

code no.52 materials as Causal(M) agents

Fatal & non-fatal accidents caused by materials as Causal(M) agents in 1999-2021

[illegible]

wood products	183	184	162	125	142	125	123	125	91	88	74	88	84	87	82	58	61	65	64	68	53	47	54	2,233
0104 wood products	691	672	589	469	438	416	393	361	308	269	210	224	216	226	209	187	171	173	163	165	144	149	150	6,993
010501 wood furniture	63	51	64	38	49	38	27	32	29	22	22	20	16	20	28	22	21	20	18	19	21	18	14	672
010502 metal furniture	16	4	8	8	6	7	4	5	7	3	0	2	3	2	3	6	5	2	1	4	5	8	1	110
010503 fittings	34	31	29	27	25	23	25	15	17	13	8	17	11	8	6	10	7	8	8	4	4	8	3	341
010509 other furniture	28	26	23	20	17	13	21	15	19	8	6	8	7	6	6	6	6	4	0	10	5	9	9	272
0105 furniture	141	112	124	93	97	81	77	67	72	46	36	47	37	36	43	44	39	34	27	37	35	43	27	1,395
010601 pulp/paper	14	15	7	9	9	14	11	14	9	9	9	10	5	8	7	3	7	3	6	2	5	7	10	193
010602 paper processing products	25	42	28	34	35	33	25	34	32	17	18	17	20	23	18	12	23	18	16	25	12	11	23	541
010609 other pulp/paper processing products	6	10	6	10	10	8	14	12	10	12	4	13	6	4	6	3	7	4	7	6	9	2	7	176
0106 pulp/paper processing products	45	67	41	53	54	55	50	60	51	38	31	40	31	35	31	18	37	25	29	33	26	20	40	910
010701 printing service	25	39	26	19	20	28	20	26	20	19	18	20	20	17	17	15	15	16	12	10	15	13	16	446
010702 bookbinding	2	4	4	3	2	8	0	2	4	2	3	1	2	2	0	1	1	0	1	2	1	0	2	47
010709 other printing and bookbinding	6	5	6	2	4	6	6	3	2	5	4	5	4	2	1	1	3	0	2	3	3	1	2	76
0107 printing/bookbinding	33	48	36	24	26	42	26	31	26	26	25	26	26	21	18	17	19	16	15	15	19	14	20	569
010801 non organic or organic chemical products	12	7	12	10	11	15	11	10	10	9	5	9	13	9	10	8	6	11	9	6	6	5	10	214
010802 chemical fiber	2	2	0	3	1	1	2	4	0	1	2	2	0	0	0	1	1	2	0	0	2	1	0	27
010803 pharmaceuticals	2	9	7	4	4	4	5	3	3	4	3	2	9	1	4	3	6	3	4	4	1	3	2	90
010804 petroleum/coal products	5	9	2	4	3	6	0	3	5	1	3	4	1	1	1	3	1	3	3	1	2	1	3	65

010805 plastics products	71	87	71	62	68	70	50	56	67	56	53	51	50	44	55	41	52	38	57	34	41	45	53	1,272
010806 rubber products	22	20	30	22	23	9	18	20	27	15	15	23	16	20	15	15	16	7	16	13	15	9	11	397
010807 leather products	6	3	2	5	6	3	0	4	0	1	4	2	1	1	1	1	1	0	4	0	2	0	0	47
010808 painting products	1	1	3	2	0	1	2	5	0	1	1	1	1	1	0	4	0	0	0	2	2	1	1	30
010809 chemical fertilizer products	7	1	2	3	0	1	6	4	2	0	0	4	4	2	1	3	2	1	3	1	2	2	2	53
010899 other chemical products	27	33	8	17	15	15	16	18	20	17	15	13	16	11	13	18	10	10	10	11	12	15	11	351
0108 chemical products	155	172	137	132	131	125	110	127	134	105	101	111	111	90	100	97	95	75	106	72	85	82	93	2,546
010901 cement products	233	211	216	224	150	143	109	135	114	109	85	80	68	90	102	97	85	86	72	74	64	57	70	2,674
010902 glass products	40	31	37	32	39	38	36	36	27	32	17	19	29	25	18	14	14	11	14	16	16	15	22	578
010903 pottery products	9	9	13	9	11	11	8	7	2	2	3	5	0	3	6	6	7	7	4	2	1	7	4	136
010904 fire resisting products	11	8	7	2	0	5	1	7	6	3	4	1	4	1	1	2	1	3	2	2	1	3	1	76
010905 other ceramic products	10	10	8	7	12	4	12	3	9	7	6	3	2	4	3	4	7	1	4	1	2	4	2	125
010909 other sand and stone products	212	209	180	141	126	103	92	102	107	67	66	81	66	68	49	62	56	37	34	32	39	39	32	2,000
0109 sand and stone products	515	478	461	415	338	304	258	290	265	220	181	189	169	191	179	185	170	145	130	127	123	125	131	5,589
011001 steel/iron/rolling products	82	59	69	52	58	60	44	51	72	44	31	42	42	29	23	38	24	19	32	45	22	22	36	996
011002 casting products	162	157	124	96	91	116	116	107	109	113	52	81	74	81	68	71	60	64	55	62	58	56	57	2,030
011009 other steel products	105	118	104	83	80	77	64	68	71	66	41	56	50	44	49	43	35	40	33	36	41	32	42	1,378
0110 steel making	349	334	297	231	229	253	224	226	252	223	124	179	166	154	140	152	119	123	120	143	121	110	135	4,404
011101 nonferrous	37	39	26	37	23	16	19	32	29	18	17	26	15	14	11	11	17	14	11	18	12	11	19	472

metals/rolling products																								
011102 nonferrous metals casting products	36	24	30	22	21	28	29	27	30	23	11	22	27	14	20	19	19	23	17	21	13	9	15	500
011109 other nonferrous metal products	28	36	31	24	25	28	32	32	28	27	17	20	16	19	23	13	14	17	12	11	7	14	12	486
0111 nonferrous metal making	101	99	87	83	69	72	80	91	87	68	45	68	58	47	54	43	50	54	40	50	32	34	46	1,458
011201 western tableware/cutting tool products	19	16	19	7	12	15	12	7	10	12	9	5	4	4	4	9	5	3	6	0	6	4	2	190
011202 screw products	5	14	16	11	14	8	8	15	9	15	5	8	5	9	6	2	7	5	9	6	7	3	4	191
011203 metal press products	111	112	116	144	92	130	109	107	116	83	72	79	57	57	68	61	55	57	72	76	80	62	48	1,964
011204 metal plating products	50	46	44	59	33	24	42	49	39	43	19	30	32	32	28	32	24	25	34	28	27	26	23	789
011209 other metal products	1,887	1,726	1,648	1,467	1,372	1,371	1,247	1,261	1,220	1,165	937	826	819	844	790	836	797	779	791	820	676	646	657	24,582
0112 metal products	2,072	1,914	1,843	1,688	1,523	1,548	1,418	1,439	1,394	1,318	1,042	948	917	946	896	940	888	869	912	930	796	741	734	27,716
011301 machine products	436	384	420	348	368	351	365	381	369	306	246	217	241	241	226	246	215	206	216	183	197	160	187	6,509
011302 measuring instruments	7	10	8	10	3	5	9	5	5	7	7	5	7	2	3	2	4	2	5	2	1	3	4	116
011303 optical instruments	2	4	5	5	5	5	6	5	5	3	1	3	7	4	3	2	3	3	4	2	3	1	1	82
011304 watch products	2	0	3	-	0	2	1	0	1	1	0	1	2	0	0	3	0	0	0	0	0	0	0	16
011305 other precision machine products	43	44	49	34	42	32	39	39	26	41	15	16	25	26	14	19	16	25	14	18	14	13	17	621
0113 machine products	490	442	485	397	418	395	420	430	406	358	269	242	282	273	246	272	238	236	239	205	215	177	209	7,344
011401 heavy electrical equipment	9	13	15	12	14	7	17	13	15	12	9	8	5	12	9	10	8	13	6	14	10	13	5	249

011402 electrical appliance	16	15	19	20	16	17	14	11	22	17	12	13	12	8	9	10	9	14	9	8	6	6	7	290
011403 electronics equipment and telecommunications apparatus	23	37	29	29	34	28	32	19	33	25	17	24	13	16	14	14	16	18	11	16	18	16	16	498
011409 other electrical equipment	65	66	54	51	57	67	51	51	58	57	34	41	43	33	28	30	21	25	40	30	41	23	24	990
0114 electrical equipment products	113	131	117	112	121	119	114	94	128	111	72	86	73	69	60	64	54	70	66	68	75	58	52	2,027
011501 ship building	108	122	103	123	89	84	97	126	130	108	87	84	63	64	55	57	87	80	69	57	47	43	45	1,928
011502 auto mobile products	162	155	181	148	168	170	206	206	190	169	105	115	102	118	112	115	114	109	120	113	133	85	110	3,206
011503 railway vehicle products	11	8	5	6	10	10	7	6	6	8	6	2	4	3	3	2	4	4	3	0	5	4	4	121
011509 other transport equipment products	52	45	41	35	51	39	42	44	47	37	25	21	36	20	20	27	17	26	30	29	34	20	16	754
0115 transport equipment products	333	330	330	312	318	303	352	382	373	322	223	222	205	205	190	201	222	219	222	199	219	152	175	6,009
011601 electric utility service	0	1	2	2	0	1	3	0	3	2	0	0	1	1	1	0	1	1	0	1	0	2	2	24
011602 city gas service	3	1	2	2	1	1	2	1	2	0	0	0	1	0	2	0	1	0	0	0	1	0	1	21
011603 city water service	1	2	3	-	2	-	5	5	2	2	2	4	2	2	2	1	2	1	0	1	2	0	1	42
011609 other electric/gas/water service	1	0	0	-	0	-	2	0	1	0	2	0	0	0	0	1	0	0	1	1	0	0	0	9
0116 electric/gas/water service	5	4	7	4	3	2	12	6	8	4	4	4	4	3	5	2	4	2	1	3	3	2	4	96
011701 auto mobile servicing	96	94	81	80	61	59	63	53	60	45	53	42	34	53	42	37	35	29	47	46	36	38	42	1,226
011702 machine repair	28	32	46	38	35	37	44	27	30	38	25	20	22	30	21	21	16	13	13	15	10	21	9	591

011703 cleaning	17	10	14	12	9	9	8	12	13	14	8	4	10	10	18	9	15	10	8	12	5	9	2	238
011704 tobacco products	0	2	2	-	2	1	1	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	1	13
011709 other manufacturing	135	123	113	99	66	100	113	86	98	76	63	52	64	65	58	66	58	51	57	53	65	53	57	1,771
0117 other manufacturing	276	261	256	229	173	206	229	178	201	173	149	121	130	158	139	133	124	103	126	126	116	121	111	3,839
01 manufacturing	5,700	5,399	5,107	4,525	4,206	4,203	4,012	4,100	3,973	3,519	2,728	2,724	2,646	2,719	2,531	2,575	2,424	2,349	2,414	2,405	2,235	2,018	2,105	76,617
020101 general coal mining	18	10	16	1	0	-	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	48
020109 other coal mining	0	0	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0201 coal mining	18	10	17	2	0	-	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	50
020201 quarrying	36	24	21	34	22	19	21	22	24	13	7	12	13	8	10	12	6	10	5	6	4	5	7	341
020202 gravel digging	13	16	16	12	10	6	13	6	6	10	3	5	2	6	3	4	3	4	3	7	3	3	2	156
020209 other quarrying	2	3	3	1	2	3	2	4	4	5	3	3	2	2	0	0	0	0	1	1	0	0	2	43
0202 quarrying	51	43	40	47	34	28	36	32	34	28	13	20	17	16	13	16	9	14	9	14	7	8	11	540
020301 metal mining	3	0	2	2	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	12
020302 petroleum mining	0	0	0	-	0	-	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
020309 other mining	3	5	1	-	1	-	0	3	1	2	2	0	0	0	0	0	0	2	1	1	3	1	1	27
0203 other mining	6	5	3	2	1	1	1	3	3	2	2	0	0	1	0	0	0	3	1	1	4	1	1	41
02 mining	75	58	60	51	35	29	37	35	37	31	15	20	17	17	13	16	9	17	11	16	11	9	12	631
030101 hydroelectric plant construction work	3	5	2	5	2	3	5	2	2	0	2	0	0	1	4	2	4	1	1	2	4	1	0	51
030102 tunnel construction work	16	11	13	8	11	9	15	10	7	9	6	5	7	3	5	7	7	3	6	8	15	6	4	191
030103 subway construction work	12	4	3	-	1	3	1	1	1	1	4	2	1	0	1	0	0	0	0	1	0	0	0	36
030104 railway construction work	26	21	22	17	20	12	17	13	14	16	14	17	13	10	9	12	13	12	19	14	13	8	16	348

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construction work	629	677	611	629	645	592	595	633	616	535	469	498	438	470	484	459	395	404	379	408	409	427	436	11,838
0302 construction work	2,336	2,303	2,215	2,138	1,986	1,963	1,839	1,807	1,704	1,496	1,189	1,193	1,205	1,272	1,312	1,294	1,098	1,048	1,025	1,012	1,034	1,022	967	34,458
030301 electricity/telecommunication work	60	59	65	52	39	41	34	37	48	43	37	32	38	36	29	37	25	32	31	32	30	27	27	891
030302 machinery/apparatus setting work	89	68	84	62	67	74	60	67	71	83	52	57	54	60	51	43	48	33	50	52	38	51	40	1,354
030309 other construction works	270	238	271	261	244	240	236	246	222	180	171	199	195	183	196	215	219	191	209	216	227	208	238	5,075
0303 other construction works	419	365	420	375	350	355	330	350	341	306	260	288	287	279	276	295	292	256	290	300	295	286	305	7,320
03 construction	4,370	4,287	3,921	3,659	3,265	3,134	2,997	2,905	2,736	2,382	2,015	2,002	1,998	2,058	2,035	2,066	1,815	1,716	1,741	1,702	1,734	1,688	1,647	57,873
040101 railroad service	5	11	5	8	7	8	8	9	7	6	7	11	10	8	3	5	11	3	4	7	8	10	7	168
040102 water transportation service	2	0	0	2	0	2	2	2	1	2	0	3	1	0	2	2	2	2	2	1	1	1	1	31
040103 airline service	2	1	2	2	1	1	0	2	1	1	0	0	1	5	0	2	1	2	0	1	1	1	1	28
0401 railroad/water transportation/airline service	9	12	7	12	8	11	10	13	9	9	7	14	12	13	5	9	14	7	6	9	10	12	9	227
040201 taxi service	3	12	6	3	5	2	5	9	3	8	7	5	13	11	2	3	7	4	2	6	5	4	6	131
040202 bus service	10	9	14	4	9	10	4	11	8	9	5	11	5	7	7	12	6	2	4	5	4	4	9	169
040209 other passenger transport service	2	0	0	-	1	2	0	0	0	1	0	0	0	0	0	4	1	0	1	0	0	0	0	12
0402 road passenger transport service	15	21	20	7	15	14	9	20	11	18	12	16	18	18	9	19	14	6	7	11	9	8	15	312
040301 general truck	912	899	878	789	765	745	685	707	700	641	525	519	529	517	548	543	480	441	489	482	441	413	410	14,058

transportation service																								
040302 specific truck transportation service	43	40	26	26	37	27	29	24	24	11	19	13	11	12	16	15	9	11	12	18	12	18	7	460
040303 cargo/ light automobile transportation service	4	1	5	5	2	11	3	4	8	3	1	7	2	1	1	2	2	4	4	3	3	1	1	78
040309 other land cargo transportation service	42	31	26	21	31	19	38	42	31	16	16	11	16	22	23	15	14	11	12	19	15	5	6	482
0403 road cargo transportation service	1,001	971	935	841	835	802	755	777	763	671	561	550	558	552	588	575	505	467	517	522	471	437	424	15,078
040409 other transportation service	4	6	4	2	7	4	3	2	6	6	3	3	2	0	5	7	3	3	2	1	3	1	1	78
0404 other transportation service	4	6	4	2	7	4	3	2	6	6	3	3	2	0	5	7	3	3	2	1	3	1	1	78
04 transportation service	1,029	1,010	966	862	865	831	777	812	789	704	583	583	590	583	607	610	536	483	532	543	493	458	449	15,695
050101 land cargo handling service	82	63	68	56	65	69	48	60	58	53	40	31	36	39	43	40	42	49	58	29	51	33	46	1,159
0501 land cargo handling service	82	63	68	56	65	69	48	60	58	53	40	31	36	39	43	40	42	49	58	29	51	33	46	1,159
050201 general harbor transportation service	19	13	10	10	15	11	15	4	12	8	6	4	9	6	6	6	4	9	8	6	15	1	2	199
050202 port cargo handling service	57	50	40	52	47	35	54	38	46	39	22	28	25	13	26	34	20	20	19	17	29	20	20	751
050209 other harbor transportation service	0	3	5	3	2	4	1	0	1	1	3	4	3	2	2	2	2	2	1	1	1	4	2	49
0502 port cargo	76	66	55	65	64	50	70	42	59	48	31	36	37	21	34	42	26	31	28	24	45	25	24	999

transportation service																								
05 cargo handling service	158	129	123	121	129	119	118	102	117	101	71	67	73	60	77	82	68	80	86	53	96	58	70	2,158
060101 agriculture	37	38	40	52	44	40	34	33	40	23	37	47	42	41	36	35	31	47	46	39	37	41	49	909
0601 agriculture	37	38	40	52	44	40	34	33	40	23	37	47	42	41	36	35	31	47	46	39	37	41	49	909
060201 lumbering	184	149	133	136	97	121	130	112	116	80	71	89	86	68	88	70	59	68	40	64	47	56	44	2,108
060209 other forestry	69	69	54	72	61	61	58	47	44	29	40	43	50	47	40	26	31	28	25	24	17	20	16	971
0602 forestry	253	218	187	208	158	182	188	159	160	109	111	132	136	115	128	96	90	96	65	88	64	76	60	3,079
06 agriculture	290	256	227	260	202	222	222	192	200	132	148	179	178	156	164	131	121	143	111	127	101	117	109	3,988
070101 livestock	24	25	21	21	22	19	35	18	20	16	18	27	20	19	13	20	18	15	14	21	19	14	22	461
0701 livestock	24	25	21	21	22	19	35	18	20	16	18	27	20	19	13	20	18	15	14	21	19	14	22	461
070201 fishery	21	16	14	19	13	18	9	8	13	16	13	17	16	10	4	4	6	6	11	5	11	6	8	264
070209 other fishery	12	7	7	12	9	7	12	12	6	8	2	3	6	1	7	10	1	7	7	6	6	8	3	159
0702 fishery	33	23	21	31	22	25	21	20	19	24	15	20	22	11	11	14	7	13	18	11	17	14	11	423
07 livestock/fishery	57	48	42	52	44	44	56	38	39	40	33	47	42	30	24	34	25	28	32	32	36	28	33	884
080101 all kinds of wholesale	34	33	32	18	19	16	10	17	15	9	6	5	4	6	4	2	4	10	12	5	3	1	5	270
080102 furniture/fittings wholesale	10	9	9	7	3	6	3	8	1	3	3	3	6	5	6	6	2	2	3	2	1	2	2	102
080109 other wholesale	215	186	160	154	164	188	151	162	158	142	126	112	125	127	130	131	126	136	139	151	128	133	150	3,394
0801 wholesale	259	228	201	179	186	210	164	187	174	154	135	120	135	138	140	139	132	148	154	158	132	136	157	3,766
080201 all kinds of retail	168	129	151	145	150	143	136	112	110	84	80	73	76	56	51	68	46	61	54	52	40	38	33	2,056
080202 auto mobile retail	13	14	8	16	12	12	14	11	11	18	11	11	10	12	14	10	8	16	11	8	9	9	12	270
080203 furniture/fittings retail	13	16	22	10	13	8	11	11	8	14	8	7	12	10	9	8	11	11	11	6	9	10	9	247
080204 fuel retail	16	15	25	17	21	21	20	15	11	14	8	14	10	10	7	10	6	9	7	6	5	9	10	286
080205 newspaper retail	10	14	14	19	9	18	13	7	8	9	3	7	7	8	8	9	7	10	14	7	11	11	8	231

080209 other retails	254	268	255	266	240	297	291	283	276	266	222	253	221	276	250	261	236	243	220	248	245	265	263	5,899
0802 retail	474	456	475	473	445	499	485	439	424	405	332	365	336	372	339	366	314	350	317	327	319	342	335	8,989
080301 haircut	0	0	0	1	1	-	0	2	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	9
080302 beauty salon	3	3	0	6	3	3	2	2	2	3	1	1	2	2	1	1	0	3	6	2	2	4	1	53
0803 haircut/beauty salon	3	3	0	7	4	3	2	4	2	3	1	1	3	2	1	2	1	4	6	2	2	5	1	62
080401 warehousing	26	17	24	19	20	12	22	16	29	19	12	14	14	18	16	22	29	11	20	23	11	13	22	429
080409 other commerce	67	67	63	78	64	73	49	66	58	52	60	50	51	67	51	51	59	61	54	49	49	36	52	1,327
0804 other commerce	93	84	87	97	84	85	71	82	87	71	72	64	65	85	67	73	88	72	74	72	60	49	74	1,756
08 commerce	829	771	763	756	719	797	722	712	687	633	540	550	539	597	547	580	535	574	551	559	513	532	567	14,573
090101 banking/trust business	2	2	3	2	0	2	0	0	1	1	2	0	1	1	3	0	2	1	1	1	1	0	0	26
090102 stock/commodity trade business	2	0	0	-	0	-	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
090103 insurance business	2	2	2	2	2	2	3	5	2	0	1	2	4	4	2	2	1	1	3	3	2	1	2	50
090109 other financial business	2	2	0	1	0	-	2	1	0	0	0	2	2	0	0	0	0	0	0	0	0	1	1	14
0901 financial business	8	6	5	5	2	4	5	7	3	1	3	4	7	5	5	2	3	2	4	4	3	2	3	93
090201 traveling service	0	0	2	-	0	-	1	0	0	0	0	0	1	1	1	0	1	1	0	0	1	0	0	9
090209 other advertisement and mediator	6	9	4	4	7	5	7	8	5	6	2	5	2	4	1	6	4	2	3	1	5	1	2	99
0902 advertisement and mediator	6	9	6	4	7	5	8	8	5	6	2	5	3	5	2	6	5	3	3	1	6	1	2	108
09 financial business/advertisement	14	15	11	9	9	9	13	15	8	7	5	9	10	10	7	8	8	5	7	5	9	3	5	201
100101 movie production	2	0	4	2	2	2	2	2	1	0	4	0	1	1	0	1	1	1	1	2	0	0	1	30

and delivery service																								
100102 movie theatre	0	0	0	-	0	-	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
100109 other movie/play service	2	3	5	1	1	5	4	1	1	3	4	2	3	5	4	3	4	0	2	4	3	1	3	64
1001 movie/play service	4	3	9	3	3	7	6	3	2	4	8	3	4	6	4	4	5	1	3	6	3	1	4	96
10 movie/play service	4	3	9	3	3	7	6	3	2	4	8	3	4	6	4	4	5	1	3	6	3	1	4	96
110101 telecommunication service	4	6	0	2	2	5	21	15	16	11	7	12	21	9	13	11	7	12	10	3	8	9	12	216
1101 telecommunication service	4	6	0	2	2	5	21	15	16	11	7	12	21	9	13	11	7	12	10	3	8	9	12	216
11 telecommunication service	4	6	0	2	2	5	21	15	16	11	7	12	21	9	13	11	7	12	10	3	8	9	12	216
120101 auto mobile practical training	1	0	1	-	1	-	0	0	1	0	0	0	0	1	0	0	1	1	1	1	1	1	0	11
120102 software service	0	1	0	-	0	-	0	0	0	1	0	0	0	0	0	0	0	2	1	1	0	0	0	6
120109 other education/research service	31	24	21	21	18	15	16	27	21	27	13	18	18	17	18	19	19	16	16	19	19	16	11	440
1201 education/research service	32	25	22	21	19	15	16	27	22	28	13	18	18	18	18	19	20	19	18	21	20	17	11	457
12 education/research service	32	25	22	21	19	15	16	27	22	28	13	18	18	18	18	19	20	19	18	21	20	17	11	457
130101 hospital	20	30	25	26	29	36	21	29	28	18	17	16	22	13	19	10	18	13	15	19	21	29	15	489
130102 general clinic	1	2	3	1	2	2	2	5	4	3	1	3	2	4	2	3	0	4	3	2	2	1	4	56
130109 other medical treatment service	2	4	3	3	1	6	3	4	8	2	1	4	5	5	4	3	3	3	3	3	1	1	1	73
1301 medical treatment service	23	36	31	30	32	44	26	38	40	23	19	23	29	22	25	16	21	20	21	24	24	31	20	618
130201 social welfare facility	19	27	27	46	40	50	48	48	70	40	54	54	47	73	64	66	62	61	70	75	69	77	87	1,274

1302 social welfare facility	19	27	27	46	40	50	48	48	70	40	54	54	47	73	64	66	62	61	70	75	69	77	87	1,274
130301 bathhouse	5	4	2	4	3	3	5	2	8	3	2	2	2	3	5	4	1	3	4	5	3	4	2	79
130309 other health and hygiene service	2	0	4	2	3	2	8	3	3	1	4	1	2	4	1	2	1	2	1	2	2	1	1	52
1303 other health and hygiene service	7	4	6	6	6	5	13	5	11	4	6	3	4	7	6	6	2	5	5	7	5	5	3	131
13 health and hygiene service	49	67	64	82	78	99	87	91	121	67	79	80	80	102	95	88	85	86	96	106	98	113	110	2,023
140101 hotel	84	73	90	77	67	68	49	69	61	60	63	53	56	58	63	48	52	41	31	41	46	26	31	1,307
1401 hotel	84	73	90	77	67	68	49	69	61	60	63	53	56	58	63	48	52	41	31	41	46	26	31	1,307
140201 general restaurant	268	240	262	292	288	279	281	342	302	297	340	309	297	386	343	333	338	311	278	266	299	239	231	6,821
140209 other restaurants	24	37	27	36	46	43	41	44	31	37	32	41	36	30	25	38	30	27	25	22	23	19	14	728
1402 restaurant	292	277	289	328	334	322	322	386	333	334	372	350	333	416	368	371	368	338	303	288	322	258	245	7,549
140301 golf course	55	65	53	57	45	50	40	58	66	32	41	29	32	19	16	26	22	21	26	20	18	12	14	817
140302 park and amusement park	3	12	5	6	6	5	4	2	6	1	6	3	0	6	3	2	4	2	3	7	7	3	4	100
140309 other amusement service	28	26	24	36	34	32	26	33	32	38	37	23	28	37	31	19	29	25	28	26	21	20	10	643
1403 other amusement service	86	103	82	99	85	87	70	93	104	71	84	55	60	62	50	47	55	48	57	53	46	35	28	1,560
14 amusement service	462	453	461	504	486	477	441	548	498	465	519	458	449	536	481	466	475	427	391	382	414	319	304	10,416
150101 building maintenance service	90	76	69	86	96	82	72	79	70	66	68	54	55	64	73	64	55	47	50	56	53	51	51	1,527
150102 industrial waste management service	114	124	120	120	114	124	117	169	168	173	105	118	137	132	145	139	141	139	150	124	155	162	131	3,121
150103 other waste disposal	73	77	80	89	83	89	87	94	69	78	78	57	85	56	80	76	58	59	53	43	64	65	52	1,645

service																								
150104 cremation service	0	0	1	-	0	-	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
150105 livestock process service	0	2	2	-	2	-	3	1	2	1	2	2	0	2	0	1	1	2	2	4	2	1	1	33
150109 other cleaning and livestock process service	72	70	75	63	58	65	53	58	53	57	42	55	37	33	38	51	43	34	35	33	45	40	36	1,146
1501 commercial cleaning	349	349	347	358	353	360	332	401	362	375	295	286	314	288	336	331	299	281	290	260	319	319	271	7,475
15 commercial cleaning	349	349	347	358	353	360	332	401	362	375	295	286	314	288	336	331	299	281	290	260	319	319	271	7,475
160101 public office	9	8	9	10	7	4	9	6	3	5	1	7	1	2	2	1	3	2	3	2	3	3	3	103
1601 public office	9	8	9	10	7	4	9	6	3	5	1	7	1	2	2	1	3	2	3	2	3	3	3	103
16 public office	9	8	9	10	7	4	9	6	3	5	1	7	1	2	2	1	3	2	3	2	3	3	3	103
170101 dispatch service	1	9	10	12	13	21	5	6	12	11	8	5	9	7	6	10	6	9	15	9	8	9	3	204
1701 dispatch service	1	9	10	12	13	21	5	6	12	11	8	5	9	7	6	10	6	9	15	9	8	9	3	204
170201 security service	25	32	44	34	31	37	36	40	45	40	30	28	34	29	29	34	32	31	42	33	36	25	28	775
170202 information processing service	1	0	0	1	1	-	0	0	0	0	0	0	0	1	1	2	1	1	1	0	2	0	2	14
170209 others	224	250	232	210	198	210	193	194	171	147	147	152	165	167	148	147	127	137	133	136	134	109	125	3,856
1702 others	250	282	276	245	230	247	229	234	216	187	177	180	199	197	178	183	160	169	176	169	172	134	155	4,645
17 others	251	291	286	257	243	268	234	240	228	198	185	185	208	204	184	193	166	178	191	178	180	143	158	4,849
total	13,682	13,175	12,418	11,532	10,665	10,623	10,100	10,242	9,838	8,702	7,245	7,230	7,188	7,395	7,138	7,215	6,601	6,401	6,487	6,400	6,273	5,835	5,870	198,255

Fatal accidents caused by materials as Causal(M) agents in 1999-2021

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

1702 others	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4
17 others	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	6
total	41	38	46	39	22	30	40	36	34	29	24	24	19	23	24	16	25	12	20	18	9	15	16	600

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>