

code no.413 stairs, landing stage as Causal (S) agents

Fatal & non-fatal accidents caused by stairs, landing stage 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			25		22		31	35	27	29	30	24	38	27	31	30	37	29	24	40	34	34	30	577
010102 fishery products			30		35		33	46	42	30	27	24	25	26	25	27	28	31	36	34	35	42	32	608
010103 agricultural food products			12		13		24	12	20	13	13	17	7	12	10	10	10	10	19	20	16	12	9	259
010104 bread/cake products			50		40		43	37	56	52	48	44	42	59	45	53	53	48	51	49	63	62	63	958
010105 alcoholic drinks			16		9		5	10	5	10	8	4	13	5	9	7	7	6	7	8	4	8	4	145
010106 soft drinks			5		5		7	4	6	8	4	3	4	5	1	5	7	2	2	5	8	7	9	97
010109 other foods			142		139		128	148	136	160	147	148	131	160	151	169	129	180	144	171	187	186	204	2,960
0101 food products			280		263		271	292	292	302	277	264	260	294	272	301	271	306	283	327	347	351	351	5,604
010201 silk-reeling			1														1							2
010202 cotton-spinning			1		1		1	1	3	1		1				1	1		1		1			13
010203 weaving			3				4	3	2		4	1			3	3	2	1	4	2	1	2		35
010204 dyeing			3		7		8	12	5	3	4	4	2	6	6	4	2	2	6	3	6	4	1	88
010209 other textile products			11		7		7	10	7	6	5	6	2	5	3	5	2	2	7	7	2	10	5	109
0102 textile products			19		15		20	26	17	10	13	12	4	11	12	13	8	5	18	12	10	16	6	247
010301 over/under wear			6		13		9	5	10	7	11	3	4	9	3	3	6		3	6	6	4	1	109
010309 other fiber products			12		11		7	14	8	12	9	16	10	9	7	8	5	6	8	5	14	4	9	174
0103 fiber products			18		24		16	19	18	19	20	19	14	18	10	11	11	6	11	11	20	8	10	283
010401 lumbering			16		13		7	7	11	11	10	6	5	12	7	8	7	9	4	10	6	6	6	161

010402 plywood			3		3		3	2		2	2	1	2	1	3	2	1	4		2	1	2	7	41
010409 other lumber and wood products			9		9		7	10	11	7	8	6	9	2	7	1	4	6	1	10	9	4	6	126
0104 wood products			28		25		17	19	22	20	20	13	16	15	17	11	12	19	5	22	16	12	19	328
010501 wood furniture			9		10		6	5	3	2	3	5	1	1	3	3		3	6	3	2	4	2	71
010502 metal furniture							1								2	1			1					5
010503 fittings			2		5		4	1	3	4	1	1	1	1	1		2	1	2		2	3		34
010509 other furniture			5		6		2	5		3	1	1	1		2	1	3	1	1	1	2	2	2	39
0105 furniture			16		21		12	12	6	9	5	7	3	2	6	6	6	5	9	5	6	9	4	149
010601 pulp/paper			9		10		7	10	4	6	4	6	8	2	5	10	3	7	4	4	6	7	5	117
010602 paper processing products			14		8		10	12	15	16	11	12	12	9	7	13	19	6	10	10	15	16	9	224
010609 other pulp/paper processing products			9		8		6	4	3	2	3	5	5	2	2	5	1	4	4	3	4	5	5	80
0106 pulp/paper processing products			32		26		23	26	22	24	18	23	25	13	14	28	23	17	18	17	25	28	19	421
010701 printing service			28		27		21	25	29	26	28	14	21	23	12	13	25	17	22	16	23	27	27	424
010702 bookbinding			1				2	3	3	1	1	2	1	1	2	4	1	1	1	3	1			28
010709 other printing and bookbinding			3		3		4	5	1	1	6		2		4	3	3	2	4	6	5	4	6	62
0107 printing/bookbinding			32		30		27	33	33	28	35	16	24	24	18	20	29	20	27	25	29	31	33	514
010801 non organic or organic chemical products			10		12		11	16	14	14	9	9	15	12	9	14	4	8	11	18	20	12	7	225
010802 chemical fiber			1				1	1	2	2			1		2	1	1	1		1	1	1		16

010803 pharmaceuticals			12		6		13	8	8	11	10	11	13	12	3	9	9	10	11	7	13	9	14	189
010804 petroleum/coal products			1		3		6	1	4	4	2	2	3	2	2	2	3	3	2	3	1	4	4	52
010805 plastics products			38		37		35	25	28	28	31	18	22	27	21	36	30	32	35	27	34	34	35	573
010806 rubber products			10		10		14	9	6	8	5	3	8	7	3	5	7	7	5	7	6	7	8	135
010807 leather products			3		4		4	1	3	3	1	3	3			2	1		3	1	2	2		36
010808 painting products			3		4		4	3	3	2	1			3		1	3	2	1	1	2	4	2	39
010809 chemical fertilizer products			1		4		3	4		5	4	2	1	1	1	3		3	1	4	1		3	41
010899 other chemical products			18		7		10	19	13	17	12	12	8	5	10	21	11	8	23	17	16	19	17	263
0108 chemical products			97		87		101	87	81	94	75	60	74	69	51	94	69	74	92	86	96	92	90	1,569
010901 cement products			25		18		14	14	17	18	6	6	16	7	11	14	10	10	7	18	15	15	11	252
010902 glass products			5		4		5	6	3	5	3	10	6	4	2	4	3	3	6	1	6	5	3	84
010903 pottery products			2		5		5	5	2	4	4	1		5		2	2	1	3	2	1		3	47
010904 fire resisting products								2	1	1	1	2		1			1	2	1	1		1	1	15
010905 other ceramic products					3		4		1		1	1	1	2				1	3		2	1	2	22
010909 other sand and stone products			17		12		12	10	10	5	9	7	8	6	5	7	4	7	5	1	9	4	7	145
0109 sand and stone products			49		42		40	37	34	33	24	27	31	25	18	27	20	24	25	23	33	26	27	565
011001 steel/iron/rolling products			3		4		6	5	7	7	3	3	5	9	5	9	9	5	7	13	2	3	7	112

011002 casting products			8		6		4	4	8	7	3	2	1	6	4	1	3	5	7	3	3	3	1	79
011009 other steel products			6		2		4	3	1	4			1	3	5	3	4	4	1	3	1	3	4	52
0110 steel making			17		12		14	12	16	18	6	5	7	18	14	13	16	14	15	19	6	9	12	243
011101 nonferrous metals/rolling products			3		2		3	2	2		6	1	2	1	2	2	3	2	1	2	3	1	6	44
011102 nonferrous metals casting products			2		1				1	5		1		4	1	1		2	4	6	1	1		30
011109 other nonferrous metal products			3		3		5	4	2	4	6		1	1	3	3	5	2	6	3	3	2	2	58
0111 nonferrous metal making			8		6		8	6	5	9	12	2	3	6	6	6	8	6	11	11	7	4	8	132
011201 western tableware/cutting tool products					1			1	1	1	2	1				1		2	2					12
011202 screw products			2				2	4	1	3	1	1				3	1	2	1	4	2		3	30
011203 metal press products			4		7		2	5	8	10	7	7	2	6	3	4	6	5	8	8	8	4	7	111
011204 metal plating products			11		7		8	9	9	6	9	8	5	4	9	5	4	2	6	5	11	13	7	138
011209 other metal products			92		82		67	80	63	68	50	44	58	52	65	52	46	39	61	57	53	42	53	1,124
0112 metal products			109		97		79	99	82	88	69	61	65	62	77	65	57	50	78	74	74	59	70	1,415
011301 machine products			42		45		33	52	30	51	25	39	35	38	38	34	41	38	35	40	32	46	52	746
011302 measuring instruments			6		3		1		6		2	7	3	3	2	3	6	2	6	5	3	3	2	63
011303 optical instruments					2		3	1	2	3	4	4	5	4	2	3	2	3	3	1	2	2	3	49

011602 city gas service			10		10		5	6	4	5	2	3	8	3	6	3	8	1	1	6	9	8	8	106
011603 city water service			3		2		5	2	5	5	5	7	9	12	1	4	4	5	6	4	2	9	5	95
011609 other electric/gas/water service							1	1		1			1				1	2		4			11	
0116 electric/gas/water service			19		18		15	14	17	14	9	15	20	19	10	13	17	12	12	12	17	21	17	291
011701 auto mobile servicing			10		12		13	9	15	11	6	3	6	4	8	8	11	7	8	13	8	19	12	183
011702 machine repair			4		8		11	4	9	12	11	2	5	10	5	3	7	4	7	7	9	4	6	128
011703 cleaning			34		33		32	23	28	24	19	21	27	20	21	27	29	31	27	16	25	26	34	497
011704 tobacco products			3		1			1	1		1								2					9
011709 other manufacturing			26		31		29	34	29	33	36	35	25	30	33	26	27	38	40	29	27	45	56	629
0117 other manufacturing			77		85		85	71	82	80	73	61	63	64	67	64	74	80	82	67	69	94	108	1,446
01 manufacturing			971		933		881	936	922	942	793	736	754	791	743	802	783	800	834	889	925	932	950	16,317
020101 general coal mining			1																					1
020109 other coal mining											1													1
0201 coal mining			1								1													2
020201 quarrying			3		7		1	4	4	4	4	1	2	3	3	3	2		1	4	4	3	4	57
020202 gravel digging			1		2		5	2	3	1	4	1	1	2	2	2	2	3	2		2	2	2	39
020209 other quarrying							3	1	1		1				1				1	1				9
0202 quarrying			4		9		9	7	8	5	9	2	3	5	6	5	4	3	4	5	6	5	6	105
020301 metal mining																1								1
020302 petroleum mining			1								1													2
020309 other mining			1				2	1		1		1		1			1		1					9

0203 other mining			2			2	1		1	1	1		1		1	1		1					12	
02 mining			7		9		11	8	8	6	11	3	3	6	6	6	5	3	5	5	6	5	6	119
030101 hydroelectric plant construction work			2									1	1	1		1		1	1	1			9	
030102 tunnel construction work			2					1	2	1	3			2	1		2	1	1			1	17	
030103 subway construction work												1			2					3			6	
030104 railway construction work			2				1	1				1		3	2	2		1	1			2	1	17
030105 bridge construction work			4		4		2	3	4	3	3	2	1	1	3	1	4		3			2	4	44
030106 road construction work			4		5		8	10	6	9	6	5	11	12	10	2	8	8	9	7	8	10	5	143
030107 river civil engineering work			3				2	3	3	2	1	2	1	3		6	3	3	1	1	5	1	3	43
030108 sand collapse prevention civil engineering work			3		5		2	1	3	3	1	1	1	1	4	3	1		1	2	1	1	34	
030109 land consolidation civil engineering work			4		2		1	3	6	2	6	2	2	3	4	2	1	4	2	1	2	4	4	55
030110 water supply/sewage construction work			7		10		6	6	2	5	5	1	2	8	5	1	2	5	2	6	4	4	3	84
030111 port/seaside construction work			1		3		4	2	2	2	1	1	1	1	2	1		1	1		2	4	2	31

030199 other civil engineering work			46		37		31	27	29	25	38	23	27	33	27	26	28	32	12	19	27	20	25	532
0301 civil engineering work			78		66		57	57	57	52	64	40	47	68	60	45	49	56	33	39	50	48	49	1,015
030201 steel frame/reinforced concrete house construction work			91		88		93	97	106	85	48	52	54	74	72	82	65	73	65	79	68	60	76	1,428
030202 wooden house construction work			82		80		65	56	56	48	40	50	42	45	42	53	36	48	56	42	56	44	40	981
030203 building facility construction work			37		33		26	24	27	26	26	21	21	26	22	23	24	23	23	17	31	39	21	490
030209 other building construction work			94		103		93	75	87	85	82	71	90	84	69	77	88	93	86	88	99	92	102	1,658
0302 construction work			304		304		277	252	276	244	196	194	207	229	205	235	213	237	230	226	254	235	239	4,557
030301 electricity/telecommunication work			27		20		21	24	25	22	21	30	27	26	27	26	30	18	25	23	19	36	23	470
030302 machinery/apparatus setting work			14		19		21	16	24	12	11	23	12	10	7	22	11	15	15	14	20	19	16	301
030309 other construction works			42		38		53	61	33	46	38	29	27	35	35	42	54	49	55	53	41	64	59	854
0303 other construction works			83		77		95	101	82	80	70	82	66	71	69	90	95	82	95	90	80	119	98	1,625
03 construction			465		447		429	410	415	376	330	316	320	368	334	370	357	375	358	355	384	402	386	7,197
040101 railroad service			18		30		28	36	38	33	25	27	23	41	27	17	28	26	43	33	37	30	38	578

08 commerce			1,022		1,164		1,109	1,138	1,137	1,077	1,052	1,060	1,133	960	1,005	1,058	1,028	1,113	1,086	1,084	1,183	1,148	1,246	20,803
090101 banking/trust business			23		40		36	34	51	59	46	43	50	48	29	35	33	27	47	33	39	37	50	760
090102 stock/commodity trade business			5		3		4	6	3	9		1	4		1	1	6	5	5	2	1	2	3	61
090103 insurance business			163		150		134	163	160	150	147	151	134	140	140	140	154	149	162	148	134	127	132	2,778
090109 other financial business			6		8		4	4	4	7	10	8	6	10	4	7	7	3	10	4	5	7	11	125
0901 financial business			197		201		178	207	218	225	203	203	194	198	174	183	200	184	224	187	179	173	196	3,724
090201 traveling service			2		1		7	3	3	1	4	7	8	5	10	7	5	4	10	4	5	6	3	95
090209 other advertisement and mediator			5		19		16	9	18	16	19	5	14	13	20	21	18	21	22	14	21	24	21	316
0902 advertisement and mediator			7		20		23	12	21	17	23	12	22	18	30	28	23	25	32	18	26	30	24	411
09 financial business/advertisement			204		221		201	219	239	242	226	215	216	216	204	211	223	209	256	205	205	203	220	4,135
100101 movie production and delivery service			2				1	1	2	2	4		2	1	1	4	7	4	1	2		2	4	40
100102 movie theatre			1					2	2	2	2	4	2	1				1	4	3	5	5	2	36
100109 other movie/play service					5		1	8	6	6	5	5	5	2	5	2	4	4	2	5	7	3	9	84
1001 movie/play service			3		5		2	11	10	10	11	9	9	4	6	6	11	9	7	10	12	10	15	160
10 movie/play service			3		5		2	11	10	10	11	9	9	4	6	6	11	9	7	10	12	10	15	160
110101 telecommunication			16		52		326	433	360	293	321	289	265	294	239	236	201	216	244	242	263	260	246	4,796

service																								
1101 telecommunication service			16		52		326	433	360	293	321	289	265	294	239	236	201	216	244	242	263	260	246	4,796
11 telecommunication service			16		52		326	433	360	293	321	289	265	294	239	236	201	216	244	242	263	260	246	4,796
120101 auto mobile practical training			7		8		6	4	4	5	3	4	6		4	4	7	4	5	4	8	7	13	103
120102 software service			1		4		6	3	4	7	7	7	3	3	5	2	5	7	4	4	8	5	4	89
120109 other education/research service			48		44		69	55	61	74	55	78	65	59	68	70	78	71	84	87	95	84	105	1,350
1201 education/research service			56		56		81	62	69	86	65	89	74	62	77	76	90	82	93	95	111	96	122	1,542
12 education/research service			56		56		81	62	69	86	65	89	74	62	77	76	90	82	93	95	111	96	122	1,542
130101 hospital			158		172		166	153	149	155	145	160	175	161	150	164	164	183	163	161	179	220	233	3,211
130102 general clinic			11		21		16	26	29	26	26	28	26	26	42	43	32	32	30	32	34	48	55	583
130109 other medical treatment service			18		14		7	21	22	26	25	25	18	35	27	16	24	23	28	37	28	35	30	459
1301 medical treatment service			187		207		189	200	200	207	196	213	219	222	219	223	220	238	221	230	241	303	318	4,253
130201 social welfare facility			80		117		158	179	189	179	228	196	278	309	316	326	399	458	432	458	522	599	618	6,041
1302 social welfare facility			80		117		158	179	189	179	228	196	278	309	316	326	399	458	432	458	522	599	618	6,041
130301 bathhouse			5		10		5	7	11	10	12	5	8	5	5	9	5	5	11	6	11	7	8	145
130309 other health and hygiene service			8		11		9	14	8	16	5	13	9	19	10	8	10	7	4	10	10	5	11	187
1303 other health and			13		21		14	21	19	26	17	18	17	24	15	17	15	12	15	16	21	12	19	332

