

code no.51 hazards, harmful substances as Causal(M) agents

Fatal & non-fatal accidents caused by hazards, harmful substances as Causal(M) 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	9	13	11	12	17	13	9	17	10	15	6	16	13	12	18	14	16	19	8	9	10	10	13	290
010102 fishery products	10	6	7	15	19	10	7	9	9	9	8	10	13	14	13	21	12	5	6	8	7	13	4	235
010103 agricultural food products	7	3	7	4	6	5	7	3	6	2	7	3	4	4	4	5	4	5	9	3	6	8	4	116
010104 bread/cake products	12	7	16	9	14	9	17	5	12	13	14	9	14	12	10	17	17	19	14	9	11	9	11	280
010105 alcoholic drinks	2	2	4	4	0	1	3	2	3	1	2	2	0	1	1	2	0	1	3	1	4	1	2	42
010106 soft drinks	6	8	3	4	2	4	4	2	6	3	1	1	5	4	2	3	2	2	4	3	0	5	3	77
010109 other foods	48	47	70	73	67	71	66	80	50	66	57	57	65	66	78	69	55	62	61	49	49	51	48	1,405
0101 food products	94	86	118	121	125	113	113	118	96	109	95	98	114	113	126	131	106	113	105	82	87	97	85	2,445
010201 silk-reeling	1	0	1	-	0	-	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	5
010202 cotton-spinning	1	0	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
010203 weaving	0	1	1	4	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	10
010204 dyeing	10	11	9	6	4	14	7	5	2	4	8	3	4	2	5	3	2	5	1	1	2	5	2	115
010209 other textile products	2	1	2	-	7	-	3	0	2	0	1	0	2	7	7	1	4	1	0	3	0	0	0	43
0102 textile products	14	13	13	11	11	15	11	5	4	4	9	4	6	10	12	4	7	7	1	4	2	5	4	176
010301 over/under wear	1	1	3	1	1	-	1	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	12
010309 other fiber products	2	1	0	-	3	-	0	3	1	1	0	2	1	0	0	1	1	0	0	0	0	0	3	19
0103 fiber products	3	2	3	1	4	-	1	4	1	1	0	2	1	1	2	1	1	0	0	0	0	0	3	31

0112 metal products	74	70	80	68	93	75	55	72	70	62	41	52	50	55	74	59	58	47	35	48	60	51	45	1,394
011301 machine products	16	27	20	17	21	18	16	23	21	17	14	17	13	10	12	12	12	13	12	18	11	10	15	365
011302 measuring instruments	0	1	0	4	1	1	1	0	2	1	1	1	1	0	0	2	1	0	1	0	1	0	0	19
011303 optical instruments	0	4	2	1	1	2	3	4	7	0	1	2	5	2	0	0	5	1	2	1	2	0	2	47
011304 watch products	0	1	0	-	0	-	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	5
011305 other precision machine products	3	4	5	4	6	3	4	4	3	2	1	3	1	1	4	3	2	1	0	1	2	2	5	64
0113 machine products	19	37	27	26	29	24	24	31	33	20	17	23	21	13	17	18	20	15	15	20	16	13	22	500
011401 heavy electrical equipment	0	2	1	2	0	3	0	2	2	0	2	1	1	1	1	1	3	0	4	1	1	0	1	29
011402 electrical appliance	3	4	4	1	3	1	2	7	0	3	3	1	0	2	1	2	0	1	1	1	1	1	2	44
011403 electronics equipment and telecommunications apparatus	25	14	11	18	9	11	12	12	10	10	8	7	8	7	8	5	8	7	8	7	7	6	7	225
011409 other electrical equipment	9	14	10	2	6	10	10	10	17	6	5	12	12	6	2	4	6	8	9	6	3	6	11	184
0114 electrical equipment products	37	34	26	23	18	25	24	31	29	19	18	21	21	16	12	12	17	16	22	15	12	13	21	482
011501 ship building	15	12	8	16	16	14	12	13	17	5	8	8	10	4	6	12	11	6	12	5	4	5	6	225
011502 auto mobile products	17	12	9	20	13	18	20	28	19	11	8	7	17	5	11	14	16	10	12	10	11	10	16	314
011503 railway vehicle	0	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	3	10

products																									
011509 other transport equipment products	5	5	3	11	4	1	9	6	2	4	2	2	2	2	1	2	1	3	2	0	1	2	4	74	
0115 transport equipment products	37	30	20	48	33	34	41	47	38	20	18	17	29	11	19	28	28	19	26	15	17	19	29	623	
011601 electric utility service	0	0	0	1	0	2	0	0	1	0	0	2	3	0	0	0	0	0	0	0	0	1	0	10	
011602 city gas service	5	5	6	9	0	2	2	2	2	0	1	1	1	1	0	1	0	1	2	0	1	2	2	46	
011603 city water service	1	1	0	-	1	2	0	3	3	2	0	0	0	0	0	1	2	1	0	0	0	1	1	19	
011609 other electric/gas/water service	0	0	0	-	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	4	
0116 electric/gas/water service	6	6	6	10	1	7	2	5	6	2	1	4	4	1	0	3	2	2	2	0	1	5	3	79	
011701 auto mobile servicing	22	23	20	23	16	18	17	24	12	9	8	13	13	10	15	14	9	14	10	12	10	7	3	322	
011702 machine repair	7	7	14	4	6	3	4	8	4	7	7	7	5	4	5	2	4	3	2	5	3	4	5	120	
011703 cleaning	6	7	2	4	4	5	7	8	7	5	6	4	7	2	7	1	4	5	9	5	7	1	3	116	
011704 tobacco products	0	0	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
011709 other manufacturing	16	20	16	12	22	13	16	8	9	19	9	9	10	10	12	8	8	8	15	6	7	9	3	265	
0117 other manufacturing	51	57	53	44	48	39	44	48	32	40	30	33	35	26	39	25	25	30	36	28	27	21	14	825	
01 manufacturing	511	521	535	538	515	517	478	513	483	404	337	365	398	347	399	396	373	358	359	337	339	317	336	9,676	
020101 general coal mining	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
020109 other coal mining	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0201 coal mining	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
020201 quarrying	4	3	2	-	2	3	2	0	0	0	0	1	1	1	0	0	0	3	3	2	0	0	0	27	

prevention civil engineering work	1	1	2	1	0	-	0	1	1	0	1	1	0	1	1	0	0	0	1	0	0	0	2	14
030109 land consolidation civil engineering work	4	5	4	3	2	-	2	1	1	0	0	0	2	0	1	1	0	0	0	1	0	0	2	29
030110 water supply/sewage construction work	12	20	12	9	1	10	4	6	3	5	4	1	3	5	3	2	3	1	4	5	3	3	1	120
030111 port/seaside construction work	1	0	2	-	0	-	2	1	0	1	0	1	0	1	1	3	0	0	0	0	0	1	0	14
030199 other civil engineering work	27	30	24	15	12	7	12	18	14	10	5	12	6	11	10	7	4	12	10	6	8	8	14	282
0301 civil engineering work	64	87	68	60	25	37	35	40	31	27	18	22	21	34	21	16	10	21	27	21	33	28	25	771
030201 steel frame/reinforced concrete house construction work	14	23	23	17	22	14	12	30	27	15	6	15	8	12	15	13	16	14	18	13	10	11	17	365
030202 wooden house construction work	16	10	11	12	8	6	12	10	7	5	12	7	11	6	2	5	6	5	6	5	5	5	3	175
030203 building facility construction work	11	5	14	18	18	11	13	13	14	9	8	10	11	6	12	4	4	17	8	7	11	8	7	239
030209 other building construction work	28	27	36	27	20	31	38	38	28	21	18	21	26	30	13	32	25	12	17	31	21	18	12	570
0302 construction work	69	65	84	74	68	62	75	91	76	50	44	53	56	54	42	54	51	48	49	56	47	42	39	1,349
030301 electricity/telecommunication work	3	1	4	3	1	1	2	2	3	2	1	2	4	3	2	7	3	2	1	1	2	2	1	53

040303 cargo/ light automobile transportation service	0	0	0	1	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
040309 other land cargo transportation service	1	1	3	1	2	-	5	1	1	2	1	0	1	2	0	0	0	1	1	1	1	1	0	26
0403 road cargo transportation service	33	41	33	32	31	22	35	33	25	46	22	20	28	20	22	20	19	17	24	17	24	41	21	626
040409 other transportation service	0	0	0	-	0	-	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	3
0404 other transportation service	0	0	0	-	0	-	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	3
04 transportation service	37	54	44	36	37	29	42	46	39	51	30	24	38	23	27	22	25	19	32	18	28	44	23	768
050101 land cargo handling service	4	0	3	-	5	3	2	3	2	2	0	0	1	2	14	4	2	1	1	2	2	2	6	61
0501 land cargo handling service	4	0	3	-	5	3	2	3	2	2	0	0	1	2	14	4	2	1	1	2	2	2	6	61
050201 general harbor transportation service	0	0	2	-	0	-	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	7
050202 port cargo handling service	4	2	1	3	0	-	1	2	3	3	0	0	1	1	0	1	1	1	0	1	0	0	0	25
050209 other harbor transportation service	0	0	0	-	0	-	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	3
0502 port cargo transportation service	4	2	3	3	0	-	2	2	5	4	1	0	2	1	0	3	1	1	0	1	0	0	0	35

mediator	1	0	2	-	0	-	0	0	1	1	2	0	0	1	0	1	0	0	1	3	0	0	1	14
09 financial business/advertisement	2	0	13	1	0	-	0	3	2	1	3	2	0	1	2	3	0	0	2	3	1	2	2	43
100101 movie production and delivery service	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	2	0	0	0	52	0	0	54
100102 movie theatre	0	0	0	-	0	-	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
100109 other movie/play service	0	0	0	-	1	-	0	0	0	0	1	2	0	0	1	0	0	0	0	1	0	0	0	6
1001 movie/play service	0	0	0	-	1	-	0	0	0	0	1	3	0	1	1	0	2	0	0	1	52	0	0	62
10 movie/play service	0	0	0	-	1	-	0	0	0	0	1	3	0	1	1	0	2	0	0	1	52	0	0	62
110101 telecommunication service	0	0	0	2	0	-	2	1	0	0	0	1	0	0	0	0	0	2	0	0	2	0	0	10
1101 telecommunication service	0	0	0	2	0	-	2	1	0	0	0	1	0	0	0	0	0	2	0	0	2	0	0	10
11 telecommunication service	0	0	0	2	0	-	2	1	0	0	0	1	0	0	0	0	0	2	0	0	2	0	0	10
120101 auto mobile practical training	0	0	0	1	0	-	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
120102 software service	2	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	4
120109 other education/research service	9	13	9	11	17	11	14	12	10	13	6	6	13	7	6	7	10	6	12	7	4	5	7	215
1201 education/research service	11	13	9	12	17	11	16	12	10	13	6	6	13	7	6	7	11	6	12	7	5	5	7	222
12 education/research service	11	13	9	12	17	11	16	12	10	13	6	6	13	7	6	7	11	6	12	7	5	5	7	222

service	7	3	13	12	6	7	10	7	4	12	9	6	4	10	6	9	6	2	8	7	10	3	4	165
1403 other amusement service	14	8	16	20	8	18	15	12	10	15	11	8	8	16	9	12	14	7	14	11	11	5	5	267
14 amusement service	125	143	187	180	193	178	200	166	178	154	154	139	179	183	155	199	171	191	172	153	182	108	121	3,811
150101 building maintenance service	18	26	25	33	28	28	36	13	32	35	26	16	24	24	22	22	23	21	26	21	27	24	17	567
150102 industrial waste management service	26	9	16	22	13	13	13	18	16	23	17	18	14	7	10	23	10	12	17	18	16	14	15	360
150103 other waste disposal service	7	8	7	8	10	11	9	4	9	5	4	6	3	7	4	1	7	5	2	5	5	6	6	139
150104 cremation service	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150105 livestock process service	0	1	1	-	0	-	2	1	0	0	1	0	1	0	0	0	1	1	0	1	1	0	0	11
150109 other cleaning and livestock process service	17	7	9	20	9	6	11	10	10	7	4	8	6	10	6	5	8	14	5	7	5	4	6	194
1501 commercial cleaning	68	51	58	83	60	58	71	46	67	70	52	48	48	48	42	51	49	53	50	52	54	48	44	1,271
15 commercial cleaning	68	51	58	83	60	58	71	46	67	70	52	48	48	48	42	51	49	53	50	52	54	48	44	1,271
160101 public office	1	0	1	1	1	2	0	0	1	0	0	0	1	0	0	0	0	1	2	1	1	0	3	16
1601 public office	1	0	1	1	1	2	0	0	1	0	0	0	1	0	0	0	0	1	2	1	1	0	3	16
16 public office	1	0	1	1	1	2	0	0	1	0	0	0	1	0	0	0	0	1	2	1	1	0	3	16
170101 dispatch service	0	0	1	1	3	5	0	3	2	2	2	0	0	2	1	1	2	2	0	2	1	2	0	32
1701 dispatch service	0	0	1	1	3	5	0	3	2	2	2	0	0	2	1	1	2	2	0	2	1	2	0	32
170201 security service	1	3	4	2	2	2	1	6	3	4	2	2	0	1	0	1	1	2	3	1	2	3	1	47

010709 other printing and bookbinding	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0107 printing/bookbinding	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
010801 non organic or organic chemical products	2	4	1	0	1	3	0	0	0	1	0	1	1	1	0	1	1	2	0	1	0	0	0	20
010802 chemical fiber	0	0	0	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	1	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4
010804 petroleum/coal products	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	1	0	0	5
010805 plastics products	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3
010806 rubber products	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
010807 leather products	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
010808 painting products	0	0	0	0	0	0	0	0	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	1	1
010899 other chemical products	1	1	2	0	0	0	1	3	2	2	2	1	0	0	0	0	0	0	2	3	2	0	0	22
0108 chemical products	3	6	4	1	1	4	1	5	2	3	2	3	1	3	2	1	1	2	4	4	3	0	1	57
010901 cement products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010902 glass products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
010903 pottery products	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010905 other ceramic products	0	0	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	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4
0109 sand and stone products	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	5

011305 other precision machine products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0113 machine products	1	0	0	1	0	2	2	0	1	0	1	2	1	0	1	0	0	0	0	0	0	0	1	13
011401 heavy electrical equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011402 electrical appliance	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
011403 electronics equipment and telecommunications apparatus	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
011409 other electrical equipment	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3
0114 electrical equipment products	0	3	1	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	8
011501 ship building	3	2	2	1	5	3	1	1	6	2	1	0	2	0	0	1	0	0	0	1	0	2	0	33
011502 auto mobile products	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	5
011503 railway vehicle products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011509 other transport equipment products	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0115 transport equipment products	3	2	2	2	6	3	1	3	6	3	1	0	3	0	0	2	0	0	0	1	0	2	0	40
011601 electric utility service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011602 city gas service	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
011603 city water service	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3
011609 other electric/gas/water service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0116 electric/gas/water service	1	1	1	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	7
011701 auto mobile servicing	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	4
011702 machine repair	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2

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	0
170101 dispatch service	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1701 dispatch service	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
170201 security service	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4
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	0
170209 others	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	1	1	8
1702 others	0	1	1	0	2	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	3	1	12
17 others	0	1	1	0	2	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0	1	3	1	13
total	40	45	26	27	45	29	18	31	38	16	20	15	19	23	24	20	23	8	13	19	49	11	19	578

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

Return to <https://www.jisha.or.jp/english/statistics/2021eCMA.html>