

Relation between code no. 52 materials as causal agents and type of fatal and non-fatal accidents in 1999-2021

code	Type of accident	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total
01	fall from height	415	442	380	362	320	322	338	311	303	282	214	188	176	188	211	197	169	189	159	208	166	161	158	5,859
02	falling to same level	1,134	1,101	1,017	1,061	953	964	838	851	914	709	630	594	648	694	681	663	620	542	612	626	594	596	625	17,667
03	crash	581	545	515	440	422	417	447	443	432	375	253	298	325	286	292	320	253	252	306	266	266	279	248	8,261
04	struck by flying or falling object	4,311	4,130	3,881	3,538	3,197	3,249	3,006	3,107	2,881	2,573	2,158	2,066	2,050	2,176	2,055	2,025	1,808	1,831	1,816	1,752	1,606	1,481	1,520	58,217
05	collapse	1,260	1,288	1,100	1,067	1,056	989	996	999	966	877	674	744	678	646	675	661	640	591	583	587	596	493	493	18,659
06	crashed by	928	834	780	746	591	664	624	600	575	518	396	409	427	394	303	397	362	341	353	382	389	353	385	11,751
07	caught in/between	2,177	2,072	1,945	1,749	1,620	1,506	1,446	1,377	1,335	1,149	985	972	979	928	914	948	896	866	927	923	862	825	781	28,182
08	cut	1,334	1,349	1,339	1,281	1,241	1,283	1,166	1,225	1,106	1,066	961	904	891	1,041	992	957	874	874	771	768	843	736	712	23,714
09	injury to the sole of the foot	165	145	185	140	123	136	160	143	132	118	98	106	102	129	89	110	93	109	109	109	106	114	107	2,828
10	drown												1									1			2
11	contact to high/low-temperature	312	272	260	235	246	255	239	276	277	234	230	270	254	278	264	241	257	231	248	210	215	207	175	5,686
12	contact to harmful substance	10	5	14	12	11	14	14	19	15	16	6	9	8	10	11	6	9	7	9	8	12	9	7	241
13	electric shock		4		1						1	2	2		1	1	1	1	1	1	1	2		1	20
14	explosion	12	13	1	6	7	3	6	5	9	9	4	3	3	1	4	3	1	4	2	3	7	5	2	113
15	burst	17	9	20	8	19	10	7	14	10	13	12	8	6	6	8	4	8	2	5	4	3	7	4	204
16	fire	6	1	1	8	5	3	2	1	6	3	3	7	2		3	4	3	3	4	2	1	2		70
17	traffic accident (public road)	5	6	3	3	2	5	10	7	3	2		3	5	5	2	3	2	2	3	3	7	5	1	87
18	traffic accident (others)	1	1			1			1				1	1	2			1			1				10
19	reaction to motion/improper motion	970	924	949	837	804	756	768	838	840	732	593	632	607	593	609	660	590	540	564	532	582	548	628	16,096
90	others	38	29	27	35	42	44	30	22	30	24	24	12	26	17	19	14	14	16	12	15	14	14	22	540
99	unclassifiable	6	5	1	3	5	3	3	3	4	1	2	1			5	1			3		1		1	48
00	total	13,682	13,175	12,418	11,532	10,665	10,623	10,100	10,242	9,838	8,702	7,245	7,230	7,188	7,395	7,138	7,215	6,601	6,401	6,487	6,400	6,273	5,835	5,870	198,255

Data of 2011 year include Industrial accidents caused by Great East Japan Earthquake in 2011.

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

Small causal agents' data of 1999, 2002 and 2004 are lack of data. Therefore, total of small causal agents are not same as middle causal agents.

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