

Relation between causal agents and code no. 07 caught in/between as type of Fatal and non-fatal accidents in 1999-2020

L	M	S	causal agent	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	total
		111	engine		31	24		16		16	11	20	9	21	11	13	23	11	13	11	11	19	13	11	8	292
	11		engine	27	31	24	20	16	23	16	11	20	9	21	11	13	23	11	13	11	11	19	13	11	8	362
		121	power transmission mechanism		536	506		431		467	431	404	408	354	375	353	352	336	320	368	301	340	328	287	276	7,173
	12		power transmission mechanism	605	536	506	501	431	423	467	431	404	408	354	375	353	352	336	320	368	301	340	328	287	276	8,702
		131	circular sawing machine		140	99		121		92	77	87	77	68	65	74	85	73	59	51	60	56	56	56	48	1,444
		132	band sawing machine		79	51		58		42	27	36	21	30	18	24	16	15	22	11	13	20	15	12	12	522
		133	wood planer machine		57	74		54		41	43	28	48	26	34	30	30	30	21	16	14	12	20	20	23	621
		134	hollow chisel mortiser, wood borer		52	56		42		41	29	41	32	22	21	16	18	28	20	21	24	16	21	10	21	531
		135	chamfering machine, router, woodworking milling machine		22	24		26		20	16	18	12	10	10	8	6	10	14	9	11	9	9	7	6	247
		136	chain saw		6	16		10		10	6	9	13	8	7	11	7	4	6	3	3	4	5	2	8	138
		139	other woodworking machines		432	336		287		282	240	270	215	190	176	191	200	166	164	136	176	131	126	125	122	3,965
	13		woodworking machine	807	788	656	587	598	548	528	438	489	418	354	331	354	362	326	306	247	301	248	252	232	240	9,410
		141	leveling, transporting or loading machine		139	126		133		117	124	107	93	76	83	96	90	88	83	86	61	83	80	68	58	1,791
		142	excavating machine		419	397		322		336	309	239	251	232	235	239	248	241	267	196	205	221	209	228	230	5,024
		143	foundation work machine		55	45		40		44	42	29	32	24	29	30	38	37	28	38	27	28	25	26	28	645
		144	hardening machine		71	83		63		45	49	50	40	48	38	34	32	33	42	37	41	29	28	35	24	822
		145	demolition machine		29	30		31		30	35	26	27	19	26	22	31	58	60	56	67	57	39	54	55	752
		146	vehicle for high lift work		22	28		32		29	39	41	34	29	20	30	21	28	39	35	34	28	24	37	31	581
		149	other construction machines		173	169		162		152	131	125	115	112	111	116	131	120	117	88	74	71	82	68	62	2,179
	14		construction machine	1,016	908	878	839	783	748	753	729	617	592	540	542	567	591	605	636	536	509	517	487	516	488	14,397
		151	lathe		345	360		283		270	285	225	263	199	197	207	219	171	155	192	153	137	178	145	156	4,140
		152	drill press, milling machine		503	511		402		413	389	370	371	248	253	252	234	221	232	244	225	187	194	180	172	5,601
		153	grinding machine, buffing machine		132	139		124		122	115	127	112	80	80	103	88	66	95	77	88	92	81	84	62	1,867

	154	power press		1,257	1,024		1,025		954	893	805	718	490	518	601	599	522	538	517	461	492	469	452	395	12,730
	155	forging pressure hammer		13	12		5		15	15	10	13	10	9	7	5	7	3	9	7	11	9	6	7	173
	156	shearing machine		172	124		160		126	116	117	107	101	87	82	87	66	99	73	79	65	64	70	55	1,850
	159	other metal manufacturing machines		1,233	1,061		973		901	901	840	731	532	590	654	615	619	578	521	487	550	514	531	456	13,287
15		metal manufacturing machine	3,853	3,655	3,231	2,969	2,972	2,941	2,801	2,714	2,494	2,315	1,660	1,734	1,906	1,847	1,672	1,700	1,633	1,500	1,534	1,509	1,468	1,303	49,411
	161	centrifugal machine		19	8		15		9	14	12	14	6	9	10	9	11	9	10	9	8	11	10	10	203
	162	mixer, grinder		253	269		265		221	236	245	213	204	189	193	214	208	194	186	143	170	151	161	174	3,889
	163	roll machine (except printing roll machine)		640	601		562		514	500	483	477	419	460	393	414	411	397	366	329	393	335	339	324	8,357
	164	injection molding machine		175	157		150		132	109	112	77	83	87	63	75	69	45	53	41	58	64	51	52	1,653
	165	food manufacturing machine		1,294	1,267		1,148		1,136	1,015	967	987	951	971	932	907	849	814	807	795	795	713	721	641	17,710
	166	printing machine		463	451		421		372	361	327	317	270	260	262	250	227	215	181	184	186	159	147	142	5,195
	167	industrial robot		20	16		34		21	25	25	15	15	12	14	17	14	15	16	12	14	16	13	13	327
	169	other general power machines		3,151	3,033		2,943		2,511	2,582	2,474	2,362	2,006	2,027	2,027	1,915	1,811	1,774	1,725	1,677	1,730	1,806	1,795	1,560	40,909
16		general machine	5,989	6,015	5,802	5,590	5,538	5,336	4,916	4,842	4,645	4,462	3,954	4,015	3,894	3,801	3,600	3,463	3,344	3,190	3,354	3,255	3,237	2,916	95,158
	171	felling machine																	6	2	6	7	10	12	43
	172	mobile logging machine																	8	5	4	8	3	3	31
	173	skyline yarding machine																	1	6	1	7	6	2	23
	179	other mobile silviculture machine																			1	2		3	6
17		mobile silviculture machine																	15	13	12	24	19	20	103
1		machine	12,297	11,933	11,097	10,506	10,338	10,019	9,481	9,165	8,669	8,204	6,883	7,008	7,087	6,976	6,550	6,438	6,154	5,825	6,024	5,868	5,770	5,251	177,543
	211	crane		585	570		572		515	490	534	452	367	362	389	399	333	359	305	324	331	352	381	300	7,920
	212	mobile crane		376	319		315		280	268	235	265	222	204	197	183	210	199	202	185	181	193	188	178	4,400
	213	derrick crane					1			1				1	2										5
	214	elevator, lift		150	188		163		131	140	165	114	120	96	87	96	87	113	94	84	81	94	104	67	2,174
	215	cargo lifting appliance		10	11		6		5	5	6	2	4	3	10	1	5	5	1	2	7	4	5	5	97
	216	gondola		2	3		6		4	4	1	6		5	5	1	2	3	1	2	4	4	5	1	59
	217	lumberyard equipment, logging		13	14		9		13	8	9	7	7	10	5	4	7	6	2	4	6	2	3	1	130

		352	electric power facilities		3	4		1		3	3	2		3		2	2	1	2	5	8	2		7	1	49
		359	other electrical equipment		13	8		11		12	18	6	16	8	10	10	8	10	11	4	3	7	4	10	10	179
	35		electric equipment	31	18	15	16	14	16	17	22	12	17	14	13	13	13	13	16	10	13	13	6	19	13	334
		361	human power cranes		28	43		39		33	32	29	36	13	17	25	22	22	26	18	25	22	23	110	132	695
		362	human power hauling equipment		656	597		664		707	777	794	889	680	835	754	875	782	857	861	940	988	1,057	948	923	15,584
		363	human power machine		66	73		48		38	43	31	29	33	34	24	27	34	41	39	22	35	33	25	29	704
		364	hand tool		291	307		238		228	214	230	201	181	174	162	170	169	151	155	134	165	160	146	156	3,632
	36		human power machine, tools	1,014	1,041	1,020	1,005	989	1,029	1,006	1,066	1,084	1,155	907	1,060	965	1,094	1,007	1,075	1,073	1,121	1,210	1,273	1,229	1,240	23,663
		371	ladder		48	48		38		33	35	26	32	25	30	28	29	38	19	18	16	24	32	28	24	571
		372	slinging tool		221	189		175		168	170	162	143	105	108	97	92	106	101	93	88	101	89	94	78	2,380
		379	other tools		439	480		447		450	490	485	461	319	380	376	358	407	412	376	409	426	390	450	415	7,970
	37		tools	732	708	717	649	660	604	651	695	673	636	449	518	501	479	551	532	487	513	551	511	572	517	12,906
		391	other equipments, facilities		540	470		460		560	525	551	492	452	494	466	523	495	532	487	479	463	461	500	467	9,417
	39		other equipments, facilities	500	540	470	499	460	534	560	525	551	492	452	494	466	523	495	532	487	479	463	461	500	467	10,950
3			other equipment	2,492	2,500	2,428	2,363	2,299	2,384	2,408	2,469	2,476	2,465	1,928	2,180	2,042	2,221	2,190	2,293	2,150	2,242	2,348	2,345	2,407	2,331	50,961
		411	scaffolding		34	29		35		25	22	26	21	23	13	19	18	14	18	12	15	17	9	27	15	392
		412	timbering		33	23		16		10	14	11	9	8	3	8	4	8	5	11	5	3	8	5	3	187
		413	stairs, landing stage		12	9		6		8	10	10	10	5	7	7	4	2	6	7	6	2	9	11	9	140
		414	opening		7	15		3		2	4	3	1	2	3	2	2	7	6		7	1	6	7	6	84
		415	roof, beam, haze, crossbeam, principal rafter		18	11		5		10	9	7	3	2	2	5	9	5	1	4	3	3	6	3	2	108
		416	working platform, boot board		29	25		25		25	18	16	17	11	17	13	12	16	19	19	11	12	15	15	10	325
		417	passage		41	31		28		20	23	30	28	16	21	19	24	20	24	24	30	27	11	38	37	492
		418	building, establishment		333	418		355		332	321	346	356	353	301	367	330	334	274	303	270	299	307	286	297	6,182
		419	other temporary buildings, establishments		305	334		332		295	334	322	298	278	285	268	286	249	312	305	305	266	322	360	326	5,782
	41		temporary buildings, establishments	836	812	895	820	805	927	727	755	771	743	698	652	708	689	655	665	685	652	630	693	752	705	16,275
4			temporary buildings, establishments	836	812	895	820	805	927	727	755	771	743	698	652	708	689	655	665	685	652	630	693	752	705	16,275
		511	explosive substance		1						2	1			1	1	1	1								8
		512	inflammable		3	1		1									1					2		1		9

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