

code no.222 forklift as Causal (S) agents

Fatal & non-fatal accidents caused by forklift 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			27		35		10	20	19	17	23	12	14	15	19	20	17	13	14	16	12	14	15	332
010102 fishery products			59		53		39	42	33	43	36	49	40	38	24	26	26	33	37	30	38	33	26	705
010103 agricultural food products			21		20		17	21	16	10	16	19	11	15	20	22	9	17	21	21	11	14	18	319
010104 bread/cake products			7		6		6	8	11	8	8	7	10	8	4	5	6	12	9	11	8	3	5	142
010105 alcoholic drinks			8		9		5	8	7	5	10	4	4	3	3	3	4	7	2	2	6	2	4	96
010106 soft drinks			6		11		6	4	15	8	8	7	9	4	7	8	3	4	4	7	2	5	10	128
010109 other foods			67		60		58	53	63	61	55	52	47	56	62	49	57	66	45	59	57	84	62	1,113
0101 food products			195		194		141	156	164	152	156	150	135	139	139	133	122	152	132	146	134	155	140	2,835
010201 silk-reeling			1		1																			2
010202 cotton-spinning			2		1		4	1	1	4							3		1					17
010203 weaving			1		2		4	2	2	1		1		2	3				3	3	1		1	26
010204 dyeing			4		1		1	1	6	3	1	1	2	1	2	2	2	3	3	2	1	1		37
010209 other textile products			7		6		7	10	10	2	3	5	2	1		7	3	2	4	4	6	5	3	87
0102 textile products			15		11		16	14	19	10	4	7	4	4	5	9	8	5	11	9	8	6	4	169
010301 over/under wear					2						1		1								1			5
010309 other fiber products			4		2		2	3	3	4	3	2	2	2			4	3	1	2	1			38
0103 fiber products			4		4		2	3	3	4	4	2	3	2			4	3	1	2	2			43
010401 lumbering			50		46		34	24	30	32	19	21	29	28	16	22	23	21	22	17	14	17	21	486

products			3	7		12	6	8	12	7	4	2	3	3	3	2	4	3	1	6	4	4	94
011002 casting products			12	9		8	6	20	11	3	9	12	8	3	8	7	7	7	7	10	6	7	160
011009 other steel products			10	2		8	6	4	9	11	8		7	5	5	5	2	9	5	4	6	3	109
0110 steel making			25	18		28	18	32	32	21	21	14	18	11	16	14	13	19	13	20	16	14	363
011101 nonferrous metals/rolling products			5	14		12	13	13	9	4	4	10	3	3	7	3	12	5	7	5	4	5	138
011102 nonferrous metals casting products			2	6		1	3	4	5	5	1	4	3	3	2	4	4	3	3	5	1	3	62
011109 other nonferrous metal products			9	5		7	6	6	12	1	5	3	9	6	4	7	4	4	9	6	7	3	113
0111 nonferrous metal making			16	25		20	22	23	26	10	10	17	15	12	13	14	20	12	19	16	12	11	313
011201 western tableware/cutting tool products			2	1		1	2		2	1					1	2		1	1				14
011202 screw products			2	2		5	2	4	1	1	2	1	4	2	2	3	1	2	4	3	2	1	44
011203 metal press products			19	12		22	15	18	11	16	14	12	9	8	14	8	14	12	12	19	12	13	260
011204 metal plating products			11	6		7	2	5	8	3	3	6	8	3	6	4	3	6	3	4	3	4	95
011209 other metal products			83	86		90	70	93	81	55	64	57	67	72	70	70	44	65	67	55	62	58	1,309
0112 metal products			117	107		125	91	120	103	76	83	76	88	85	93	87	62	86	87	81	79	76	1,722
011301 machine products			31	43		47	56	41	43	28	21	29	30	26	20	30	25	26	24	24	23	27	594
011302 measuring				1		1	1	1	2	1							1		1	1		1	11

instruments																								
011303 optical instruments			1				2	1		1						1								6
011304 watch products							1																	1
011305 other precision machine products			5		4		5	3	8	2		8	7	2	1		2	2	3	5	7	1	5	70
0113 machine products			37		48		53	63	51	47	30	29	36	32	27	20	33	28	29	30	32	24	33	682
011401 heavy electrical equipment			4		3		5	3		2	2		2	2	1	1		2			2		1	30
011402 electrical appliance			4		4		2	5	5	6	3	1	1	4	3	3	2	2	2	6	6		2	61
011403 electronics equipment and telecommunications apparatus			9		5		2	5	5	3	4	4	2	4	1	3	3	2	3	2		6	4	67
011409 other electrical equipment			16		17		21	20	10	14	11	7	11	6	3	6	6	6	10	13	14	11	5	207
0114 electrical equipment products			33		29		30	33	20	25	20	12	16	16	8	13	11	12	15	21	22	17	12	365
011501 ship building			13		9		10	13	13	11	7	8	8	10	1	9	7	4	6	4	7	7	6	153
011502 auto mobile products			71		71		70	72	80	86	39	38	51	54	47	41	43	43	45	57	41	32	55	1,036
011503 railway vehicle products							1	1	3	1	3		1				1	1				1		13
011509 other transport equipment products			7		17		10	11	14	13	6	8	14	6	11	5	6	4	7	7	13	10	10	179
0115 transport equipment			91		97		91	97	110	111	55	54	74	70	59	55	57	52	58	68	61	50	71	1,381

construction work																								
030111 port/seaside construction work				1		1			1	1				1	1									6
030199 other civil engineering work			5	6		8	8	7	7	6	3	7	4	6	5	4	3	5	7	9	3	7	110	
0301 civil engineering work			10	9		14	11	9	11	8	6	11	4	9	8	9	3	8	7	10	8	12	167	
030201 steel frame/reinforced concrete house construction work			18	11		6	16	15	12	7	5	5	11	12	5	12	5	12	9	10	7	6	184	
030202 wooden house construction work			7	4		8	3	5	2	4	6	6	4	3	2	2	3	4	5	3	2	2	75	
030203 building facility construction work			3			4	4	6	2		2	3	3	3	3	2	2	3	5	2	2	6	55	
030209 other building construction work			16	17		21	15	13	11	8	11	13	11	19	14	7	15	10	16	25	26	18	286	
0302 construction work			44	32		39	38	39	27	19	24	27	29	37	24	23	25	29	35	40	37	32	600	
030301 electricity/telecommunication work			3	2		5	2	3		2	1	2	4	1	1	3	2	2	4	1	4		42	
030302 machinery/apparatus setting work			6	20		10	16	12	14	12	8	9	6	12	6	5	7	5	8	8	4	8	176	
030309 other construction works			6	5		14	4	9	11	6	4	6	9	11	10	11	15	12	10	13	11	10	177	
0303 other construction			15	27		29	22	24	25	20	13	17	19	24	17	19	24	19	22	22	19	18	395	

works																								
03 construction			69		68		82	71	72	63	47	43	55	52	70	49	51	52	56	64	72	64	62	1,162
040101 railroad service			2		1		1	1			4	1		1		1		1	1	1		3	2	20
040102 water transportation service			1		1							2		1			3		2			3		13
040103 airline service			1						1		1	1				1			2			1		8
0401 railroad/water transportation/airline service			4		2		1	1	1		5	4		2		2	3	1	5	1		7	2	41
040201 taxi service							2	2			1				1					2			1	9
040202 bus service			1							1		1	2				1				1			7
040209 other passenger transport service									1				2											3
0402 road passenger transport service			1				2	3		1	1	1	4		1		1			2	1		1	19
040301 general truck transportation service			779		762		757	810	742	670	608	583	640	603	551	560	567	587	585	665	632	581	605	12,287
040302 specific truck transportation service			22		31		19	18	20	17	13	17	20	11	17	14	16	10	18	14	14	11	14	316
040303 cargo/ light automobile transportation service			2		5		2	7	4	3	1	4	4	2	1	1	2	5	6	5	5	4	2	65
040309 other land cargo transportation service			18		26		32	20	25	17	11	18	16	16	9	17	15	13	18	24	10	8	16	329
0403 road cargo			821		824		810	855	791	707	633	622	680	632	578	592	600	615	627	708	661	604	637	12,997

transportation service																								
040409 other transportation service			3		1			2	5	2	4	1	3	4	2	1	2	1	3	1		1	1	37
0404 other transportation service			3		1			2	5	2	4	1	3	4	2	1	2	1	3	1		1	1	37
04 transportation service			829		827		813	861	797	710	643	628	687	638	581	595	606	617	635	712	662	612	641	13,094
050101 land cargo handling service			164		156		168	186	166	162	119	138	145	130	155	147	142	156	153	166	181	185	146	2,965
0501 land cargo handling service			164		156		168	186	166	162	119	138	145	130	155	147	142	156	153	166	181	185	146	2,965
050201 general harbor transportation service			10		15		10	8	6	11	5	6	7	6	8	3	3	2	5	7	2	9	7	130
050202 port cargo handling service			48		40		30	34	31	28	23	20	21	29	29	20	24	23	22	26	18	20	36	522
050209 other harbor transportation service			1		5		4	1	5	3	1	1	1	2	3	2	2	2	4		4		1	42
0502 port cargo transportation service			59		60		44	43	42	42	29	27	29	37	40	25	29	27	31	33	24	29	44	694
05 cargo handling service			223		216		212	229	208	204	148	165	174	167	195	172	171	183	184	199	205	214	190	3,659
060101 agriculture			10		6		9	5	7	5	10	11	14	8	14	9	8	16	18	14	20	15	13	212
0601 agriculture			10		6		9	5	7	5	10	11	14	8	14	9	8	16	18	14	20	15	13	212
060201 lumbering					1		1	1	1	1	2	1		1	1			2		1				13
060209 other forestry			4				1		1							1		1	2		1		1	12
0602 forestry			4		1		2	1	2	1	2	1		1	1	1		3	2	1	1		1	25

080401 warehousing			81		106		93	88	100	87	96	63	78	73	85	77	75	102	94	82	97	100	89	1,666
080409 other commerce			16		26		19	17	22	25	17	15	24	17	14	19	15	30	23	20	18	19	19	375
0804 other commerce			97		132		112	105	122	112	113	78	102	90	99	96	90	132	117	102	115	119	108	2,041
08 commerce			358		369		366	363	385	360	293	274	308	284	276	282	278	333	321	299	354	315	343	6,161
090101 banking/trust business								3	1	2						1			1	1				9
090102 stock/commodity trade business																								
090103 insurance business														2										2
090109 other financial business			1													1			1				2	5
0901 financial business			1					3	1	2				2		2			2	1			2	16
090201 traveling service																							1	1
090209 other advertisement and mediator			1		1		1	2	1	1	1	2	2	2	1	1	1	1	2	2	3		1	26
0902 advertisement and mediator			1		1		1	2	1	1	1	2	2	2	1	1	1	1	2	2	3		2	27
09 financial business/advertisement			2		1		1	5	2	3	1	2	2	4	1	3	1	1	4	3	3		4	43
100101 movie production and delivery service														1									1	2
100102 movie theatre																								
100109 other movie/play service															1		1			1				3

130309 other health and hygiene service			1																	1			2
1303 other health and hygiene service			1																1	1			3
13 health and hygiene service			1	1	2			1			2	2	1	3	2	2	2	4	3	3	3	3	32
140101 hotel					1	1						1											3
1401 hotel					1	1						1											3
140201 general restaurant			1								1	1			1				1	1			6
140209 other restaurants								2	1														3
1402 restaurant			1					2	1		1	1			1				1	1			9
140301 golf course					1				1		1			1						1	1		6
140302 park and amusement park								2				1				1							4
140309 other amusement service			1		1					1	1					2				1			7
1403 other amusement service			1		2		2		1	1	2	1		1		3					2	1	17
14 amusement service			2		3	1	4	1	1	1	3	3		1	1	3				1	3	1	29
150101 building maintenance service			9	7	8	6	2	6	2	4	5	2	5	3	8	4	2	6	8	6	7		100
150102 industrial waste management service			32	36	38	32	26	40	32	39	37	49	46	40	54	43	47	44	39	42	42		758
150103 other waste disposal service			8	17	18	18	12	15	7	13	13	11	9	14	12	14	10	8	18	14	16		247

010509 other furniture																								
0105 furniture																								
010601 pulp/paper						1			1	1			1	1	1								6	
010602 paper processing products	2		1					1				1		1		1			1		1	2	11	
010609 other pulp/paper processing products			1			1																	2	
0106 pulp/paper processing products	2		2			1	1		1	1	1		1	1	2	1	1			1		1	2	19
010701 printing service			1	1	1						1						1	1		1				7
010702 bookbinding		1		1						1		1												4
010709 other printing and bookbinding																								
0107 printing/bookbinding		1	1	2	1					1	1	1					1	1		1				11
010801 non organic or organic chemical products			1			1																		2
010802 chemical fiber		1																						1
010803 pharmaceuticals					1						1													2
010804 petroleum/coal products																								
010805 plastics products	1	1				2		1	1		1						1	1		1			1	11
010806 rubber products	2				2	1	1			1							1							8
010807 leather products																								
010808 painting products							1																	1
010809 chemical fertilizer products																								
010899 other chemical products				1	1			1								1						1		5
0108 chemical products	3	2	1	1	4	4	2	2	1	1	2					1	2	1		1		1	1	30

010901 cement products	4	1	3	1			1			1		1	1		2	1			1	1			18	
010902 glass products			1				1																2	
010903 pottery products	1	1		1																			3	
010904 fire resisting products					1																		1	
010905 other ceramic products	1																						1	
010909 other sand and stone products			1		1			1							1								4	
0109 sand and stone products	6	2	5	2	2		2	1		1		1	1		3	1				1	1		29	
011001 steel/iron/rolling products			1			1		1	1		1	1		1								1	8	
011002 casting products		1	1										2			1	1						6	
011009 other steel products	1															1	1			1	1		5	
0110 steel making	1	1	2			1		1	1		1	1	2	1		2	2			1	1	1	19	
011101 nonferrous metals/rolling products	1			2			1								1							1	6	
011102 nonferrous metals casting products														1									1	
011109 other nonferrous metal products			1																				1	
0111 nonferrous metal making	1		1	2			1							1	1							1	8	
011201 western tableware/cutting tool products	1																						1	
011202 screw products																								
011203 metal press products			1		1							1										1	4	
011204 metal plating products														1									1	
011209 other metal products	1	1		3	1						1	2	3	1	2	1	1		1		2	1	1	22

work				1		1					1				1			1						6
030302 machinery/apparatus setting work			1	1	2	1		2	1		1						1	1						11
030309 other construction works	1					1	1	1	1	1								1			1		8	
0303 other construction works	1		1	2	2	3	1	3	2	1	2			1			2	1	2			1	25	
03 construction	5	4	4	4	2	5	3	5	5	1	3	2	2	2		1	3	4	5	2	1	3	2	68
040101 railroad service																								
040102 water transportation service																								
040103 airline service																								
0401 railroad/water transportation/airline service																								
040201 taxi service																								
040202 bus service																								
040209 other passenger transport service																								
0402 road passenger transport service																								
040301 general truck transportation service	9	10	1	5	10	6	8	12	6	6	4	4	3	5	4	8	3	5	3	4	2	7	1	126
040302 specific truck transportation service					1	1													1					3
040303 cargo/ light automobile transportation service						1										1								2
040309 other land cargo transportation									1		1								1					3

service																									
0403 road cargo transportation service	9	10	1	5	11	8	8	12	7	6	5	4	3	5	4	8	4	5	5	4	2	7	1	134	
040409 other transportation service			1							1														2	
0404 other transportation service			1							1														2	
04 transportation service	9	10	2	5	11	8	8	12	7	7	5	4	3	5	4	8	4	5	5	4	2	7	1	136	
050101 land cargo handling service	2	2	3	4	1	3	3	3	3			5	3	1		1		2	3	2	1	3	2	47	
0501 land cargo handling service	2	2	3	4	1	3	3	3	3			5	3	1		1		2	3	2	1	3	2	47	
050201 general harbor transportation service								1					1		1			1						4	
050202 port cargo handling service	1		3	2	1	2		4	1	1	1			1			2		2				1	22	
050209 other harbor transportation service		1																						1	
0502 port cargo transportation service	1	1	3	2	1	2		5	1	1	1		1	1	1		2	1	2				1	27	
05 cargo handling service	3	3	6	6	2	5	3	8	4	1	1	5	4	2	1	1	2	3	5	2	1	3	3	74	
060101 agriculture	1	2										1		1	1						3	1		10	
0601 agriculture	1	2										1		1	1						3	1		10	
060201 lumbering																									
060209 other forestry																		1						1	
0602 forestry																		1						1	
06 agriculture	1	2										1		1	1			1			3	1		11	
070101 livestock					2						2	1				1	1	1	2			2	1	13	
0701 livestock					2						2	1				1	1	1	2			2	1	13	
070201 fishery							1	1										1				1		4	

130102 general clinic																								
130109 other medical treatment service																								
1301 medical treatment service																								
130201 social welfare facility																								
1302 social welfare facility																								
130301 bathhouse																								
130309 other health and hygiene service																								
1303 other health and hygiene service																								
13 health and hygiene service																								
140101 hotel																								
1401 hotel																								
140201 general restaurant																								
140209 other restaurants																								
1402 restaurant																								
140301 golf course																								
140302 park and amusement park																								
140309 other amusement service																								
1403 other amusement service																								
14 amusement service																								
150101 building maintenance service							1																	1
150102 industrial waste management service	1	1	2		1	3	4	2		1	1	1	2	3	1	2	2	1	2	3	1		1	35
150103 other waste disposal service		1		2					1					1				1			1			7

150104 cremation service																									
150105 livestock process service																									
150109 other cleaning and livestock process service										2														2	
1501 commercial cleaning	1	2	2	2	1	3	5	2	1	3	1	1	2	4	1	2	2	2	2	3	2		1	45	
15 commercial cleaning	1	2	2	2	1	3	5	2	1	3	1	1	2	4	1	2	2	2	2	3	2		1	45	
160101 public office																									
1601 public office																									
16 public office																									
170101 dispatch service					1	1	1		1															4	
1701 dispatch service					1	1	1		1															4	
170201 security service							1				1	1												3	
170202 information processing service																									
170209 others	1	1		1	2	1	4	1			2	1				3	1	1		2	3			24	
1702 others	1	1		1	2	1	5	1			1	3	1			3	1	1		2	3			27	
17 others	1	1		1	3	2	6	1	1		1	3	1			3	1	1		2	3			31	
total	55	45	37	47	41	46	42	48	34	30	29	29	33	34	24	27	24	28	30	26	20	31	21	781	

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>

