

code no.371 ladder as Causal (S) agents

Fatal & non-fatal accidents caused by ladder 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			20		23		19	35	15	26	25	33	25	23	22	29	24	33	27	21	20	19	30	469
010102 fishery products			25		27		32	22	27	20	25	32	22	24	13	12	24	22	17	10	20	15	27	416
010103 agricultural food products			20		21		11	17	7	12	12	18	15	11	18	13	10	8	11	8	9	14	10	245
010104 bread/cake products			30		30		25	29	36	36	32	35	33	27	32	33	35	38	39	42	39	43	39	653
010105 alcoholic drinks			21		15		11	18	13	13	13	17	10	9	9	10	13	21	15	16	17	15	15	271
010106 soft drinks			7		6		6	4	11	11	7	6	6	10	6	4	5	7	4	8	6	6	5	125
010109 other foods			78		79		80	88	101	83	86	100	95	112	115	81	99	116	91	101	124	127	144	1,900
0101 food products			201		201		184	213	210	201	200	241	206	216	215	182	210	245	204	206	235	239	270	4,079
010201 silk-reeling			2				1				1												1	5
010202 cotton-spinning			6		6		2	4	6	5		2	3	2	4	3	2	1	1	1	2	1	2	53
010203 weaving			7		7		5	8	13	5	6	3	7	2	5	3	3	4	3	7	4	1	4	97
010204 dyeing			9		4		6	7	1	9	3	4	6	4	3	2	9	5	2	6	2	3	4	89
010209 other textile products			18		16		6	9	8	13	10	5	6	7	10	5	11	7	5	11	4	10	6	167
0102 textile products			42		33		20	28	28	32	20	14	22	15	22	13	25	17	11	25	12	15	17	411
010301 over/under wear			5		3		2	5	3	2	8	5	4	3	4	1	2	2	4	2	5	2	4	66
010309 other fiber products			9		12		13	11	9	9	5	11	6	9	4	8	3	1	10	9	8	4	6	147
0103 fiber products			14		15		15	16	12	11	13	16	10	12	8	9	5	3	14	11	13	6	10	213
010401 lumbering			29		18		22	16	12	16	13	9	8	10	11	11	8	9	9	10	9	8	16	244

010402 plywood			3		4		4	4	2	4	5	2	3	3	10	4	4	3	2	2	1	3	6	69
010409 other lumber and wood products			27		18		21	17	17	11	13	7	12	12	16	14	19	17	13	12	13	11	9	279
0104 wood products			59		40		47	37	31	31	31	18	23	25	37	29	31	29	24	24	23	22	31	592
010501 wood furniture			15		19		11	11	7	5	5	6	1	3	3	4	5	11	3	7	1	2	6	125
010502 metal furniture					2			1	2	2				1					2		3	1		14
010503 fittings			12		4		4	8	12	4	3	3	1	2	5	1	2	1		1	3	3	1	70
010509 other furniture			5		6		3	4	8	7	2	1	1			4	2	1		3	3	6		56
0105 furniture			32		31		18	24	29	18	10	10	3	6	8	9	9	13	5	11	10	12	7	265
010601 pulp/paper			9		5		5	2	2	4	6	4	5	3	5	4	7	4	5	6	6	5	1	88
010602 paper processing products			14		13		12	14	14	13	8	11	14	15	13	14	13	6	15	10	13	8	9	229
010609 other pulp/paper processing products			3		8		5	7	3	4	4	2	2	1	6	3	5	7		2	2	2	5	71
0106 pulp/paper processing products			26		26		22	23	19	21	18	17	21	19	24	21	25	17	20	18	21	15	15	388
010701 printing service			15		15		11	14	15	11	15	9	16	8	12	10	9	12	7	3	4	10	9	205
010702 bookbinding			3		2		1	2	2		1	1	1	1	1	1	2	1				1	1	21
010709 other printing and bookbinding					4		2	2	3	2	1	2	2		2	1		2	2		4	3	3	35
0107 printing/bookbinding			18		21		14	18	20	13	17	12	19	9	15	12	11	15	9	3	8	14	13	261
010801 non organic or organic chemical products			12		17		16	6	13	12	11	14	10	8	5	12	11	12	7	7	6	12	11	202
010802 chemical fiber					4		2	2	2		1	2		1	1			2	1			1	1	20

010803 pharmaceuticals			9		9		4	3	6	5	6	2	1	3	5	3	7	4	5	4	7	9	6	98
010804 petroleum/coal products			10		2		3	1	2	4	2	5	2	5	1	2		3	4		3	1	4	54
010805 plastics products			34		32		39	38	46	47	29	31	35	37	31	39	35	31	40	46	36	46	50	722
010806 rubber products			10		9		7	8	7	13	3	3	8	5	8	6	4	7	2	8	8	5	5	126
010807 leather products			1				1	2			2		1		2		1	2	4	3	1	1	1	22
010808 painting products			1		3		1	1	3	2	1	1	1	3	3	5	4	2	1	5	4	1	1	43
010809 chemical fertilizer products			4		4		1	4	3	5	5	1	6	3		1	2	2	4	5	7	4	2	63
010899 other chemical products			10		11		15	12	10	13	7	15	14	12	12	16	13	11	12	19	12	16	10	240
0108 chemical products			91		91		89	77	92	101	67	74	78	77	68	84	77	76	80	97	84	96	91	1,590
010901 cement products			36		30		30	34	26	28	17	18	18	18	26	27	19	19	18	28	22	14	31	459
010902 glass products			3		5		5	6	6	4	2	3	3	6	3	7	5	3	5	4	4	8	1	83
010903 pottery products			5		3		3	6	1	1	2	4	3	3		3	3	4	3		5	3	1	53
010904 fire resisting products							1	3	2	2					1	1			1		3		4	18
010905 other ceramic products			1		3		3		5	1	3	1	1		2		1	2	3	5	2	1	3	37
010909 other sand and stone products			12		10		13	13	14	16	10	4	10	10	11	9	8	11	13	13	13	12	11	213
0109 sand and stone products			57		51		55	62	54	52	34	30	35	37	43	47	36	39	43	50	49	38	51	863
011001 steel/iron/rolling products			8		4		3	7	12	12	3	5	4	4	5	5	4	3	8	2	5	4	1	99

011002 casting products			6		7		2	8	12	9	7	7	5	3	3	1	6	7	4	4		7	9	107
011009 other steel products			9		9		7	3	5	7	7	4	7	3	6	4	5		6	6	4	7	4	103
0110 steel making			23		20		12	18	29	28	17	16	16	10	14	10	15	10	18	12	9	18	14	309
011101 nonferrous metals/rolling products			2		2		3	4		2	3	3	2	2		2	2	3	3		4	2	5	44
011102 nonferrous metals casting products			2				3	4	3	1	4	2	3	2	2		3	4	5	4	2	1	2	47
011109 other nonferrous metal products			5		1		6	6	8	6	3	6	4	3	1	3	3	2	2	7	4	4		74
0111 nonferrous metal making			9		3		12	14	11	9	10	11	9	7	3	5	8	9	10	11	10	7	7	165
011201 western tableware/cutting tool products			1		3		3	1	1	2		3		1		1				2	1	1		20
011202 screw products			4		3		2	1	3	3	2	3	4	2	1	2	2	3	8	3	3	3	4	56
011203 metal press products			10		14		3	9	8	12	9	5	8	6	4		7	7	6	7	6	9	5	135
011204 metal plating products			10		7		5	6	6	3	7	8	2	8	3	5	6	2	4	6	8	5	5	106
011209 other metal products			223		189		186	164	189	156	178	125	137	131	123	115	111	103	115	117	129	104	120	2,715
0112 metal products			248		216		199	181	207	176	196	144	151	148	131	123	126	115	133	135	147	122	134	3,032
011301 machine products			87		94		91	76	85	75	75	67	63	71	59	71	47	60	59	56	53	72	64	1,325
011302 measuring instruments			4		1		1	3	2	2	1	3	2	2	1	2	2	1	1	2	1	2		33
011303 optical instruments					1			7	3	3	1		4	3	1		1	1	1	1	3		4	34

011304 watch products							1	1												1				3
011305 other precision machine products			7		8		14	12	4	6	3	2	7	5	8	2	5	9	7	9	13	8	3	132
0113 machine products			98		104		106	99	95	86	80	72	76	81	69	75	55	71	68	69	70	82	71	1,527
011401 heavy electrical equipment			5		6		3	6	6	4	5	4	3	11	7	6	4	5	6	5	6	13	4	109
011402 electrical appliance			7		7		7	7	7	6	1	8	9	4	2	3	4	8	4	8	1	5	4	102
011403 electronics equipment and telecommunications apparatus			8		10		7	13	11	12	8	7	7	8	9	13	15	11	7	17	6	10	19	198
011409 other electrical equipment			17		20		18	15	26	9	10	14	17	11	16	14	15	16	21	16	28	16	20	319
0114 electrical equipment products			37		43		35	41	50	31	24	33	36	34	34	36	38	40	38	46	41	44	47	728
011501 ship building			49		47		44	43	36	49	35	31	23	29	24	26	27	32	32	31	26	35	28	647
011502 auto mobile products			37		35		38	36	55	34	28	26	27	33	29	37	39	41	30	44	23	23	32	647
011503 railway vehicle products			1		6		1	2	5	4	3		1	2		2	1	4	2	2	3	2	3	44
011509 other transport equipment products			6		9		11	9	10	18	12	4	14	6	8	9	11	10	11	7	8	13	12	188
0115 transport equipment products			93		97		94	90	106	105	78	61	65	70	61	74	78	87	75	84	60	73	75	1,526
011601 electric utility service			5		4		5	2	3	1	1	3		2	2	1	5	1	6	6	1	2	5	55

0203 other mining			1		1		3			1					1		1		1			1	10	
02 mining			9		7		13	6	3	9	4	4	6	7	9	2	5	5	6	5	9	4	9	122
030101 hydroelectric plant construction work					1			1					2		2	1	1		1	2	1		2	14
030102 tunnel construction work			3		2		3	2	3	2	1	1		2	1			4			4	1	1	30
030103 subway construction work					1					4	1							1	1					8
030104 railway construction work			1				2	3	1	3	2	1		1	1	1	3	2	2		4			27
030105 bridge construction work			6		7		2	4	5	5	6	6	2	4	2	3	6	3	4	4		5	5	79
030106 road construction work			37		28		35	18	17	15	30	14	16	18	16	24	25	25	23	14	18	20	29	422
030107 river civil engineering work			15		8		9	10	4	6	3	6	5	6	13	10	8	5	5	3	6	10	8	140
030108 sand collapse prevention civil engineering work			7		8		9	7	7	3	8		4	2	4	4	3	3	2	4	6	5	5	91
030109 land consolidation civil engineering work			13		11		21	16	12	19	16	11	15	12	14	13	6	15	10	13	12	19	14	262
030110 water supply/sewage construction work			34		19		19	19	14	21	10	9	9	15	16	6	7	7	8	6	13	4	6	242
030111 port/seaside construction work			5		3		2	4	3	4	3	2	3	4	4	6	3	5	4		2	2	5	64

030199 other civil engineering work			176	160		159	147	141	149	143	150	160	145	141	134	159	120	144	148	138	150	141	2,805
0301 civil engineering work			297	248		261	231	207	231	223	200	216	209	214	202	221	190	204	194	204	216	216	4,184
030201 steel frame/reinforced concrete house construction work			398	365		376	422	400	344	232	207	254	319	289	348	258	246	237	233	262	215	232	5,637
030202 wooden house construction work			707	630		617	545	450	416	405	373	396	432	413	371	309	333	333	312	295	308	267	7,912
030203 building facility construction work			200	171		148	167	160	114	135	137	137	117	129	151	146	138	111	101	119	129	154	2,664
030209 other building construction work			480	488		472	521	487	472	430	425	426	447	420	439	429	363	373	372	352	344	394	8,134
0302 construction work			1,785	1,654		1,613	1,655	1,497	1,346	1,202	1,142	1,213	1,315	1,251	1,309	1,142	1,080	1,054	1,018	1,028	996	1,047	24,347
030301 electricity/telecommunication work			172	133		139	141	125	152	128	143	144	117	148	118	109	93	113	89	115	90	98	2,367
030302 machinery/apparatus setting work			69	69		61	80	69	69	54	61	58	53	73	61	42	56	59	68	65	62	52	1,181
030309 other construction works			207	203		205	189	200	199	157	149	184	183	177	199	159	208	205	221	213	189	238	3,685
0303 other construction works			448	405		405	410	394	420	339	353	386	353	398	378	310	357	377	378	393	341	388	7,233
03 construction			2,530	2,307		2,279	2,296	2,098	1,997	1,764	1,695	1,815	1,877	1,863	1,889	1,673	1,627	1,635	1,590	1,625	1,553	1,651	35,764
040101 railroad service			13	7		11	8	7	12	5	6	8	10	8	11	5	10	6	9	5	15	10	166

08 commerce			577		612		680	667	691	709	682	691	719	786	740	790	796	837	852	964	1,032	1,011	1,008	14,844
090101 banking/trust business			4		7		1	4	4	3	3	5	3	5	3	5	4		4	2	3	4	2	66
090102 stock/commodity trade business					1		1			1			1							1				5
090103 insurance business			6		2		7	3	7	3	5	3	7	6	2	4	7	5	5	9	10	6	8	105
090109 other financial business			3		2		4	1	3	1	3	1	3	3	2			2	3	1			1	33
0901 financial business			13		12		13	8	14	8	11	9	14	14	7	9	11	7	12	13	13	10	11	209
090201 traveling service			1								1	3							1	1	1	1		9
090209 other advertisement and mediator			7		16		12	6	7	9	12	15	15	11	17	13	14	9	12	14	24	11	15	239
0902 advertisement and mediator			8		16		12	6	7	9	13	18	15	11	17	13	14	9	13	15	25	12	15	248
09 financial business/advertisement			21		28		25	14	21	17	24	27	29	25	24	22	25	16	25	28	38	22	26	457
100101 movie production and delivery service			1					2	1	2		3	2	2	2	2	1	4	1	1	2		4	30
100102 movie theatre									1			1	1		1		2				2			8
100109 other movie/play service			2		1		4	3	2	2	1	3	3	3	2	7	4	5	4	7	3	1	3	60
1001 movie/play service			3		1		4	5	4	4	1	7	6	5	5	9	7	9	5	8	7	1	7	98
10 movie/play service			3		1		4	5	4	4	1	7	6	5	5	9	7	9	5	8	7	1	7	98
110101 telecommunication			2		7		10	12	16	10	12	15	15	9	9	10	10	15	14	14	17	14	9	220

service																								
1101 telecommunication service			2		7		10	12	16	10	12	15	15	9	9	10	10	15	14	14	17	14	9	220
11 telecommunication service			2		7		10	12	16	10	12	15	15	9	9	10	10	15	14	14	17	14	9	220
120101 auto mobile practical training			1		3		1	3	2	1	3	2	1	3	2		6		3	1	5	5	5	47
120102 software service							1	2			1	1		1		1				1	2		1	11
120109 other education/research service			29		34		41	44	54	48	52	50	50	61	51	51	40	58	66	52	62	85	87	1,015
1201 education/research service			30		37		43	49	56	49	56	53	51	65	53	52	46	58	69	54	69	90	93	1,073
12 education/research service			30		37		43	49	56	49	56	53	51	65	53	52	46	58	69	54	69	90	93	1,073
130101 hospital			34		43		35	33	30	40	29	34	45	32	54	35	40	33	43	41	37	47	39	724
130102 general clinic			3		2		7	5	10	11	7	12	9	6	10	8	12	8	11	10	13	8	14	166
130109 other medical treatment service			5				4	7	3	12	14	3	5	5	8	5	5	8	3	6	7	7	8	115
1301 medical treatment service			42		45		46	45	43	63	50	49	59	43	72	48	57	49	57	57	57	62	61	1,005
130201 social welfare facility			35		53		52	53	68	82	83	103	105	114	124	120	120	139	153	159	173	220	217	2,173
1302 social welfare facility			35		53		52	53	68	82	83	103	105	114	124	120	120	139	153	159	173	220	217	2,173
130301 bathhouse			7		8		4	8	12	12	9	12	5	6	5	9	7	5	11	16	4	7	6	153
130309 other health and hygiene service			2		4		2	2	3	3	4	5	5	4	6	1	2	2	3	4	6	4	4	66
1303 other health and			9		12		6	10	15	15	13	17	10	10	11	10	9	7	14	20	10	11	10	219

hygiene service																								
13 health and hygiene service			86		110		104	108	126	160	146	169	174	167	207	178	186	195	224	236	240	293	288	3,397
140101 hotel			87		76		71	70	96	67	70	89	80	72	65	59	67	68	80	73	82	72	69	1,413
1401 hotel			87		76		71	70	96	67	70	89	80	72	65	59	67	68	80	73	82	72	69	1,413
140201 general restaurant			50		62		51	66	55	57	72	65	93	62	78	62	81	85	95	84	100	108	88	1,414
140209 other restaurants			11		5		8	8	7	6	6	9	12	11	4	6	6	13	9	8	11	13	8	161
1402 restaurant			61		67		59	74	62	63	78	74	105	73	82	68	87	98	104	92	111	121	96	1,575
140301 golf course			42		18		25	35	34	35	27	22	35	36	20	39	30	24	29	24	25	19	25	544
140302 park and amusement park			11		3		5	14	9	9	8	7	12	7	7	10	9	7	11	13	16	14	8	180
140309 other amusement service			60		62		66	61	54	59	69	50	54	73	64	49	55	61	50	58	54	66	54	1,119
1403 other amusement service			113		83		96	110	97	103	104	79	101	116	91	98	94	92	90	95	95	99	87	1,843
14 amusement service			261		226		226	254	255	233	252	242	286	261	238	225	248	258	274	260	288	292	252	4,831
150101 building maintenance service			293		298		294	298	282	297	250	298	264	279	287	274	224	247	229	239	243	232	208	5,036
150102 industrial waste management service			18		21		22	15	17	26	28	22	31	34	39	26	37	26	42	38	41	51	38	572
150103 other waste disposal service			12		13		10	20	20	26	16	15	15	10	8	11	18	13	7	17	16	26	13	286
150104 cremation service							1	2	1	1			2		3	1				2			1	14
150105 livestock process service					2		3	1		3	1	1	2	3	3	2		1	1	4	3	2	1	33

service																							
100102 movie theatre																							
100109 other movie/play service																							
1001 movie/play service																							
10 movie/play service																							
110101 telecommunication service												1								1		2	
1101 telecommunication service												1								1		2	
11 telecommunication service												1								1		2	
120101 auto mobile practical training																							
120102 software service																							
120109 other education/research service				1			1	1		1	2		1	3	1				1		1	1	14
1201 education/research service				1			1	1		1	2		1	3	1				1		1	1	14
12 education/research service				1			1	1		1	2		1	3	1				1		1	1	14
130101 hospital				2			1												1				4
130102 general clinic																							
130109 other medical treatment service																							
1301 medical treatment service				2			1												1				4
130201 social welfare facility		1											1	2					1	1			6
1302 social welfare facility		1											1	2					1	1			6
130301 bathhouse				1								1			1								3
130309 other health and hygiene service																							
1303 other health and hygiene service				1								1			1								3
13 health and hygiene service		1		3			1					1	1	2	1				2	1			13

170101 dispatch service																								
1701 dispatch service																								
170201 security service					1		1									1			1	1				5
170202 information processing service																								
170209 others		1	1	2	4	3	1	1	1			1		2	1		2		1	2		2	2	27
1702 others		1	1	2	5	3	2	1	1			1		2	1		3		1	3	1	2	2	32
17 others		1	1	2	5	3	2	1	1			1		2	1		3		1	3	1	2	2	32
total	40	39	43	36	43	42	32	39	40	27	30	44	27	27	35	27	26	20	33	29	23	17	30	749

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

Return to <https://www.jisha.or.jp/english/statistics/2021eCSA.html>