

## code no.379 other tools as Causal (S) agents

## Fatal &amp; non-fatal accidents caused by other tools 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			33		43		39	37	54	49	46	44	44	40	45	48	33	59	61	59	60	65	67	926
010102 fishery products			90		71		88	78	79	67	49	67	62	60	58	56	72	74	68	43	52	53	60	1,247
010103 agricultural food products			21		19		31	25	30	43	24	18	27	23	20	28	24	22	24	30	31	26	23	489
010104 bread/cake products			33		39		37	43	51	52	41	49	40	50	51	61	74	62	64	61	61	62	70	1,001
010105 alcoholic drinks			10		2		7	5	4	5	7	2	10	8	4	5	5	10	9	10	8	5	5	121
010106 soft drinks			3		7		6	13	6	3	1	6	4	5	6	7	5	6	6	5	9	5	7	110
010109 other foods			162		192		215	231	201	260	215	230	240	207	213	199	234	243	251	224	277	253	235	4,282
0101 food products			352		373		423	432	425	479	383	416	427	393	397	404	447	476	483	432	498	469	467	8,176
010201 silk-reeling							1							2		1		1		1			1	7
010202 cotton-spinning			2		3		2	2	1	1		1	1	1	1					2	2		1	20
010203 weaving			3		4		1	3	6	2	5	2	5	2	3	2	4	1	3	2	2	3	1	54
010204 dyeing			7		4		8	4	5		2	4	3	1	1		4	5	3	3	5	2	2	63
010209 other textile products			10		8		9	15	7	8	14	7	6	6	7	8	4	5	7	4	9	8	6	148
0102 textile products			22		19		21	24	19	11	21	14	15	12	12	11	12	12	13	12	18	13	11	292
010301 over/under wear			7		5		8	7	10	5	3	3	4	5	5	4	4	3	2	1	4		4	84
010309 other fiber products			10		9		10	7	9	5	7	4	5	10	13	7	3	5	9	2	5	4	5	129
0103 fiber products			17		14		18	14	19	10	10	7	9	15	18	11	7	8	11	3	9	4	9	213
010401 lumbering			15		15		13	15	8	12	7	10	9	4	10	3	4	5	6	9	10	6	5	166





products			5		5		8	5	4	7	6	4	4	6	6	4	7	7	1	7	5	6	3	100
011002 casting products			27		14		12	14	21	19	11	20	19	17	16	14	14	17	18	15	10	5	15	298
011009 other steel products			6		5		8	5	5	8	5	7	3	5	6	3	7	2	1	4	6	4	2	92
0110 steel making			38		24		28	24	30	34	22	31	26	28	28	21	28	26	20	26	21	15	20	490
011101 nonferrous metals/rolling products			4		5		7	7	4	1	2	1		2	2	3	4	3	3	4	3	8	5	68
011102 nonferrous metals casting products			4		7		1	5	5	9	4	2	5	9	6	1	8	5	5	4	5	3	4	92
011109 other nonferrous metal products			9		7		4	4	12	7	1	1	5	11	4	5	6	8	4	5	3	7	3	106
0111 nonferrous metal making			17		19		12	16	21	17	7	4	10	22	12	9	18	16	12	13	11	18	12	266
011201 western tableware/cutting tool products			1				1	1	5	1		1	1	2			2	1	2	2	1	2	2	25
011202 screw products			1		2		1	2	2	3	2	2		3	1	1	4		1	4	1	1	2	33
011203 metal press products			17		14		16	16	13	15	11	9	16	11	11	12	16	12	11	13	13	8	14	248
011204 metal plating products			7		7		12	7	13	8	9	6	10	8	7	7	9	6	10	5	11	2	6	150
011209 other metal products			138		111		132	145	137	150	89	91	95	71	82	89	102	97	98	84	89	94	88	1,982
0112 metal products			164		134		162	171	170	177	111	109	122	95	101	109	133	116	122	108	115	107	112	2,438
011301 machine products			53		43		62	59	58	64	41	45	55	43	46	53	42	31	38	49	47	51	56	936
011302 measuring			4		1		2	1	2	2	3	3	2	1	2	1	1	1	1	1	5	1	2	36

instruments																								
011303 optical instruments			1	1	4	1	6	2	3		4	1	1	3	1	1	5	1	3				38	
011304 watch products														1									1	
011305 other precision machine products			8	12	4	10	11	7	3	2	9	11	3	3	8	3	8	6	6	6	7		127	
0113 machine products			66	57	72	70	72	79	49	53	66	59	53	58	54	36	48	61	59	61	65		1,138	
011401 heavy electrical equipment			4	3	1	3	1	5		4	8	9	4	4	6	3	5	2	2	2	2		68	
011402 electrical appliance			10	7	10	4	7	14	4	5	8	7	3	3	4	6	5	7	5	4	9		122	
011403 electronics equipment and telecommunications apparatus			11	13	11	8	14	11	8	12	7	7	11	13	10	13	10	8	16	11	11		205	
011409 other electrical equipment			17	14	23	25	24	23	10	12	16	12	11	10	16	21	16	15	23	18	19		325	
0114 electrical equipment products			42	37	45	40	46	53	22	33	39	35	29	30	36	43	36	32	46	35	41		720	
011501 ship building			25	15	22	16	27	32	27	27	14	12	14	11	15	14	7	15	19	14	10		336	
011502 auto mobile products			53	57	56	69	54	57	31	45	43	52	43	43	44	40	53	57	59	48	43		947	
011503 railway vehicle products			2	3	1	2	2	2	3			2			3	5	2	4	2	1	2		36	
011509 other transport equipment products			13	13	6	8	6	6	10	10	10	8	5	15	9	12	9	6	10	6	16		178	
0115 transport equipment			93	88	85	95	89	97	71	82	67	74	62	69	71	71	71	82	90	69	71		1,497	



020302 petroleum mining																							1	1
020309 other mining							1	1										1					2	5
0203 other mining							1	1										1					3	6
02 mining			4		7		7	6	7	5	3	2	1	1	1	4	2	1	4	3	1	2	9	70
030101 hydroelectric plant construction work			1							1					1		2	1				1	1	8
030102 tunnel construction work			2		4		2	5	1	2		1		2	1			2	2	4	1	1	2	32
030103 subway construction work					1															1				2
030104 railway construction work			1		1		1	2	6	2	2	1	1	1	3	1	4	1		2	5	4	5	43
030105 bridge construction work			4		3		5	5	5	6	5	3	2		3			3	1	2	1		3	51
030106 road construction work			22		15		23	12	9	15	11	11	16	11	10	9	11	9	6	11	9	11	16	237
030107 river civil engineering work			8		8		4	2	5	3	5	3	4	2	3	1	2	3	3		4	2	7	69
030108 sand collapse prevention civil engineering work			6		2		6	4	5	3	3	1	5	3	4	2	1	1	2	1	2	2	3	56
030109 land consolidation civil engineering work			8		6		3	6	6	10	3	3	2	4	2	8	4	2	3	3	7	3	4	87
030110 water supply/sewage			12		14		9	6	10	8	1	8	7	4	7	9	5	6	6	1	6	6	2	127

construction work																									
030111 port/seaside construction work			17		10		3	4	7	5	4	2	2	2	3	8	5	3	3	3	2	6	4	93	
030199 other civil engineering work			65		37		50	40	52	43	30	35	56	43	33	39	26	34	44	30	21	30	33	741	
0301 civil engineering work			146		101		106	86	106	98	64	68	95	72	69	78	58	66	71	58	58	66	80	1,546	
030201 steel frame/reinforced concrete house construction work			64		52		47	64	71	46	41	30	51	39	51	42	40	43	50	49	42	32	31	885	
030202 wooden house construction work			62		34		37	55	46	46	29	24	37	32	31	31	33	22	35	19	23	21	26	643	
030203 building facility construction work			15		26		14	21	16	18	14	12	6	8	10	9	9	11	13	17	4	18	5	246	
030209 other building construction work			62		53		51	57	64	66	40	48	46	52	46	50	39	50	46	42	48	56	58	974	
0302 construction work			203		165		149	197	197	176	124	114	140	131	138	132	121	126	144	127	117	127	120	2,748	
030301 electricity/telecommunication work			11		13		11	22	9	19	10	15	7	16	10	9	12	12	8	14	20	6	17	241	
030302 machinery/apparatus setting work			16		16		9	14	17	13	11	6	9	7	8	14	11	6	13	9	11	10	16	216	
030309 other construction works			31		30		32	28	23	31	27	17	28	22	19	24	24	37	32	31	35	24	45	540	
0303 other construction			58		59		52	64	49	63	48	38	44	45	37	47	47	55	53	54	66	40	78	997	



works																									
03 construction			407		325		307	347	352	337	236	220	279	248	244	257	226	247	268	239	241	233	278	5,291	
040101 railroad service			2		3		6	6	6	8	4	8	5	3	7	8	3	4	8	8	5	5	5	104	
040102 water transportation service			4		6		7	6	6	4	5	2	7	6	8	6	2	9	9	4	6	10	3	110	
040103 airline service			7		1		6	3	6		5	6	3	2	1	9	9	4	4	6	2	1	3	78	
0401 railroad/water transportation/airline service			13		10		19	15	18	12	14	16	15	11	16	23	14	17	21	18	13	16	11	292	
040201 taxi service			2		12		7	10	12	7	8	11	15	12	15	14	15	10	8	8	19	17	16	218	
040202 bus service			10		8		17	14	7	16	10	15	12	15	20	31	21	20	19	22	16	13	21	307	
040209 other passenger transport service					2		1	1		1	1	1	2				1		2	2		1		15	
0402 road passenger transport service			12		22		25	25	19	24	19	27	29	27	35	45	37	30	29	32	35	31	37	540	
040301 general truck transportation service			517		482		452	559	560	567	464	409	453	462	443	489	485	500	496	532	560	504	548	9,482	
040302 specific truck transportation service			16		21		21	15	20	17	9	9	11	17	10	13	17	13	13	11	24	19	14	290	
040303 cargo/ light automobile transportation service			4		4		4	6	4	6	1	1	4	3	5	4	4	5		4	3	5	3	70	
040309 other land cargo transportation service			14		15		14	19	15	19	7	16	9	12	15	14	9	11	10	13	12	14	15	253	
0403 road cargo			551		522		491	599	599	609	481	435	477	494	473	520	515	529	519	560	599	542	580	10,095	

transportation service																								
040409 other transportation service			5		1		2	3	3	2	1	1	2	2	1	3	1	2	3	4	5	4	7	52
0404 other transportation service			5		1		2	3	3	2	1	1	2	2	1	3	1	2	3	4	5	4	7	52
04 transportation service			581		555		537	642	639	647	515	479	523	534	525	591	567	578	572	614	652	593	635	10,979
050101 land cargo handling service			43		59		67	58	61	73	49	53	80	66	76	80	80	97	88	100	116	108	141	1,495
0501 land cargo handling service			43		59		67	58	61	73	49	53	80	66	76	80	80	97	88	100	116	108	141	1,495
050201 general harbor transportation service			10		7		5	5	4	5	1	1	3	3	4	4	2	6	4	3	2	4	4	77
050202 port cargo handling service			36		27		30	23	19	24	8	9	20	16	16	20	15	19	15	12	20	16	7	352
050209 other harbor transportation service			2				1	4	4		2	5	2	1	3	5	3	2	3	1	4	2	1	45
0502 port cargo transportation service			48		34		36	32	27	29	11	15	25	20	23	29	20	27	22	16	26	22	12	474
05 cargo handling service			91		93		103	90	88	102	60	68	105	86	99	109	100	124	110	116	142	130	153	1,969
060101 agriculture			13		18		20	21	27	19	22	34	29	30	29	24	22	24	34	39	46	33	47	531
0601 agriculture			13		18		20	21	27	19	22	34	29	30	29	24	22	24	34	39	46	33	47	531
060201 lumbering			26		18		21	18	15	15	8	13	12	5	12	12	9	11	7	5	11	14	2	234
060209 other forestry			12		14		10	6	7	5	5	9	7	4	11	2	5	3	4	5	4	7	1	121
0602 forestry			38		32		31	24	22	20	13	22	19	9	23	14	14	14	11	10	15	21	3	355

06 agriculture			51		50		51	45	49	39	35	56	48	39	52	38	36	38	45	49	61	54	50	886
070101 livestock			11		17		26	12	24	32	20	18	22	22	14	20	20	14	20	19	19	22	19	371
0701 livestock			11		17		26	12	24	32	20	18	22	22	14	20	20	14	20	19	19	22	19	371
070201 fishery			138		143		115	111	99	76	89	109	94	102	75	86	101	62	74	57	66	56	56	1,709
070209 other fishery			22		18		18	9	16	6	8	9	15	14	17	14	9	13	21	22	11	15	14	271
0702 fishery			160		161		133	120	115	82	97	118	109	116	92	100	110	75	95	79	77	71	70	1,980
07 livestock/fishery			171		178		159	132	139	114	117	136	131	138	106	120	130	89	115	98	96	93	89	2,351
080101 all kinds of wholesale			21		12		16	25	18	15	6	9	12	8	8	7	5	10	7	12	5	2	11	209
080102 furniture/fittings wholesale					3		2	1	3	4	2	1	1	3	1	1	3		1	2		2	2	32
080109 other wholesale			78		80		94	104	75	85	79	74	76	105	84	93	94	103	121	111	122	130	128	1,836
0801 wholesale			99		95		112	130	96	104	87	84	89	116	93	101	102	113	129	125	127	134	141	2,077
080201 all kinds of retail			143		201		172	181	185	161	156	145	142	117	146	122	107	86	113	124	118	103	123	2,645
080202 auto mobile retail			4		6		8	7	7	9	9	2	6	6	11	15	7	10	7	10	16	9	16	165
080203 furniture/fittings retail			6		3			8	3	5	7	6	7	5	5	3	3	4	4	7	6	3	10	95
080204 fuel retail			16		8		12	16	10	19	18	10	11	18	13	11	12	18	15	10	13	13	19	262
080205 newspaper retail			4		8		4	12	11	12	7	10	10	7	3	5	5	9	10	11	11	4	13	156
080209 other retails			152		215		231	262	240	292	264	264	304	326	357	400	382	429	526	533	578	572	613	6,940
0802 retail			325		441		427	486	456	498	461	437	480	479	535	556	516	556	675	695	742	704	794	10,263
080301 haircut			1						1	3		3	2	1	2	1	1	1	1	2	1		2	22
080302 beauty salon			6		7		8	7	7	6	2	8	6	3	5	10	7	5	5	9	8	15	13	137
0803 haircut/beauty salon			7		7		8	7	8	9	2	11	8	4	7	11	8	6	6	11	9	15	15	159

080401 warehousing			25		28		13	31	35	47	26	25	40	39	48	48	50	39	44	44	53	59	70	764
080409 other commerce			23		31		33	37	27	31	31	33	31	16	30	22	27	35	43	42	37	45	47	621
0804 other commerce			48		59		46	68	62	78	57	58	71	55	78	70	77	74	87	86	90	104	117	1,385
08 commerce			479		602		593	691	622	689	607	590	648	654	713	738	703	749	897	917	968	957	1,067	13,884
090101 banking/trust business			2		10		4	5	11	8	6	4	3	4	7	5	8	9	10	5	9	8	8	126
090102 stock/commodity trade business			2										1						1			1		5
090103 insurance business			9		9		11	18	20	11	9	15	9	11	5	10	8	7	11	11	17	9	14	214
090109 other financial business					2		1	1	1		1		1		1	2	2	2		2	2	2	3	23
0901 financial business			13		21		16	24	32	19	16	19	14	15	13	17	18	18	22	18	28	20	25	368
090201 traveling service			1							1	1		2	1				1		2	4		2	15
090209 other advertisement and mediator			2		5		3	7	4	6	3	6	6	5	1	7	5	7	6	7	4	8	7	99
0902 advertisement and mediator			3		5		3	7	4	7	4	6	8	6	1	7	5	8	6	9	8	8	9	114
09 financial business/advertisement			16		26		19	31	36	26	20	25	22	21	14	24	23	26	28	27	36	28	34	482
100101 movie production and delivery service			2		2		3			2			2			1	1	3		4		1	1	22
100102 movie theatre										1			2									1		4
100109 other movie/play service			3		3		1			4		2		2	1	2	4	2	1	3	4	1	2	35

1001 movie/play service			5		5		4			7		2	4	2	1	3	5	5	1	7	4	3	3	61
10 movie/play service			5		5		4			7		2	4	2	1	3	5	5	1	7	4	3	3	61
110101 telecommunication service			3		8		37	38	43	56	38	53	51	44	55	59	56	46	51	45	34	43	51	811
1101 telecommunication service			3		8		37	38	43	56	38	53	51	44	55	59	56	46	51	45	34	43	51	811
11 telecommunication service			3		8		37	38	43	56	38	53	51	44	55	59	56	46	51	45	34	43	51	811
120101 auto mobile practical training					2		2	2	2	1		1	1	1	3		1	2				1		19
120102 software service			1						1	1	2		1	1	1		1		1		4	1		15
120109 other education/research service			27		27		36	34	41	43	43	34	33	39	40	40	43	40	40	50	61	53	65	789
1201 education/research service			28		29		38	36	44	45	45	35	35	41	44	40	45	42	41	50	65	55	65	823
12 education/research service			28		29		38	36	44	45	45	35	35	41	44	40	45	42	41	50	65	55	65	823
130101 hospital			75		85		88	103	90	104	80	94	93	87	88	97	108	124	129	120	133	138	167	2,003
130102 general clinic			3		5		13	13	13	10	11	17	9	10	11	4	13	13	18	15	12	21	15	226
130109 other medical treatment service			3		8		11	5	11	4	15	7	7	12	14	10	14	14	13	15	19	26	21	229
1301 medical treatment service			81		98		112	121	114	118	106	118	109	109	113	111	135	151	160	150	164	185	203	2,458
130201 social welfare facility			59		109		113	160	154	212	205	215	215	254	254	295	317	352	367	373	486	526	546	5,212
1302 social welfare facility			59		109		113	160	154	212	205	215	215	254	254	295	317	352	367	373	486	526	546	5,212
130301 bathhouse			5		3		9	5	7	3	8	7	3	9	14	7	10	5	8	6	4	11	6	130

130309 other health and hygiene service			1	3	9	3	4	10	4	5	5	6	5	8	5	9	3	7	10	2	9	108
1303 other health and hygiene service			6	6	18	8	11	13	12	12	8	15	19	15	15	14	11	13	14	13	15	238
13 health and hygiene service			146	213	243	289	279	343	323	345	332	378	386	421	467	517	538	536	664	724	764	7,908
140101 hotel			115	114	105	97	102	101	87	106	94	76	107	105	112	119	147	128	150	82	78	2,025
1401 hotel			115	114	105	97	102	101	87	106	94	76	107	105	112	119	147	128	150	82	78	2,025
140201 general restaurant			233	305	290	288	327	355	304	297	331	352	368	358	426	437	473	485	502	468	441	7,040
140209 other restaurants			29	38	34	42	39	58	37	31	40	31	50	34	35	44	43	53	43	32	27	740
1402 restaurant			262	343	324	330	366	413	341	328	371	383	418	392	461	481	516	538	545	500	468	7,780
140301 golf course			87	98	75	68	80	84	70	74	73	61	64	51	61	62	55	69	53	41	59	1,285
140302 park and amusement park			9	4	1	4	3	9	7	7	12	10	8	4	7	8	10	23	16	6	7	155
140309 other amusement service			41	40	42	58	42	56	48	44	35	40	46	40	40	45	47	66	69	41	49	889
1403 other amusement service			137	142	118	130	125	149	125	125	120	111	118	95	108	115	112	158	138	88	115	2,329
14 amusement service			514	599	547	557	593	663	553	559	585	570	643	592	681	715	775	824	833	670	661	12,134
150101 building maintenance service			103	100	131	155	158	176	122	149	104	130	163	133	141	155	170	195	195	170	197	2,847
150102 industrial waste management service			22	13	25	20	26	29	29	20	25	32	31	28	24	37	31	31	41	35	36	535
150103 other waste disposal service			24	37	22	18	26	33	17	25	19	15	28	18	18	21	19	20	31	29	21	441



















service																							
0403 road cargo transportation service			1			1			1						1			3					7
040409 other transportation service																							
0404 other transportation service																							
04 transportation service		2	1			1			1						1			4					10
050101 land cargo handling service									1					1									2
0501 land cargo handling service									1					1									2
050201 general harbor transportation service										1													1
050202 port cargo handling service	1		1		3	1								1								1	8
050209 other harbor transportation service																							
0502 port cargo transportation service	1		1		3	1				1				1								1	9
05 cargo handling service	1		1		3	1			1	1				1	1							1	11
060101 agriculture																							
0601 agriculture																							
060201 lumbering					1	2	1		1		1			1			1	1					9
060209 other forestry					1									1	1	1							4
0602 forestry					2	2	1		1		1			1	1	1	1	1	1				13
06 agriculture					2	2	1		1		1			1	1	1	1	1	1				13
070101 livestock																							
0701 livestock																							
070201 fishery	1	2	2	1					1			1		1	1	2		1		2			15









150104 cremation service																								
150105 livestock process service																								
150109 other cleaning and livestock process service	1		1									1												3
1501 commercial cleaning	2	2	4		2		1	2	1	2	1	5	1		1	3	2	1	1		2		1	34
15 commercial cleaning	2	2	4		2		1	2	1	2	1	5	1		1	3	2	1	1		2		1	34
160101 public office																								
1601 public office																								
16 public office																								
170101 dispatch service																								
1701 dispatch service																								
170201 security service																								
170202 information processing service																								
170209 others				1		1		1											1					4
1702 others				1		1		1											1					4
17 others				1		1		1											1					4
total	10	12	15	6	15	13	11	9	6	10	8	10	5	4	6	13	7	5	9	3	9	1	6	193

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>

