

## code no.391 other equipments, facilities as Causal (S) agents

## Fatal &amp; non-fatal accidents caused by other equipments, facilities 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			18		24		34	26	33	40	23	39	26	33	28	37	31	38	31	42	29	33	31	596
010102 fishery products			46		32		45	33	48	37	32	28	31	26	29	25	31	33	37	25	31	34	26	629
010103 agricultural food products			20		9		17	14	24	19	19	13	17	17	16	16	20	10	12	16	16	14	26	315
010104 bread/cake products			17		39		32	23	50	37	26	34	35	36	23	33	46	46	40	43	30	50	56	696
010105 alcoholic drinks			12		14		10	8	13	11	8	6	5	6	11	5	6	9	2	9	7	10	6	158
010106 soft drinks			5		6		9	13	11	9	7	8	8	5	7	5	7	3	5	8	4	4	4	128
010109 other foods			139		148		162	181	157	168	191	164	173	188	175	172	179	180	189	164	164	160	207	3,261
0101 food products			257		272		309	298	336	321	306	292	295	311	289	293	320	319	316	307	281	305	356	5,783
010201 silk-reeling			1		1													1						3
010202 cotton-spinning			2		1			2	1	1			1	1				1			1	1		12
010203 weaving			1				2	1	2	2	1	2	1		5	4	1	3	1	4	2		2	34
010204 dyeing			5		7		3	5	3	5	3	3	3	5	3		2	5	4	3	1	1	1	62
010209 other textile products			9		1		5	5	5	6	2	5	5	6	7	4	4	7	2	2	3	3	2	83
0102 textile products			18		10		10	13	11	14	6	10	10	12	15	8	7	17	7	9	7	5	5	194
010301 over/under wear			7		2		6	2	6	4	5	6	2	2	2	5	3	3	5	2	5	1	5	73
010309 other fiber products			6		5		7	4	5	3	1	7	7	3	5	8	4	6	3	2	3	4	2	85
0103 fiber products			13		7		13	6	11	7	6	13	9	5	7	13	7	9	8	4	8	5	7	158
010401 lumbering			18		12		14	6	8	8	9	4	5	4	4	6	3	3	5	6	2	2	5	124





products			9		11		25	6	4	12	5	12	9	14	11	7	10	8	9	17	7	12	6	194
011002 casting products			22		15		22	17	17	13	9	18	14	12	13	12	6	16	9	7	9	9	18	258
011009 other steel products			2		5		10	12	5	7	12	3	7	5	1	8	2	1	5	4	1	4	9	103
0110 steel making			33		31		57	35	26	32	26	33	30	31	25	27	18	25	23	28	17	25	33	555
011101 nonferrous metals/rolling products			4		2		4	6	10	8	7	1	5	1	3	3	5	3	4	6	5	5	1	83
011102 nonferrous metals casting products			6		3		4	5	3	4	6	4	4	4	2	5	2	1	5	5	4	3	3	73
011109 other nonferrous metal products			3		3		7	2	5	6	5	3	4	5	6	6	1	4	3	4	4	4	2	77
0111 nonferrous metal making			13		8		15	13	18	18	18	8	13	10	11	14	8	8	12	15	13	12	6	233
011201 western tableware/cutting tool products			1		3			1	1	4	2	2	1					1			1		1	18
011202 screw products							1			1	1	1	1	1	1	3	4	3				1	2	20
011203 metal press products			9		4		9	3	7	10	4	6	9	4	6	8	1	9	7	5	10	4	9	124
011204 metal plating products			11		11		12	10	8	8	7	7	4	9	4	6	1	14	13	8	9	5	10	157
011209 other metal products			87		81		81	96	81	77	70	65	57	64	66	75	71	80	45	70	74	57	64	1,361
0112 metal products			108		99		103	110	97	100	84	81	72	78	77	92	77	107	65	83	94	67	86	1,680
011301 machine products			59		48		74	58	63	55	29	36	44	33	37	48	41	37	49	25	30	29	40	835
011302 measuring			4		6		1	2	2	4		2	2	1	2	4	1	1	4		3		4	43

instruments																								
011303 optical instruments			3		1		1	2	1	3	3	2	2		2	1	2	5	3		1	2	3	37
011304 watch products					1			1			1				1									4
011305 other precision machine products			7		4		9	7	9	6	2	4	3		4	2	7	5	8	7	8	5	8	105
0113 machine products			73		60		85	70	75	68	35	44	51	34	46	55	51	48	64	32	42	36	55	1,024
011401 heavy electrical equipment			2		3		2	4	3		5	4	4	2	1		2	2	3	3	7	2	3	52
011402 electrical appliance			9		3		3	8	4	7	1	2	3	6	5	5	4	4	7	5	1	4	4	85
011403 electronics equipment and telecommunications apparatus			6		6		11	14	11	13	7	10	11	12	10	9	9	12	6	6	14	10	9	186
011409 other electrical equipment			15		14		17	15	18	19	7	23	10	11	18	16	15	20	19	26	12	10	18	303
0114 electrical equipment products			32		26		33	41	36	39	20	39	28	31	34	30	30	38	35	40	34	26	34	626
011501 ship building			18		16		11	20	17	20	16	10	10	10	20	16	11	14	14	15	15	20	17	290
011502 auto mobile products			29		39		63	47	29	41	30	27	21	34	32	32	37	21	32	33	33	30	49	659
011503 railway vehicle products			5		1		1	1	1			2	1	1	1	3	3	1	1		5		1	28
011509 other transport equipment products			17		5		11	7	5	6	8	11	6	7	8	9	7	5	8	3	7	7	7	144
0115 transport equipment			69		61		86	75	52	67	54	50	38	52	61	60	58	41	55	51	60	57	74	1,121



020302 petroleum mining																									
020309 other mining				7		1	3							2			1			1			15		
0203 other mining				7		1	3							2			1			1			15		
02 mining			7		21		7	9	8	7	6	7	8	3	10	4	3	3	2	1	9	2	3	120	
030101 hydroelectric plant construction work					1				1	1					1							1	1	6	
030102 tunnel construction work			5		1		4	3	1			1				3	1	2	4	2	1	2	2	32	
030103 subway construction work																									
030104 railway construction work			1		1		2	2	2			2	3	2		2			1	2	4	2	1	27	
030105 bridge construction work			3				2	1	1	4		3	3		2	2	2		1	1	2	1	1	29	
030106 road construction work			14		11		11	5	8	4	6	3	3	7	8	10	6	10	8	3	3	4	3	127	
030107 river civil engineering work			4		2		4	2	4		1	2	2	1	3		1	1				1	4	32	
030108 sand collapse prevention civil engineering work									2	3					1		1		2		2	1		1	13
030109 land consolidation civil engineering work			7		4		1	5	3	5	1	6	3	1	1	3	2	3	2	3		4	4	58	
030110 water supply/sewage			12		9		9	2	12	5	5	5	9	7	5	5	9	6	8	4	2	5	7	126	

construction work																								
030111 port/seaside construction work			3	2	1	1	3	1	3	4	2	1	2	1	4	1	1		2	1	33			
030199 other civil engineering work			30	12	29	24	30	20	22	19	13	23	14	24	22	17	24	22	14	23	19	401		
0301 civil engineering work			79	43	63	46	66	42	36	44	40	44	34	53	44	45	49	40	27	45	44	884		
030201 steel frame/reinforced concrete house construction work			31	32	21	22	29	39	19	18	16	28	25	25	25	18	19	29	26	22	22	466		
030202 wooden house construction work			26	26	18	13	22	11	16	16	18	16	20	15	18	6	7	21	10	19	8	306		
030203 building facility construction work			25	20	21	22	16	14	11	17	18	19	16	14	29	23	11	10	17	20	24	347		
030209 other building construction work			29	28	38	45	33	34	30	36	24	35	27	30	27	31	30	37	26	42	38	620		
0302 construction work			111	106	98	102	100	98	76	87	76	98	88	84	99	78	67	97	79	103	92	1,739		
030301 electricity/telecommunication work			4	5	7	8	10	18	9	10	12	6	18	13	8	10	4	5	5	9	11	172		
030302 machinery/apparatus setting work			39	36	28	32	24	21	31	24	20	24	15	43	16	21	24	24	15	23	9	469		
030309 other construction works			35	33	36	31	42	42	25	28	39	30	42	40	37	38	24	42	32	29	25	650		
0303 other construction			78	74	71	71	76	81	65	62	71	60	75	96	61	69	52	71	52	61	45	1,291		



works																								
03 construction			268		223		232	219	242	221	177	193	187	202	197	233	204	192	168	208	158	209	181	3,914
040101 railroad service			6		4		6	11	6	9	13	11	12	10	5	8	12	12	10	8	8	10	11	172
040102 water transportation service			1		3		1	1		4	1	1	1	2			2	1	1	1	2	2	2	26
040103 airline service			9		8		1	3	10	8	11	5	1	15	5	6	6	8	16	15	8	1	6	142
0401 railroad/water transportation/airline service			16		15		8	15	16	21	25	17	14	27	10	14	20	21	27	24	18	13	19	340
040201 taxi service			9		4		6	6	7	12	10	6	11	6	18	5	6	10	5	15	7	8	11	162
040202 bus service			12		9		6	13	17	14	13	13	8	12	15	14	10	17	10	11	19	11	11	235
040209 other passenger transport service								2	1			1		1		1	1		1		1		9	
0402 road passenger transport service			21		13		12	21	25	26	23	20	19	19	33	20	17	27	15	27	26	20	22	406
040301 general truck transportation service			120		84		94	140	130	136	127	140	119	136	110	104	112	105	111	152	125	145	141	2,331
040302 specific truck transportation service			8		6		5	9	3	9	9	4	5	4	9	4	5	3	6	3	12	7	5	116
040303 cargo/ light automobile transportation service			1					2		1		1		2		1	2	1	1	2		2	2	18
040309 other land cargo transportation service			2		3		10	7	2	1	5	4	5	3	7	5	1	6	4	1	4	3	2	75
0403 road cargo			131		93		109	158	135	147	141	149	129	145	126	114	120	115	122	158	141	157	150	2,540

transportation service																								
040409 other transportation service			1				3	1	1	5	3		1	1				1		3		1		21
0404 other transportation service			1				3	1	1	5	3		1	1				1		3		1		21
04 transportation service			169		121		132	195	177	199	192	186	163	192	169	148	157	164	164	212	185	191	191	3,307
050101 land cargo handling service			20		18		23	24	12	21	30	18	18	20	28	14	21	29	29	36	32	48	52	493
0501 land cargo handling service			20		18		23	24	12	21	30	18	18	20	28	14	21	29	29	36	32	48	52	493
050201 general harbor transportation service					2		2	3	3	1	1	2		2	3		1				1	1		22
050202 port cargo handling service			10		4		7	4	5	6		3	4	7	3	7	8	9	9	6	5	8	1	106
050209 other harbor transportation service							1	1		1				2		1	1	1		2		2	1	13
0502 port cargo transportation service			10		6		10	8	8	8	1	5	4	11	6	8	10	10	9	8	6	11	2	141
05 cargo handling service			30		24		33	32	20	29	31	23	22	31	34	22	31	39	38	44	38	59	54	634
060101 agriculture			5		9		11	8	14	11	9	10	13	14	13	13	15	19	16	19	21	16	17	253
0601 agriculture			5		9		11	8	14	11	9	10	13	14	13	13	15	19	16	19	21	16	17	253
060201 lumbering			5				1	1	4	4	1	2			1	1	1	2		2	1		1	27
060209 other forestry			3		1			1	2		2		2	3	2	2	1	2		3	1	2		27
0602 forestry			8		1		1	2	6	4	3	2	2	3	3	3	2	4		5	2	2	1	54

06 agriculture			13		10		12	10	20	15	12	12	15	17	16	16	17	23	16	24	23	18	18	307
070101 livestock			17		15		26	23	24	20	17	18	24	29	18	23	13	17	23	18	24	20	13	382
0701 livestock			17		15		26	23	24	20	17	18	24	29	18	23	13	17	23	18	24	20	13	382
070201 fishery			21		16		7	12	13	10	10	13	12	22	19	14	13	11	8	8	7	5	8	229
070209 other fishery			4		4		6	6	8	4	7	5	3	2	3	4	3	3	3	5	4	7	13	94
0702 fishery			25		20		13	18	21	14	17	18	15	24	22	18	16	14	11	13	11	12	21	323
07 livestock/fishery			42		35		39	41	45	34	34	36	39	53	40	41	29	31	34	31	35	32	34	705
080101 all kinds of wholesale			3		9		5	5	6	4	7	6	2	1	5	3	5	1	2	2	5	4	1	76
080102 furniture/fittings wholesale			1		1			1	2	2			1		2	1	1	1		1		1	1	16
080109 other wholesale			43		29		38	47	59	47	42	41	40	45	60	42	49	51	54	52	55	63	53	910
0801 wholesale			47		39		43	53	67	53	49	47	43	46	67	46	55	53	56	55	60	68	55	1,002
080201 all kinds of retail			116		107		148	161	118	109	90	119	104	103	95	91	80	108	70	84	70	80	103	1,956
080202 auto mobile retail			4		9		3	8	7	8	7	10	9	9	8	9	2	11	6	19	11	11	17	168
080203 furniture/fittings retail			4		2		4	6	5	6	4	3	3	3	6	4	7	4	2	7	8	11	4	93
080204 fuel retail			17		20		14	21	35	26	15	15	17	21	22	22	17	14	19	22	24	13	24	378
080205 newspaper retail			5		2		6	2	3	6	3	7	3	7	3	6	6	7	3	4	5	6	4	88
080209 other retails			115		121		182	178	208	204	234	260	253	283	318	352	324	327	306	341	347	386	423	5,162
0802 retail			261		261		357	376	376	359	353	414	389	426	452	484	436	471	406	477	465	507	575	7,845
080301 haircut			1		1			2	2			2	1	3			1	1	1	1	2	2		20
080302 beauty salon			1		1			3	2	7	11	2	1	2	5	2	10	3	1	3	8	7	11	80
0803 haircut/beauty salon			2		2			5	4	7	11	4	2	5	5	2	11	4	2	4	10	9	11	100

080401 warehousing			8		4		8	7	12	9	12	12	5	8	11	20	11	14	19	15	16	13	10	214
080409 other commerce			15		18		17	29	22	33	25	34	26	27	27	36	21	30	25	37	28	35	46	531
0804 other commerce			23		22		25	36	34	42	37	46	31	35	38	56	32	44	44	52	44	48	56	745
08 commerce			333		324		425	470	481	461	450	511	465	512	562	588	534	572	508	588	579	632	697	9,692
090101 banking/trust business			7		6		6	7	5	9	4	4	7	5	10	1	2	8	6	6	6	5	7	111
090102 stock/commodity trade business			1						2			1			1	1					1	1		8
090103 insurance business			10		7		5	7	6	10	6	7	14	12	10	9	11	6	12	8	8	10	13	171
090109 other financial business			5		1		1	1	3	2		1	2	1	1		1		3	1	4	2	3	32
0901 financial business			23		14		12	15	16	21	10	13	23	18	22	11	14	14	21	15	19	18	23	322
090201 traveling service			2		1				1		1					2	1	1	2			1	1	13
090209 other advertisement and mediator			1		1		2	4	7		5	1	1	2	3	3	8	6	4	5	6	3	7	69
0902 advertisement and mediator			3		2		2	4	8		6	1	1	2	3	3	10	7	5	7	6	4	8	82
09 financial business/advertisement			26		16		14	19	24	21	16	14	24	20	25	14	24	21	26	22	25	22	31	404
100101 movie production and delivery service			1		1		1		1	2		2		2		2	1	1	1			1	1	17
100102 movie theatre							1	1		2	1		1			1				1			2	10
100109 other movie/play service			4		2		1	1	2	1	2	3		4	1	5	4		3	1	2	4	4	44

1001 movie/play service			5		3		3	2	3	5	3	5	1	6	1	8	5	1	4	2	2	5	7	71
10 movie/play service			5		3		3	2	3	5	3	5	1	6	1	8	5	1	4	2	2	5	7	71
110101 telecommunication service					3		31	26	26	19	21	26	22	22	21	30	23	21	15	19	17	23	18	383
1101 telecommunication service					3		31	26	26	19	21	26	22	22	21	30	23	21	15	19	17	23	18	383
11 telecommunication service					3		31	26	26	19	21	26	22	22	21	30	23	21	15	19	17	23	18	383
120101 auto mobile practical training							1	2			3	3		1		2	1			1			3	17
120102 software service								1	1			1	2	2	1	1		1		1	1	3	1	16
120109 other education/research service			18		21		24	23	23	24	27	24	26	30	26	29	42	28	25	33	28	42	53	546
1201 education/research service			18		21		25	26	24	24	30	28	28	33	27	32	43	29	25	35	29	45	57	579
12 education/research service			18		21		25	26	24	24	30	28	28	33	27	32	43	29	25	35	29	45	57	579
130101 hospital			76		50		71	79	78	76	76	99	97	86	92	91	113	97	95	114	105	122	144	1,761
130102 general clinic			5		7		6	5	12	11	11	13	7	11	15	10	12	10	13	21	16	17	27	229
130109 other medical treatment service			2		8		12	8	2	15	8	10	12	10	11	12	11	11	11	13	12	15	18	201
1301 medical treatment service			83		65		89	92	92	102	95	122	116	107	118	113	136	118	119	148	133	154	189	2,191
130201 social welfare facility			74		66		101	114	135	158	149	195	190	211	194	204	244	258	274	281	315	378	414	3,955
1302 social welfare facility			74		66		101	114	135	158	149	195	190	211	194	204	244	258	274	281	315	378	414	3,955
130301 bathhouse			3		1		8	9	8	4	3	3	8	11	7	6	5	10	8	7	9	10	7	127

130309 other health and hygiene service			2	2	5	7	6	3	6	6	8	6	5		5	3	3	6	5	3	4	85
1303 other health and hygiene service			5	3	13	16	14	7	9	9	16	17	12	6	10	13	11	13	14	13	11	212
13 health and hygiene service			162	134	203	222	241	267	253	326	322	335	324	323	390	389	404	442	462	545	614	6,358
140101 hotel			53	53	87	79	106	96	61	90	95	99	97	101	87	98	92	102	112	73	77	1,658
1401 hotel			53	53	87	79	106	96	61	90	95	99	97	101	87	98	92	102	112	73	77	1,658
140201 general restaurant			230	189	223	202	222	257	272	309	278	289	294	326	331	378	297	369	347	348	389	5,550
140209 other restaurants			20	24	25	25	27	35	23	35	30	37	20	26	37	23	27	20	36	26	21	517
1402 restaurant			250	213	248	227	249	292	295	344	308	326	314	352	368	401	324	389	383	374	410	6,067
140301 golf course			26	17	10	17	16	23	18	22	21	18	10	17	18	27	8	13	19	14	17	331
140302 park and amusement park			17	6	6	8	2	3	5	5	9	5	5	7	6	10	11	6	9	15	5	140
140309 other amusement service			33	42	58	41	48	63	55	66	51	50	49	70	58	59	61	55	58	54	64	1,035
1403 other amusement service			76	65	74	66	66	89	78	93	81	73	64	94	82	96	80	74	86	83	86	1,506
14 amusement service			379	331	409	372	421	477	434	527	484	498	475	547	537	595	496	565	581	530	573	9,231
150101 building maintenance service			115	106	105	140	152	185	149	160	117	160	180	162	123	164	145	123	155	138	137	2,716
150102 industrial waste management service			21	27	35	27	40	30	33	21	21	27	39	33	24	47	35	31	34	35	45	605
150103 other waste disposal service			10	22	20	25	29	21	14	24	27	19	20	16	23	25	21	16	24	27	36	419







010509 other furniture																							
0105 furniture																							
010601 pulp/paper	1										2									1			4
010602 paper processing products																							
010609 other pulp/paper processing products																							
0106 pulp/paper processing products	1										2									1			4
010701 printing service																							
010702 bookbinding																							
010709 other printing and bookbinding																							
0107 printing/bookbinding																							
010801 non organic or organic chemical products		1												1									2
010802 chemical fiber																							
010803 pharmaceuticals															1								1
010804 petroleum/coal products		1			1									1		1							4
010805 plastics products						1			1					1									3
010806 rubber products													1							1			2
010807 leather products			1			1																	2
010808 painting products																							
010809 chemical fertilizer products																							
010899 other chemical products										2										1			3
0108 chemical products		2	1		1	1	1			3				1	3	1	1	1			1		17

010901 cement products			1		1		1		2	1	1			1		1	1			1				11
010902 glass products																								
010903 pottery products																								
010904 fire resisting products															1									1
010905 other ceramic products							1																	1
010909 other sand and stone products												1			1	1			1	1				5
0109 sand and stone products			1		1		2		2	1	1	1		1	3	2			2	1				18
011001 steel/iron/rolling products				3	1	1		2		1			1			3		1	1	1	2			17
011002 casting products										1		1												2
011009 other steel products																								
0110 steel making				3	1	1		2		2		1	1			3		1	1	1	2			19
011101 nonferrous metals/rolling products															1							1		2
011102 nonferrous metals casting products																								
011109 other nonferrous metal products	2																							2
0111 nonferrous metal making	2														1							1		4
011201 western tableware/cutting tool products																								
011202 screw products																								
011203 metal press products																								
011204 metal plating products																1				1				2
011209 other metal products	1	3				1	1		3	1		1			1		2		1					15

















130102 general clinic																							
130109 other medical treatment service																							
1301 medical treatment service			1											1									2
130201 social welfare facility				1																			1
1302 social welfare facility				1																			1
130301 bathhouse												1											1
130309 other health and hygiene service																							
1303 other health and hygiene service												1											1
13 health and hygiene service			1	1								1			1								4
140101 hotel			1			1											1						3
1401 hotel			1			1											1						3
140201 general restaurant								1		1	1												3
140209 other restaurants											2												2
1402 restaurant								1		1	3												5
140301 golf course									1											1			2
140302 park and amusement park	1						1																2
140309 other amusement service																							
1403 other amusement service	1						1		1											1			4
14 amusement service	1		1			1	1	1	1	1	3						1			1			12
150101 building maintenance service		1		1	1	1		1									2						7
150102 industrial waste management service				1		1	1						1	1			1					1	7
150103 other waste disposal service			1					1			1					1	1				1		6

150104 cremation service																								
150105 livestock process service																								
150109 other cleaning and livestock process service															1		2							3
1501 commercial cleaning		1	1	2	1	2	1	2			1		1	1		2	1	5				1	1	23
15 commercial cleaning		1	1	2	1	2	1	2			1		1	1		2	1	5				1	1	23
160101 public office																								
1601 public office																								
16 public office																								
170101 dispatch service							1																	1
1701 dispatch service							1																	1
170201 security service				1															1					2
170202 information processing service																								
170209 others		1	3	1	1	1	1	1			1	2	1	1	1				1	1				17
1702 others		1	3	2	1	1	1	1			1	2	1	1	1				2	1				19
17 others		1	3	2	1	1	2	1			1	2	1	1	1				2	1				20
total	18	19	16	18	23	19	17	14	11	20	17	14	13	14	12	21	15	16	9	13	12	15	7	353

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>

