

code no.529 other materials as Causal (S) agents

Fatal & non-fatal accidents caused by other materials 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			17		14		15	24	13	10	20	18	17	12	23	17	18	19	16	10	13	17
010102 fishery products			24		23		18	27	18	28	17	14	17	27	19	10	22	24	16	37	23	14
010103 agricultural food products			6		4		5	7	5	7	5	6	8	6	4	3	4	6	2	4	6	5
010104 bread/cake products			13		23		15	12	18	16	17	17	14	13	18	20	18	15	14	13	17	11
010105 alcoholic drinks			3		5		7	7	3	5	2	4	2	0	6	4	1	3	4	5	2	4
010106 soft drinks			4		4		2	1	1	2	3	2	3	2	1	0	1	6	3	2	0	3
010109 other foods			83		53		70	80	92	60	56	66	70	78	64	63	43	53	68	59	63	55
0101 food products			150		126		132	158	150	128	120	127	131	138	135	117	107	126	123	130	124	109
010201 silk-reeling			0		1		2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
010202 cotton-spinning			0		3		1	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0
010203 weaving			3		0		2	4	1	1	1	2	5	3	2	1	3	2	1	0	3	0
010204 dyeing			4		1		1	4	2	4	1	2	1	0	1	2	3	1	3	1	1	0
010209 other textile products			4		9		5	7	5	4	2	5	5	6	2	3	6	1	8	4	4	4
0102 textile products			11		14		11	15	8	10	4	9	11	9	7	6	12	4	12	6	8	4
010301 over/under wear			3		3		0	2	0	0	0	3	3	4	1	0	0	3	0	1	0	2
010309 other fiber products			9		2		4	10	5	6	3	7	3	6	6	6	2	3	4	6	8	2

0103 fiber products			12		5		4	12	5	6	3	10	6	10	7	6	2	6	4	7	8	4
010401 lumbering			4		4		6	3	2	2	2	2	2	4	1	1	2	3	3	0	2	0
010402 plywood			1		0		0	1	0	0	2	0	0	1	1	1	2	2	2	0	0	2
010409 other lumber and wood products			6		7		0	3	1	3	1	4	5	9	2	5	4	5	0	2	3	0
0104 wood products			11		11		6	7	3	5	5	6	7	14	4	7	8	10	5	2	5	2
010501 wood furniture			5		3		2	2	1	2	2	2	0	5	4	4	0	1	1	4	0	2
010502 metal furniture			0		1		0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
010503 fittings			3		8		3	4	1	4	2	5	1	3	0	1	1	0	1	0	2	0
010509 other furniture			2		4		4	3	2	0	2	0	1	1	1	2	2	1	0	3	0	4
0105 furniture			10		16		9	10	4	6	6	7	2	9	5	8	3	2	2	7	2	7
010601 pulp/paper			3		4		5	10	4	7	7	3	2	1	4	1	2	1	3	0	4	6
010602 paper processing products			14		23		20	20	19	11	13	12	14	17	11	10	18	7	9	17	7	5
010609 other pulp/paper processing products			3		5		7	10	4	8	2	4	3	2	5	2	4	3	4	3	8	1
0106 pulp/paper processing products			20		32		32	40	27	26	22	19	19	20	20	13	24	11	16	20	19	12
010701 printing service			14		11		13	13	12	10	12	11	8	8	10	10	11	9	8	5	12	7
010702 bookbinding			4		2		0	1	2	1	3	1	1	2	0	0	1	0	1	0	1	0
010709 other printing and bookbinding			4		2		4	1	2	1	2	3	2	1	1	0	1	0	1	2	1	0

0107 printing/bookbinding			22		15		17	15	16	12	17	15	11	11	11	10	13	9	10	7	14	7
010801 non organic or organic chemical products			3		5		6	8	4	4	3	3	9	3	5	4	2	5	6	3	4	3
010802 chemical fiber			0		0		0	1	0	1	1	2	0	0	0	1	1	1	0	0	1	0
010803 pharmaceuticals			3		2		2	1	3	3	1	2	7	1	3	1	2	0	2	2	1	3
010804 petroleum/coal products			0		2		0	2	2	0	2	1	1	1	1	1	1	3	3	0	2	0
010805 plastics products			31		28		22	25	35	37	26	29	27	23	26	20	27	19	31	15	20	22
010806 rubber products			13		5		8	11	9	7	6	14	5	8	7	9	3	3	10	3	6	2
010807 leather products			1		4		0	3	0	0	4	2	1	0	1	1	1	0	3	0	2	0
010808 painting products			1		0		1	2	0	0	0	1	0	0	0	2	0	0	0	1	0	0
010809 chemical fertilizer products			0		0		2	1	2	0	0	1	2	2	1	1	1	1	0	0	0	0
010899 other chemical products			2		8		9	8	11	7	9	10	9	6	8	12	9	5	4	8	6	9
0108 chemical products			54		54		50	62	66	59	52	65	61	44	52	52	47	37	59	32	42	39
010901 cement products			69		36		27	42	22	23	23	25	24	25	30	20	29	20	23	25	17	12
010902 glass products			32		36		31	32	25	26	14	18	26	22	18	11	11	11	12	14	15	11
010903 pottery products			8		4		5	5	1	1	1	1	0	2	4	4	3	2	0	1	1	3
010904 fire resisting products			4		0		0	1	5	0	1	0	2	1	0	1	1	2	1	1	0	0
010905 other ceramic products			4		3		7	0	6	3	4	2	1	1	3	0	5	1	2	0	1	2

010909 other sand and stone products			24		16		8	20	17	7	6	11	7	9	5	6	8	5	3	7	5	6
0109 sand and stone products			141		95		78	100	76	60	49	57	60	60	60	42	57	41	41	48	39	34
011001 steel/iron/rolling products			6		2		0	3	6	1	5	4	2	2	2	0	2	1	1	2	1	1
011002 casting products			8		6		8	8	7	4	3	5	9	3	3	3	1	6	6	5	1	4
011009 other steel products			4		4		1	2	0	1	1	1	3	2	2	2	1	0	1	2	2	3
0110 steel making			18		12		9	13	13	6	9	10	14	7	7	5	4	7	8	9	4	8
011101 nonferrous metals/rolling products			2		3		0	4	1	1	0	3	1	2	0	5	0	2	0	0	2	0
011102 nonferrous metals casting products			0		3		2	1	2	2	0	0	0	0	1	2	2	0	3	0	1	1
011109 other nonferrous metal products			3		3		4	4	4	7	2	4	2	3	1	1	1	1	3	0	0	1
0111 nonferrous metal making			5		9		6	9	7	10	2	7	3	5	2	8	3	3	6	0	3	2
011201 western tableware/cutting tool products			1		0		1	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1
011202 screw products			1		0		0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0
011203 metal press products			0		3		4	4	4	2	4	3	0	3	4	1	0	1	0	2	5	3

011204 metal plating products			0	2	2	4	4	2	1	1	1	4	0	1	1	1	0	3	1	3
011209 other metal products			42	33	27	26	18	27	25	29	23	19	18	16	27	16	19	18	18	15
0112 metal products			44	38	34	34	26	34	30	33	25	27	22	18	28	18	20	23	25	22
011301 machine products			15	15	10	14	13	13	11	11	15	7	9	12	7	2	7	8	3	6
011302 measuring instruments			2	0	0	1	0	0	3	0	2	0	1	0	1	1	0	0	0	0
011303 optical instruments			2	3	5	0	3	2	1	0	3	1	2	1	0	2	2	0	0	0
011304 watch products			1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
011305 other precision machine products			0	3	4	4	1	1	0	1	2	5	2	4	2	1	0	3	2	1
0113 machine products			20	21	19	19	17	16	15	12	24	13	14	17	10	6	9	11	5	7
011401 heavy electrical equipment			3	0	1	2	2	1	0	1	1	0	0	1	2	2	0	1	0	1
011402 electrical appliance			5	2	2	2	2	6	3	4	2	1	1	2	2	2	2	1	3	1
011403 electronics equipment and telecommunications apparatus			3	12	6	7	12	10	5	10	3	3	3	2	5	4	4	3	4	5
011409 other electrical equipment			13	14	6	7	20	7	4	9	8	5	3	3	3	5	9	0	7	2
0114 electrical equipment			24	28	15	18	36	24	12	24	14	9	7	8	12	13	15	5	14	9

products																						
011501 ship building			3		2		2	5	4	3	1	1	2	1	1	1	2	2	1	0	1	0
011502 auto mobile products			10		9		12	16	15	14	10	7	9	11	12	6	8	6	18	15	9	8
011503 railway vehicle products			0		1		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
011509 other transport equipment products			2		4		1	2	1	1	1	2	0	1	0	2	1	1	0	4	0	0
0115 transport equipment products			15		16		15	23	20	18	12	10	11	13	13	9	11	10	19	19	10	8
011601 electric utility service			0		0		2	0	0	0	0	0	0	1	0	0	1	0	1	0	0	
011602 city gas service			0		0		1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
011603 city water service			1		0		1	3	0	0	0	1	0	0	1	0	0	0	0	0	0	
011609 other electric/gas/water service			0		0		1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	
0116 electric/gas/water service			1		0		5	3	0	0	1	1	0	0	2	1	1	1	0	1	0	0
011701 auto mobile servicing			10		14		10	9	16	8	14	10	7	6	7	11	9	8	9	8	4	9
011702 machine repair			5		1		2	5	1	4	1	2	2	1	5	2	2	1	2	0	0	2
011703 cleaning			8		6		8	9	10	7	5	3	8	9	13	8	7	8	7	10	5	8
011704 tobacco products			0		1		1	0	0	0	0	2	0	0	0	0	0	1	0	0	0	
011709 other manufacturing			35		17		29	19	25	27	18	18	15	17	20	19	9	14	19	15	23	15
0117 other manufacturing			58		39		50	42	52	46	38	35	32	33	45	40	27	31	38	33	32	34

030105 bridge construction work			1	5	2	2	1	2	1	1	0	1	1	0	1	1	3	0	1	1
030106 road construction work			53	33	29	35	32	26	24	19	22	16	15	22	15	17	19	14	16	9
030107 river civil engineering work			26	10	7	7	8	6	4	6	1	6	4	6	4	4	3	3	4	3
030108 sand collapse prevention civil engineering work			4	3	1	3	2	4	1	0	5	5	0	2	0	1	2	1	1	1
030109 land consolidation civil engineering work			21	12	10	13	4	7	5	7	9	4	9	10	6	5	4	2	2	5
030110 water supply/sewage construction work			39	14	27	19	20	14	15	16	7	11	10	10	8	9	8	5	7	13
030111 port/seaside construction work			1	2	4	4	2	0	1	0	1	1	2	0	0	1	0	0	1	2
030199 other civil engineering work			107	77	44	56	60	44	41	42	42	50	35	38	38	26	32	29	34	36
0301 civil engineering work			258	161	128	142	132	107	96	93	91	94	80	90	74	65	74	56	74	70
030201 steel frame/reinforced concrete house construction work			72	80	73	78	74	70	38	42	48	56	60	64	52	51	37	42	35	50
030202 wooden house construction work			104	71	73	63	55	51	37	46	56	36	44	39	39	41	37	34	36	35

040202 bus service			3	3	1	3	6	3	0	5	1	2	3	5	2	0	1	0	0	2
040209 other passenger transport service			0	1	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	0
0402 road passenger transport service			4	6	2	9	6	7	3	6	7	6	5	7	8	1	3	3	1	5
040301 general truck transportation service			127	124	98	113	104	108	81	86	91	92	76	86	83	63	73	73	60	66
040302 specific truck transportation service			4	6	4	5	6	1	3	4	1	3	3	2	0	5	2	4	3	3
040303 cargo/ light automobile transportation service			0	0	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	0
040309 other land cargo transportation service			2	3	4	5	6	4	4	2	5	1	9	1	4	1	2	5	4	0
0403 road cargo transportation service			133	133	107	124	117	113	88	93	98	96	89	90	88	70	78	83	68	69
040409 other transportation service			1	3	1	1	0	4	1	2	1	0	1	1	1	0	0	0	0	1
0404 other transportation service			1	3	1	1	0	4	1	2	1	0	1	1	1	0	0	0	0	1
04 transportation service			140	144	111	137	124	126	93	102	107	107	96	103	101	72	81	89	71	77
050101 land cargo handling service			10	9	7	10	9	6	12	4	8	10	12	12	15	15	15	1	14	10

08 commerce			257		277		251	257	284	246	248	221	231	238	218	242	216	219	196	210	193	201
090101 banking/trust business			1		0		0	0	1	0	0	0	0	1	1	0	2	1	1	1	1	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	2	1	0	0	1	1	2	0	1	1	1	1	2	0	1
090109 other financial business			0		0		2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0
0901 financial business			1		0		2	3	2	0	0	3	1	3	1	1	3	2	2	3	1	1
090201 traveling service			1		0		0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
090209 other advertisement and mediator			1		3		2	4	0	2	0	2	1	2	1	3	2	0	1	1	3	0
0902 advertisement and mediator			2		3		2	4	0	2	0	2	2	3	1	3	2	0	1	1	3	0
09 financial business/advertisement			3		3		4	7	2	2	0	5	3	6	2	4	5	2	3	4	4	1
100101 movie production and delivery service			0		0		1	0	1	0	1	0	0	0	0	0	0	0	0	2	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			3		0		2	1	0	0	2	0	0	1	1	0	0	0	0	2	2	1
1001 movie/play service			3		0		3	1	1	0	3	0	0	1	1	0	0	0	0	4	2	1

10 movie/play service			3	0	3	1	1	0	3	0	0	1	1	0	0	0	0	4	2	1	
110101 telecommunication service			0	1	3	5	5	1	2	2	3	4	3	4	3	2	2	1	2	5	
1101 telecommunication service			0	1	3	5	5	1	2	2	3	4	3	4	3	2	2	1	2	5	
11 telecommunication service			0	1	3	5	5	1	2	2	3	4	3	4	3	2	2	1	2	5	
120101 auto mobile practical training			0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	
120102 software service			0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
120109 other education/research service			6	9	4	10	13	11	9	9	4	6	6	8	2	3	9	5	8	8	
1201 education/research service			6	9	4	10	14	11	9	9	4	6	6	8	3	4	10	6	8	8	
12 education/research service			6	9	4	10	14	11	9	9	4	6	6	8	3	4	10	6	8	8	
130101 hospital			17	19	11	18	17	11	10	12	10	8	12	5	11	5	7	11	8	16	
130102 general clinic			3	0	2	4	2	2	1	2	1	2	2	3	0	2	1	2	2	1	
130109 other medical treatment service			0	1	2	1	6	2	1	2	1	2	1	2	3	1	1	2	1	1	
1301 medical treatment service			20	20	15	23	25	15	12	16	12	12	15	10	14	8	9	15	11	18	
130201 social welfare facility			11	16	32	33	45	21	30	35	32	46	43	37	37	38	39	33	36	43	
1302 social welfare facility			11	16	32	33	45	21	30	35	32	46	43	37	37	38	39	33	36	43	

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1701 dispatch service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170201 security service	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1702 others	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 others	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	5	3	6	5	4	4	5	3	2	3	8	5	3	3	4	2	4	3	2	0	0	0	2

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>