

code no.222 forklift as Causal (S) agents

Fatal & non-fatal accidents caused by forklift as Causal (S) agents in 1999-2020

Industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
010101 meat/dairy products			27		35		10	20	19	17	23	12	14	15	19	20	17	13	14	16	12	14
010102 fishery products			59		53		39	42	33	43	36	49	40	38	24	26	26	33	37	30	38	33
010103 agricultural food products			21		20		17	21	16	10	16	19	11	15	20	22	9	17	21	21	11	14
010104 bread/cake products			7		6		6	8	11	8	8	7	10	8	4	5	6	12	9	11	8	3
010105 alcoholic drinks			8		9		5	8	7	5	10	4	4	3	3	3	4	7	2	2	6	2
010106 soft drinks			6		11		6	4	15	8	8	7	9	4	7	8	3	4	4	7	2	5
010109 other foods			67		60		58	53	63	61	55	52	47	56	62	49	57	66	45	59	57	84
0101 food products			195		194		141	156	164	152	156	150	135	139	139	133	122	152	132	146	134	155
010201 silk-reeling			1		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010202 cotton-spinning			2		1		4	1	1	4	0	0	0	0	0	0	3	0	1	0	0	0
010203 weaving			1		2		4	2	2	1	0	1	0	2	3	0	0	0	3	3	1	0
010204 dyeing			4		1		1	1	6	3	1	1	2	1	2	2	2	3	3	2	1	1
010209 other textile products			7		6		7	10	10	2	3	5	2	1	0	7	3	2	4	4	6	5
0102 textile products			15		11		16	14	19	10	4	7	4	4	5	9	8	5	11	9	8	6
010301 over/under wear			0		2		0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0
010309 other fiber products			4		2		2	3	3	4	3	2	2	2	0	0	4	3	1	2	1	0

0103 fiber products			4	4	2	3	3	4	4	2	3	2	0	0	4	3	1	2	2	0
010401 lumbering			50	46	34	24	30	32	19	21	29	28	16	22	23	21	22	17	14	17
010402 plywood			12	12	8	16	13	8	15	6	5	6	9	5	10	6	8	6	6	13
010409 other lumber and wood products			28	24	39	30	27	27	15	12	18	26	17	24	16	21	16	16	15	17
0104 wood products			90	82	81	70	70	67	49	39	52	60	42	51	49	48	46	39	35	47
010501 wood furniture			1	3	5	2	4	4	5	3	3	4	2	3	1	4	2	5	3	2
010502 metal furniture			2	1	0	0	1	0	1	2	1	0	1	1	1	1	1	0	0	0
010503 fittings			3	1	0	0	0	3	0	0	2	0	1	1	1	1	1	1	0	0
010509 other furniture			1	1	4	5	1	2	1	3	2	2	6	1	2	0	2	3	4	1
0105 furniture			7	6	9	7	6	9	7	8	8	6	10	6	5	6	6	9	7	3
010601 pulp/paper			14	7	11	13	10	12	7	8	6	7	11	14	8	7	5	5	5	6
010602 paper processing products			42	60	43	33	42	39	33	26	30	33	16	27	28	24	22	22	32	29
010609 other pulp/paper processing products			12	16	7	9	18	10	13	8	10	4	7	8	7	10	8	4	15	5
0106 pulp/paper processing products			68	83	61	55	70	61	53	42	46	44	34	49	43	41	35	31	52	40
010701 printing service			15	23	25	20	19	22	16	6	8	14	10	18	15	12	15	10	11	5
010702 bookbinding			3	5	10	3	4	14	9	10	5	8	3	1	8	2	4	7	4	3
010709 other printing and bookbinding			4	2	5	4	3	5	1	5	3	0	2	0	3	1	3	3	1	2

0107 printing/bookbinding			22		30		40	27	26	41	26	21	16	22	15	19	26	15	22	20	16	10
010801 non organic or organic chemical products			14		16		21	19	8	8	7	6	12	6	10	10	12	6	18	7	13	5
010802 chemical fiber			0		1		2	1	0	4	1	0	1	1	1	2	3	2	2	0	0	0
010803 pharmaceuticals			2		1		5	3	9	3	1	4	2	2	5	2	3	0	3	1	4	3
010804 petroleum/coal products			4		1		3	1	1	2	1	1	4	2	2	0	4	2	1	2	0	1
010805 plastics products			47		30		45	37	51	44	26	36	36	31	34	37	28	50	45	41	30	22
010806 rubber products			6		12		8	10	8	13	7	7	4	5	1	3	5	8	2	3	7	5
010807 leather products			2		3		2	2	3	3	0	1	2	2	1	0	1	1	4	0	3	2
010808 painting products			2		2		3	3	3	3	1	1	4	1	0	2	1	4	2	1	1	3
010809 chemical fertilizer products			6		0		6	9	2	5	4	2	4	0	4	3	2	3	0	3	4	3
010899 other chemical products			22		17		12	15	13	14	13	16	12	12	14	12	11	8	19	16	10	11
0108 chemical products			105		83		107	100	98	99	61	74	81	62	72	71	70	84	96	74	72	55
010901 cement products			45		35		41	29	23	24	19	15	13	19	23	27	11	22	16	20	18	20
010902 glass products			3		7		8	7	3	3	7	6	3	1	4	2	3	4	6	5	2	2
010903 pottery products			1		3		1	3	2	6	3	1	0	2	3	3	0	1	3	2	3	1
010904 fire resisting products			3		5		5	1	3	1	1	3	1	0	2	0	1	2	0	1	1	0
010905 other ceramic products			2		3		1	3	1	2	0	1	3	3	1	1	1	1	0	1	1	2

010909 other sand and stone products			24	8		17	16	14	15	14	8	5	13	10	7	11	12	6	12	7	8
0109 sand and stone products			78	61		73	59	46	51	44	34	25	38	43	40	27	42	31	41	32	33
011001 steel/iron/rolling products			3	7		12	6	8	12	7	4	2	3	3	3	2	4	3	1	6	4
011002 casting products			12	9		8	6	20	11	3	9	12	8	3	8	7	7	7	7	10	6
011009 other steel products			10	2		8	6	4	9	11	8	0	7	5	5	5	2	9	5	4	6
0110 steel making			25	18		28	18	32	32	21	21	14	18	11	16	14	13	19	13	20	16
011101 nonferrous metals/rolling products			5	14		12	13	13	9	4	4	10	3	3	7	3	12	5	7	5	4
011102 nonferrous metals casting products			2	6		1	3	4	5	5	1	4	3	3	2	4	4	3	3	5	1
011109 other nonferrous metal products			9	5		7	6	6	12	1	5	3	9	6	4	7	4	4	9	6	7
0111 nonferrous metal making			16	25		20	22	23	26	10	10	17	15	12	13	14	20	12	19	16	12
011201 western tableware/cutting tool products			2	1		1	2	0	2	1	0	0	0	0	1	2	0	1	1	0	0
011202 screw products			2	2		5	2	4	1	1	2	1	4	2	2	3	1	2	4	3	2
011203 metal press products			19	12		22	15	18	11	16	14	12	9	8	14	8	14	12	12	19	12

011204 metal plating products			11	6	7	2	5	8	3	3	6	8	3	6	4	3	6	3	4	3
011209 other metal products			83	86	90	70	93	81	55	64	57	67	72	70	70	44	65	67	55	62
0112 metal products			117	107	125	91	120	103	76	83	76	88	85	93	87	62	86	87	81	79
011301 machine products			31	43	47	56	41	43	28	21	29	30	26	20	30	25	26	24	24	23
011302 measuring instruments			0	1	1	1	1	2	1	0	0	0	0	0	0	1	0	1	1	0
011303 optical instruments			1	0	0	2	1	0	1	0	0	0	0	0	1	0	0	0	0	0
011304 watch products			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011305 other precision machine products			5	4	5	3	8	2	0	8	7	2	1	0	2	2	3	5	7	1
0113 machine products			37	48	53	63	51	47	30	29	36	32	27	20	33	28	29	30	32	24
011401 heavy electrical equipment			4	3	5	3	0	2	2	0	2	2	1	1	0	2	0	0	2	0
011402 electrical appliance			4	4	2	5	5	6	3	1	1	4	3	3	2	2	2	6	6	0
011403 electronics equipment and telecommunications apparatus			9	5	2	5	5	3	4	4	2	4	1	3	3	2	3	2	0	6
011409 other electrical equipment			16	17	21	20	10	14	11	7	11	6	3	6	6	6	10	13	14	11
0114 electrical equipment			33	29	30	33	20	25	20	12	16	16	8	13	11	12	15	21	22	17

products																						
011501 ship building			13		9		10	13	13	11	7	8	8	10	1	9	7	4	6	4	7	7
011502 auto mobile products			71		71		70	72	80	86	39	38	51	54	47	41	43	43	45	57	41	32
011503 railway vehicle products			0		0		1	1	3	1	3	0	1	0	0	0	1	1	0	0	0	1
011509 other transport equipment products			7		17		10	11	14	13	6	8	14	6	11	5	6	4	7	7	13	10
0115 transport equipment products			91		97		91	97	110	111	55	54	74	70	59	55	57	52	58	68	61	50
011601 electric utility service			0		0		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
011602 city gas service			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011603 city water service			0		0		0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
011609 other electric/gas/water service			0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0116 electric/gas/water service			0		1		0	0	0	0	2	1	0	0	0	0	0	0	1	0	0	0
011701 auto mobile servicing			15		10		16	10	12	11	9	6	9	9	8	9	6	7	5	9	7	6
011702 machine repair			5		9		7	10	8	6	6	9	6	5	3	5	4	5	1	2	5	3
011703 cleaning			1		2		2	3	0	0	1	0	0	1	1	3	0	1	1	1	3	1
011704 tobacco products			0		1		0	0	1	1	2	0	0	0	0	1	0	1	0	0	0	0
011709 other manufacturing			46		41		50	56	43	53	48	43	46	40	47	43	34	36	31	32	47	39
0117 other manufacturing			67		63		75	79	64	71	66	58	61	55	59	61	44	50	38	44	62	49

030105 bridge construction work			0	0	1	1	1	0	0	1	0	0	1	1	1	0	0	0	0	1
030106 road construction work			3	0	2	1	1	2	0	1	3	0	1	0	0	0	2	0	1	1
030107 river civil engineering work			0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
030108 sand collapse prevention civil engineering work			0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
030109 land consolidation civil engineering work			2	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1
030110 water supply/sewage construction work			0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
030111 port/seaside construction work			0	1	1	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0
030199 other civil engineering work			5	6	8	8	7	7	6	3	7	4	6	5	4	3	5	7	9	3
0301 civil engineering work			10	9	14	11	9	11	8	6	11	4	9	8	9	3	8	7	10	8
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
030202 wooden house construction work			7	4	8	3	5	2	4	6	6	4	3	2	2	3	4	5	3	2

040202 bus service			1	0	0	0	0	0	1	0	1	2	0	0	0	1	0	0	0	1	0
040209 other passenger transport service			0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
0402 road passenger transport service			1	0	2	3	0	1	1	1	4	0	1	0	1	0	0	2	1	0	
040301 general truck transportation service			779	762	757	810	742	670	608	583	640	603	551	560	567	587	585	665	632	581	
040302 specific truck transportation service			22	31	19	18	20	17	13	17	20	11	17	14	16	10	18	14	14	11	
040303 cargo/ light automobile transportation service			2	5	2	7	4	3	1	4	4	2	1	1	2	5	6	5	5	4	
040309 other land cargo transportation service			18	26	32	20	25	17	11	18	16	16	9	17	15	13	18	24	10	8	
0403 road cargo transportation service			821	824	810	855	791	707	633	622	680	632	578	592	600	615	627	708	661	604	
040409 other transportation service			3	1	0	2	5	2	4	1	3	4	2	1	2	1	3	1	0	1	
0404 other transportation service			3	1	0	2	5	2	4	1	3	4	2	1	2	1	3	1	0	1	
04 transportation service			829	827	813	861	797	710	643	628	687	638	581	595	606	617	635	712	662	612	
050101 land cargo handling service			164	156	168	186	166	162	119	138	145	130	155	147	142	156	153	166	181	185	

08 commerce			358		369		366	363	385	360	293	274	308	284	276	282	278	333	321	299	354	315
090101 banking/trust business			0		0		0	3	1	2	0	0	0	0	0	1	0	0	1	1	0	0
090102 stock/commodity trade business			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
090103 insurance business			0		0		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
090109 other financial business			1		0		0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
0901 financial business			1		0		0	3	1	2	0	0	0	2	0	2	0	0	2	1	0	0
090201 traveling service			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
090209 other advertisement and mediator			1		1		1	2	1	1	1	2	2	2	1	1	1	1	2	2	3	0
0902 advertisement and mediator			1		1		1	2	1	1	1	2	2	2	1	1	1	1	2	2	3	0
09 financial business/advertisement			2		1		1	5	2	3	1	2	2	4	1	3	1	1	4	3	3	0
100101 movie production and delivery service			0		0		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
100102 movie theatre			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100109 other movie/play service			0		0		0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0
1001 movie/play service			0		0		0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0

10 movie/play service			0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0
110101 telecommunication service			0	0	0	1	2	2	1	4	3	3	2	2	3	0	0	1	2	2	
1101 telecommunication service			0	0	0	1	2	2	1	4	3	3	2	2	3	0	0	1	2	2	
11 telecommunication service			0	0	0	1	2	2	1	4	3	3	2	2	3	0	0	1	2	2	
120101 auto mobile practical training			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
120102 software service			0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
120109 other education/research service			0	2	0	0	0	2	2	1	0	1	0	1	0	0	0	0	1	0	0
1201 education/research service			0	2	0	0	0	2	3	1	0	1	0	1	0	0	1	2	0	0	
12 education/research service			0	2	0	0	0	2	3	1	0	1	0	1	0	0	1	2	0	0	
130101 hospital			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130102 general clinic			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130109 other medical treatment service			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1301 medical treatment service			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130201 social welfare facility			0	1	2	0	0	1	0	0	2	2	1	3	2	2	2	3	2	3	
1302 social welfare facility			0	1	2	0	0	1	0	0	2	2	1	3	2	2	2	3	2	3	

010802 chemical fiber	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010803 pharmaceuticals	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
010804 petroleum/coal products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010805 plastics products	1	1	0	0	0	2	0	1	1	0	1	0	0	0	0	0	1	1	0	1	0	0	0
010806 rubber products	2	0	0	0	2	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
010807 leather products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010808 painting products	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010809 chemical fertilizer products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010899 other chemical products	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0108 chemical products	3	2	1	1	4	4	2	2	1	1	2	0	0	0	0	1	2	1	0	1	0	1	1
010901 cement products	4	1	3	1	0	0	1	0	0	1	0	1	1	0	2	1	0	0	0	1	1	0	0
010902 glass products	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010903 pottery products	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010904 fire resisting products	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010905 other ceramic products	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010909 other sand and stone products	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0109 sand and stone products	6	2	5	2	2	0	2	1	0	1	0	1	1	0	3	1	0	0	0	1	1	0	0
011001 steel/iron/rolling products	0	0	1	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	1
011002 casting products	0	1	1	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	0	0	0	0
011009 other steel products	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0
0110 steel making	1	1	2	0	0	1	0	1	1	0	1	1	2	1	0	2	2	0	0	1	1	1	1

160101 public office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1601 public office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 public office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170101 dispatch service	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1701 dispatch service	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170201 security service	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
170202 information processing service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170209 others	1	1	0	1	2	1	4	1	0	0	0	2	1	0	0	0	3	1	1	0	2	3	
1702 others	1	1	0	1	2	1	5	1	0	0	1	3	1	0	0	0	3	1	1	0	2	3	
17 others	1	1	0	1	3	2	6	1	1	0	1	3	1	0	0	0	3	1	1	0	2	3	
total	55	45	37	47	41	46	42	48	34	30	29	29	33	34	24	27	24	28	30	26	20	31	

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

Return to <https://www.jisha.or.jp/english/statistics/2020eCSA.html>