

code no.711 natural ground, rock as Causal (S) agents

Fatal & non-fatal accidents caused by natural ground, rock as Causal (S) agents in 1999-2021

Industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total
010101 meat/dairy products					2				1		1									2				6
010102 fishery products			1		1			3		1						1				3	1			11
010103 agricultural food products							1	3	1	1		3	1	1	1		1	1	1					15
010104 bread/cake products												1												1
010105 alcoholic drinks									1									1						2
010106 soft drinks								1																1
010109 other foods			5		3		1	5	3	3	1	2	6		1	1	3		1	4	4	2	2	47
0101 food products			6		6		2	12	6	5	2	6	7	1	2	2	4	2	2	9	5	2	2	83
010201 silk-reeling																								
010202 cotton-spinning																								
010203 weaving																								
010204 dyeing																								
010209 other textile products											1						1							2
0102 textile products											1						1							2
010301 over/under wear																								
010309 other fiber products			1						1	1							2							5
0103 fiber products			1						1	1							2							5



organic chemical products						1				1	1		1	1							1	6		
010802 chemical fiber																								
010803 pharmaceuticals						1				1													2	
010804 petroleum/coal products								2											1	1			4	
010805 plastics products			1				1															1	3	
010806 rubber products			1		1													1					3	
010807 leather products																								
010808 painting products																	1						1	
010809 chemical fertilizer products							1									1							2	
010899 other chemical products					1						1						1			1	1		5	
0108 chemical products			2		2		3	1	2		1	3		1	1		1	1	1	2	2	1	2	26
010901 cement products			2		4		5	1	8	3	1	3	1	2	2	1	3	3		2	1	1		43
010902 glass products																			1				1	
010903 pottery products							1		1			1	1										4	
010904 fire resisting products																								
010905 other ceramic products												1								1				2
010909 other sand and stone products			3		8		2	8	3	5	2	6	3	6	4	2	3	4	2	2	3	4	3	73

0109 sand and stone products			5		12		8	9	12	8	3	11	5	8	6	3	6	7	2	6	4	5	3	123
011001 steel/iron/rolling products											1				1					2				4
011002 casting products							1						1											2
011009 other steel products										1														1
0110 steel making							1			1	1		1		1					2				7
011101 nonferrous metals/rolling products																								
011102 nonferrous metals casting products																							1	1
011109 other nonferrous metal products														1					1				2	4
0111 nonferrous metal making														1					1				3	5
011201 western tableware/cutting tool products																								
011202 screw products																								
011203 metal press products																1				2		1	1	5
011204 metal plating products															1									1
011209 other metal products			1		2		1	2	4	2	1	2	3	3		2	1	1	2	2		3	1	33





020201 quarrying			17		16		13	15	7	8	9	8	12	8	8	12	12	2	9	3	5	12	2	178
020202 gravel digging			2		2		1	2	4		1	2		1	1	1	1	1	1		2	1	2	25
020209 other quarrying			1		1			1	1	2	1		1	1			1				1		1	12
0202 quarrying			20		19		14	18	12	10	11	10	13	10	9	13	14	3	10	3	8	13	5	215
020301 metal mining			1		2						1	1												5
020302 petroleum mining																								
020309 other mining					1			1		1					1							1		5
0203 other mining			1		3			1		1	1	1			1							1		10
02 mining			26		23		15	19	12	12	12	12	13	11	10	13	14	3	10	5	8	14	5	237
030101 hydroelectric plant construction work			5		1		1		3	6	1	2		1	2	1	3	1			1	1		29
030102 tunnel construction work			17		14		11	11	8	12	13	9	4	6	7	4	8	14	10	9	4	6	5	172
030103 subway construction work							1																	1
030104 railway construction work			1		1		1	2	1	1	1		1	1	1	1	2				2	1		17
030105 bridge construction work			6		6		3	4	2	1	4	2	1	2	9	2	4	2	2	2	2	2	4	58
030106 road construction work			128		109		80	75	51	57	47	42	49	50	56	44	48	35	41	40	36	41	36	1,065
030107 river civil engineering work			33		22		36	17	30	17	11	17	8	14	15	16	15	13	13	12	10	20	14	333









0502 port cargo transportation service						1	1			1				1								1	5	
05 cargo handling service				2		2	2	1	1	1		2	1		1		1	1	1	1	2	1	20	
060101 agriculture			42		46		38	37	45	39	45	43	36	51	48	40	47	38	55	55	58	54	54	871
0601 agriculture			42		46		38	37	45	39	45	43	36	51	48	40	47	38	55	55	58	54	54	871
060201 lumbering			168		189		129	128	114	150	134	126	115	114	93	92	118	92	88	89	76	71	83	2,169
060209 other forestry			152		146		68	85	78	95	98	84	90	67	74	60	65	56	56	50	58	46	54	1,482
0602 forestry			320		335		197	213	192	245	232	210	205	181	167	152	183	148	144	139	134	117	137	3,651
06 agriculture			362		381		235	250	237	284	277	253	241	232	215	192	230	186	199	194	192	171	191	4,522
070101 livestock			2		8		5	4	4	3	3	4	4	2		5	3	1	3	3	5	4	3	66
0701 livestock			2		8		5	4	4	3	3	4	4	2		5	3	1	3	3	5	4	3	66
070201 fishery			2		1			2	1	1			1			2	3	1			1		1	16
070209 other fishery					3		2	1	1	1			1					1						10
0702 fishery			2		4		2	3	2	2			2			2	3	2			1		1	26
07 livestock/fishery			4		12		7	7	6	5	3	4	6	2		7	6	3	3	3	6	4	4	92
080101 all kinds of wholesale			2		3		2	1	1									1	1					11
080102 furniture/fittings wholesale																								
080109 other wholesale			2		1		8	3	4	2	2	3	5	4	1	6	1	5	3	4	5	2	2	63
0801 wholesale			4		4		10	4	5	2	2	3	5	4	1	6	1	5	4	5	5	2	2	74
080201 all kinds of retail			9		2		6	1	1	2	3		2	1			3					1	1	32
080202 auto mobile retail			1						1		1		1		1		1		1					7





1201 education/research service			33	23	17	25	26	16	21	23	22	20	16	23	16	13	18	8	10	20	18	368
12 education/research service			33	23	17	25	26	16	21	23	22	20	16	23	16	13	18	8	10	20	18	368
130101 hospital			4	4	3	2	9	2	2	3	1	3	2	8	2	6	1	4	2		2	60
130102 general clinic			1				1	1			1											4
130109 other medical treatment service			1	1	1				1		1	1				1	1	1	1		2	12
1301 medical treatment service			6	5	4	2	10	3	3	3	3	4	2	8	2	7	2	5	3		4	76
130201 social welfare facility			11	14	20	13	14	13	9	8	18	13	15	14	27	20	21	18	26	28	31	333
1302 social welfare facility			11	14	20	13	14	13	9	8	18	13	15	14	27	20	21	18	26	28	31	333
130301 bathhouse					1	1						1	1		1		2		1	1	1	10
130309 other health and hygiene service				1	1	2							1		1			1				7
1303 other health and hygiene service				1	2	3						1	2		2		2	1	1	1	1	17
13 health and hygiene service			17	20	26	18	24	16	12	11	21	18	19	22	31	27	25	24	30	29	36	426
140101 hotel			10	10	12	14	10	11	10	10	11	5	3	14	4	3	12	3	6	6	7	161
1401 hotel			10	10	12	14	10	11	10	10	11	5	3	14	4	3	12	3	6	6	7	161
140201 general restaurant			7	2	2	2	3	2	4	4	1	1	2		1	2		2	2	1	1	39
140209 other restaurants													1		1			2				4
1402 restaurant			7	2	2	2	3	2	4	4	1	1	3		2	2		4	2	1	1	43
140301 golf course			172	207	123	134	138	146	148	150	140	130	110	86	82	79	96	50	75	65	73	2,204

140302 park and amusement park			2	2		5	2	5	1	4		6	6	5	3	3	8	3	3	3	4	4	69
140309 other amusement service			3	7		17	10	6	10	5	4	18	13	10	7	9	5	8	4	10	8	8	162
1403 other amusement service			177	216		145	146	149	157	157	154	164	149	125	96	94	92	107	57	88	77	85	2,435
14 amusement service			194	228		159	162	162	170	171	168	176	155	131	110	100	97	119	64	96	84	93	2,639
150101 building maintenance service			8	7		11	6	9	5	5	6	8	7	7	12	7	3	8	4	9	4	6	132
150102 industrial waste management service			3	8		4	5	3	4	6	4	3	5	5	1	3	1	9	5	4	3	5	81
150103 other waste disposal service			7	6		5	6	10	3	3	6	6	1	6	4	4	2	2	2	2	2	3	80
150104 cremation service				1							1												2
150105 livestock process service																							
150109 other cleaning and livestock process service			12	7		8	7	6	12	8	7	3	5	3	3	9	4	4	5	8	8	4	123
1501 commercial cleaning			30	29		28	24	28	24	22	24	20	18	21	20	23	10	23	16	23	17	18	418
15 commercial cleaning			30	29		28	24	28	24	22	24	20	18	21	20	23	10	23	16	23	17	18	418
160101 public office			9	4		3	8	3	2	2	2	6	4	2	4	1	3	1	2	1	4	3	64
1601 public office			9	4		3	8	3	2	2	2	6	4	2	4	1	3	1	2	1	4	3	64
16 public office			9	4		3	8	3	2	2	2	6	4	2	4	1	3	1	2	1	4	3	64

































1701 dispatch service																								
170201 security service		1						1			1			1	1		1	1	1				8	
170202 information processing service																								
170209 others			5		2	1	1	3	1		2	1	1		1	1	4		1	2		2	1	29
1702 others		1	5		2	1	1	4	1		3	1	1	1	2	1	5	1	2	2		2	1	37
17 others		1	5		2	1	1	4	1		3	1	1	1	2	1	5	1	2	2		2	1	37
total	77	59	64	56	57	49	32	39	40	32	37	26	28	25	37	25	24	24	19	24	25	22	21	842

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

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