

substance	2	2	3	5	2	4	4	2	3	2	6	4	8		1	7	2	5	5	4	5	10	4	3	93
electric shock			1	3		1				1				1	2	2		1		2	2	2			18
explosion	3		1	1	1		1			2				1		1	1							3	15
burst			3	2			2			2	1					1	1			1		1		2	16
fire	1			1	2		1	1	1	1	1	1	4	1		2		2		1	1			1	22
traffic accident (public road)	70	72	67	52	78	67	83	78	70	76	97	79	91	73	89	77	100	83	87	84	99	67	69	81	1,889
traffic accident (others)				2	1	1	2	2	3	2		2				1	1		2	3		1	2	2	27
reaction to motion/improper motion	131	122	119	141	130	130	149	152	155	160	154	170	181	190	177	197	231	203	239	253	251	318	344	370	4,667
others	9	14	9	7	11	13	7	12	7	9	12	9	15	10	10	12	13	9	14	17	14	36	205	23	497
unclassifiable	4	3		7	8	7	4	4		4	2	1	2	6	3	2	3	6	2	1	3	3	3	2	80
total	1,246	1,257	1,201	1,261	1,325	1,255	1,313	1,413	1,353	1,467	1,367	1,347	1,435	1,479	1,424	1,499	1,559	1,608	1,617	1,783	1,840	1,827	2,154	2,149	36,179

Causal agents (large) of fatal and non-fatal accidents in other commerce in 1999-2022

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
machine	96	95	81	105	100	88	102	92	84	94	70	70	85	66	70	62	72	82	72	93	77	96	101	85	2,038
crane, conveying machine	356	375	361	337	409	329	368	358	376	372	377	327	335	333	346	327	349	378	358	344	407	353	351	390	8,616
other equipment	204	200	196	205	219	222	220	274	244	291	253	281	291	292	312	309	311	311	347	394	388	400	432	466	7,062

general machine	34	27	39	34	35	34	47	43	27	34	26	34	40	21	26	18	23	24	28	29	23	36	42	33	757
mobile silviculture machine																					2		1		3
crane	69	74	66	75	75	53	56	56	55	57	53	44	36	36	46	48	38	34	36	41	42	47	41	49	1,227
conveying machine	205	242	223	205	250	204	227	215	232	227	226	186	193	216	208	197	209	261	224	207	257	230	231	247	5,322
vehicle	82	59	72	57	84	72	85	87	89	88	98	97	106	81	92	82	102	83	98	96	108	76	79	94	2,067
pressure vessel	2	3	1	1		1	2	2			3		3	2		2	1	1	1		2		3		30
chemical facilities																									
welding equipment			1	2	2	1		1			2	1		2	1		2		1	1	3		2	1	23
kiln, caldron	1	2	1		1	1							2				1		1					1	11
electric equipment	5	5	1	5	6	2	1	5	1	5	2		6	4	5	4	1		4	1	3	4	7	7	84
human power machine, tools	56	55	54	62	56	62	81	81	77	89	62	86	97	101	108	101	99	104	118	150	132	139	152	147	2,269
tools	114	113	115	110	132	127	111	149	132	155	147	148	152	148	160	146	175	162	178	190	204	209	212	253	3,742
other equipments, facilities	26	22	23	25	22	28	25	36	34	42	37	46	31	35	38	56	32	44	44	52	44	48	56	57	903
temporary buildings, establishments	270	288	249	278	288	294	300	331	329	383	341	343	355	390	354	397	393	472	461	512	525	504	567	617	9,241
hazards, harmful substances	10	5	9	6	3	10	12	8	7	7	10	4	12	5	9	15	3	6	7	3	9	12	3	8	183
materials	93	84	87	97	84	85	71	82	87	71	72	64	65	85	67	73	88	72	74	72	60	49	74	77	1,833

machine, router, woodworking milling machine													1											1	
chain saw				1		1	2	1	1	1		2		1	2		1	1	3	2	3	3		25	
other woodworking machines			1		2		3	2	1	4	2	2	1		1	1		1	1	3		1	1	2	29
leveling, transporting or loading machine			4		6		9	7	7	7	6	5	3	6	6	4	5	6	6	8	3	5	6	2	111
excavating machine			14		19		16	15	14	20	13	13	10	15	15	9	20	19	13	20	26	18	22	27	338
foundation work machine			1		1				1			1	1				1		1	1					8
hardening machine			1		2			1	2	1	2	1	2	1	2	3	3	4	1	1	2	3			32
demolition machine			2		2		1	1	2	2			3	1			3	2			1	1	3	2	26
vehicle for high lift work			1		1		1	2	1	4		1	3	2	4	3	1	5	2	2	4	7	7	5	56
other construction machines			5		1		4	3	4	4	3	2	5		5	3	4	1	4	1	2	4		2	57
lathe								1	1		1		1	1		1				2					8
drill press, milling machine			1		2			2	1	1					1			1	1		1				11
grinding machine, buffing machine			2		2		1	3	5	4	5	1	5	3	2	4	2	3	3	4	2	5	6	5	67
power press					1		1							1				2	1	1	1				8

conveying machines			9		5		6	6	7	1	8	5	6	8	4	1	2	3	3	6	7	12	9	5	113
cars, bus, motorcycle			67		80		80	85	88	86	95	93	104	76	90	79	96	81	95	94	106	75	76	90	1,736
railway vehicle										1		1											1	3	
other vehicles			5		4		5	2	1	1	3	3	2	5	2	3	6	2	3	2	2	1	3	3	58
boiler																1					1				2
pressure vessel							1																1		2
other pressure vessels			1				1	2			3		3	2		1	1	1	1		1		2		19
chemical facilities																									
gas welding equipment			1		1						2	1		2	1						2		2		12
arc welding equipment					1												2		1	1	1			1	7
other welding equipment								1																	1
kiln, caldron					1								1				1		1					1	5
industrial dryer													1												1
other kiln, caldron			1																						1
transmission					1			2		1	1		2	1	1	1			2	1	3	2	4	4	26
electric power facilities			1		2		1	1		1			3	1		1							1		12
other electrical					3			2	1	3	1		1	2	4	2	1		2			1	3	3	29

water			2		2		3	2	1	2	1	1	21	1	1	3	1	2	1		2	2	2	2	52
abnormal environment			2				1					1	1	1				1							7
high/cold temperature environment			6		4		5	7	9	3	2	12	9	6	10	12	17	10	11	22	26	18	9	26	224
other environments			13		15		16	30	9	16	18	23	42	39	40	49	22	28	25	42	21	19	56	59	582
other causal agent			31		29		23	20	21	21	26	21	19	23	21	20	30	19	30	31	25	47	219	45	721
no causal agent			27		48		45	56	53	50	69	66	68	77	68	75	97	83	90	104	117	140	141	142	1,616
unclassifiable					7		5	6	5	6	4		6	4	3	2	8	1	3	3	2	2	4	3	74
total	1,246	1,257	1,201	1,261	1,325	1,255	1,313	1,413	1,353	1,467	1,367	1,347	1,435	1,479	1,424	1,499	1,559	1,608	1,617	1,783	1,840	1,827	2,154	2,149	36,179

Workers age of fatal and non-fatal accidents in other commerce in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less	28	34	30	30	25	32	30	29	22	29	18	19	32	24	26	18	35	32	26	36	17	30	33	28	663
20-29	308	290	266	251	255	242	226	233	237	258	217	220	203	211	215	230	209	215	200	217	238	217	292	234	5,684
30-39	231	265	246	259	303	311	300	312	290	315	319	281	287	308	298	283	273	283	280	264	277	272	324	299	6,880
40-49	217	215	233	230	230	235	261	267	255	291	279	292	302	315	318	330	370	348	387	388	373	384	432	407	7,359
50-59	291	320	275	332	336	293	312	361	338	333	297	279	328	340	285	348	326	360	371	421	455	449	532	556	8,538
60 years old or more	171	133	151	159	176	142	184	211	211	241	237	256	283	281	282	290	346	370	353	457	480	475	541	625	7,055
total	1,246	1,257	1,201	1,261	1,325	1,255	1,313	1,413	1,353	1,467	1,367	1,347	1,435	1,479	1,424	1,499	1,559	1,608	1,617	1,783	1,840	1,827	2,154	2,149	36,179

Workers' number of workplace of fatal and non-fatal accidents in other commerce in 1999-2022

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
9 workers or less	387	440	380	392	413	387	401	388	380	442	333	358	378	378	367	335	338	386	372	395	411	368	455	410	9,294
10-29	423	374	375	387	440	422	423	446	424	442	437	384	428	443	410	438	453	473	473	513	530	510	597	594	10,839
30-49	193	155	167	200	151	167	159	212	181	208	212	187	186	204	196	189	255	227	215	244	236	272	314	275	5,005
50-99	99	122	135	125	157	133	150	177	179	177	163	164	177	175	176	216	186	205	206	245	252	263	262	305	4,449
100-299	109	119	97	102	100	91	122	124	139	144	153	179	199	202	208	236	245	220	249	283	296	272	343	355	4,587
300 workers or more	35	47	47	55	64	55	58	66	50	54	69	75	67	77	67	85	82	97	102	103	115	142	183	210	2,005
total	1,246	1,257	1,201	1,261	1,325	1,255	1,313	1,413	1,353	1,467	1,367	1,347	1,435	1,479	1,424	1,499	1,559	1,608	1,617	1,783	1,840	1,827	2,154	2,149	36,179

Month of fatal and non-fatal accidents in other commerce in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January	98	114	98	105	115	117	98	113	97	106	144	87	117	131	123	135	120	126	142	168	170	152	193	193	3,062
February	119	87	94	101	108	64	98	109	125	146	111	120	103	142	127	137	129	124	113	142	149	136	168	160	2,912
March	114	111	98	103	111	113	133	118	118	133	143	105	139	139	111	116	144	164	139	159	163	159	166	174	3,173
April	90	125	89	107	128	105	117	128	92	103	127	101	96	99	108	122	136	123	133	144	161	132	191	165	2,922
May	98	94	98	114	112	117	110	114	124	122	109	85	133	123	120	119	115	130	131	148	156	117	199	161	2,949
June	116	101	105	102	96	120	113	123	111	129	102	136	125	137	104	128	151	137	153	125	143	183	171	175	3,086
July	109	101	100	128	111	110	116	118	117	147	115	124	136	143	116	158	140	146	148	175	165	168	191	199	3,281
August	93	100	110	98	116	101	100	112	116	117	103	124	116	103	140	107	120	147	146	149	161	177	220	184	3,060

September	106	83	97	85	107	102	113	125	96	110	102	100	138	136	109	124	133	123	136	109	134	164	172	191	2,895
October	100	119	117	119	112	98	105	116	134	125	118	136	111	107	144	126	121	144	148	154	160	151	156	193	3,114
November	97	119	98	102	106	105	110	115	123	120	91	120	112	113	123	109	126	119	115	146	139	137	143	175	2,863
December	106	103	97	97	103	103	100	122	100	109	102	109	109	106	99	118	124	125	113	164	139	151	184	179	2,862
total	1,246	1,257	1,201	1,261	1,325	1,255	1,313	1,413	1,353	1,467	1,367	1,347	1,435	1,479	1,424	1,499	1,559	1,608	1,617	1,783	1,840	1,827	2,154	2,149	36,179

Prefecture of fatal and non-fatal accidents in other commerce in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido	39	56	59		71		45	68	53	55	66	62	44	57	56	51	60	59	87	68	79	82	109	96	1,422
Aomori	8	7	8		15		6	11	9	17	18	11	15	15	16	15	10	12	13	17	16	17	20	21	297
Iwate	11	15	11		14		10	13	20	8	7	10	23	15	21	14	11	16	18	19	22	10	18	17	323
Miyagi	32	23	24		36		45	59	56	66	43	34	60	46	56	52	36	47	36	51	40	49	75	56	1,022
Akita	8	7	10		8		13	17	7	17	3	10	7	4	10	5	6	14	9	6	7	6	12	15	201
Yamagata	3	10	7		4		12	6	5	7	17	7	7	9	15	12	8	20	14	16	7	7	10	5	208
Fukushima	19	13	9		12		25	24	26	23	17	19	16	15	17	10	29	31	24	33	19	29	48	31	489
Ibaraki	26	23	32		23		19	29	27	29	20	29	32	26	30	38	27	42	38	50	49	49	68	68	774
Tochigi	14	18	18		24		16	14	18	26	20	22	22	25	24	19	21	30	21	21	32	30	34	31	500
Gunma	25	20	26		19		21	22	18	18	14	19	22	29	39	24	24	21	27	28	43	32	28	33	552
Saitama	43	64	71		78		71	84	86	90	97	82	74	141	96	139	128	125	128	120	122	143	168	202	2,352
Chiba	52	65	58		52		54	46	53	63	71	70	92	100	53	72	61	73	77	99	115	92	91	93	1,602
Tokyo	104	110	131		125		123	122	137	122	139	161	184	156	140	169	177	164	185	212	175	197	258	252	3,543
Kanagawa	100	89	90		98		89	89	94	74	87	78	80	91	92	98	86	114	72	82	99	115	115	125	2,057

Niigata	29	26	17		26		19	22	23	21	19	23	25	21	21	22	20	22	29	32	33	18	30	37	535
Toyama	13	10	15		7		18	11	13	9	11	10	16	10	14	15	8	6	12	7	9	9	12	15	250
Ishikawa	17	15	13		13		8	11	15	10	20	14	8	11	17	16	13	9	9	12	23	13	16	17	300
Fukui	9	16	10		8		9	9	7	12	9	11	11	11	9	11	5	11	14	19	11	13	10	12	237
Yamanashi	7	3	1		6		9	7	3	4	6	11	13	5	8	8	8	8	8	16	8	7	21	13	180
Nagano	11	7	10		15		14	13	15	14	20	20	15	16	15	8	14	19	26	23	26	23	32	34	390
Gifu	18	16	11		13		11	21	14	11	11	13	10	11	12	13	20	12	20	20	35	25	12	25	354
Shizuoka	31	35	34		30		43	46	38	48	38	38	47	43	33	30	54	37	47	40	69	43	38	67	929
Aichi	86	85	66		82		80	84	72	100	84	81	88	65	82	83	95	82	83	86	94	105	98	107	1,888
Mie	22	25	24		19		20	21	16	16	25	26	16	14	16	13	20	14	10	23	22	17	12	24	415
Shiga	12	11	10		20		8	26	14	20	18	19	18	18	26	19	26	28	19	30	27	27	31	31	458
Kyoto	20	25	8		15		24	17	24	31	19	12	26	21	34	25	26	41	21	35	29	43	33	25	554
Osaka	146	122	149		154		139	155	150	167	157	132	112	142	137	134	124	132	157	162	176	185	253	190	3,375
Hyogo	55	44	48		31		37	43	43	40	36	42	48	41	37	68	49	57	62	56	67	68	89	82	1,143
Nara	4	4	8		2		11	9	8	15	4	15	7	7	7	10	10	6	3	4	17	7	19	9	186
Wakayama	8	11	9		9		6		5	6	7	4	4	10	10	7	9	8	8	5	13	11	11	12	173
Tottori	7	2	4		4		8	2	5	4	6	6	6	3	2	5	4	2	6	9	4	7	4	2	102
Shimane	2	6	1		5		3	2	1	2	2	1	4	3	4	3	4	7	5	8	8	3	13	2	89
Okayama	24	14	16		23		25	18	19	30	15	8	18	28	24	12	24	19	23	28	27	21	30	25	471
Hiroshima	38	25	20		27		36	44	62	46	49	53	51	41	40	33	47	37	47	35	35	53	61	78	958
Yamaguchi	15	16	6		12		10	10	8	14	12	10	10	12	7	9	17	5	12	12	21	9	17	24	268
Tokushima	8	7	9		5		11	9	6	6	3	1		7	3	5	7	5	7	6	9	10	7	8	139
Kagawa	15	13	10		14		14	12	9	24	10	7	6	15	5	10	8	6	15	15	14	14	15	20	271

Ehime	6	10	6		13		14	10	15	10	8	16	7	9	3	5	10	11	14	18	16	10	17	11	239
Kochi	18	15	17		24		9	8	5	8	8	15	13	11	9	3	8	7	5	9	1	4	11	7	215
Fukuoka	54	72	59		72		80	93	71	81	75	64	81	82	79	99	112	108	87	119	89	76	82	70	1,805
Saga	11	8	2		7		14	9	10	9	12	7	14	11	8	13	26	21	18	20	18	12	22	25	297
Nagasaki	10	9	9		10		6	8	8	5	12	8	4	7	12	14	10	12	19	10	11	14	12	24	234
Kumamoto	13	25	11		21		22	28	18	19	22	24	25	15	21	20	25	25	23	28	26	27	19	28	485
Oita	11	4	4		9		13	14	12	11	4	9	6	6	18	10	10	11	7	9	12	8	10	12	210
Miyazaki	10	12	9		12		6	8	8	18	3	10	15	11	8	18	23	16	15	10	18	22	12	19	283
Kagoshima	23	30	19		22		24	25	17	29	14	17	18	22	23	25	28	36	26	36	18	34	20	29	535
Okinawa	9	14	12		16		13	14	10	12	9	6	15	21	15	15	11	20	11	19	29	31	31	20	353
total	1,246	1,257	1,201	1,261	1,325	1,255	1,313	1,413	1,353	1,467	1,367	1,347	1,435	1,479	1,424	1,499	1,559	1,608	1,617	1,783	1,840	1,827	2,154	2,149	36,179

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

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

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html

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Fatal accidents in other commerce in Japan in 1999-2022

other commerce industry Code No.0804

standing tree						1		1																1	4	
water													17	1											1	19
abnormal environment													1											1		2
high/cold temperature environment			1																							3
other environments		1		1										1												3
other causal agent					1		1		1															1	1	5
no causal agent						1	3			1	1	1				3	2	2		3	1	1				19
unclassifiable				1	1							1														3
total	14	13	15	20	23	18	20	18	15	13	13	15	30	13	7	9	12	10	12	10	10	6	7	12	335	

Workers age of fatal accidents in other commerce in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less			1																	1					2
20-29	5	3	2		5	1	4		2	2	2	2	2	2		1	2	1	2					1	39
30-39	3	5	1	5	4	4	2	1	2	2		4	7	3		2	1	5	1	3	2	1	1	2	61
40-49	2		3	6	2	1	6	1	2	3	3	4	10	5	3	4	1	2	3	3	3	2	1	1	71
50-59	2	1	5	3	8	9	3	5	8	4	4	3	3	1	3		3		4	2	3	2	1		77
60 years old or more	2	4	3	6	4	3	5	11	1	2	4	2	8	2	1	2	5	2	2	1	2	1	4	8	85
total	14	13	15	20	23	18	20	18	15	13	13	15	30	13	7	9	12	10	12	10	10	6	7	12	335

Workers' number of workplace of fatal accidents in other commerce in 1999-2022

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
9 workers or less	9	8	6	4	7	6	9	9	5	8	4	8	16	4	2	2	6	6	3	3	3	2	1	8	139
10-29	3	3	7	8	12	6	3	4	8	3	6	3	12	4	4	5	3	3	5	4	3	1	2	1	113
30-49	1	2	1	5	1	2	2	1				3			1	1	3	1	2	2	2	2	1	1	34
50-99	1			2	2	2	3	1	1	1	2		1	1		1			1		2		2	1	24
100-299			1		1		3	2		1		1	1	3						1		1		1	16
300 workers or more				1		2		1	1		1			1					1				1		9
total	14	13	15	20	23	18	20	18	15	13	13	15	30	13	7	9	12	10	12	10	10	6	7	12	335

Month of fatal accidents in other commerce in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January	1			2	1	2	2	1	1		1		1	1			1			1	3	2	1		21
February	1	2	2	4		1	1	1	1	1	2				2	3	1	2	1	1			1	1	28
March		1	1	2	2	4	3	1		2	3	2	18	2		1		2	2	2	1	1	1		51
April	1		2		1	3	3	4		3		1			1		2	1	1			1		2	26
May	2	3	1		4		3	2	2	3	1		2				1		1		1		2	1	29
June	1	1	2	1	1	1		3	1			1	5	1	1	2		1	2		2				26
July		1	1	2	2	1	1	2	2	1		2		1	1		1		1	1				2	22
August	1	3	1	1	2	1	2	2	1	1	3		2	2	1	1	3		3	3	1	1	1	1	37
September	2		2	1			1	1	2	1		3		2					1	1					17
October	1			3	5	3	2	1	4		1	2		2	1	1		2		1			1	1	31

November	1		1	3	2	2			1	1		3	1			1	2	1			1	1		1	22
December	3	2	2	1	3		2				2	1	1	2			1	1			1			3	25
total	14	13	15	20	23	18	20	18	15	13	13	15	30	13	7	9	12	10	12	10	10	6	7	12	335

Prefecture of fatal accidents in other commerce in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido	2	2	4			1		2		1		2		2		1		1	3		1		1		23
Aomori	1		1				1	1						1				1							6
Iwate													4											1	5
Miyagi	2							1		1	1		13				1		1						20
Akita					1																				1
Yamagata																									
Fukushima	1						1						1					1							4
Ibaraki			2					1												1	1				5
Tochigi					1		1	1						1				1							5
Gunma	1						1	1	1																4
Saitama				1		4			3	1		1	2		1	1	1				1				16
Chiba	1	1	1			1	3	2		4	1						2	1			1				18
Tokyo		2		4	1	2	1	3	1	1	1	1	1	1			3	1	2	1			2	1	29
Kanagawa		1		2	4				1		1	1	1	1					1					1	14
Niigata				1	2		1						2			1				1					8
Toyama													1				1			1					3

Fukuoka			2	2	1				1							1								7	
Saga										1	1				1									3	
Nagasaki				1														1						2	
Kumamoto											1											1	1	3	
Oita											1			1				1						3	
Miyazaki		1							1												1		1	4	
Kagoshima					1	1				1													1	4	
Okinawa			1			1												1						3	
total	14	13	15	20	23	18	20	18	15	13	13	15	30	13	7	9	12	10	12	10	10	6	7	12	335

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

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