

## code no.611 load as Causal (S) agents

## Fatal &amp; non-fatal accidents caused by load 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			60		82		57	63	56	46	55	66	77	69	61	70	52	60	63	65	65	50	66	1,183
010102 fishery products			148		94		112	102	107	93	82	91	60	85	66	66	67	80	61	65	51	72	71	1,573
010103 agricultural food products			35		33		36	40	41	39	24	30	31	32	27	26	38	31	31	25	32	27	30	608
010104 bread/cake products			51		35		44	49	65	60	60	53	38	51	66	44	64	56	52	70	59	64	57	1,038
010105 alcoholic drinks			12		10		11	7	9	6	12	9	5	5	5	6	7	4	5	7	7	8	4	139
010106 soft drinks			10		2		5	4	9	8	5	7	6	10	5	5	4	9	5	11	9	6	5	125
010109 other foods			231		198		235	241	249	251	216	246	233	224	242	223	235	288	243	269	275	283	290	4,672
0101 food products			547		454		500	506	536	503	454	502	450	476	472	440	467	528	460	512	498	510	523	9,338
010201 silk-reeling					1		1	1	1	1									1		1			7
010202 cotton-spinning			8		4			2	6		2	2	2	2	2	1	1	1	3	1	1		2	40
010203 weaving			8		9		5	6	3	1	8	1	3	6	4	3	1	3	2	4	1	4	3	75
010204 dyeing			5		2		8	10	4	4	3	2	3	4	1	4	4	3	1		8	1	2	69
010209 other textile products			17		13		14	8	7	10	12	6	11	6	11	5	5	11	11	9	12	5	6	179
0102 textile products			38		29		28	27	21	16	25	11	19	18	18	13	11	18	18	14	23	10	13	370
010301 over/under wear			7		8		4	5	4	4	7	2	1	3	5	2	3	1	2	1	4	3	2	68
010309 other fiber products			16		22		15	13	10	8	13	7	5	6	6	6	14	9	10	12	6	13	3	194
0103 fiber products			23		30		19	18	14	12	20	9	6	9	11	8	17	10	12	13	10	16	5	262
010401 lumbering			18		15		11	12	11	10	8	8	7	9	8	4	8	7	6	9	7	3	6	167

010402 plywood			6		6		4	7	8	4	2	3	4	4	2			3	3	2	6	2	1	67
010409 other lumber and wood products			23		26		20	13	17	14	15	11	9	19	16	14	17	7	11	11	12	12	14	281
0104 wood products			47		47		35	32	36	28	25	22	20	32	26	18	25	17	20	22	25	17	21	515
010501 wood furniture			18		15		15	13	11	7	4	6	7	12	5	6	10	7	2	5		4	4	151
010502 metal furniture			2		1			2	1			1				4	3			1	1	2	2	20
010503 fittings			5		7		2	3	2	4	1			1	2	2	3	2		2	6	2		44
010509 other furniture			6		12		7	3	9	8	4	6	3	9	4	3	2	3	1	2	3	3	3	91
0105 furniture			31		35		24	21	23	19	9	13	10	22	11	15	18	12	3	10	10	11	9	306
010601 pulp/paper			14		14		11	8	8	6	3	9	9	7	12	7	8	9	6	8	5	6	5	155
010602 paper processing products			40		24		40	28	36	28	24	32	25	33	20	17	24	17	24	21	25	25	23	506
010609 other pulp/paper processing products			15		9		11	9	10	10	6	6	7	9	9	9	10	7	6	11	10	7	11	172
0106 pulp/paper processing products			69		47		62	45	54	44	33	47	41	49	41	33	42	33	36	40	40	38	39	833
010701 printing service			37		31		19	29	45	23	29	20	22	16	16	20	15	19	18	27	29	22	22	459
010702 bookbinding			9		2		3	8	4	7	3	1	4	3	6	7	3	2	4	6	2	1	5	80
010709 other printing and bookbinding			7		8		4	2	4	7	4	4	4	2	1	3	4	3	6	8	2	4	5	82
0107 printing/bookbinding			53		41		26	39	53	37	36	25	30	21	23	30	22	24	28	41	33	27	32	621
010801 non organic or organic chemical products			22		22		23	26	23	26	15	11	17	7	9	15	9	17	12	19	13	14	18	318
010802 chemical fiber			2				2	2	4	2		2	2	4	5	1	1	2	2	3			1	35

010803 pharmaceuticals			9		10		9	17	16	10	11	16	12	14	10	6	6	7	8	14	8	24	10	217
010804 petroleum/coal products			4		2		5	6	1	3	3	3	3	3	6	2	3	1	6	2	2	3	2	60
010805 plastics products			79		58		40	53	59	52	46	58	61	60	47	46	64	47	53	64	48	53	62	1,050
010806 rubber products			15		15		15	20	14	16	10	10	20	15	14	12	8	2	12	10	8	11	7	234
010807 leather products			6		6		2	2	2	3		1	2	3	1	1		1		1		2		33
010808 painting products			9		9		1	7	6	6	3	3	7	5	1	2	3	2	4	9	6	5	7	95
010809 chemical fertilizer products			7		5		5	6	7	10	4	7	6	4	5	6	6	6	4	6	2	2	1	99
010899 other chemical products			24		26		23	28	26	22	21	21	24	23	24	24	16	18	25	31	27	26	43	472
0108 chemical products			177		153		125	167	158	150	113	132	154	138	122	115	116	103	126	159	114	140	151	2,613
010901 cement products			61		30		31	28	41	30	9	16	21	19	19	18	17	16	18	23	17	18	26	458
010902 glass products			7		11		10	9	12	7	4	10	4	6	6	3	1	5	3	3	4	4	10	119
010903 pottery products			9		6		4	9	1	2	3	3	2	3	12	2	2	3	2	5	4	3	4	79
010904 fire resisting products			3					3	2			1	1	3	2	1	1	1		2		1		21
010905 other ceramic products			3		3		2	6	4	2	3	1		2	2	2	1	1	1	1		2		36
010909 other sand and stone products			26		25		20	24	22	18	14	17	9	16	13	12	17	27	8	2	17	11	15	313
0109 sand and stone products			109		75		67	79	82	59	33	48	37	49	54	38	39	53	32	36	42	39	55	1,026
011001 steel/iron/rolling products			6		8		6	11	9	8	3	4	4	6	6	9	5	1	5	2	10	7	7	117

011002 casting products			24		19		20	12	10	21	7	12	10	9	13	14	11	10	9	12	11	11	12	247
011009 other steel products			14		18		15	13	13	15	8	7	8	9	6	12	9	10	5	12	6	8	6	194
0110 steel making			44		45		41	36	32	44	18	23	22	24	25	35	25	21	19	26	27	26	25	558
011101 nonferrous metals/rolling products			4		3		4	6	3	6	4	2	4	4	4	4	3	6	4	5	3	5	5	79
011102 nonferrous metals casting products			9		2		6	8	10	5	5	3	2	1	6	3	3	2	1	3	7	2	7	85
011109 other nonferrous metal products			10		10		12	5	13	16	11	6	5	5	2	2	9	6	2	5	8	12	10	149
0111 nonferrous metal making			23		15		22	19	26	27	20	11	11	10	12	9	15	14	7	13	18	19	22	313
011201 western tableware/cutting tool products			5		2		3	2	2	1		3	4	1	2		1	3	3	2	1	2	2	39
011202 screw products			11		7		7	10	6	9	7	1	1	2	4	8	1	4	1	4	7	1	1	92
011203 metal press products			17		15		28	19	20	31	12	12	10	11	10	19	9	11	16	13	7	7	16	283
011204 metal plating products			22		16		15	15	14	23	7	8	16	12	6	12	5	7	7	14	6	3	11	219
011209 other metal products			209		220		179	189	218	182	129	126	155	123	119	135	152	122	112	116	124	109	122	2,841
0112 metal products			264		260		232	235	260	246	155	150	186	149	141	174	168	147	139	149	145	122	152	3,474
011301 machine products			106		63		74	84	98	75	56	52	60	47	49	50	40	39	51	56	41	42	64	1,147
011302 measuring instruments			4		7		6	2	1	2	4	4	5	7	4	3	4	1	5	1	3	1	4	68
011303 optical instruments			2		2		2	2	2	3	3	1	3	2	2		3	2	2	3	2		3	39

011304 watch products				1				1							1				1				4
011305 other precision machine products			20	13		13	10	17	15	7	7	8	7	4	14	8	7	10	9	13	10	7	199
0113 machine products			132	86		95	98	119	95	70	64	76	63	59	68	55	49	68	70	59	53	78	1,457
011401 heavy electrical equipment			2	5		6	7	3	8	4	9	5	9	6	3	2		9	4	4	5	2	93
011402 electrical appliance			11	12		9	12	11	15	5	11	13	8	10	5	9	10	9	13	6	4	6	179
011403 electronics equipment and telecommunications apparatus			32	20		26	33	29	24	20	15	20	16	12	18	21	15	12	14	12	14	29	382
011409 other electrical equipment			30	36		23	41	46	44	28	35	22	24	18	27	24	35	17	27	21	19	31	548
0114 electrical equipment products			75	73		64	93	89	91	57	70	60	57	46	53	56	60	47	58	43	42	68	1,202
011501 ship building			18	8		18	14	10	6	11	11	10	9	2	17	10	8	11	15	17	13	6	214
011502 auto mobile products			60	50		75	82	78	84	43	46	52	37	46	38	37	45	48	62	69	42	52	1,046
011503 railway vehicle products			2	4		3	2	1	1	2						1		4	1		1		22
011509 other transport equipment products			16	12		14	17	18	13	8	9	10	4	7	7	9	10	8	16	7	5	9	199
0115 transport equipment products			96	74		110	115	107	104	64	66	72	50	55	62	57	63	71	94	93	61	67	1,481
011601 electric utility service						2	2	1	1		1			2		1	1		1	1			13



0203 other mining			1			1			2	1		2				1				1			9
02 mining			5	4		4	1	5	4	4	4	5		1	1	1		2	1	4	3	2	51
030101 hydroelectric plant construction work							1	1		1		1				1	1						7
030102 tunnel construction work			3			1	1	5		1		1	1				2		2	2			19
030103 subway construction work			1					1													1		3
030104 railway construction work			6	3		3	4	3	1	2	2		2	2	6	5	3		2	2	3	3	52
030105 bridge construction work			3	2		1	2	2	3		2	3		2	3	4		6	2		2	3	40
030106 road construction work			39	25		25	21	20	18	13	16	12	16	10	13	18	12	15	14	11	18	20	336
030107 river civil engineering work			2	6		4	4	5	2	3	6	1	6	4	2	3	2	8	7	4	3	8	80
030108 sand collapse prevention civil engineering work			2	2		3	2	2	4	4		1	1	1	2	1		2	1	2	1		31
030109 land consolidation civil engineering work			11	5		4	8	5	6	6	1	2	7	8	4	7	4	8	6	4	10	7	113
030110 water supply/sewage construction work			23	15		10	14	10	11	14	10	8	6	6	8	7	2	5	7	5	1	6	168
030111 port/seaside construction work			6	1		4		2	2	3	1	3	2	3	2	3	3	3		4	4	2	48

030199 other civil engineering work			91		65		53	39	49	51	43	55	43	53	52	44	48	36	36	47	45	36	52	938
0301 civil engineering work			187		124		108	96	105	98	90	93	75	94	89	84	96	65	84	88	79	79	101	1,835
030201 steel frame/reinforced concrete house construction work			92		72		85	68	86	62	65	35	44	42	55	54	40	36	31	38	53	37	30	1,025
030202 wooden house construction work			64		54		53	46	50	36	37	26	32	27	33	27	30	30	27	31	34	29	24	690
030203 building facility construction work			45		34		22	23	26	14	13	15	21	16	25	23	23	14	14	8	22	18	13	389
030209 other building construction work			114		106		80	106	92	112	90	94	79	84	82	91	74	67	74	73	90	106	84	1,698
0302 construction work			315		266		240	243	254	224	205	170	176	169	195	195	167	147	146	150	199	190	151	3,802
030301 electricity/telecommunication work			25		17		11	19	16	19	14	11	10	10	15	12	8	12	18	17	14	19	14	281
030302 machinery/apparatus setting work			23		21		21	20	14	20	14	16	15	13	15	9	8	14	17	9	12	13	14	288
030309 other construction works			49		46		48	46	51	41	47	42	40	33	49	42	39	51	49	58	62	61	57	911
0303 other construction works			97		84		80	85	81	80	75	69	65	56	79	63	55	77	84	84	88	93	85	1,480
03 construction			599		474		428	424	440	402	370	332	316	319	363	342	318	289	314	322	366	362	337	7,117
040101 railroad service			3		6		5	9	7	2	5	3	1	3	6	2	2	6	8	2	9	5	4	88









08 commerce			1,479	1,410	1,451	1,524	1,570	1,551	1,309	1,313	1,239	1,384	1,336	1,497	1,391	1,446	1,446	1,534	1,612	1,822	1,876	28,190
090101 banking/trust business			7	2	4	5	5	10	14	4	2	8	6	4	7	7	7	3	4	10	5	114
090102 stock/commodity trade business								1										1	1	1		4
090103 insurance business			2	5	9	6	9	10	8	8	3	5	9	5	4	5	6	6	14	8	4	126
090109 other financial business			2	1	3		3	1	3			2		2	2	3	3	1	2	3	3	34
0901 financial business			11	8	16	11	17	22	25	12	5	15	15	11	13	15	16	11	21	22	12	278
090201 traveling service			1	2			1	1	1	3	1	1	1	2		1	1	4	2			22
090209 other advertisement and mediator			5	4	5	7	9	10	5	2	9	5	3	6	8	5	6	5	10	7	8	119
0902 advertisement and mediator			6	6	5	7	10	11	6	5	10	6	4	8	8	6	7	9	12	7	8	141
09 financial business/advertisement			17	14	21	18	27	33	31	17	15	21	19	19	21	21	23	20	33	29	20	419
100101 movie production and delivery service			3		2	2		1	1	2		2	2	1				1	2	1	4	24
100102 movie theatre			1			2	1		1										1			6
100109 other movie/play service			4	4	3	2	4	3	1	1	4	3	3	2	7	3	2		1	2	3	52
1001 movie/play service			8	4	5	6	5	4	3	3	4	5	5	3	7	3	2	1	4	3	7	82
10 movie/play service			8	4	5	6	5	4	3	3	4	5	5	3	7	3	2	1	4	3	7	82
110101 telecommunication			2	17	101	90	101	94	85	104	88	99	86	95	116	112	131	119	76	100	97	1,713

service																								
1101 telecommunication service			2		17		101	90	101	94	85	104	88	99	86	95	116	112	131	119	76	100	97	1,713
11 telecommunication service			2		17		101	90	101	94	85	104	88	99	86	95	116	112	131	119	76	100	97	1,713
120101 auto mobile practical training			1		1		1	2	1	2	1			1			1			1	2		2	16
120102 software service			1		1			2	2	1		2	2			2	1		2		2		2	20
120109 other education/research service			20		21		13	20	24	28	24	20	23	12	14	12	23	15	24	26	32	19	23	393
1201 education/research service			22		23		14	24	27	31	25	22	25	13	14	14	25	15	26	27	36	19	27	429
12 education/research service			22		23		14	24	27	31	25	22	25	13	14	14	25	15	26	27	36	19	27	429
130101 hospital			61		52		38	51	58	42	51	37	45	43	28	41	39	46	45	48	46	61	66	898
130102 general clinic			3		4		5	5	5	4	4	1	3	4	5	3	3	6	8	6	5	13	7	94
130109 other medical treatment service			7		4		9	7	9	10	5	8	6	6	5	4	2	8	7	5	7	11	13	133
1301 medical treatment service			71		60		52	63	72	56	60	46	54	53	38	48	44	60	60	59	58	85	86	1,125
130201 social welfare facility			53		57		75	106	116	88	84	85	91	103	99	75	89	90	114	127	107	176	166	1,901
1302 social welfare facility			53		57		75	106	116	88	84	85	91	103	99	75	89	90	114	127	107	176	166	1,901
130301 bathhouse			2		3		5	4	3	2	2	4	4	1	1	3	1	4	4	11	5	1	4	64
130309 other health and hygiene service			3		2		8	3	3	4	4	5	5		5	4	1	3	2	6	6	3	2	69
1303 other health and			5		5		13	7	6	6	6	9	9	1	6	7	2	7	6	17	11	4	6	133

hygiene service																								
13 health and hygiene service			129		122		140	176	194	150	150	140	154	157	143	130	135	157	180	203	176	265	258	3,159
140101 hotel			81		74		67	78	79	87	69	53	59	57	51	55	49	69	75	55	77	49	45	1,229
1401 hotel			81		74		67	78	79	87	69	53	59	57	51	55	49	69	75	55	77	49	45	1,229
140201 general restaurant			135		137		120	153	155	129	138	162	147	147	142	154	171	198	169	153	178	173	191	2,952
140209 other restaurants			17		17		17	25	16	29	19	17	20	20	20	14	17	9	22	20	27	20	20	366
1402 restaurant			152		154		137	178	171	158	157	179	167	167	162	168	188	207	191	173	205	193	211	3,318
140301 golf course			23		16		8	22	32	26	20	16	22	25	20	14	20	20	10	26	16	17	30	383
140302 park and amusement park			8		4		5	7	6	9	6	6	11	12	7	7	8	10	10	10	16	4	6	152
140309 other amusement service			90		90		102	114	148	161	136	131	120	95	72	70	86	75	80	70	77	37	62	1,816
1403 other amusement service			121		110		115	143	186	196	162	153	153	132	99	91	114	105	100	106	109	58	98	2,351
14 amusement service			354		338		319	399	436	441	388	385	379	356	312	314	351	381	366	334	391	300	354	6,898
150101 building maintenance service			85		68		100	94	108	96	75	76	84	60	81	79	100	92	92	97	100	98	99	1,684
150102 industrial waste management service			94		92		98	89	103	102	92	96	93	99	99	81	88	99	104	114	135	152	96	1,926
150103 other waste disposal service			134		191		148	163	141	119	120	100	111	91	77	94	71	99	82	56	81	124	94	2,096
150104 cremation service			1				1			1						1		1						5
150105 livestock process service			1		2		1			1	1	3	1		1	1					1	3	3	19





























170101 dispatch service																								
1701 dispatch service																								
170201 security service						1																	1	
170202 information processing service																								
170209 others	1		2	1				1	1			2	1				1		1			1		12
1702 others	1		2	1		1		1	1			2	1				1		1			1		13
17 others	1		2	1		1		1	1			2	1				1		1			1		13
total	25	28	30	25	22	35	22	25	28	23	16	18	16	21	14	12	14	16	12	16	20	12	11	461

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>