated due to strong wind, multiple fire source, use of simple extinguishing means, shuttle water transport
Moravian-Silesian	9. 5.	fire of producing hall, Budišov nad Budišovkou, Opava, cylinders present, taking down the constructions, hidden fire sources, means nad forces of Emergency unit of FRS CR, means nad forces of FRS of Olomouc region, intervention at height and depths, shuttle water transport
	10. 5.	fire of producing hall, Rýmařov, okr. Bruntál, melting oven for aluminium, cylinders present, taking down the constructions, hidden fire sources, intervention at height and depths, shuttle water transport
	18. 6.	fire of petrol station, Český Těšín, Karviná, 2 undergroung gas reservoirs, shuttle water transport, sack with sand built as dam on the place of pumping, access to the place of intervention difficult by offender
	27. 6.	fire of agriculture hall, Rusín-Hrozová, Bruntál, in hall stored: agriculture machinery, diesel, oils, tyres, cylinders, corn and photovoltaic pannels, taking down the constructions, use of medium and low expansion foam, intervention at height and depths, shuttle water transport

Cause	Number of fatalities	Number of injuries	Number of rescued or evacuated person	Losses (mil CZK)	Salvaged values (mil CZK)	Number of fire units	Stage of alert
technical failure of wiring		1	11	20,0	25,0	13	3.
unproven fault						17	3.
technical failure of wood processing machinery				10,0	0,1	11	2.
unclear				13,9	40,9	5	1.
deliberate ignition				3,8		21	3.
unclear				23,0		20	3.
deliberate ignition				72,5		17	3.
negligence, starting fires in nature		1				34	special
unproven fault				0,2		17	3.
under investigation		1		100,0	50,0	19	special
under investigation		2		155,0	180,0	20	3.
negligence, starting fires in nature				1,8	2,0	17	3.
negligence, starting fires in nature				0,7	1,0	11	3.
negligence, starting fires in nature					0,4	13	3.
negligence, smoking				0,0	0,8	12	3.
technical failure of wiring of vacuum cleaner				26,0	4,0	24	3.
unclear		1		12,2	1,0	22	3.
unproven fault				0,2	0,4	23	3.
negligence, negligence of safety guidelines				0,5	0,5	11	3.
technical failure of wiring				10,0	10,0	9	2.
bad condition of heater or flue			4	15,0	20,0	11	2.
deliberate ignition			9	2,0	100,0	11	3.
technical failure of wiring				24,6	2,0	10	2.



Negative influences by the interventions

Type	Number	Index %
Late arrival of fire units		
malfunction of fire report office	7	88
failure of communication means	241	169
late reporting after noticing	7	117
late alarm declaring after reporting	8	57
late departure/response after alarm declaring	102	167
difficult road access to the spot of intervention	313	81
vehicle malfunction on the road	15	136
requested local fire unit did not depart to fire	64	90
late request of auxiliary fire units	3	100
others	60	130
Firefighting conditions		
lack of resources	8	80
lack of basic firefighting equipment	14	280
lack of special firefighting equipment	11	183
lack of water	20	133
lack of other firefighting means/agens	1	33
lack of protective equipment	5	71
firefighting equipment failure	84	114
incorrect deployment of firefighting forces and means	2	40
inaccurate cooperation with owner/user	42	105
others	7	88
Intervention impeding circumstances		
fume and presence of gaseous toxic substances	179	83
radiant heat, melting of flammable substances	42	86
electric current turned on	30	115
explosion or destruction danger	94	124
improper departure area	44	129
improper intervention or evacuation ways	44	86
temperature below -10 °C	0	0
other influences of atmospheric conditions	742	112
negative influence of technological disposition	10	167
others	26	81



Selected exercises of the IRS bodies in 2020

Exercise of the IRS bodies „Rescue of people from the underground - pumping water from great depth ", Rudice, South Moravian Region

The topic of this exercise was the rescue of amateur speleologists behind the water barrier created after flooding of the narrow profile of the cave. The exercise took place in the cave "Rudické propadání", which with its total length of more than 13 km (together with "Býčí skála") forms the second longest cave complex in the Czech Republic. The main goal of the training was to pump the water from the siphon in a distant part of the cave at a depth of over 100 meters below the surface. More than 800 meters of electric cable to power the pump were gradually stretched in the cave.

The exercise took place from 24 to 26 September 2020. Around 120 members of the Fire Rescue Brigade of the South Moravian Region, members of the Speleological Rescue Service of the Czech Speleological Society and members of selected voluntary fire units of the municipalities in the South Moravian Region participated in this exercise.

Tactical exercise of IRS bodies "Ethylene oxide leakage in the area of Linde Gas a.s., Ostrava" - Ostrava, Moravian-Silesian Region

The topic of the tactical exercise carried out on 22 September 2020 was the leakage of a toxic gas - ethylene oxide from a damaged pressure tank into the external environment on the premises of Linde Gas, a.s. (hereinafter referred to as "Linde Gas"). One employee was injured as a result of the leak.

The aim of the exercise was to train procedures and mechanisms at the level of intervening IRS bodies and state administration and self-government bodies using a manual from emergency card of IRS, including the level of preparedness of the facility operator in the event of an accident with leakage of hazardous substances.

More than 50 people from professional and voluntary fire units of the Moravian-Silesian Region, Police of the Czech Republic, Emergency Medical Services of the Moravian-Silesian Region, Ostrava Municipal Police and representatives of Linde Gas were involved in this exercise.

The exercise took place during full operation of Linde Gas, ie. in conditions that were able to bring the simulated activity closer to a real intervention. During the exercise, procedures and mechanisms were practiced at the tactical and operational level of coordination of IRS bodies in carrying out rescue and liquidation work. The rescue of the injured employee itself and the subsequent activities leading to stop the leakage of a hazardous material were carried out in accordance with the methodological guidelines of the fire units, ie. with the use of chemical suits and subsequent decontamination of persons and material means. The exercise proved the excellent readiness and ability to act of the IRS bodies of the Moravian-Silesian Region for this type of emergency.

Tactical exercise of the Fire Rescue Brigade of Liberec Region entitled "Forest Fire", Nové město pod Smrkem, Liberec Region

On Saturday, 26 September 2020, a tactical exercise of several units of professional and voluntary firefighters took place in the premises of STV Group, a.s., in Nové Město pod Smrkem. The topic of the exercise was bad weather and the associated storm that hit a tree between the buildings in the area and caused forest fire.

At the spot of the exercise, all procedures and activities in dealing with this kind of emergency were examined, including the firefighting intervention itself. A special feature of the exercise was the use of an unmanned aerial vehicle - a drone to monitor the extent of the emergency and the involvement of special mobile fire equipment of the Rescue Unit of Fire Rescue Service of the Czech Republic.

Tactical exercise of the Fire Rescue Brigade of the Pilsen Region entitled "Leakage of a hazardous material with a large number of injured persons in the area of the Tachov swimming pool", Tachov, Pilsen Region

On 24 January 2020, the tactical exercise of the IRS bodies took place in the building of the municipal swimming pool in Tachov under the title "Leakage of a hazardous material with a large number of injured persons in the area of Tachov swimming pool".

The topic of the exercise was the dealing with the emergency caused by the leakage of substances intended for chlorination of water during careless handling by the pool engineer with the subsequent development of a suffocating cloud. At that time, there were 30 people in the pool area, of which 5 of them were in the pool, from where they were unable to get on their own. The exercise verified and deepened the knowledge of IRS bodies. The exercise was attended by a total of 70 trainees from the fire units, the Police of the Czech Republic, the Emergency Medical Service of the Pilsen Region and 30 role players.

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:

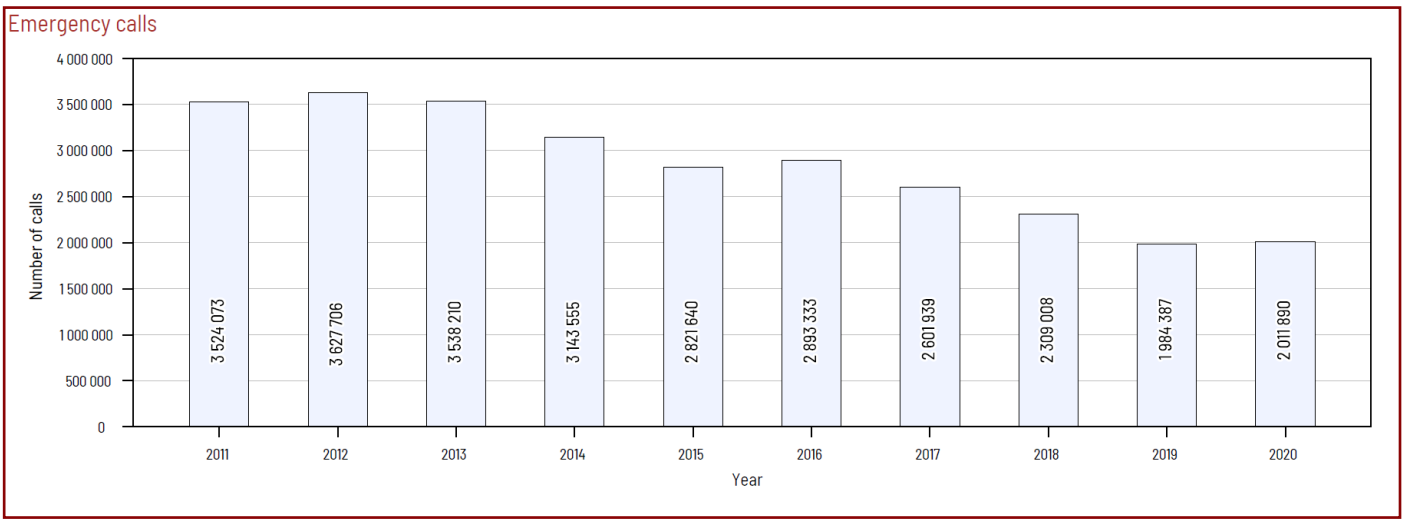
- continuously,
- for all citizens,
- throughout the territory,
- free of charge,
- in all telephone networks,
- and from any voice terminal equipment of telephone networks.

Citizens are used to this kind of call for help, and with the development of mobile telephony, emergency call has become constantly available. 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 emergency situation. 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. FRS CR operates advanced nationwide telecommunications technology dislocated in 14 regional call centres to receive emergency calls.

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 - Montenegro, Norway, Liechtenstein, Island and Turkey. In the Czech Republic, 112 emergency number is operated alongside with national emergency call numbers.

In 2020, the total number of 2 289 149 calls were received by FRS CR, from which 2 011 890 calls to single European number 112 and 227 259 calls to national number 150.



Fires

Basic indicators

Indicator	Value
Number of fires	17 346
Losses (CZK)	2 582 299 900
Salvaged values (CZK)	15 247 749 100
Fatalities in direct context	107
Total fatalities	144
Injuries	1 250

In 2020, in comparison to 2019, number of fires decreased by 7,8 % , losses increased by 16,5 %. Total of 387 major fires (with losses over 1 million CZK), i.e. 2,2 % of all fires caused 75,4 % of overall losses. Number of fatalities increased by 12,5 % and number of injuries decreased by 9,9 %.

Firefighters rescued 1 242 persons in fire interventions and 8 387 were evacuated.

Number of fatalities includes persons who were found death on place of fire and who did not die as a consequence of fire, it was in total 37 persons.

The summarry shows, that 47 fires per day with losses of 7,1 million CZK occured in average in the Czech Republic in 2020. Early intervention has salvaged values of 41,7 million CZK per day.

Salvaged values were 5,9 times higher than direct losses (by early intervention of fire units).

Remark: Total number of fires includes 8 fires abroad (meadows, family houses, agricultural objects and waste dumps).

Fires - summary

Year	Number of fires	Losses (CZK)	Salvaged values (CZK)	Fatalities	Injuries
1996	21 539	1 345 497 700	8 418 267 000	118	1 037
1997	21 540	1 229 951 200	6 393 776 000	135	1 026
1998	24 041	1 902 566 000	6 925 493 000	96	1 123
1999	20 857	2 088 610 700	8 907 455 000	105	934
2000	20 919	1 426 340 200	6 584 192 000	100	975
1996-2000	**108 896**	**7 992 965 800**	**37 229 183 000**	**554**	**5 095**
2001	17 285	2 054 670 000	6 230 121 000	99	881
2002	19 132	3 731 915 000	6 251 751 000	109	942
2003	28 937	1 836 614 900	7 646 975 000	141	1 112
2004	21 191	1 669 305 100	6 977 363 000	126	918
2005	20 183	1 634 371 000	7 110 116 000	139	914
2001-2005	**106 728**	**10 926 876 000**	**34 216 326 000**	**614**	**4 767**
2006	20 262	1 933 991 700	9 182 541 000	144	919
2007	22 394	2 158 494 200	8 974 428 000	130	1 023
2008	20 946	3 277 297 400	14 545 693 000	142	1 109
2009	20 177	2 169 150 200	9 074 906 000	117	980
2010	17 937	1 956 159 200	11 115 762 000	131	1 060
2006-2010	**101 716**	**11 495 092 700**	**52 893 330 000**	**664**	**5 091**
2011	21 125	2 241 800 100	8 078 932 000	129	1 152
2012	20 492	2 861 527 700	10 637 936 000	125	1 286
2013	17 105	2 402 562 900	13 342 294 000	111	1 189
2014	17 388	2 198 327 400	11 533 643 000	114	1 179
2015	20 232	2 495 902 900	11 093 236 000	115	1 449
2011-2015	**96 342**	**12 200 121 000**	**54 686 041 000**	**594**	**6 255**
2016	16 253	3 378 246 000	11 654 305 900	124	1 291
2017	16 757	3 653 115 100	9 674 378 000	92	1 392
2018	20 720	2 870 476 400	10 865 969 600	100	1 466
2019	18 813	2 216 302 200	12 352 214 400	128	1 388
2020	17 346	2 582 299 900	15 247 749 100	144	1 250
2016-2020	**89 889**	**14 700 439 600**	**59 794 617 000**	**588**	**6 787**

Number of fires with loss 1 million CZK and higher

Year	Number of fires	Share %	Losses (thous CZK)	Share %
2016	332	2,0	2 801 118,9	82,9
2017	404	2,4	3 037 810,6	83,2
2018	450	2,2	2 189 795,0	76,3
2019	406	2,2	1 530 679,1	69,1
2020	387	2,2	1 946 296,2	75,4

Fatalities and injuries in fires

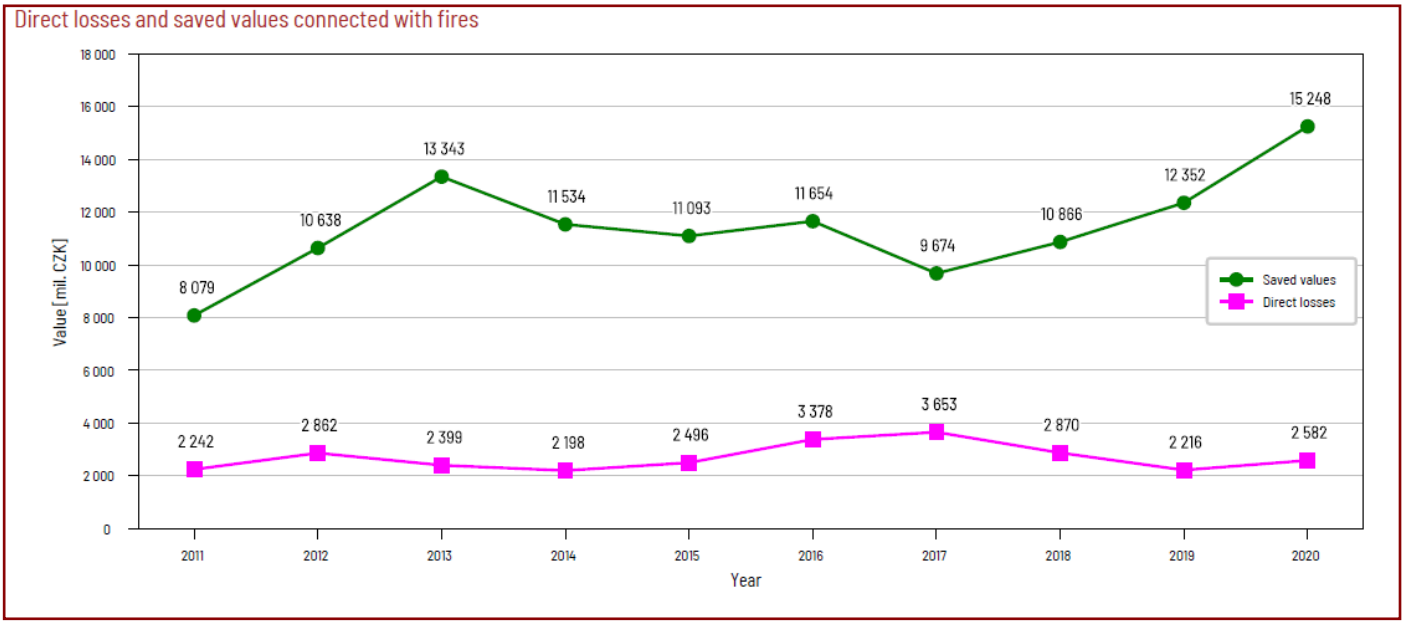
Category	2016		2017		2018		2019		2020		Index %	
	F[1)]	I	F[1)]	I	F[1)]	I	F[1)]	I	F[1)]	I	F[2)]	I
Children under 15 years	2 / 3	103	2 / 3	95	4 / 5	103	4 / 4	99	8 / 8	66	200	67
Persons from 15 to 65 years	46 / 78	876	38 / 66	970	39 / 70	955	55 / 82	912	68 / 98	856	120	94
Persons over 65 years	36 / 43	130	17 / 22	140	20 / 25	155	35 / 41	160	31 / 38	157	93	98
Professional firefighters	0	106	1	111	0	129	1	109	0	92	0	84
Voluntary firefighters	0	76	0	76	0	124	0	108	0	79	x	73
Total	**84 / 124**	**1 291**	**57 / 92**	**1 392**	**63 / 100**	**1 466**	**94 / 128**	**1 388**	**107 / 144**	**1 250**	**113**	**90**

[1)] fatalities in direct context / total fatalities

[2)] from total number of fatalities

Fires by place of origin

Building, object	Number of fires	Index %	Losses (mil CZK)	Index %	Salvaged values (mil CZK)	Fatalities		Injuries
						in direct context	total	
Civil buildings, incl. buildings for transport and lines	822	118	239,52	85	1 896,15	14	14	141
Housing funds	1 530	99	182,87	108	941,37	27	35	410
Family houses and other buildings for housing	1 851	115	263,72	77	1 324,41	24	28	233
Buildings and halls for production and services	407	119	653,00	206	2 858,15	1	1	33
Energetic production buildings	100	116	109,50	128	4 628,65	0	0	3
Buildings and objects for parking	145	117	52,82	71	115,66	2	2	17
Buildings for storage (excl. agricultural)	76	146	269,63	170	886,90	0	0	8
Buildings for storage of agricultural products	55	157	114,33	282	188,22	0	0	11
Buildings for arable and animal farming	50	139	87,24	524	372,45	0	0	5
Agricultural objects	23	288	3,26	43	26,82	0	0	1
Objects outside the buildings (excl. agricultural)	245	135	27,05	318	89,87	0	0	11
Objects under construction and reconstructions	46	112	21,04	115	38,62	0	0	9
Provisional and purpose objects at buildings	621	113	70,85	131	367,61	10	11	50
Means of transport and working machineries	2 173	99	395,10	76	692,13	8	30	171
Agricultural areas and natural environment	365	60	10,75	29	72,68	0	0	5
Forests	2 081	106	18,58	107	256,70	2	2	21
Open storage areas	2 199	74	17,05	97	176,58	1	2	30
Demolition and dumps	3 973	88	37,51	129	273,83	6	6	49
Others	584	46	8,48	36	40,98	12	13	42



Fires in branches

Economy branch	Number of fires	Share %	Index %	Losses (thous CZK)	Share %	Index %	Fatalities		Injuries
							in direct context	total	
Agriculture	1 740	10,03	71	451 264,60	17,48	247	0	0	36
Forestry	2 070	11,93	93	44 943,70	1,74	101	4	4	18
Mining of mineral	31	0,18	97	15 775,00	0,61	221	0	0	2
Manufacturing industry	691	3,98	94	707 669,00	27,40	145	0	0	55
Electricity and gas production and distribution	217	1,25	106	96 213,80	3,73	160	0	0	13
Building industry	109	0,63	100	30 800,60	1,19	179	0	0	6
Commerce, goods repair	122	0,70	82	39 582,50	1,53	26	1	1	8
Hospitality industry and accommodation	363	2,09	94	82 259,10	3,19	91	2	3	79
Transport	1 798	10,37	89	277 220,70	10,74	84	11	24	121
Post offices and telecommunications	19	0,11	136	2 225,40	0,09	2 225	0	0	1
Financial and insurance industry	7	0,04	233	305,00	0,01	575	0	0	1
Research, company services, real estates	294	1,69	105	106 595,30	4,13	213	0	1	50
Public administration, security	30	0,17	53	1 101,40	0,04	54	0	0	0
Education	39	0,22	80	6 664,50	0,26	47	0	0	1
Health care, social activity	58	0,33	105	12 030,00	0,47	125	9	9	43
Others public and personal services	3 726	21,48	87	118 943,00	4,61	118	11	13	49
Private households	5 264	30,35	104	560 086,60	21,69	90	66	85	720
Others and unclassified	768	4,43	107	28 619,70	1,11	61	3	4	47

Fires causes and activities by the origin

Cause	Number of fires	Share %	Index %	Losses (thous CZK)	Share %	Fatalities		Injuries
						in direct context	total	
deliberate ignition	**964**	**5,56**	**90**	**362 548,80**	**14,04**	**23**	**24**	**117**
suicidal intention	**10**	**0,06**	**48**	**529,90**	**0,02**	**0**	**1**	**6**
children up to 15 years	**126**	**0,73**	**87**	**30 079,10**	**1,16**	**3**	**3**	**23**
unproven fault	**4 103**	**23,65**	**88**	**98 858,60**	**3,83**	**4**	**4**	**63**
smoking	1 074	6,19	77	43 629,90	1,69	**13**	**16**	101
setting a fire, burning off	1 934	11,15	98	12 708,80	0,49	**2**	**2**	33
incorrect heater operation	138	0,80	111	25 094,50	0,97	**3**	**4**	37
flammable substances near the heater	32	0,18	71	4 117,00	0,16	**0**	**0**	10
use of flammable liquids and gasses	46	0,27	79	11 204,00	0,43	**1**	**2**	36
use of open fire	269	1,55	105	47 314,20	1,83	**7**	**9**	80
manipulation with burning ashes	416	2,40	102	50 071,60	1,94	**0**	**0**	19
welding, cutting, defreezing	162	0,93	113	36 824,20	1,43	**2**	**2**	28
ignition of food by cooking	685	3,95	107	17 079,00	0,66	**2**	**5**	106
negligence of safety instructions	508	2,93	105	59 503,40	2,30	**9**	**9**	103
negligence, mistake, incorrect handling, unclassified negligence	318	1,83	77	18 556,10	0,72	**7**	**8**	36
negligence - total	**5 582**	**32,18**	**94**	**326 102,70**	**12,63**	**46**	**57**	**589**
improper constructure of the chimney	79	0,46	123	17 364,00	0,67	**1**	**1**	2
walled beam in the chimney	37	0,21	106	11 187,50	0,43	**0**	**0**	4
joints in the chimney	29	0,17	85	9 831,00	0,38	**0**	**0**	1
sparks from the chimney, soot ignition	1 207	6,96	137	7 793,30	0,30	**0**	**0**	7
chimneys - total	**1 352**	**7,79**	**134**	**46 175,80**	**1,79**	**1**	**1**	**14**
technical failure in heater	21	0,12	66	6 555,20	0,25	**0**	**0**	2
bad condition of heater or flue	24	0,14	160	20 671,00	0,80	**0**	**0**	3
improper placement or instalation of heater	52	0,30	104	14 750,00	0,57	**4**	**4**	3
other heater failure	12	0,07	109	3 791,80	0,15	**0**	**0**	0
heaters - total	**109**	**0,63**	**101**	**45 768,00**	**1,77**	**4**	**4**	**8**
technical failure	2 267	13,07	90	763 137,10	29,55	**5**	**6**	167
incorrect instalation	15	0,09	167	3 156,00	0,12	**0**	**0**	0
improper service	3	0,02	27	765,00	0,03	**0**	**0**	0
burning materials, products	26	0,15	72	13 195,70	0,51	**0**	**0**	0
foreign object in the machine	94	0,54	52	18 631,40	0,72	**0**	**0**	1
electricity static charge	14	0,08	156	14 163,00	0,55	**0**	**0**	6
sparks from the exhaust, brakes	71	0,41	61	4 780,00	0,19	**0**	**0**	2
rubbing, overheating	136	0,78	86	18 545,50	0,72	**0**	**0**	5
other changes in operational parameters	822	4,74	108	244 846,60	9,48	**3**	**3**	54
technical failures - total	**3 448**	**19,88**	**91**	**1 081 220,30**	**41,87**	**8**	**9**	**235**
self ignition of agricultural crops	133	0,77	95	30 908,50	1,20	**0**	**0**	1
self ignition of coal	16	0,09	59	3 200,00	0,12	**0**	**0**	1
self ignition of oils	2	0,01	29	110,00	0,00	**0**	**0**	0
self ignition of chemical substances	20	0,12	100	1 524,00	0,06	**0**	**0**	0
self ignition of chemical products	19	0,11	173	4 190,00	0,16	**0**	**0**	2
other self ignition (e.g. waste)	94	0,54	60	13 113,50	0,51	**0**	**0**	10
self ignitions - total	**284**	**1,64**	**78**	**53 046,00**	**2,05**	**0**	**0**	**14**
gas explosion	0	0,00	0	0,00	0,00	**0**	**0**	0
flammable liquids explosion	1	0,01	50	300,00	0,01	**0**	**0**	0
dust explosion	1	0,01	x	50,00	0,00	**0**	**0**	0
explosive detonation	1	0,01	33	0,00	0,00	**0**	**0**	1
cylinders, boilers explosion	0	0,00	0	0,00	0,00	**0**	**0**	0
explosions - total	**3**	**0,02**	**27**	**350,00**	**0,01**	**0**	**0**	**1**
handling of flammable substances	**9**	**0,05**	**225**	**620,00**	**0,02**	**0**	**0**	**5**
lightning - objects with conductor	5	0,03	125	2 610,00	0,10	**0**	**0**	1
lightning - objects without conductor	7	0,04	24	5 045,00	0,20	**0**	**0**	0
lightning - others	31	0,18	53	317,60	0,01	**0**	**0**	0
natural disaster	16	0,09	55	486,60	0,02	**0**	**0**	1
traffic accident	109	0,63	89	14 224,00	0,55	**6**	**26**	102
military exercise, fireworks	54	0,31	92	429,90	0,02	**0**	**0**	0
special causes - total	**222**	**1,28**	**74**	**23 113,10**	**0,90**	**6**	**26**	**104**
unclear	**1 000**	**5,77**	**91**	**116 310,00**	**4,50**	**6**	**6**	**35**
under investigation	**86**	**0,50**	**49**	**393 954,60**	**15,26**	**4**	**6**	**29**
unexamined	**48**	**0,28**	**49**	**3 623,00**	**0,14**	**2**	**3**	**7**
causes - total	**17 346**	**100**	**92**	**2 582 299,90**	**100**	**107**	**144**	**1 250**

Prevention

Survey of fire prevention of FRS CR

			2016	2017	2018	2019	2020
Fire risk assessment		submitted	74	75	67	65	77
		approved	50	56	54	47	64
		all approved	713	656	702	711	665
Acts preceding inspection		number	2 449	2 370	1 739	1 876	856
Inspection	legal entities and trading natural person	complex inspections	874	829	775	703	333
		thematic inspections	9 417	9 051	8 749	8 103	4 188
		control inspections	17	133	12	155	7
	natural person	complex inspections	0	0	0	0	0
		thematic inspections	6	3	22	7	2
		control inspections	0	0	0	0	0
	municipalities	inspections	574	578	454	482	180
	in inspection group of other authority	inspections	18	23	45	91	39
Administrative decision	on object exclusion of usage	number	22	11	23	13	19
	on business ban	number	28	19	16	15	19
	on shutdown	number	0	0	0	1	0
	on proper categorization	number	0	0	0	0	0
	on range and administration of documentation on fire protection	number	0	1	0	0	1
	on evaluation of fire risk	number	57	66	50	56	53
	other decisions	number	19	569	1 484	1 924	1 392
Structural prevention	issued statements	number	87 489	90 111	63 820	59 180	57 586
	territorial and structural management	number of attendance	1 504	1 509	1 036	878	1 168
	instalattion building into the use	number of attendance	32 112	33 786	26 405	25 720	23 070
	cooperation out of range of fire supervision	number of disposed requests	969	1 369	2 187	2 577	2 290
Other activities	disposed requests	number	18 954	13 439	13 490	10 280	9 374
Investigation of fire causes	fire documentation	number	8 227	7 939	8 869	8 700	7 312
	fire-technical expertise	number	537	476	469	451	387

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

Fires - the way of conclusion

	2016	2017	2018	2019	2020
unclassified, wasn´t monitored	6 668	6 969	9 245	7 937	6 856
concluded by FRS region	1 281	1 439	1 935	1 671	1 792
discussed on the place of fire	1 355	1 203	818	1 136	1 245
postponed, stopped, another way of FRS region, Police of CR	4 845	4 955	5 706	5 083	4 883
postponed by Police of CR	572	616	853	808	767
concluded by the court	11	9	15	14	7
announced to others administration authorities	18	18	19	30	13
object exclusion of usage, business ban, shutdown	18	17	33	24	15
in investigation of Police of CR	1 485	1 531	2 096	2 110	1 768
Total	**16 253**	**16 757**	**20 720**	**18 813**	**17 346**

COVID–19 Pandemic

The year 2020 was significantly marked for activities of the Fire and Rescue Service of the Czech Republic (FRS CR) by spreading of the SARS-CoV-2 (hereinafter referred to as the „coronavirus"). This new outbreak caused not only the cancellation of many planned events but above all completely new tasks for all parts of the Fire Rescue Service of the Czech Republic. The FRSCR participates in measures related to the coronavirus with regard to its competence in the area of crisis management (Act No. 240/2000 Coll.), in the organization of rescue and liquidation work and the protection of the population (Act. No 239/2000 Coll.) and from the point of view of the Fire Protection Units professional management (Act No. 133/1985 Coll.). In both phases, the coronavirus meant certain restrictions for the FRS CR, which, however, didn´t endanger the preparedness of service to deal with emergencies. These restrictions were adopted primarily due to a risk reduction in outbreak´s transmission among members of the FRS CR, e.g. a reduction in employee numbers to minimum in shifts, contactless handover of shifts within firefighting members including operational centres, limitations of office hours in the area of prevention, etc.

From the point of view of the FRS CR activities there are certain differences in the „spring phase" of the year 2020 and in the second half of the year in the „autumn phase" of the year 2020.

Cooperation of the FRS CR with the Crisis Management Authorities

MoI – DG FRS CR

- It was involved in the meetings of the National Security Council before the declaration of the state of emergency and after its declaration subsequently to the Central Crisis Staff (CCS). Within the CCS it manages its working group for the distribution of personal protective equipment (PPE) in the area of CR and in the autumn phase it also manages a group for regional coordination.
- It was involved in the activities of the Central Management Team covid-19 (CMT), which is a temporary working body of the CR government in the measures of the so-called "Smart Quarantine".
- The DG FRS CR staff was activated from 14 March to 17 May and from 21 September to the end of the year 2020, coordinated the activities of the FRS CR organizational units.
- Representatives of the regional FRS worked in all 14 regional crisis staff, or also in their permanent working groups.

The Operational centres of the FRS CR in accordance with the law of IRS

- They distributed to the regions, the municipalities with extended powers and the municipalities all government resolutions and regulations of the Minister of Interior issued for measures to prevent the spreading of coronavirus.
- They implemented deployment of the FRS CR forces and means and the Fire Protection Units (FPU) required by the management structures including the requirements for the deployment of the Army of the Czech Republic (ACR) forces and means requested by the regional governors.
- On the request of the regional governors with using the system of sending bulk messages they informed citizens in the defined area about received measures – e.g. for the territories of Uničov and Litovel regions closed in the territory quarantine.
- They ensured the information flow among the activated crisis staffs and the Operational and Information Centre of MoI – DG FRS CR took over the daily regional crisis staffs reports for the needs of the CCS.
- They coordinated the distribution of offers of humanitarian aid or offers from companies received by MoI DG FRS CR to cover the needs of the regional FRS and the regional crisis staffs.

SPECIFIC ACTIVITIES of "The SPRING PHASE"

Acceptance and distribution of PPE from China

- Unloading of aeroplanes from China at the Václav Havel Airport Prague, transfer to the Police of the Czech Republic (PCR) warehouse in Opočínek near Pardubice and subsequent redistribution for the needs of regions, of central state administration bodies, of the ACR and the regional FRS. All consignments from aeroplanes that landed in Pardubice and were unloaded by the ACR were also directed to the warehouse in Opočínek.
- At the date of 5 May, PPE was received and distributed from 55 aeroplanes with a total weight of 2 000 t, in a volume of 13 000 m3, and almost 350 000 km were covered by a total of 620 vehicles during distribution.
- The MoI-DG FRS CR, the Storage and Repair Facility and its vehicle fleet and the Rescue Unit of FRS CR with approx. 44 vehicles and next 6 trucks of the FRS of Středočeský region and the FRS of Pardubický region participated in distribution and unloading. PPE was transported directly to the regions on the places designated by them. From there, PPE was further distributed with the help of the regional FRS and selected Volunteer Fire Department Units (VFDU) of municipalities.
- PPE was distributed to selected central administrative authorities and state institutions.

Distribution of PPE and other in-kind assistance from the property of FRS CR

The following were released from the stockpile of the Storage and Repair Facility:

• PPE for the needs of the regional FRS and VFDU of municipalities to increase their protection for intervention in contaminated environment.

• Tents for the construction of sampling points and inspection posts at the border.

• 544 loungers and 383 mobile beds into social care institutions and hostels for foreign workers (Mladá Boleslav) and also for critical infrastructure elements (heating plants, power plants).

• 3 000 protective masks CM 4 and 9 000 filters MOF 4 for the Ministry of Agriculture and for wastewater treatment plants.

• 50 protective masks CM 6 and 500 filters MOF 06 for Railway Administration – Units FRS of the enterprise.

The regional FRS provided the so-called rear containers, from the equipment of the regional FRS units, for sampling posts for coronavirus examination and also ensured their construction from mobile cells.

Checkpoints at selected border crossings with Austria and Germany

From 9 March 2020, members of the FRS CR in cooperation with PCR, ACR, and the Customs Administration, provided inspections at the Czech border crossings. Members of the FRS CR measured body temperature at selected border crossings until 15 March. In some cases, the equipment of the regional

FRS remained on the place to create material and technical support for members of PCR and ACR, who worked there for a long time. Members of the FRS CR executed the measurement of body temperature at 7 183 people at total of 11 border crossings and Václav Havel Prague Airport.

Transport of Czech citizens from abroad by buses

From 14 March, in cooperation with the Ministry of Foreign Affairs (MFA), transport of Czech citizens was ensured by the FRS CR buses from international airports back to the Czech Republic (Vienna, Munich, Frankfurt am Main, Berlin, Bratislava, Budapest, Katowice, Austria / Tyrol /). Total 56 journeys were made and 1 323 people were transported. Passengers were provided protective masks during transport and drivers wore protective suits and P2 respirators. The buses were decontaminated after every transport.

Activation of the Union Civil Protection Mechanism

On based of the MFA request, the MoI DG FRS CR activated the Union Civil Protection Mechanism for purpose of co-financing of repatriation flights. There were total of 15 flights. The amount funded by the EU was more than EUR 3 000 000 (75% of total costs).

Psychological assistance

The Psychological Service of the FRS CR for information and psychosocial support of citizens set up an information tile called "We are in this together - covid-19 a little different" on the web portal www.hzscr.cz.

Support of senior facilities, nursing homes, social care institutes, etc.

On the request of the regional governors, beds were provided by the FRS CR to accommodate the staff of senior facilities, nursing homes, social care institutions, etc. Disinfectants of the FPU or the regional FRS were also distributed to the above-mentioned facilities, and exceptionally the activities of operating personnel were also supported, e.g. in Břevnice in the Vysočina region (27 clients, of which 10 were positive for coronovirus).

Distribution and production of disinfectants

In the initial period of the state of emergency, selected laboratories of the FRS CR produced hand disinfection in a volume of approx. 5 000 l from donated or handed over free alcohol and distributed it to the organizational units of the FRS CR.

In the same way, a 15% sodium hypochlorite solution in a volume of 10 m^3 was used for decontamination of surfaces and distributed for the intervention activities of the regional FRS.

Following the needs of decontamination of surfaces and facilities MoI – DG FRS CR issued methodical instructions for the FRS CR units.

MoI – DG FRS CR in cooperation with the State Institute of Public Health performed efficiency tests on viruses of offered disinfectants and facilities. The tests revealed the ineffectiveness of some commercially available disinfectants and their aim was to optimize the concentrations of effective disinfectants.

Numbers of members and employees of the FRS CR positively tested and quarantined

The situation around positively tested members and employees of the FRS CR and quarantined members and employees of the FRS CR culminated at the turn of March and April 2020. At the most critical moment, we registered 34 positively tested members and up to 280 members and employees of the FRS CR were in a quarantine.

Space decontamination

On the request of the regional governors, the FRS CR decontaminated spaces, e.g. in the senior houses, the buildings of administrative offices, etc.

During the summer months, there was a partial attenuation of activities and a relaxation of measures in relation to coronavirus both in the FRS CR and in a whole society. The activities and preparations for the further spread of coronavirus were also evaluated, also in the light of the findings in the spring phase and new expert information on coronavirus.

SPECIFIC ACTIVITIES of "The AUTUMN PHASE"

The second half of the year brought a different approach in the activities of the FRS CR, but also in the length of these specific activities, which last practically from September to the end of the year 2020 and the following months of the year 2021. In this period, many activities were similar, but no repatriation of citizens from abroad or the collection of PPE from airports to warehouses was realized. On the contrary, other specific activities were added.

Distribution of PPE and protective equipment

In the second half, the transport and purchase of PPE was not realized in the same way as in the first phase, however, transport and distribution was ensured from central warehouses to the regions:

• Delivery of 2 894 300 respirators from the warehouse in Opočínek to the regions for pedagogical staff in education.

• In cooperation with the Administration of State Material Reserves, delivery of hospital beds from their warehouses to hospitals to strengthening the capacity - total 826 pc.

• Distribution of masks for senior houses.

• Release of protective masks and filters for the needs of the Emergency Medical Service (EMS) of the Liberec Region.

• Repeated distribution of PPE for the needs of the regional FRS.

The FRS CR Sampling teams

The creation of sampling groups composed of FRS CR members, who have a medical qualification, intended for the sampling of Czech citizens happened an important task.

• From 22 October, 19 sampling teams were created at the FRS CR. 16 dedicated teams for the strengthening of the ACR sampling teams, the remaining for the needs of the regional EMC. The task of the teams was to realize bulk sampling on the basis of a request from the Central Management Team (CMT), or the regional Hygienic Station, e.g. in senior houses, or on the request of the regional Hygienic Station in places where the capacities of the EMS were insufficient. Coordination of the teams deployment with the ACR was ensured by members of the MoI-DG FRS CR, who were part of the CMT.

• Based on a government decision, a comprehensive free antigen testing of the population was launched from 4 December. The number of teams was expanded to 33, which, in addition to the above, also performed a comprehensive antigen testing at stationary locations in hospitals, etc.

Period	PCR test	Antigen	Total	Dispatched
22.10. – 3.12.	11 989	0	11 989	329
4.12. – 31.12	15 630	18 951	34 581	302
Total	27 619	18 951	46 570	631

Working group for regional coordination

A creating of accommodation capacities

Within the Central Crisis Staff working group for a coordination of the regions, members of the FRS CR participated in data

collection and negotiating on conditions for the creation of reserve accommodation capacities for infected or ill persons.

Crematorium capacities

At the end of the year, this group participated in the creation of a system and data collection of crematorium capacities. Refrigerated containers were transported and placed by the FRS CR for a strengthening of the storage capacities. Fortunately, their using were not necessary to a greater extent.

Humanitarian aid

Due to the growing number of infected persons in the Czech Republic and in whole Europe in this period, the Czech Republic requested and at the same time provided humanitarian aid to the other states.

• In October, the Czech Republic, through the EU, NATO and WHO, asked for medical teams, pulmonary ventilators and devices to support pulmonary function.

• The Czech Republic accepted offers on ventilators from NATO, Austria, Germany, the Netherlands, Hungary and Israel. There were total 469 pulmonary ventilators. Next, 30 ventilators were lent from Romania from the EU warehouses.

• The Czech Republic offered and realized humanitarian aid in the form of respirators, surgical masks, gloves, etc. to France, Armenia, Kosovo, Montenegro and Ukraine.

Numbers of FRS CR members and employees positively tested and quarantined

In the "autumn phase", a completely different situation occurred in the issue of coronavirus infection of FRS CR members. The increase in the outbreak at the FRS CR copied the trends in a society. The most critical day was 28 October, when up to 999 FRS CR members and employees were out of service, whether due to coronary infection or quarantine. This share number makes up 9% of the service. This was one of the reasons, why the regime of shift at the FRS CR was further limited. The possibility of antigen testing within the FRS CR has become a significant relief. The average percentage of the number of non-service members was kept between 2 and 3%.

It should be noted, that all activities are transferred to 2021, as the coronavirus pandemic has not been still managed successfully.

During the whole period of the pandemic, the FRS CR dealt with 26,738 events in connection with the resolution of the pandemic.

International cooperation

Humanitarian aid

Humanitarian in the Czech Republic aid is governed by Act No. 151/2010 Coll. on international development cooperation and humanitarian assistance abroad. Humanitarian assistance abroad is the set of activities financed from the national budget in order to prevent loss of life and injury, to alleviate suffering and to restore basic living conditions after an emergency and to mitigate long-lasting consequences of emergencies and to prevent their occurrence and negative consequences.

Humanitarian aid includes both ad hoc response to natural or man-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.

Humanitarian aid provided abroad can be financed from this budget in particular: material, financial, advisory or combined.

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

In 2020, the sum of 220 million CZK was originally allocated to humanitarian assistance, during the year the budget increased by another 164 million CZK for assistance to Syria, Iraq and Africa. During the year 2020, 85 humanitarian activities in 33 countries were supported in the total amount of 383,7 million CZK.

As in previous years, the biggest part of the humanitarian budget was allocated for the needs of forced displaced people (both internally and in the third countries) mainly as a result of conflicts, including support to host communities; substantial part of the budget was set aside for assistance with the covid-19 pandemic. Remaining unds were allocated to immediate relief and disaster recovery.

In 2020, the Czech Republic provided financial humanitarian assistance to following countries: Afghanistan, Bosnia and Herzegovina, Ethiopia, Philippines, Indonesia, Iran, Pakistan, Yemen, Sudan, Jordan, Cambodia, Lebanon, Myanmar, Bangladesh, Mali, Niger, Syria, Ukraine, Columbia,Zambia, Iraq, Peru, Georgia, Australia, Albania, China, Moldova, Italy, Spain, Palestinian Autonomous Territories, Armenia, Azerbaijan, Vietnam and Burkina Faso.

In 2020, the Czech Republic provided rescue humanitarian assistance to Lebanon. Material humanitarian assistance was provided to following countries: China, Bosnia and Herzegovina, Greece, San Marino, Lebanon, France, Armenia, Ukraina, Monte Negro, Kosovo and Croatia.

The expert of the Fire Rescue Service of the Czech Republic was included in the European Union Civil Protection team, which was deployed in Beirut.

Detailed information about humanitarian aid can be found on www.usar.cz.

The allocated budget for humanitarian aid abroad was originally suggested for 220 million CZK for the year 2021, but the Parliament of the Czech Republic decided about reducing the budget to 120 million CZK.

Bosnia and Herzegovina

Bosnian government requested the Czech Republic for assistance in dealing with another migration waves of refugees. The Czech Republic provided to BaH following assistance: 2 000 pieces of sleeping bags, 2 000 pieces of blankets, 500 pieces of dishes sets and 2 000 pieces of raincoats. The total amount of the assistance was 2,31 million CZK.

The meeting of all eleven members of the Fire and Rescue Service of the Czech Republic, which formed the Unit of MoI – FRS CR, took place on 10 January 2020 in the area of the Warehousing and Repair Facility of the Fire Rescue Service of the Czech Republic Storage in Zbiroh. The humanitarian material was loaded here into firefighters trucks, went through customs clearance and was ready for transport. The convoy continued its journey on Monday, 13 January 2020, early in the morning via Slovakia, Hungary and Croatia to Bosnia and Herzegovina. On Tuesday, the material was handed over in Sarajevo to the representatives of the local Red Cross, with the participation of the Czech Embassy in Sarajevo and the Ministry of Security of Bosnia and Herzegovina.

The convoy's return journey back to the Czech Republic was without major complications (compared with the journey to

BaH: Czech firefihters stayed at the Bosnian border crossing for more than 4 hours while processing customs documents) and the firefighters arrived in Brno on Wednesday at night. The provided assistance to BaH was financed from the Ministry of Interior - migration program.

China

Since the autumn of 2019, a virus called 2019-nCoV (former name for SARS-CoV-2), so-called Coronavirus has spread in China (with an epicenter in the Wuchan agglomeration).

The Union Civil Protection Mechanism was activated through the EU Emergency Response Coordination Center (ERCC), based on the request from the Chinese authorities for personal protective equipment, later supplemented with disinfectants.

The purchase of material was ensured among the commercial market by the Ministry of Foreign Affairs, purchased material was: protective and disinfectant - medical gloves (150 000 pieces), surgical gowns (15 200 pieces), surgical masks (10 896 pieces), medical masks (6 091 pieces), powder and liquid disinfection (5 pcs).

In total it was 4,5 tons of material on the 24 pallets.

The transport of the humanitarian material was realised by road from the Czech Republic on 14 February 2020 to the place embarkation in Vienna airport (and was ensured by the Czech firefighters), Following transport by air from Vienna to Wuchan was provided by the Austrian Red Cross aircraft. Austrian aircraft transported the humanitarian aid of the Czech Republic, Hungary, Slovenia and of course Austria from Vienna.

Greece – March and April 2020

At the beginning of March, the Greek government requested through the ERCC the activation of the Union Civil Protection Mechanism and subsequently the assistance in managing the next wave of refugee migration.

The Czech Republic offered Greece material for the accommodation of a large number of people in refugee camps: inflatable beds (1 000 pieces), sleeping bags (1 000 pieces), woolen blankets (1 000 pieces), rubber boots (1 000 pieces), raincoats (1 000 pieces), towels (1 000 pieces), sludge pumps (10 pieces), hot air units (10 pieces) and power generators (4 pieces) in the total value of 2,37 million CZK. This offer was fully accepted by the Greek Government.

Czech firefighters with five trucks and two accompanying/ escort cars transported the material of humanitarian aid on 80 pallets from National Humanitarian Aid Base of the Fire and Rescue Service of the Czech Republic in Zbiroh on 6 March 2020

The Unit of MoI-FRS CR went via Slovakia, Hungary, Romania, Bulgaria to Greece – to the destination - Central Warehouse of Greek Firefighters in Mandra. On Monday, 9 March 2020 the material was handed over to representatives of the General Directorate of Civil Protection in Greece, also with the participation of representatives of the Czech Embassy in Athens.

On 12 March Czech firefighters arrived back to the Czech Republic, after solving a technical problem in the brake system of one of the trucks.

In April 2020, Greece repeatedly requested for help, the firefighters´ unit delivered additional humanitarian aid to Athens, in Greece. Czech Republic donated to Greeks material (hygienic needs: soaps, toilet paper, sleeping bags, electric kettles, winter blankets, sheets, bed linen, towels and shampoos, air mattresses) for refugees in refugee camps. On Friday, 24 April 2020, the firefighters´ convoy with assistance departured from the National Humanitarian Aid Base in Zbiroh and took the same route as in March to Athens, Greece. The assistance in total value of 4,3 million CZK was handed over 6 days later to the representaives of Greek´s civil protection authorities.

Both provided assistance were financed from the MoI's migration program.

San Marino

Czech firefighter´s unit transported and handed over to the representatives of the Republic of San Marino a material gift from the Czech Republic as a support to the population in fight with overcoming the consequences of the covid-19 pandemic. The affected country requested material assistance at the bilateral level. The Ministry of the Interior of the Czech Republic provided personal protective equipment (70 000 pieces of protective masks, 10 000 FFP2 pieces of respirators, 100 pieces protective suits, 100 pieces of protective goggles and 10 000 pieces of protective gloves). The value of donation was total of 1,5 million CZK and the gift was delivered to San Marino on 30 April 2020.

Libanon

The Czech Republic provided assistance in three forms to the city of Beirut in August 2020.

The deployment of the Czech MUSAR Team in Beirut, Lebanon, followed after an explosion of 2 750 tons of saltpeter in the local port. The disaster, which occurred on 4 August 2020, was caused by negligence and breaches of safety regulations.

Many countries offered assistance to the affected population, and the EU coordinated assistance through the ERCC. The official request for assistance from affected Lebanon included a request for 5 medium USAR teams and medical supplies.

On Wednesday , 5 August 2020, in the morning the Czech Republic offered a medium USAR team and the offer was accepted almost immediately. Less than 10 hours after the acceptance of the offer, the plane took off in the direction of Beirut, on board were 36 members of Czech MUSAR team with firefighters from Capital of Prague, 5 cynologists with dogs, structural engineer and doctor.

After landing at Beirut airport on 5 August 2020 in the evening, the deployment of the Czech team was delayed. The Czech USAR team communicated with local authorities and other international rescue teams during its deployment. The work in the area was divided, area for the Czech team was located about 300 meters from the epicenter of the explosion. Members of the USAR detachment worked in the sector at a total of eight locations. After evaluating the situation, no victims were founded in this sector and the sector was ready for the recovery phase. The work had to be interrupted several times for safety reasons - demonstrations took place in Beirut. In accordance with the INSARAG "Beyond the rubble" procedures, the Czech team offered its capacities for evaluating the statics of the affected objects. In cooperation with a representative of the local government, the team carried out an assessment of several facilities over two days. The team members regularly participated in meetings organized by the EU and United Nations (UN) evaluation teams. Cooperation with representatives of the Czech embassy in Beirut was significant. The team offered free capacities to EU embassies and cooperating NGOs.

The Czech MUSAR Team operated in Lebanon until 11 August 11 2020 and then was transported by aircraft of the Army of the Czech Republic back to the homeland. All members of the USAR were after landing transported to predetermined location to be in quarantine. The Czech Republic also provided material humanitarian assistance to the affected population in Beirut. The aid was in the form of medical equipment, which was transported to Lebanon by the army´s aircraft on 11 Au-

gust 2020, in the early morning hours. The shipping of material, its loading, transport and handover in Beirut was supervised by the liaison officer of the Fire and Rescue Service of the Czech Republic, Col. Ing. Iva Brejzová.

The representatives of the Lebanese army and the representatives of the Czech embassy in Beirut were present while taking over the material in Lebanese airport. Part of the medical material was paid from the budget of the Ministry of the Interior (nearly 1,8 million CZK). The material was delivered through Czech hospitals and included, for example protective overalls, respirators, masks, gloves, bandages and needles. Another part of the aid was provided by the Ministry of Foreign Affairs - special hospital beds, sewing sets, fixators, splints and other medical supplies - in the total value of nearly 3,6 million CZK.

The Czech expert in the field of crisis management Col. Ing. Miroslav Lukeš from the Fire and Rescue Service of the Karlovy Vary Region worked in Beirut as an expert of the EU coordination and evaluation team (EUCP team). The EUCP team was composed of representatives of eight EU member states. Its task was to assist the local government in coordinating international assistance, analyzing other needs to ensure the emergency shelter for people in Beirut. The EUCP team analysed environmental impacts and post-explosion disposal procedures. The team had two liaison officers from the ERCC and a technical support team (TAST) from Finland. A total of 17 experts with experience in the activities of USAR teams, statics, doctors, chemists, IT experts, etc.

The EUCP team was gradually reduced from 12 August 2020 in continuity of security situation, the last members left Lebanon on 16 August 2020. The main task of the EUCP team was to be involved in numerous meetings with representatives of ministries, with the management of the city of Beirut, with representatives of non-governmental organizations, with the UN and especially with members of the Lebanese army, which was responsible for the overall coordination of rescue work. EUCP team analysed the needs of means and forces for searching people in the rubbles, ensuring treatment of injuries caused by cutting broken glass from buildings and statical assessment of buildings in the first days after the explosion. The team members tried to coordinate the incoming humanitarian aid targeted it to the recipients from army's warehouses at the airport. The EUCP team members were in close cooperation with representatives of the Czech Embassy in Beirut and appreciated their contacts and local knowledge for solving their task.

During the second wave of the covid-19 pandemic, the ERCC received several requests for assistance in managing the fight against this already widespread disease. Below you will find a list of assistance provided during November and December 2020. After the Czech Republic itself requested for the assistance provided by EU states and other states in the form of material assistance, it also offered solidarity to others requesting states in the form of protective equipment.

France

Unit of firefighters left from base of Warehousing and Repair Facility of FRS CR in the morning hours on 19 November 2020 with a load of 1 000 000 pieces of protective gloves on one truck. The unit consisted of two members of the Fire and Rescue Service of the Czech Republic. They traveled several hours across Germany without complications and unloaded the cargo at the destination - Reims. Before handing over the gift to the representatives of the "Santé public France" (French public health authority), the material had to be cleared through customs. The unit returned safely to the Czech Republic before midnight on 20 November 2020.

Armenia

Czech Republic provided to Armenia material humanitarian assistance in form of 100 000 pieces protective masks and 43 000 pieces of protective gloves. Based on the Resolution of the Government of the Czech Republic of 20 November 2020 No. 1205, the material was transported to the affected country by an aircraft of Army of the Czech Republic on 24 November 2020. The flight from the Czech Republic (24th Air Transportation Base at Prague - Kbely) was originally planned for the morning hours 11.00 am, the flight was postponed due to bad weather condition (low visibility due to persistent fog). The liaison officer of the Fire and Rescue Service of the Czech Republic Jiří Kubeš (FRS of Capital of Prague) coordinated the transport and hand over of the material at Yerevan Airport (with the participation of the Czech Ambassador to Armenia). The beneficiary of the in-kind assistance was the "Republican Center of Humanitarian Assistance". The plane landed in the Czech Republic on this day at night hours, at Václav Havel Prague Airport in Ruzyně.

Ukraine

The loading of material of humanitarian aid for Ukraine took place the day before the day of departure in Zbiroh in the area of Warehousing and Repair Facility of FRS CR - National Humanitarian Aid Base. 99 000 pieces of surgical masks, 5 000 pieces of protective suits, 10 000 pieces of shoe covers, 10 000 pieces of respirators and 1 000 pieces of protective goggles were provided from the Ministry of the Interior. This in-kind assistance was provided to Ukraine on the basis of the Resolution of the Government of the Czech Republic of 10 December 2020 No. 1296.

The unit of MoI-DG FRS CR was composed of members of Rescue unit of the Fire and Rescue Service of the Czech Republic, this unit ensured transport and handover of in-kind assistance. The Czech firefighters left fire station Hlučín in the early morning hours on 17 December 2020, direction border-crossing with Poland. They continued the transit through territory of Poland and spent more hours on Ukrainian border. The unit arrived in Kiev on 18 December 2020, about an hour after midnight. The material of provided in-kind assistance was in the morning unloaded, cleared through customs and then handed over with the participation of representatives of the Czech Embassy in Kiev to representatives of the "Public Health Center of the Ministry of Health of Ukraine".

The firefighters arrived their special business trip at the station in Hlučín on 19 December 2020 in the morning hours.

Kosovo and Montenegro

In accordance with the above-mentioned Resolution of the Government of the Czech Republic from 10 December 2020, No. 1296, material humanitarian aid was also provided for the countries Kosovo and Montenegro. The material was transported by the aircraft of the Army of the Czech Republic, the date of transport date was set on 15 December 2020. Kosovo and Montenegro are neighboring countries, due to this fact, it was decided to transport the humanitarian aid together, with landing at the airports first in Pristina and subsequently in Podgorica.

Liaison officer of the Fire and Rescue Service of the Czech Republic Petr Vodička accompanied handed over the humanitarian material in the form of 5 000 protective suits, 10 000 shoe covers, 30 000 respirators and 30 000 protective gloves for Montenegro and 30 000 protective gloves, 30 000 respirators, 5 000 protective suits and 10 000 shoe covers for Kosovo. After loading material assistance, the aircraft CASA C-295 type took off on 15 December 2020 in the afternoon from Prague's Kbely Airport. The first stopover in Pristina in Kosovo

was around 5pm, the relevant assistance was handed over to the designated local authorities with the participation of representatives of the Czech Embassy in Pristina. The crew with firefighters´ liaison officer continued to Montenegro. The plane landed in Podgorica two hours later, and after unloading and handing over the material aid, it continued in its return flight to the Czech Republic. The aircraft landed safely at 9.30 pm at the airport in Kbely.

Croatia

The last humanitarian aid provided by the Czech Republic at the end of year 2020 was the material donation to Croatia. On 28 December 2020, Croatia was hit by an earthquake of magnitude 5.1 in the area of Sisak in central Croatia.

A convoy lead by 10 Czech firefighters was sent to help the affected population, they transported material assistance safely and without delay. On 30 December 2020, the unit of MoI-DG FRS CR departured from Brno in the early morning hours, via Austria and Slovenia, direction Jastrebarsko in Croatia. The convoy, which consisted of a total of 2 trailers and 2 trucks, carried the following cargo: 600 pieces of folding beds with mattresses, 600 pieces of sleeping bags, 1 200 pieces of woolen blankets, 3 pieces of electric heaters and 2 lighting systems in total value less than 3 million CZK.

The firefighters´unit arrived to the final destination - the civil protection warehouse in the city of Jastrebarsko - in the morning of the following day. The in-kind assistance was unloaded and handed over, with the participation of representatives of the local Ministry of the Interior and representatives of the Czech Embassy in Zagreb. The donated material was immediately distributed to the population in the affected places. The unit arrived back in Hlučín in before midnight on December 31 2020 with no complication on the way back.

Humanitarian aid received in the Czech Republic

The Czech Republic has been facing a huge number of patients and hospitalized patients since September 2020 during the second wave of the covid-19 pandemic. Consequence of that and also concerning future unpredictable development of the situation the Ministry of Health requested the material assistance.

The Czech Republic activated the Mechanism of Union Civil Protection through a contact point – Operation and Informatin Centre of MiO – DG FRS CR.

The official request from the Czech Republic for in-kind assistance (shortage of medical devices) was put into the CECIS system (Common Emergency and Information System - Common Communication and Information System of the EU) on 18 October 2020.

The Czech Republic received immediately offers of assistance from the EU countries and other countries (through the EU or bilaterally) and also from NATO (warehouse in Italy) through the Euro-Atlantic Coordination Center for NATO.

A total of 499 pieces of ventilators and 12 500 pieces of respirators were provided to the Czech Republic from the EU (EU warehouse in Romania), Hungary, Austria, Netherlands, Germany, Israel, Korea, and also from NATO (warehouse in Italy).

Repatriation of Czech citizens back to the country during the first wave of the covid-19 pandemic

The Fire Rescue Service of the Czech Republic in cooperation with the Ministry of Foreign Affairs organized the collection of Czech citizens and drove them by buses from international airports (Vienna, Munich, Frankfurt am Main, Berlin, Bratislava, Budapest, Katowice, Austria (Tyrol)) back to the Czech Republic. A total of 56 repatriations were made and 1 323 people were transported.

Year	2016	2017	2018	2019	2020
Number of cases	35	48	51	56	85
Number of countries	25	29	24	26	33
Sum in millions of CZK	101,2	158,9	212,8	245,3	383,7

Economic indicators

Fire Rescue Service of the Czech Republic fulfils the tasks in the scope and under conditions of Act on Fire Rescue Service of the Czech Republic, Act on Fire Protection, Act on Integrated Rescue System and Act on Crisis Management. FRS CR also fulfils duties of fire units through its 245 stations. Fire units fulfil the tasks 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 CR and VFU activities, losses and salvaged values in fires that are presented in the table below.

Compared with other countries, losses are among the lowest in relation to GDP in the Czech Republic. This effect attributes to the fact that in more than 70% cases the dislocation of closest unit is less than 5 km from the spot of emergency.

Salvaged values during interventions of fire units 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		2016	2017	2018	2019	2020
GDP in current prices[1)]	bil CZK	4 768,0	5 047,3	5 323,6	5 751,4	5 429,3
Real expenditures of FRS CR[2)]	bil CZK	8,651	9,365	11,455	12,353	13,490
Non-investment subsidies from state budget for ensuring municipal VFU activity	bil CZK	0,061	0,100	0,119	0,100	0,099
Investment subsidies from state budget for ensuring municipal VFU activity[3)]	bil CZK	0,238	0,352	0,381	0,341	0,345
Share of real expenditures of FRS CR due to GDP	%	0,18	0,19	0,22	0,21	0,25
Direct losses caused by the fire	bil CZK	3,378	3,653	2,870	2,213	2,582
Direct losses compared to GDP	%	0,07	0,07	0,05	0,04	0,05
Salvaged values in fires	bil CZK	11,654	9,674	10,866	12,352	15,248
Salvage values due to GDP	%	0,24	0,19	0,20	0,21	0,28

[1)] GDP for 2020 is defined by the Czech Statistical Office

[2)] Real expenditures including gain of all budget sources and also extra-budgetary sources of FRS CR activity

[3)] Including financial means from Fund for preventing damages through the budget of FRS CR

Types of incidents with interventions of fire units

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

Traffic accident – intervention related to collision of transport means, in which the person was killed or injured or there is damage on property. Traffic accident followed by fire is always considered as a fire. A traffic accident is also considered as a case in which the fire units eliminated only the minor consequences of an accident (cleaning of roads or removing leakages of substances - vehicle operational filling, etc.), if this was the result of a traffic accident of the above mentioned definition.

HazMat leakage – intervention in emergencies associated with undesirable leakage of HazMat, 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 No. 224/2015 Coll., on Prevention of serious accidents.

Leakage of oil products – intervention mainly to prevent leakage and to limit its range of oil (gasoline, diesel or oil). Leakage of these substances from vehicle operational fillings due to traffic accidents are classified as "traffic accident".

Technical accident – intervention to eliminate hazards or hazardous conditions

Technical assistance – intervention to eliminate hazards or hazardous conditions of smaller scale besides technological assistance and traffic accident, for example:

- rescue of persons 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,
- rescue of people and animals,
- pumping, water closing and water supply,
- assistance in explosives finding,
- provisional or other repairs,
- extrication of objects, persons,
- measurement 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, searching for missing persons, monitoring water streams, road accessibility control etc. and other on-demand services (both directly and indirectly provided assistance).

Radiation accident – intervention in incidents related to the improper release of radioactive substances or ionizing radiation.

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, weather influence – intervention in an emergency caused by harmfully acting forces and phenomena caused generally or locally by natural influences that threaten lives, health, property or the environment - floods, flooding, rain, snow, ice, windstorms, landslides, earthquakes, etc. in which fire units carried out the rescue and liquidation work. Natural disasters are registered always with index associated with the type of disaster.

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