

Industrial accidents in chemical products in Japan in 1999-2020

chemical products industry Code No.0108

Type of accidents in chemical products in 1999-2020

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
fall from height	313	300	351	279	311	264	313	284	273	321	229	228	264	236	204	244	221	227	239	247	247	243
falling to same level	327	324	308	247	294	322	323	314	308	347	272	259	316	306	299	319	274	352	361	386	367	344
crash	124	115	116	106	104	91	115	102	111	102	82	95	96	79	79	87	88	90	92	115	103	95
struck by flying or falling object	203	186	168	143	148	146	131	137	122	131	111	111	123	103	98	112	108	94	100	105	84	103
collapse	41	58	39	28	42	41	38	52	46	47	24	29	32	32	36	27	40	29	21	31	24	29
crashed by	101	111	85	97	84	69	77	83	99	89	47	65	69	53	81	73	58	79	75	72	73	65
caught in/between	1,075	1,073	1,006	898	901	867	843	855	809	778	629	631	642	649	565	584	584	543	561	579	598	520
cut	279	264	264	250	268	243	246	212	226	202	147	141	182	168	171	155	153	140	140	159	129	141
injury to the sole of the foot	5	3	6	6	2	2	4	0	5	2	1	2	4	3	0	5	8	4	3	5	0	4
drown	0	2	2	-	0	-	0	0	0	0	0	0	9	0	0	0	0	1	0	1	0	0

contact to high/low-temperature	92	90	99	85	70	87	83	74	78	73	60	74	67	54	66	62	46	54	77	70	77	59
contact to harmful substance	49	63	71	62	52	77	59	58	73	41	40	47	43	45	26	45	51	53	48	54	45	45
electric shock	2	3	6	4	5	5	1	3	4	1	4	2	3	5	3	4	3	6	4	4	4	3
explosion	11	23	11	22	10	18	12	8	19	12	11	12	16	22	13	9	3	5	5	10	14	5
burst	3	3	3	2	7	-	2	2	3	5	1	0	2	2	1	2	0	3	4	3	1	0
fire	12	10	11	8	9	6	9	18	13	6	10	8	4	5	3	6	5	6	2	4	3	13
traffic accident (public road)	26	30	24	25	33	23	23	17	24	10	25	22	18	21	16	12	10	17	15	22	25	18
traffic accident (others)	1	1	1	-	0	1	1	1	2	1	1	2	0	0	0	0	2	0	4	0	0	2
reaction to motion/improper motion	238	218	205	173	207	210	221	242	266	239	194	220	227	212	196	187	180	208	233	234	229	262
others	11	11	8	5	7	7	11	7	19	8	6	10	11	3	7	10	8	6	6	15	12	39
unclassifiable	3	3	7	3	4	3	5	0	8	2	1	1	2	3	5	6	2	2	0	4	4	3
total	2,916	2,891	2,791	2,443	2,558	2,482	2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993

Causal agents (middle) of industrial accidents in chemical products in 1999-2020

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
engine	1	2	3	-	1	4	0	1	3	1	1	0	0	2	1	2	0	0	1	0	0	1
power transmission mechanism	45	38	31	28	31	28	36	24	23	27	26	26	21	19	32	28	22	17	18	19	17	13
woodworking machine	41	37	25	22	43	23	37	34	31	17	22	17	26	21	23	18	24	19	14	18	18	14
construction machine	9	5	12	4	8	5	3	3	3	5	7	5	4	4	3	9	3	1	3	0	6	3
metal manufacturing machine	161	142	120	99	102	87	101	78	75	64	45	47	67	61	57	59	56	56	54	61	55	60
general machine	919	922	898	759	817	800	725	730	735	695	577	537	560	558	505	467	515	464	458	499	472	429
mobile silviculture machine																	0	0	0	0	0	0
crane	39	40	31	28	29	28	34	27	26	29	17	17	27	20	18	17	23	22	14	22	24	25
conveying	234	251	242	224	206	207	219	222	226	221	147	177	161	149	157	161	151	175	166	169	181	159

other construction machines			1	0		2	1	0	0	1	0	0	1	1	1	0	1	0	0	0	0
lathe			21	19		15	9	6	14	6	8	11	10	6	10	6	11	9	9	7	8
drill press, milling machine			18	13		6	7	8	12	7	5	8	9	9	9	10	9	4	12	9	13
grinding machine, buffing machine			7	7		11	14	12	7	4	4	9	9	6	9	6	8	10	6	7	5
power press			27	29		26	22	17	16	16	14	13	18	14	12	17	11	17	19	17	16
forging pressure hammer			0	0		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
shearing machine			11	14		11	7	7	4	5	4	3	6	5	6	3	6	3	5	5	5
other metal manufacturing machines			36	20		31	19	24	11	7	12	23	9	17	13	14	11	11	10	10	13
centrifugal machine			0	1		0	2	4	2	1	0	3	0	0	0	3	4	1	7	0	1
mixer, grinder			82	79		56	72	77	52	50	37	46	60	44	45	52	55	47	47	49	41
roll machine (except printingroll machine)			139	114		87	96	92	99	91	93	91	89	92	75	72	65	71	62	88	71
injection molding machine			132	132		121	103	111	75	76	81	57	70	56	49	51	52	45	52	42	43

hauling equipment			49		63		56	36	64	58	36	49	62	48	49	45	48	60	64	57	69	52
human power machine			8		1		3	1	6	2	2	4	3	2	5	5	5	2	4	4	2	1
hand tool			88		51		71	78	61	71	45	59	57	56	56	52	36	57	57	49	49	57
ladder			91		91		89	77	92	101	67	74	78	77	68	84	77	76	80	97	84	96
slinging tool			9		8		7	9	6	4	6	9	4	4	2	6	5	8	6	6	7	3
other tools			74		80		94	83	97	102	72	62	81	60	79	79	79	100	104	91	85	93
other equipment, facilities			84		70		80	64	74	82	65	72	69	71	60	82	72	67	53	68	51	74
scaffolding			4		4		3	5	4	6	2	4	5	3	6	3	3	2	5	4	5	2
timbering			0		0		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
stairs, landing stage			97		87		101	87	81	94	75	60	74	69	51	94	69	74	92	86	96	92
opening			3		3		6	5	9	10	2	8	7	8	4	7	2	8	3	2	8	8
roof, beam, haze, crossbeam, principal rafter			3		9		10	7	6	9	5	3	5	3	4	4	6	4	2	4	5	5
working platform, boot board			57		64		53	62	51	68	52	52	69	62	40	54	51	56	46	47	56	38
passage			130		110		153	153	131	140	96	104	124	133	111	136	115	143	145	196	164	158
building,			56		49		38	51	47	60	41	43	54	50	43	32	39	52	45	41	35	34

30-39	504	578	549	522	596	587	618	584	597	564	455	503	490	488	420	470	398	418	353	429	376	366
40-49	662	599	572	465	504	442	477	486	492	480	374	429	481	445	431	473	446	475	508	545	522	497
50-59	828	810	745	626	646	642	626	586	608	584	441	413	490	407	393	394	395	428	468	497	445	452
60 years old or more	253	245	271	226	248	264	254	257	276	309	230	233	270	271	251	227	268	251	297	303	299	319
total	2,916	2,891	2,791	2,443	2,558	2,482	2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993

Workers' number of workplace of industrial accidents in chemical products in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	543	520	510	459	508	489	450	441	379	307	280	251	254	231	222	242	210	209	210	214	175	165
10-29	770	772	743	648	663	615	649	618	554	578	436	454	524	494	470	472	466	427	470	452	416	417
30-49	466	487	445	383	376	393	376	361	401	406	280	287	327	335	276	265	303	289	311	345	309	303
50-99	460	412	441	386	410	404	418	417	433	389	314	325	411	323	318	343	290	347	364	382	400	360
100-299	476	452	427	392	431	387	414	421	517	490	406	450	408	381	390	416	401	448	438	467	502	489
300 workers or more	201	248	225	175	170	194	210	211	224	247	179	192	206	237	193	211	174	199	197	260	237	259
total	2,916	2,891	2,791	2,443	2,558	2,482	2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993

Month of industrial accidents in chemical products in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	239	259	215	189	207	200	202	214	189	230	182	187	175	158	147	171	139	179	187	204	155	170
February	264	256	276	213	219	195	205	235	217	225	146	155	182	178	169	182	161	164	181	188	189	181
March	263	258	251	210	198	206	224	223	239	223	156	180	182	167	136	164	149	141	189	185	167	166
April	226	214	248	220	223	212	198	194	220	214	149	149	172	174	156	148	153	165	132	163	164	152
May	221	233	223	186	225	185	185	212	212	184	140	150	166	181	155	152	136	148	147	174	150	138
June	274	269	241	181	204	256	239	206	202	204	167	183	180	173	148	179	184	152	160	178	182	172
July	231	259	274	238	229	236	232	224	217	230	192	176	195	166	193	161	180	152	171	182	194	159
August	260	213	211	196	220	197	220	200	209	209	156	166	170	170	153	150	145	181	170	176	178	178
September	254	262	197	222	242	219	220	190	198	190	139	169	169	160	149	162	139	154	158	166	190	183
October	249	236	255	212	221	218	202	184	215	204	156	167	193	165	159	181	168	182	171	176	161	193
November	219	242	211	204	198	182	190	201	211	167	156	148	164	171	168	159	156	162	159	193	169	155
December	216	190	189	172	172	176	200	186	179	137	156	129	182	138	136	140	134	139	165	135	140	146
total	2,916	2,891	2,791	2,443	2,558	2,482	2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993

Prefecture of industrial accidents in chemical products in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	54	44	53		31		30	31	43	35	38	35	32	37	38	36	22	40	32	30	29	32
Aomori	10	7	9		3		1	3	1	3	3	3	4	5	1	2	3	1	5	2	2	3

Iwate	17	22	18		16		26	19	23	19	9	10	24	19	15	14	13	22	14	16	13	22
Miyagi	31	24	23		40		36	21	23	29	25	23	29	25	19	18	25	20	19	20	16	28
Akita	11	8	13		11		7	5	12	19	7	5	5	10	8	9	7	3	4	12	13	9
Yamagata	9	23	16		24		20	23	15	18	15	17	23	15	22	10	17	17	22	13	12	13
Fukushima	47	33	48		38		46	50	51	38	41	41	37	36	33	31	25	32	44	47	40	40
Ibaraki	94	101	113		79		116	103	97	96	84	73	99	70	60	68	84	70	86	85	88	103
Tochigi	74	75	75		73		70	72	65	67	59	48	65	79	58	46	48	56	56	63	73	45
Gunma	69	83	73		78		75	67	86	69	48	61	56	54	57	63	58	75	49	65	61	76
Saitama	186	183	167		191		152	162	164	148	130	151	121	133	117	128	129	122	133	119	126	114
Chiba	96	98	107		61		95	89	102	110	91	102	66	81	88	73	75	76	69	85	83	89
Tokyo	129	119	118		103		84	67	63	63	44	57	53	37	46	48	32	45	51	37	46	36
Kanagawa	116	104	118		91		113	87	81	86	69	81	84	78	69	79	59	79	67	74	70	79
Niigata	50	38	43		45		45	54	52	46	29	28	36	28	30	39	22	28	20	30	28	35
Toyama	44	62	35		65		42	55	69	48	54	39	45	49	27	55	46	49	40	47	38	36
Ishikawa	8	12	15		17		5	12	11	9	7	9	7	11	8	11	6	13	15	13	13	10
Fukui	23	21	42		12		27	22	29	35	15	27	29	29	15	24	24	31	26	28	20	24
Yamanashi	15	15	11		17		18	20	18	21	29	6	15	10	8	15	13	12	15	12	20	10
Nagano	41	46	31		20		32	27	29	36	16	22	32	23	15	35	39	42	24	23	25	35
Gifu	74	106	93		73		86	85	90	71	43	75	71	55	64	59	54	59	50	66	64	67
Shizuoka	145	163	155		127		120	123	128	130	98	111	123	103	87	93	91	118	125	118	108	99

Aichi	231	233	189		207		179	182	144	167	128	136	154	156	140	140	142	127	139	163	153	154
Mie	85	86	93		88		80	88	93	100	55	66	62	62	77	80	56	62	66	64	57	52
Shiga	60	65	62		74		58	59	57	77	50	47	49	48	67	64	41	57	68	55	66	56
Kyoto	49	31	27		47		39	42	31	28	16	11	28	23	18	14	30	20	24	29	30	31
Osaka	326	305	284		252		233	279	239	206	204	190	179	183	169	188	157	164	175	200	157	155
Hyogo	226	211	163		194		163	146	132	149	90	107	135	117	109	114	113	101	114	123	126	114
Nara	78	72	92		71		79	81	73	68	63	56	62	67	68	58	50	51	74	62	61	52
Wakayama	53	36	42		32		37	40	35	22	18	32	35	20	31	15	21	12	27	31	28	28
Tottori	8	6	12		4		8	6	9	6	6	3	7	2	3	3	5	3	2	6	6	4
Shimane	9	9	7		9		14	7	13	5	5	5	15	8	7	6	4	11	12	12	10	12
Okayama	59	54	50		55		57	49	74	66	39	52	56	49	47	58	50	48	46	59	66	58
Hiroshima	48	61	73		59		46	40	50	61	46	44	52	56	38	46	38	40	44	40	49	32
Yamaguchi	55	59	52		45		53	39	48	46	34	29	35	34	33	36	35	35	28	36	43	43
Tokushima	32	25	23		23		30	22	29	29	26	15	24	21	16	14	26	18	24	18	25	12
Kagawa	44	29	32		25		31	20	29	23	19	19	27	28	20	19	28	19	21	38	26	23
Ehime	20	23	35		12		18	14	16	16	12	15	20	21	21	11	13	16	17	13	13	15
Kochi	3	4	5		4		2	2	6	3	4	3	4	6	6	5	3	5	6	1	6	7
Fukuoka	97	95	85		82		70	67	82	65	73	52	71	56	50	53	64	58	57	68	52	62
Saga	15	22	15		16		19	15	16	27	12	16	17	11	20	14	13	12	18	33	24	20
Nagasaki	6	2	7		5		0	8	7	5	3	3	4	3	2	2	4	2	6	2	3	2

traffic accident (others)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
reaction to motion/improper motion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
others	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	0	0	
unclassifiable	0	0	1	0	1	0	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	
total	28	26	24	22	25	22	22	25	17	28	19	11	22	17	17	11	22	12	11	18	12	10	

Causal agents (middle) of fatal accidents in chemical products in 1999-2020

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
engine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power transmission mechanism	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
woodworking machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
construction machine	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0
metal manufacturing machine	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
general machine	9	9	6	7	6	4	7	7	3	7	6	4	5	4	3	3	8	3	0	3	1	6
mobile silviculture machine																	0	0	0	0	0	0
crane	1	1	0	1	0	0	1	1	1	0	0	0	1	0	2	0	0	0	0	0	1	0
conveying machine	6	6	2	5	8	6	3	5	5	3	3	1	1	0	1	1	5	1	4	3	0	2

vehicle	0	0	0	3	2	1	1	0	0	1	0	0	2	0	1	0	0	0	0	0	1	0
pressure vessel	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	1	0	0	0	0	0	2	5	0	1	0	0	3	1	0	0	0	0	1
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
kiln, caldron	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
electric equipment	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
tools	1	0	1	0	0	2	0	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0
other equipments, facilities	0	2	1	0	1	1	1	0	0	3	0	0	0	1	3	1	1	1	0	0	1	0
temporary buildings, establishments	2	1	1	0	2	1	3	3	1	2	1	1	2	4	1	1	1	2	0	0	3	0
hazards, harmful substances	3	6	4	1	1	4	1	5	2	3	2	3	1	3	2	1	1	2	4	4	3	0
materials	0	0	2	0	2	0	0	1	1	1	0	0	0	0	2	0	0	0	0	0	0	0
load	1	0	0	2	0	1	1	1	2	1	0	1	0	2	0	0	0	0	0	2	1	0
natural environment	1	1	2	1	0	2	1	1	0	0	0	0	9	0	0	1	1	2	1	3	0	1
other causal agent	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	1	2	0	0
unclassifiable	0	0	1	0	1	0	1	0	0	1	0	0	0	0	1	0	1	0	0	1	1	0
total	28	26	24	22	25	22	22	25	17	28	19	11	22	17	17	11	22	12	11	18	12	10

water	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	1	0	1	0	0
abnormal environment	1	1	2	1	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
high/cold temperature environment	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	
other environments	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	
other causal agent	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	1	2	0	0	
unclassifiable	0	0	1	0	1	0	1	0	0	1	0	0	0	0	1	0	1	0	0	1	1	0	
total	28	26	24	22	25	22	22	25	17	28	19	11	22	17	17	11	22	12	11	18	12	10	

Workers age of fatal accidents in chemical products in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	0	0	0	1	0	0	1	0	0	1	2	1	1	0	0	1	0	0	0	0	0	0
20-29	1	4	6	2	4	5	3	5	4	2	4	1	1	1	4	2	3	2	0	2	1	2
30-39	6	9	3	5	6	3	4	8	3	5	5	3	8	3	2	3	4	2	3	5	2	1
40-49	9	7	7	6	3	2	4	4	4	4	4	2	5	1	3	2	4	3	2	7	2	0
50-59	7	6	6	7	11	8	8	6	3	12	1	1	4	8	4	3	7	3	3	2	4	5
60 years old or more	5	0	2	1	1	4	2	2	3	4	3	3	3	4	4	0	4	2	3	2	3	2
total	28	26	24	22	25	22	22	25	17	28	19	11	22	17	17	11	22	12	11	18	12	10

Workers' number of workplace of fatal accidents in chemical products in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	4	1	3	1	3	2	2	3	3	3	2	2	3	0	2	0	3	4	1	3	1	3
10-29	8	10	5	8	4	7	4	5	6	3	2	2	4	5	3	1	10	3	4	5	3	1
30-49	7	1	5	3	5	3	5	6	2	8	0	2	4	0	2	1	4	1	1	3	3	0
50-99	4	3	2	6	5	3	3	5	3	3	4	1	4	4	3	2	0	1	3	1	3	0
100-299	2	2	5	1	7	6	3	4	2	5	9	2	4	4	7	6	3	3	2	2	1	2
300 workers or more	3	9	4	3	1	1	5	2	1	6	2	2	3	4	0	1	2	0	0	4	1	4
total	28	26	24	22	25	22	22	25	17	28	19	11	22	17	17	11	22	12	11	18	12	10

Month of fatal accidents in chemical products in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	1	3	4	0	5	0	2	4	2	2	1	1	2	1	1	4	2	1	1	2	2	1
February	3	2	2	2	1	1	0	2	1	3	1	1	2	4	2	0	1	0	1	1	0	0
March	6	2	2	6	0	3	2	1	1	1	0	2	9	4	1	0	2	1	1	2	0	0
April	0	1	1	2	3	5	2	3	0	6	2	0	1	1	0	0	0	1	0	3	0	2
May	3	1	1	0	0	0	1	0	0	1	0	2	2	1	2	1	5	2	2	0	2	0
June	3	7	0	2	2	3	1	2	2	1	2	1	0	0	1	1	0	2	0	2	2	1

July	1	3	2	1	1	2	1	5	0	0	3	0	0	0	1	1	2	1	0	3	1	0
August	4	1	3	3	3	1	5	3	1	2	1	0	0	1	1	1	1	2	1	1	1	1
September	1	3	3	0	4	1	3	0	5	3	1	0	2	1	3	1	3	2	2	0	3	2
October	2	0	3	2	3	2	2	2	1	4	0	2	1	0	3	1	4	0	1	2	0	1
November	2	1	2	3	1	0	1	0	3	1	4	1	2	3	2	1	1	0	1	1	0	0
December	2	2	1	1	2	4	2	3	1	4	4	1	1	1	0	0	1	0	1	1	1	2
total	28	26	24	22	25	22	22	25	17	28	19	11	22	17	17	11	22	12	11	18	12	10

Prefecture of fatal accidents in chemical products in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Aomori	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iwate	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0
Miyagi	1	0	1	1	0	0	0	0	0	0	0	0	7	0	0	0	2	0	0	0	0	0
Akita	1	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0
Yamagata	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Fukushima	0	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Ibaraki	2	1	2	0	1	2	2	0	1	3	2	1	0	2	2	0	0	0	0	0	0	0
Tochigi	1	0	1	0	0	1	0	1	0	0	3	0	0	1	0	1	1	0	0	0	0	1

Gunma	1	7	2	1	0	0	0	2	1	0	0	0	1	0	2	0	1	0	2	0	0	1
Saitama	0	0	1	0	1	1	0	1	1	0	0	2	0	0	3	1	1	2	0	0	0	0
Chiba	1	1	1	1	2	0	0	1	4	3	1	3	0	0	5	1	2	1	1	0	1	1
Tokyo	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
Kanagawa	0	0	3	0	2	1	1	0	2	1	0	0	1	3	1	0	0	0	2	2	1	0
Niigata	1	1	0	1	2	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Toyama	1	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	2	0
Ishikawa	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Fukui	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	0	0
Yamanashi	1	0	0	0	0	0	1	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0
Nagano	1	1	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0
Gifu	1	1	2	2	0	1	2	0	0	1	1	0	0	1	0	0	2	1	0	0	0	0
Shizuoka	0	1	1	0	1	1	1	2	1	2	0	0	2	0	0	0	0	0	1	2	0	0
Aichi	0	2	2	1	3	0	3	3	2	2	2	0	0	3	1	1	0	0	3	1	0	3
Mie	1	0	0	0	2	1	1	0	0	0	3	0	2	0	0	4	0	0	1	0	0	0
Shiga	0	1	0	0	1	1	2	3	0	1	0	0	0	1	0	0	0	0	0	0	1	0
Kyoto	1	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Osaka	2	2	1	1	2	3	0	2	1	3	5	1	3	1	1	0	1	1	1	2	3	1
Hyogo	2	0	3	1	3	0	2	1	1	1	0	1	1	0	1	2	1	1	0	0	1	1
Nara	3	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0

Wakayama	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Tottori	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shimane	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Okayama	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Hiroshima	0	0	0	1	0	2	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Yamaguchi	0	1	0	2	1	0	1	1	0	0	0	0	1	1	0	0	2	0	0	0	0	1
Tokushima	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Kagawa	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	0	0
Ehime	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Kochi	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Fukuoka	2	0	0	1	1	2	0	2	1	4	0	1	0	0	0	0	3	0	0	3	0	0
Saga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagasaki	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kumamoto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Oita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Miyazaki	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagoshima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Okinawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	28	26	24	22	25	22	22	25	17	28	19	11	22	17	17	11	22	12	11	18	12	10

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

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