

Industrial accidents in others in Japan in 1999-2020

others industry Code No.17

Type of accidents in others 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	807	864	923	863	916	1,022	920	987	895	900	936	895	919	931	915	946	982	949	987	1,030	1,078	1,114
falling to same level	1,034	1,092	1,327	1,171	1,252	1,306	1,363	1,391	1,314	1,460	1,391	1,491	1,626	1,683	1,572	1,689	1,647	1,771	1,903	2,109	1,971	1,988
crash	214	253	239	243	235	270	278	242	264	251	234	248	283	272	261	278	267	282	332	333	302	365
struck by flying or falling object	287	282	258	269	269	255	260	234	211	212	191	210	224	199	217	197	178	201	196	197	194	186
collapse	57	74	80	70	80	92	70	86	76	84	78	49	74	76	76	84	61	75	76	86	70	54
crashed by	220	236	212	217	205	219	214	216	221	190	205	204	219	207	194	231	232	187	195	228	272	221
caught in/between	490	517	510	533	553	564	516	501	471	450	422	471	395	419	422	413	364	407	434	416	434	409
cut	274	318	267	282	259	260	241	236	246	236	208	213	187	188	156	175	185	158	157	181	179	148
injury to the sole of the foot	14	12	14	10	13	10	9	13	5	11	14	7	7	4	10	13	10	9	7	14	7	9
drown	4	10	2	3	2	5	2	8	2	2	10	2	42	3	6	6	3	7	4	15	5	3

contact to high/low- temperature	77	69	94	68	71	93	93	83	74	75	59	99	88	72	113	79	98	82	93	199	141	169
contact to harmful substance	11	22	19	18	16	14	17	27	12	9	13	14	16	14	16	9	15	13	19	19	21	26
electric shock	14	8	12	5	10	15	9	7	6	12	6	7	4	6	9	4	3	4	6	15	6	7
explosion	0	1	5	2	3	4	3	3	2	1	2	1	4	6	7	1	5	3	2	4	3	0
burst	2	0	2	-	3	1	1	3	2	5	2	1	4	0	3	0	2	1	2	2	0	3
fire	5	1	3	1	1	-	3	4	0	3	3	1	5	2	0	1	2	0	1	1	1	1
traffic accident (public road)	531	571	597	618	628	603	645	652	670	661	603	633	610	633	693	593	657	606	607	593	608	580
traffic accident (others)	14	7	8	4	8	7	15	9	11	7	7	5	9	12	6	5	9	9	7	4	6	14
reaction to motion/improper motion	502	482	566	565	635	651	615	651	711	667	655	691	687	680	692	660	723	753	811	848	850	838
others	84	143	98	87	101	91	108	100	97	83	97	93	173	99	91	97	97	108	105	124	115	289
unclassifiable	52	39	48	54	39	47	26	29	34	28	33	18	13	25	32	24	22	20	25	21	27	15
total	4,693	5,001	5,284	5,083	5,299	5,529	5,408	5,482	5,324	5,347	5,169	5,353	5,589	5,531	5,491	5,505	5,562	5,645	5,969	6,439	6,290	6,439

Causal agents (middle) of industrial accidents in others 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	1	1	1	1	3	0	2	3	1	3	0	1	4	1	1	2	2	1	0	1	1
power transmission mechanism	14	11	14	15	10	15	10	10	5	9	9	8	6	18	6	4	11	8	13	8	4	6
woodworking machine	44	59	37	56	44	45	41	46	40	35	36	36	25	33	24	28	29	25	32	32	28	37
construction machine	116	113	123	116	115	118	114	105	86	103	102	95	100	74	87	78	89	79	70	74	64	81
metal manufacturing machine	19	22	12	23	39	23	29	25	28	25	12	22	13	14	18	13	11	15	17	23	22	11
general machine	167	167	143	166	148	153	134	134	124	111	118	110	124	114	106	98	101	84	91	90	107	105
mobile silviculture machine																	0	0	0	1	1	0
crane	59	59	53	56	67	59	74	51	39	49	46	40	45	35	50	29	41	44	37	37	39	40
conveying	393	391	401	416	401	413	380	365	340	351	314	345	328	330	358	309	313	297	336	333	347	423

machine			2		1		1	4	2	0	0	0	1	1	2	4	3	0	2	2	0	3
hollow chisel mortiser, wood borer			1		1		1	1	0	0	0	0	0	0	0	0	1	0	0	2	0	1
chamfering machine, router, woodworking milling machine			0		0		0	1	0	0	0	1	0	1	0	1	0	0	0	0	0	0
chain saw			9		9		9	7	8	11	13	9	6	12	8	8	9	12	12	13	12	12
other woodworking machines			8		7		10	9	6	5	8	7	3	5	2	7	5	4	6	5	2	8
leveling, transporting or loading machine			15		19		22	16	11	19	11	14	17	16	11	9	14	8	13	10	6	14
excavating machine			75		64		61	61	55	55	59	52	50	42	46	38	44	37	32	43	42	51
foundation work machine			2		1		1	1	1	2	5	2	3	0	5	4	0	4	1	3	0	0
hardening machine			6		7		9	8	5	8	6	8	7	3	6	6	5	7	8	2	5	2
demolition machine			2		3		0	1	0	0	1	1	1	1	1	3	1	0	2	2	1	0
vehicle for high lift work			7		6		7	9	6	8	9	7	11	4	6	10	13	14	6	3	6	6

other construction machines			16		15		14	9	8	11	11	11	11	8	12	8	12	9	8	11	4	8
lathe			1		0		1	2	3	3	2	0	2	2	0	1	0	1	1	0	2	0
drill press, milling machine			3		4		1	2	2	4	0	4	3	2	0	0	0	2	1	2	0	0
grinding machine, buffing machine			2		10		7	3	13	5	2	5	5	6	7	6	3	7	6	8	11	3
power press			1		4		6	4	0	2	0	1	0	0	0	2	4	1	2	7	1	0
forging pressure hammer			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
shearing machine			0		2		3	0	1	0	0	0	0	0	0	1	0	0	1	2	1	2
other metal manufacturing machines			5		19		11	14	9	11	8	12	3	4	11	3	4	4	6	4	7	6
centrifugal machine			0		1		0	1	2	0	0	1	1	1	0	0	0	0	0	0	0	0
mixer, grinder			5		3		5	3	3	5	4	5	2	3	2	2	3	3	4	2	1	2
roll machine (except printingroll machine)			3		7		3	1	2	4	0	2	4	0	3	2	2	0	1	1	3	2
injection molding machine			0		1		1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0

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hauling equipment			122		129		144	134	154	170	169	179	148	163	162	181	174	199	207	227	230	201
human power machine			1		4		3	3	0	5	5	3	5	5	2	3	4	1	5	0	3	5
hand tool			133		108		118	112	121	90	94	102	86	91	79	80	73	63	76	83	75	73
ladder			230		233		243	246	260	216	234	262	272	281	251	256	230	261	264	264	261	278
slinging tool			4		10		9	6	5	5	6	9	3	5	3	3	3	1	2	2	1	2
other tools			153		155		179	191	169	177	154	166	197	154	174	179	170	208	241	220	251	216
other equipment, facilities			124		113		143	137	149	148	153	172	158	133	184	162	173	165	165	154	190	171
scaffolding			20		14		15	13	19	9	18	5	12	10	13	17	13	10	15	17	10	12
timbering			2		0		1	2	0	0	0	0	0	0	0	1	0	0	0	1	0	2
stairs, landing stage			358		411		422	472	418	458	403	427	434	431	424	448	483	482	536	532	545	549
opening			13		17		26	22	26	21	14	25	14	24	21	29	23	38	34	32	38	30
roof, beam, haze, crossbeam, principal rafter			22		14		12	21	26	19	10	18	20	22	25	19	17	11	9	24	16	16
working platform, boot board			139		173		149	132	143	166	138	148	153	149	136	144	162	152	187	234	173	180
passage			534		556		583	660	633	648	589	643	725	782	674	766	734	890	913	1,043	962	960
building,			289		236		255	258	244	276	296	295	326	290	283	278	283	278	311	310	311	315

rock			90		76		67	68	72	87	82	60	68	84	76	71	73	67	74	68	77	67
standing tree			46		40		30	30	26	23	30	32	33	30	34	33	24	33	40	41	36	40
water			9		13		4	20	12	12	18	9	91	9	20	13	15	13	6	22	7	11
abnormal environment			2		2		4	6	1	1	0	3	4	9	5	1	0	1	1	3	3	1
high/cold temperature environment			31		22		33	39	29	28	17	66	40	48	86	52	66	52	58	165	118	140
other environments			196		158		169	129	119	148	167	155	217	202	206	267	177	227	229	255	193	178
other causal agent			225		190		212	198	203	173	182	158	208	133	154	146	188	145	182	164	179	328
no causal agent			214		260		282	292	288	310	323	363	326	365	344	334	373	344	387	482	478	503
unclassifiable			56		49		32	40	32	45	29	28	23	25	29	28	25	21	21	30	27	18
total			5,284		5,299		5,408	5,482	5,324	5,347	5,169	5,353	5,589	5,531	5,491	5,505	5,562	5,645	5,969	6,439	6,290	6,439

Workers age of industrial accidents in others in 1999-2020

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30-39	776	865	905	932	1,003	1,088	994	1,013	1,020	1,032	972	988	979	943	880	816	804	784	832	809	741	791
40-49	795	824	907	872	913	932	976	951	907	915	1,000	1,023	1,172	1,151	1,126	1,096	1,155	1,182	1,248	1,288	1,188	1,138
50-59	1,082	1,227	1,344	1,277	1,288	1,401	1,467	1,485	1,393	1,356	1,226	1,256	1,352	1,284	1,296	1,312	1,300	1,366	1,359	1,521	1,540	1,571
60 years old or more	903	923	991	902	1,007	1,005	1,048	1,119	1,145	1,178	1,238	1,337	1,371	1,467	1,510	1,598	1,600	1,642	1,795	2,066	2,092	2,239
total	4,693	5,001	5,284	5,083	5,299	5,529	5,408	5,482	5,324	5,347	5,169	5,353	5,589	5,531	5,491	5,505	5,562	5,645	5,969	6,439	6,290	6,439

Workers' number of workplace of industrial accidents in others 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	1,133	1,210	1,227	1,159	1,278	1,300	1,200	1,229	1,141	1,015	1,045	1,029	1,103	1,083	1,004	991	1,011	979	1,060	1,083	1,048	1,030
10-29	1,158	1,230	1,318	1,275	1,256	1,289	1,335	1,335	1,212	1,222	1,181	1,284	1,316	1,259	1,265	1,259	1,260	1,259	1,326	1,395	1,442	1,382
30-49	649	714	737	713	746	773	690	728	756	783	775	747	789	778	814	823	855	843	883	970	931	1,054
50-99	637	609	703	673	751	768	813	737	735	750	768	791	842	849	788	810	808	880	924	990	969	1,041
100-299	660	709	767	776	751	853	808	865	840	834	795	899	859	948	967	962	962	998	1,035	1,233	1,089	1,136
300 workers or more	456	529	532	487	517	546	562	588	640	743	605	603	680	614	653	660	666	686	741	768	811	796
total	4,693	5,001	5,284	5,083	5,299	5,529	5,408	5,482	5,324	5,347	5,169	5,353	5,589	5,531	5,491	5,505	5,562	5,645	5,969	6,439	6,290	6,439

Month of industrial accidents in others 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	349	371	525	404	484	485	455	489	455	490	474	443	556	533	531	456	519	539	570	675	543	538
February	403	436	431	416	417	497	479	460	442	550	454	474	445	569	467	581	462	509	498	532	506	500
March	377	422	461	429	439	496	460	512	438	426	446	458	553	470	461	475	458	466	494	499	467	489
April	355	367	395	418	410	409	411	387	386	414	416	406	368	415	410	399	434	450	419	452	527	467
May	370	414	405	403	399	403	405	400	446	445	371	407	401	403	434	426	434	455	434	518	478	423
June	406	422	432	389	448	452	459	436	439	449	431	471	489	431	440	418	436	469	506	524	515	562
July	403	397	416	478	464	483	477	506	452	473	451	455	449	489	485	484	515	445	532	628	611	600
August	412	463	426	428	468	469	468	508	498	445	427	464	487	455	462	463	491	468	500	538	586	597
September	430	477	458	423	446	483	465	465	430	420	398	443	502	428	424	453	442	479	498	530	553	568
October	412	427	469	468	473	487	449	475	457	428	486	472	452	477	511	462	482	462	540	566	508	564
November	406	404	454	412	408	462	407	442	460	415	407	429	444	434	420	435	474	469	483	511	531	555
December	370	401	412	415	443	403	473	402	421	392	408	431	443	427	446	453	415	434	495	466	465	576
total	4,693	5,001	5,284	5,083	5,299	5,529	5,408	5,482	5,324	5,347	5,169	5,353	5,589	5,531	5,491	5,505	5,562	5,645	5,969	6,439	6,290	6,439

Prefecture of industrial accidents in others 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	281	291	328		277		243	251	276	236	238	260	266	279	280	258	257	281	267	281	272	320
Aomori	71	61	62		75		58	60	50	54	58	53	62	57	56	60	42	50	49	56	50	60

Iwate	50	41	47		34		43	60	18	34	37	31	83	42	59	60	31	47	43	54	50	34
Miyagi	90	80	86		84		68	80	85	75	87	85	150	113	114	103	103	89	104	121	100	141
Akita	48	36	46		44		29	40	41	28	24	43	29	40	28	30	21	23	27	37	41	40
Yamagata	45	36	21		33		45	35	36	34	42	37	50	43	46	40	39	31	40	39	35	55
Fukushima	58	53	53		73		49	73	49	70	59	58	61	80	64	56	62	80	77	73	74	76
Ibaraki	74	58	90		82		64	76	91	101	73	112	86	95	82	107	106	100	92	117	108	124
Tochigi	64	48	64		54		65	57	46	54	57	60	54	45	79	56	59	48	60	74	65	72
Gunma	113	93	70		94		71	78	77	63	53	44	50	53	68	72	51	65	80	64	65	58
Saitama	145	150	149		197		206	217	225	226	209	223	222	249	235	193	208	215	246	257	262	308
Chiba	157	181	192		180		211	200	230	266	185	191	192	204	194	205	215	237	223	313	289	242
Tokyo	552	634	681		752		788	840	846	799	809	846	937	942	925	943	960	1,003	1,110	1,185	1,124	1,058
Kanagawa	255	359	302		314		362	391	346	316	299	343	348	338	337	346	333	346	360	393	401	410
Niigata	46	82	80		79		81	61	81	66	73	76	88	82	81	76	59	85	69	74	79	72
Toyama	38	51	48		33		36	40	32	30	39	32	48	36	39	34	34	33	41	41	28	39
Ishikawa	32	34	23		41		31	32	28	28	40	37	51	46	35	42	38	41	44	48	55	66
Fukui	32	26	32		31		21	20	20	25	22	23	25	23	27	32	24	35	29	34	32	33
Yamanashi	17	22	30		33		36	38	36	41	34	41	32	18	25	23	21	21	26	27	29	26
Nagano	65	85	83		79		82	76	68	61	80	75	79	81	71	95	85	88	65	96	97	61
Gifu	70	51	67		76		61	62	73	60	40	55	57	53	52	70	65	63	71	76	67	86
Shizuoka	104	84	127		126		120	102	117	130	92	101	116	105	108	95	114	111	134	160	136	156

Aichi	232	295	297		266		293	295	279	325	314	320	289	308	342	318	340	336	354	369	393	362
Mie	61	55	61		85		59	62	62	70	64	91	60	78	67	56	64	60	70	73	76	79
Shiga	38	32	32		28		46	60	67	46	51	52	51	47	39	45	50	33	50	46	60	51
Kyoto	78	95	115		107		83	110	88	105	116	119	122	93	109	100	114	105	111	105	102	101
Osaka	539	645	641		683		757	670	654	660	626	599	602	595	564	610	706	618	696	659	707	678
Hyogo	244	214	235		214		239	212	214	234	216	222	205	224	227	254	268	251	246	268	252	259
Nara	25	37	41		27		51	48	38	48	61	38	41	49	42	39	52	60	60	82	59	59
Wakayama	47	25	35		38		40	43	53	54	39	31	46	34	52	31	41	39	40	51	37	48
Tottori	17	16	14		18		8	18	15	15	11	11	12	7	18	11	8	10	14	9	15	16
Shimane	36	27	32		38		37	39	31	24	28	25	32	26	19	27	16	23	26	27	28	29
Okayama	53	62	55		51		82	73	45	60	72	58	75	60	64	48	67	58	67	80	77	70
Hiroshima	148	154	179		95		139	116	106	133	114	114	122	117	112	138	111	126	130	123	117	157
Yamaguchi	33	38	51		35		39	48	57	37	35	61	47	43	39	47	34	30	44	50	42	45
Tokushima	33	34	41		33		26	29	24	30	24	23	10	35	36	30	28	25	30	32	25	33
Kagawa	43	29	38		36		39	56	46	37	52	39	37	41	42	55	60	49	54	58	56	81
Ehime	66	70	65		78		67	45	52	58	44	65	46	54	48	39	31	41	37	52	63	43
Kochi	54	76	52		52		66	39	34	34	48	38	56	50	45	50	39	45	50	39	40	26
Fukuoka	152	164	219		193		204	219	174	150	158	213	216	240	229	217	218	209	224	288	278	252
Saga	40	24	32		29		39	39	35	53	40	40	37	43	34	35	31	45	38	33	32	45
Nagasaki	39	42	53		57		47	55	56	58	76	58	66	69	72	61	56	59	56	52	53	76

traffic accident (others)	1	0	2	1	0	1	3	0	0	0	0	0	2	3	0	0	0	0	2	0	1	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
others	1	3	0	2	3	10	4	5	8	1	2	9	50	8	3	9	11	10	7	6	4	5
unclassifiable	0	1	0	2	1	0	1	0	1	0	0	1	0	1	3	1	0	0	0	0	0	0
total	97	92	88	105	95	95	95	84	81	60	71	80	148	70	84	57	75	68	66	64	49	66

Causal agents (middle) of fatal accidents in others 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	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	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	5	5	5	9	4	3	9	5	6	5	4	7	5	2	4	1	2	1	3	1	1	4
metal manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
general machine	0	1	0	1	1	4	2	1	2	1	0	0	1	2	1	0	0	1	0	1	0	1
mobile silviculture machine																	0	0	0	0	1	0
crane	2	2	3	4	3	1	0	3	0	4	1	1	3	1	2	1	2	5	2	1	2	1
conveying machine	29	22	19	24	17	21	28	14	16	9	15	18	11	7	16	12	9	14	15	10	7	14

vehicle	41	35	35	44	40	33	35	29	30	25	25	20	21	30	33	16	20	18	16	15	15	16
pressure vessel	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	1	3	1	0	0	1	0	0	0	1	0	0	0	2	1	1	0	0	0	4	0	1
human power machine, tools	0	0	1	2	1	1	0	0	1	0	1	2	0	0	0	0	1	0	2	0	0	1
tools	0	2	1	3	6	4	2	2	1	0	0	1	0	2	1	0	3	0	2	3	1	2
other equipments, facilities	0	1	3	2	1	1	2	1	0	0	1	2	1	1	1	0	0	0	2	1	0	0
temporary buildings, establishments	14	8	8	7	7	11	7	12	9	10	9	9	4	7	8	8	8	8	7	9	7	6
hazards, harmful substances	0	1	1	0	2	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0	1	3
materials	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0
load	1	0	2	1	1	1	0	1	1	0	0	2	1	0	0	0	1	0	1	1	0	1
natural environment	3	9	7	5	8	6	3	9	7	2	14	8	90	6	12	7	16	9	9	12	10	8
other causal agent	0	2	1	2	3	6	2	1	0	0	0	1	1	0	0	2	0	0	0	1	0	4
no causal agent	1	0	0	0	0	1	2	4	6	1	1	8	8	9	5	8	11	10	6	5	4	2
unclassifiable	0	1	0	1	1	0	1	0	1	0	0	1	1	1	0	0	0	0	1	0	0	1
total	97	92	88	105	95	95	95	84	81	60	71	80	148	70	84	57	75	68	66	64	49	66

Causal agents (small) of fatal accidents in others in 1999-2020

[illegible]

[illegible]

[illegible]

other kiln, caldron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
transmission	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
electric power facilities	1	1	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	4	0	1
other electrical equipment	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power cranes	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power hauling equipment	0	0	1	1	0	0	0	0	0	0	1	2	0	0	0	0	1	0	2	0	0	1
human power machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hand tool	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ladder	0	1	1	2	5	3	2	1	1	0	0	1	0	2	1	0	3	0	1	3	1	2
slinging tool	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other tools	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
other equipment, facilities	0	1	3	2	1	1	2	1	0	0	1	2	1	1	1	0	0	0	2	1	0	0
scaffolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
timbering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage	2	1	2	0	0	1	1	2	2	2	0	1	0	1	1	0	1	3	1	1	1	1
opening	2	1	1	0	0	1	1	0	0	2	1	1	0	1	1	1	1	0	2	0	0	1
roof, beam, haze, crossbeam, principal rafter	2	0	1	2	3	1	0	0	1	0	1	1	1	1	0	0	1	0	0	1	1	0
working platform, boot	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	2

water	2	6	1	2	2	2	1	2	1	0	7	2	84	2	5	3	2	7	3	5	0	2
abnormal environment	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
high/cold temperature environment	0	1	0	0	1	0	1	1	3	2	1	4	3	2	3	1	8	1	2	5	5	2
other environments	0	1	0	0	1	2	0	0	2	0	3	0	2	0	2	0	1	0	1	0	2	0
other causal agent	0	2	1	2	3	6	2	1	0	0	0	1	1	0	0	2	0	0	0	1	0	4
no causal agent	1	0	0	0	0	1	2	4	6	1	1	8	8	9	5	8	11	10	6	5	4	2
unclassifiable	0	1	0	1	1	0	1	0	1	0	0	1	1	1	0	0	0	0	1	0	0	1
total	97	92	88	105	95	95	95	84	81	60	71	80	148	70	84	57	75	68	66	64	49	66

Workers age of fatal accidents in others 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	3	1	1	2	1	1	1	1	1	1	1	0	2	0	0	2	0	0	0	2	0	0
20-29	22	13	17	15	10	7	6	10	9	5	11	4	19	5	7	6	10	11	4	3	1	5
30-39	9	17	10	12	15	19	9	10	10	8	9	10	25	8	7	7	11	5	4	5	1	9
40-49	18	13	6	22	16	15	19	10	12	9	9	19	28	18	14	11	9	9	12	16	13	7
50-59	22	26	24	28	27	25	33	21	27	20	24	19	36	18	12	9	22	23	10	12	12	8
60 years old or more	23	22	30	26	26	28	27	32	22	17	17	28	38	21	44	22	23	20	36	26	22	37
total	97	92	88	105	95	95	95	84	81	60	71	80	148	70	84	57	75	68	66	64	49	66

Workers' number of workplace of fatal accidents in others 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	23	23	24	23	18	20	18	16	18	13	11	17	58	17	24	14	22	15	10	10	8	9
10-29	21	26	23	23	22	27	29	20	21	8	20	30	44	14	15	12	17	20	19	17	17	22
30-49	14	12	18	18	24	15	14	13	17	17	18	12	18	13	19	11	9	19	10	14	11	11
50-99	19	11	13	21	14	9	8	14	7	12	13	6	11	10	7	6	12	4	12	11	5	10
100-299	14	19	8	13	11	18	18	17	12	8	9	7	11	13	10	9	9	6	9	8	6	12
300 workers or more	6	1	2	7	6	6	8	4	6	2	0	8	6	3	9	5	6	4	6	4	2	2
total	97	92	88	105	95	95	95	84	81	60	71	80	148	70	84	57	75	68	66	64	49	66

Month of fatal accidents in others 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	7	7	5	4	7	10	5	5	7	5	4	8	7	6	5	5	8	3	8	5	1	4
February	17	4	7	8	13	11	11	7	9	6	6	5	5	8	5	5	9	7	9	9	5	4
March	6	12	11	12	13	11	6	11	8	9	9	6	88	7	5	8	8	7	2	3	6	7
April	6	7	7	5	0	5	7	6	6	2	4	9	5	7	4	6	3	5	3	4	8	5
May	4	5	4	2	6	8	4	6	8	2	3	7	2	2	7	3	2	8	5	3	1	4
June	5	8	6	11	6	9	11	7	11	5	5	6	7	5	6	2	6	1	3	4	1	4

July	5	8	4	15	7	4	2	9	3	6	3	7	5	7	6	4	5	12	4	8	4	6
August	10	9	8	5	9	5	8	9	10	3	12	6	11	8	10	6	13	3	8	6	6	7
September	14	9	7	11	7	6	10	7	7	4	7	2	6	5	6	5	9	4	7	7	9	2
October	8	6	7	8	8	7	8	5	2	9	7	7	6	6	10	4	3	6	6	9	0	6
November	4	8	11	15	9	8	8	8	6	7	5	8	2	6	10	4	4	9	5	3	4	6
December	11	9	11	9	10	11	15	4	4	2	6	9	4	3	10	5	5	3	6	3	4	11
total	97	92	88	105	95	95	95	84	81	60	71	80	148	70	84	57	75	68	66	64	49	66

Prefecture of fatal accidents in others 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	7	4	8	11	10	6	5	2	6	2	2	9	4	12	6	2	3	4	6	2	2	4
Aomori	0	0	2	2	1	0	1	0	1	2	1	0	2	1	1	1	1	0	1	1	2	0
Iwate	1	1	4	1	0	0	1	3	0	0	0	2	42	0	0	1	2	1	1	0	1	0
Miyagi	2	2	1	1	2	1	1	2	1	1	2	2	39	0	2	1	3	2	0	1	3	0
Akita	1	1	1	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	0	0
Yamagata	1	0	0	2	1	0	1	2	1	0	0	0	1	0	0	0	0	1	0	1	0	0
Fukushima	0	2	0	4	1	5	0	1	1	1	0	0	3	1	1	0	1	0	1	0	0	1
Ibaraki	3	1	2	2	3	1	0	1	0	0	3	1	3	0	1	5	1	2	0	0	0	2
Tochigi	2	2	4	1	2	4	4	1	2	3	0	0	1	1	1	0	3	1	0	2	1	0

Gunma	1	2	0	2	1	0	1	0	2	1	1	1	0	0	1	1	1	1	3	1	0	1
Saitama	3	1	1	2	5	2	5	4	5	1	1	1	3	2	2	1	2	0	5	2	0	2
Chiba	4	4	3	1	4	0	3	7	2	4	2	3	1	1	4	2	3	3	4	1	5	2
Tokyo	17	10	10	14	8	21	10	17	9	8	7	12	14	12	8	6	8	10	7	13	4	5
Kanagawa	5	3	4	10	8	3	4	3	3	3	4	5	6	2	11	5	4	4	3	4	3	3
Niigata	0	2	2	1	2	3	2	1	3	0	1	3	3	1	3	0	0	3	1	0	2	3
Toyama	1	1	1	1	0	0	1	0	1	0	2	0	0	1	0	0	3	1	0	1	0	1
Ishikawa	1	1	1	0	1	0	2	1	2	1	2	0	1	4	2	3	1	0	0	3	3	4
Fukui	0	1	3	2	0	0	0	0	0	1	2	0	0	1	0	2	2	0	0	0	0	0
Yamanashi	0	0	1	1	1	1	1	2	1	1	1	1	2	0	2	1	0	1	0	1	1	0
Nagano	1	3	1	1	1	1	2	1	1	0	1	4	2	1	1	0	4	1	3	0	3	0
Gifu	1	4	1	1	3	2	2	1	0	0	2	0	1	0	0	1	2	0	1	1	1	1
Shizuoka	1	1	0	0	2	9	2	1	5	1	2	1	1	5	0	3	1	0	1	1	0	2
Aichi	4	1	2	3	2	2	1	4	7	5	6	4	5	1	4	4	3	4	3	3	1	6
Mie	0	2	0	3	1	2	4	1	0	0	1	3	2	1	0	0	1	2	2	1	0	1
Shiga	1	2	1	0	2	2	0	0	4	3	1	1	0	1	4	0	0	0	0	2	0	3
Kyoto	1	4	3	3	5	2	1	2	2	3	1	0	3	1	1	1	0	0	1	0	1	0
Osaka	10	11	5	14	5	4	11	5	3	5	7	8	3	3	9	5	5	5	6	6	3	8
Hyogo	6	4	4	3	3	3	5	3	1	4	5	0	1	5	3	1	5	5	3	3	3	5
Nara	0	2	2	0	1	0	1	0	1	2	2	2	0	1	0	1	0	1	0	0	0	0

Wakayama	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	2
Tottori	2	2	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Shimane	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0	1
Okayama	3	1	4	1	1	2	4	0	1	0	2	1	1	1	4	0	0	1	1	2	2	1
Hiroshima	3	3	3	2	0	5	3	2	1	2	0	1	1	2	0	1	5	1	2	0	0	2
Yamaguchi	1	0	1	1	2	0	2	1	5	1	0	1	0	1	2	0	1	3	0	1	0	0
Tokushima	0	1	0	1	0	0	1	2	1	0	0	0	0	2	3	0	0	0	0	0	0	0
Kagawa	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	3	0	2	0	0	2
Ehime	2	1	1	3	1	0	2	1	2	0	0	1	0	0	0	0	2	1	1	1	1	1
Kochi	0	0	1	1	0	1	0	1	0	0	1	0	0	2	0	0	0	0	0	0	0	0
Fukuoka	4	3	2	2	6	4	4	5	1	1	1	3	1	1	2	3	2	5	2	5	3	2
Saga	1	0	0	4	1	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Nagasaki	0	1	1	0	2	1	1	0	2	0	2	2	1	0	1	1	0	1	1	0	0	0
Kumamoto	1	1	3	0	1	1	1	0	0	0	1	0	0	1	0	0	0	0	2	1	0	0
Oita	1	0	0	0	0	3	4	0	1	1	1	1	1	0	1	0	1	0	0	2	1	0
Miyazaki	1	2	1	0	1	3	0	2	1	0	0	2	0	1	1	3	0	0	0	0	0	0
Kagoshima	0	3	2	2	1	1	1	0	2	0	0	1	0	0	1	0	0	1	1	0	1	1
Okinawa	2	0	0	1	3	0	0	1	0	0	3	1	0	0	1	1	2	1	2	0	0	0
total	97	92	88	105	95	95	95	84	81	60	71	80	148	70	84	57	75	68	66	64	49	66

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

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