

## Industrial accidents in other construction works in Japan in 1999-2020

other construction works industry Code No.0303

### Type of accidents in other construction works 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	1,163	1,177	1,080	1,066	1,027	1,042	1,059	1,087	1,043	1,044	873	868	930	869	966	928	911	892	923	952	937	892
falling to same level	280	248	284	259	278	282	302	282	309	270	236	217	257	284	260	295	274	299	301	306	329	323
crash	172	169	149	132	152	131	151	160	130	150	104	122	128	113	121	127	103	133	126	110	144	136
struck by flying or falling object	376	373	383	323	320	345	316	314	349	326	250	254	260	258	256	260	267	257	259	270	256	253
collapse	90	96	80	99	91	107	76	90	85	74	85	68	80	70	72	92	63	51	93	89	82	69
crashed by	158	150	162	141	153	143	139	140	128	144	113	111	133	116	148	130	129	125	130	142	156	152
caught in/between	475	450	441	412	389	384	362	362	359	360	324	310	311	340	319	359	332	293	338	345	367	321
cut	256	247	231	226	207	196	193	213	202	200	170	150	182	182	159	212	181	211	158	175	197	160
injury to the sole of the foot	16	14	21	17	13	15	27	16	14	15	11	14	20	19	15	18	22	13	23	16	22	19
drown	3	1	0	1	1	-	4	0	3	2	1	0	31	3	0	1	1	1	1	5	1	1

contact to high/low-temperature	55	47	78	60	51	60	46	48	58	46	43	62	45	47	43	58	46	50	47	87	54	60
contact to harmful substance	29	36	19	19	50	28	21	21	27	16	18	18	23	21	18	22	23	26	19	24	31	26
electric shock	63	55	44	37	26	43	44	31	43	44	27	27	17	15	30	36	26	21	16	27	17	21
explosion	14	8	9	9	6	11	15	5	6	4	6	7	3	3	6	5	2	4	4	2	2	5
burst	6	4	2	2	6	14	3	1	1	4	5	1	3	2	2	1	3	2	0	2	0	2
fire	5	5	1	3	10	7	4	13	13	13	4	13	8	6	2	9	6	6	3	11	2	4
traffic accident (public road)	151	132	141	122	145	133	162	152	134	125	98	107	107	144	141	168	155	165	155	161	150	110
traffic accident (others)	6	2	2	1	0	-	6	3	0	2	1	0	0	0	1	3	2	0	4	2	4	2
reaction to motion/improper motion	194	185	224	168	157	166	157	164	158	160	148	155	164	153	166	156	153	164	179	185	187	210
others	13	13	13	13	13	16	21	22	17	14	14	13	21	13	18	14	18	13	25	19	17	53
unclassifiable	6	6	4	6	3	-	5	4	5	5	1	3	1	2	3	4	2	3	4	1	3	1
total	3,531	3,418	3,368	3,116	3,098	3,123	3,113	3,128	3,084	3,018	2,532	2,520	2,724	2,660	2,746	2,898	2,719	2,729	2,808	2,931	2,958	2,820

## Causal agents (middle) of industrial accidents in other construction works 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	4	9	5	1	1	3	3	3	5	3	0	1	0	4	1	0	2	4	3	2	1	0
power transmission mechanism	10	9	11	8	2	12	13	11	12	9	8	6	7	8	4	7	4	5	11	6	8	2
woodworking machine	61	66	73	59	62	51	58	62	63	55	51	48	51	50	54	62	60	73	48	61	66	44
construction machine	128	129	151	127	137	111	135	147	108	117	138	111	124	130	119	129	126	119	121	123	160	146
metal manufacturing machine	105	91	90	87	72	83	65	76	75	82	69	58	67	62	54	61	56	77	57	76	62	58
general machine	105	90	73	78	71	79	65	67	64	76	55	56	88	68	57	65	58	55	56	63	68	60
mobile silviculture machine																	0	2	1	1	2	1
crane	138	157	143	106	124	149	122	114	115	131	101	96	89	101	104	102	97	93	92	115	114	86
conveying	307	300	278	276	275	240	275	279	263	229	207	193	228	206	226	227	259	244	260	272	248	246





machine			3	4	4	1	3	3	0	2	1	1	0	2	0	3	0	2	4	0	
hollow chisel mortiser, wood borer			1	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1
chamfering machine, router, woodworking milling machine			0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
chain saw			8	12	15	19	16	10	14	15	11	17	9	22	23	23	18	16	25	20	
other woodworking machines			16	12	10	6	16	7	7	9	6	4	10	13	8	18	7	15	8	7	
leveling, transporting or loading machine			13	14	7	6	7	7	7	6	6	9	10	19	10	13	9	13	13	15	
excavating machine			50	37	39	54	26	33	39	34	44	40	45	37	31	29	37	40	60	52	
foundation work machine			9	3	6	6	8	7	5	3	7	6	4	10	5	5	0	8	5	8	
hardening machine			5	7	3	5	2	2	3	3	1	5	0	4	3	3	3	3	4	5	
demolition machine			6	12	14	14	11	7	13	7	9	12	15	14	23	25	29	23	22	21	
vehicle for high lift work			32	37	24	39	31	29	44	31	30	28	20	25	34	29	24	19	38	26	











hauling equipment			15		14		11	15	15	16	14	11	15	20	12	16	13	19	20	21	17	22
human power machine			1		2		1	3	5	5	4	2	2	4	1	7	5	2	1	2	2	4
hand tool			94		101		89	99	98	94	67	65	72	78	69	85	82	57	72	63	86	79
ladder			448		405		405	410	394	420	339	353	386	353	398	378	310	357	377	378	393	341
slinging tool			37		24		26	20	30	29	19	26	15	16	26	20	8	31	27	15	15	24
other tools			58		59		52	64	49	63	48	38	44	45	37	47	47	55	53	54	66	40
other equipment, facilities			78		74		71	71	76	81	65	62	71	60	75	96	61	69	52	71	52	61
scaffolding			138		118		139	138	122	139	82	78	88	94	102	101	94	100	86	86	78	92
timbering			1		4		4	2	2	1	1	2	1	0	1	1	2	1	2	3	1	2
stairs, landing stage			83		77		95	101	82	80	70	82	66	71	69	90	95	82	95	90	80	119
opening			32		34		25	33	33	25	25	18	24	18	26	29	31	29	19	40	33	27
roof, beam, haze, crossbeam, principal rafter			87		96		105	98	105	93	81	95	117	124	121	122	103	98	84	99	86	83
working platform, boot board			75		77		61	66	78	80	58	64	51	59	57	62	54	60	74	63	60	50
passage			103		103		129	116	121	108	95	82	112	101	100	107	111	122	136	130	152	149
building,			151		139		146	158	144	151	126	122	131	127	119	121	109	114	131	116	121	111





30-39	639	631	684	620	679	705	727	757	762	698	609	640	594	607	595	609	539	558	513	543	537	509
40-49	641	602	604	553	534	496	518	515	509	568	461	476	547	535	574	640	624	604	643	704	699	630
50-59	842	852	814	733	731	762	764	810	735	698	523	534	551	498	523	511	470	504	515	533	565	549
60 years old or more	414	377	360	377	375	415	418	387	440	454	440	377	495	493	516	534	546	538	560	600	606	521
total	3,531	3,418	3,368	3,116	3,098	3,123	3,113	3,128	3,084	3,018	2,532	2,520	2,724	2,660	2,746	2,898	2,719	2,729	2,808	2,931	2,958	2,820

#### Workers' number of workplace of industrial accidents in other construction works 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	1,922	1,886	1,898	1,812	1,789	1,777	1,811	1,766	1,782	1,722	1,459	1,453	1,470	1,486	1,523	1,604	1,467	1,497	1,549	1,612	1,608	1,497
10-29	1,054	1,009	982	886	867	883	840	878	877	867	705	704	820	762	771	863	809	785	798	831	832	866
30-49	262	246	246	220	227	250	238	255	217	227	173	183	238	221	209	226	240	235	259	264	285	241
50-99	148	159	127	130	128	123	127	130	129	120	114	101	104	105	143	124	122	128	112	133	123	127
100-299	108	90	83	52	65	66	77	76	56	67	65	58	75	66	81	63	60	69	67	68	79	70
300 workers or more	37	28	32	16	22	24	20	23	23	15	16	21	17	20	19	18	21	15	23	23	31	19
total	3,531	3,418	3,368	3,116	3,098	3,123	3,113	3,128	3,084	3,018	2,532	2,520	2,724	2,660	2,746	2,898	2,719	2,729	2,808	2,931	2,958	2,820

#### Month of industrial accidents in other construction works 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	269	240	241	242	244	224	233	226	225	238	181	197	205	195	247	208	209	218	227	212	213	236
February	298	283	303	275	239	226	268	246	284	251	232	214	211	240	221	229	224	258	209	249	236	242
March	322	311	338	275	318	265	279	270	280	298	219	226	279	218	225	255	239	246	270	249	267	246
April	299	302	254	265	257	244	257	221	239	236	179	209	195	192	214	237	227	194	206	209	249	196
May	275	226	285	256	244	225	224	251	247	240	198	184	194	230	233	222	186	214	223	223	223	195
June	315	298	303	267	259	259	254	239	276	257	204	221	213	223	232	244	231	212	231	256	239	228
July	310	327	318	274	243	308	269	270	265	262	244	234	252	250	237	287	256	228	267	313	270	233
August	312	292	283	281	312	299	291	310	269	266	215	214	246	243	261	245	247	267	260	241	244	257
September	320	289	249	247	239	319	278	281	281	274	211	210	222	220	191	232	233	260	226	261	264	260
October	296	292	273	266	277	237	254	281	259	248	224	221	226	237	250	262	276	238	238	257	258	242
November	253	288	266	221	244	241	259	259	240	254	196	194	217	218	224	246	193	206	223	249	255	253
December	262	270	255	247	222	276	247	274	219	194	229	196	264	194	211	231	198	188	228	212	240	232
total	3,531	3,418	3,368	3,116	3,098	3,123	3,113	3,128	3,084	3,018	2,532	2,520	2,724	2,660	2,746	2,898	2,719	2,729	2,808	2,931	2,958	2,820

Prefecture of industrial accidents in other construction works 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	126	128	116		143		131	123	137	82	77	75	102	123	115	103	113	139	114	123	122	111
Aomori	12	18	31		22		20	21	13	14	18	24	23	28	20	26	22	16	17	25	20	20

Iwate	40	49	29		37		20	21	25	35	32	23	46	26	32	44	29	32	43	35	34	26
Miyagi	44	53	37		37		38	31	42	37	33	29	71	46	56	40	47	44	48	57	50	33
Akita	32	31	33		18		24	24	18	17	17	22	16	18	21	26	12	24	24	21	26	21
Yamagata	36	35	20		29		25	23	20	25	29	17	26	29	18	17	26	20	21	31	14	24
Fukushima	63	73	64		56		68	61	53	55	48	50	71	91	110	112	174	145	115	125	101	99
Ibaraki	87	82	83		79		74	102	93	69	75	63	86	88	81	105	101	119	103	104	74	61
Tochigi	61	54	90		66		74	65	64	69	43	55	44	53	43	64	57	61	58	43	62	43
Gunma	89	72	59		56		59	63	69	66	55	35	35	47	53	58	39	27	39	42	31	40
Saitama	155	148	164		136		136	184	171	194	122	98	185	156	130	150	110	115	134	153	160	146
Chiba	147	136	143		151		157	139	160	129	123	129	142	156	164	147	107	125	168	135	135	134
Tokyo	264	284	310		307		261	292	250	191	142	166	193	190	184	209	202	157	184	174	202	148
Kanagawa	157	135	138		144		127	139	139	150	134	101	125	106	98	113	100	136	102	100	138	143
Niigata	87	96	85		64		45	53	55	49	43	38	43	49	45	41	35	41	60	42	60	47
Toyama	39	26	44		32		54	34	34	32	26	27	31	15	24	20	25	29	25	38	29	28
Ishikawa	16	23	20		13		18	16	19	16	27	16	19	20	13	23	21	14	30	37	24	24
Fukui	29	35	23		17		34	19	34	29	23	20	23	23	23	29	32	30	24	23	29	27
Yamanashi	33	23	29		26		12	19	19	23	19	26	17	16	17	16	25	15	22	17	10	15
Nagano	45	41	44		40		28	42	39	43	34	47	30	38	35	48	49	36	31	34	39	36
Gifu	59	55	50		68		66	46	55	61	69	72	51	64	45	44	44	39	36	42	50	32
Shizuoka	102	113	113		107		106	85	97	101	75	75	64	73	69	67	51	64	61	81	96	74



Aichi	235	209	226		185		234	237	201	189	155	154	176	145	165	174	167	164	189	183	192	219
Mie	59	65	54		61		53	61	52	54	52	46	51	38	64	47	59	51	55	53	60	67
Shiga	21	29	23		29		32	40	38	47	37	37	32	39	40	30	32	33	38	44	53	32
Kyoto	81	83	74		64		77	55	70	79	62	56	57	48	42	52	35	54	50	44	60	64
Osaka	360	344	295		239		260	220	218	283	226	255	220	166	203	209	183	174	165	208	227	206
Hyogo	163	165	140		110		98	124	123	121	102	95	97	86	95	131	115	99	105	147	127	127
Nara	26	27	15		25		20	26	27	22	22	25	23	22	10	21	16	22	19	27	13	19
Wakayama	46	42	28		30		34	27	26	28	17	29	15	21	15	20	21	17	11	19	18	12
Tottori	8	14	7		14		18	11	9	5	9	5	14	2	5	14	10	4	10	6	18	10
Shimane	16	20	21		11		19	10	19	17	30	21	13	14	14	26	20	16	16	13	15	17
Okayama	49	42	61		38		46	72	69	77	40	51	58	62	59	70	70	57	49	67	79	79
Hiroshima	106	93	81		69		81	81	91	87	66	56	75	72	78	86	76	84	71	93	68	71
Yamaguchi	39	49	36		54		48	44	44	58	28	40	46	48	43	34	34	68	50	36	43	49
Tokushima	19	20	18		14		21	26	18	22	21	20	16	18	29	29	27	30	18	29	16	30
Kagawa	46	40	29		29		27	16	24	17	15	18	21	13	29	30	11	14	31	21	20	17
Ehime	59	63	64		47		33	51	42	28	14	41	32	32	33	27	42	17	42	44	47	47
Kochi	24	21	25		22		25	23	20	24	12	25	18	20	23	21	20	18	16	18	16	13
Fukuoka	140	137	146		161		153	123	132	134	103	106	100	107	113	118	116	115	111	129	136	110
Saga	26	29	40		32		24	36	22	21	21	25	27	27	42	19	31	28	34	31	22	42
Nagasaki	60	36	35		31		28	47	30	33	33	20	23	35	34	41	32	40	48	45	38	39





traffic accident (others)	5	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	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
others	0	1	1	3	2	1	0	2	0	1	1	1	9	3	1	4	2	2	3	0	3	0
unclassifiable	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
total	112	89	89	85	88	100	87	83	102	81	73	69	111	61	51	65	71	54	63	59	54	54

Causal agents (middle) of fatal accidents in other construction works 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
power transmission mechanism	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
woodworking machine	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0
construction machine	4	8	4	4	5	2	4	5	6	8	7	4	3	4	7	5	3	4	6	2	6	4
metal manufacturing machine	1	1	0	1	1	0	0	0	0	0	0	1	0	1	0	1	0	2	0	0	0	0
general machine	0	4	1	2	0	3	1	1	2	0	1	0	3	1	0	0	0	0	2	0	1	2
mobile silviculture machine																	0	0	0	0	0	0
crane	6	9	6	5	5	4	7	5	8	1	4	4	6	7	1	6	7	1	5	8	4	3
conveying machine	7	8	9	14	13	12	10	15	9	5	4	11	8	7	3	3	10	6	10	8	4	6

vehicle	13	6	3	3	9	11	6	3	5	8	6	3	7	4	6	10	4	0	9	1	4	6
pressure vessel	0	0	0	2	0	6	0	0	0	0	0	3	1	0	0	0	1	1	0	0	0	0
chemical facilities	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	2	0	0	0	0	0	0
welding equipment	0	0	0	0	0	1	1	1	0	0	3	2	2	0	0	0	3	0	0	2	0	0
kiln, caldron	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
electric equipment	22	9	10	8	3	12	13	6	7	15	6	6	2	4	1	8	7	8	7	3	1	1
human power machine, tools	2	2	0	1	0	0	1	0	2	2	1	0	1	0	1	0	0	0	0	2	1	1
tools	7	4	11	6	4	6	4	9	7	4	10	4	6	4	5	4	6	1	1	3	3	3
other equipments, facilities	4	4	2	3	2	2	3	2	0	4	3	1	3	1	1	6	2	0	1	0	1	5
temporary buildings, establishments	31	24	28	26	27	28	25	24	34	26	21	17	21	20	15	11	15	24	14	18	15	14
hazards, harmful substances	3	1	1	0	8	2	2	6	5	1	2	0	0	0	0	1	2	1	0	2	1	1
materials	2	1	2	0	1	2	2	0	4	3	1	1	4	1	2	0	1	0	0	0	1	1
load	2	3	3	0	1	2	2	2	4	0	0	1	1	2	2	0	2	0	1	3	2	2
natural environment	5	3	6	7	6	5	5	2	5	3	3	8	42	3	6	5	6	4	3	6	6	4
other causal agent	0	0	2	1	2	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
no causal agent	0	0	0	0	0	0	0	1	0	0	1	1	1	2	0	1	2	1	3	1	3	0
unclassifiable	1	1	0	1	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0
total	112	89	89	85	88	100	87	83	102	81	73	69	111	61	51	65	71	54	63	59	54	54



hardening machine	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
demolition machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	0
vehicle for high lift work	3	3	2	1	2	2	3	5	3	4	4	3	1	3	3	3	2	2	2	0	2	1
other construction machines	1	2	0	0	0	0	0	0	1	2	1	0	0	1	1	0	0	0	1	0	0	0
lathe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
drill press, milling machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
grinding machine, buffing machine	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
power press	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
forging pressure hammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
shearing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
other metal manufacturing machines	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
centrifugal machine	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mixer, grinder	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
roll machine (except printingroll machine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
injection molding machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
food manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
printing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0







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	10	6	5	7	2	11	9	3	5	10	3	4	2	2	1	4	6	5	6	3	1	1
electric power facilities	9	2	4	1	1	1	4	2	2	2	3	2	0	2	0	3	0	2	1	0	0	0
other electrical equipment	3	1	1	0	0	0	0	1	0	3	0	0	0	0	0	1	1	1	0	0	0	0
human power cranes	1	1	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	1	1
human power hauling equipment	0	1	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	1	0	0	
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	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ladder	6	4	8	5	2	3	4	7	4	4	7	2	5	3	5	2	4	0	1	2	1	1
slinging tool	1	0	2	1	1	2	0	2	3	0	2	1	1	0	0	1	1	1	0	0	0	2
other tools	0	0	1	0	1	1	0	0	0	0	1	1	0	1	0	1	1	0	0	1	2	0
other equipment, facilities	4	4	2	3	2	2	3	2	0	4	3	1	3	1	1	6	2	0	1	0	1	5
scaffolding	7	1	4	6	5	3	3	0	5	6	3	5	4	4	3	0	4	4	2	2	2	1
timbering	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage	0	0	0	1	3	0	0	2	3	0	1	0	0	1	0	0	0	0	0	0	1	0
opening	1	4	2	2	2	6	1	3	3	1	3	2	5	2	2	2	1	0	2	2	3	1
roof, beam, haze, crossbeam, principal rafter	11	5	6	6	3	7	6	6	9	5	0	4	6	5	6	4	2	8	4	7	5	3
working platform, boot	1	2	2	1	1	1	0	0	1	3	0	1	1	1	0	2	2	1	0	0	1	0



water	2	0	0	0	1	0	2	0	1	0	1	0	34	1	0	1	1	1	1	0	0	0	
abnormal environment	0	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
high/cold temperature environment	0	1	3	3	2	1	0	1	1	1	0	6	3	1	2	0	1	1	0	2	3	1	
other environments	0	0	0	0	0	2	0	0	0	1	1	0	4	0	1	2	0	0	0	0	0	0	
other causal agent	0	0	2	1	2	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	
no causal agent	0	0	0	0	0	0	0	1	0	0	1	1	1	2	0	1	2	1	3	1	3	0	
unclassifiable	1	1	0	1	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	
total	112	89	89	85	88	100	87	83	102	81	73	69	111	61	51	65	71	54	63	59	54	54	

Workers age of fatal accidents in other construction works 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	1	1	3	1	1	1	2	1	1	2	0	3	2	1	2	1	0	0	0	0	1	2
20-29	22	22	17	19	12	16	13	15	11	11	9	11	16	8	9	10	10	14	7	7	5	6
30-39	16	13	14	15	10	23	18	17	19	13	14	15	13	9	8	8	6	6	11	6	6	6
40-49	16	12	13	12	13	19	16	11	10	20	15	5	24	11	5	12	17	16	17	16	14	14
50-59	37	30	27	28	26	21	27	26	34	15	19	16	24	11	13	19	14	7	14	9	11	13
60 years old or more	20	11	15	10	26	20	11	13	27	20	16	19	32	21	14	15	24	11	14	21	17	13
total	112	89	89	85	88	100	87	83	102	81	73	69	111	61	51	65	71	54	63	59	54	54

### Workers' number of workplace of fatal accidents in other construction works 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	50	42	56	46	45	55	51	44	61	46	42	37	62	33	30	38	37	25	32	26	26	21
10-29	40	31	16	29	23	30	27	29	27	21	14	23	36	16	15	21	26	21	16	24	19	21
30-49	13	6	7	5	9	4	4	4	7	9	10	3	7	6	3	3	4	3	8	4	2	8
50-99	6	4	8	4	10	3	5	3	2	3	5	5	3	1	2	2	4	3	4	4	3	2
100-299	3	5	1	1	1	5	0	2	3	2	1	1	3	5	1	1	0	2	2	1	4	1
300 workers or more	0	1	1	0	0	3	0	1	2	0	1	0	0	0	0	0	0	0	1	0	0	1
total	112	89	89	85	88	100	87	83	102	81	73	69	111	61	51	65	71	54	63	59	54	54

### Month of fatal accidents in other construction works 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	6	8	5	5	9	6	7	8	7	7	5	9	4	8	4	5	8	5	3	4	1	4
February	8	6	5	5	6	6	7	11	5	4	7	4	2	2	5	6	5	9	7	5	6	6
March	12	5	11	4	11	14	9	7	8	7	7	6	46	3	5	6	11	2	8	3	3	7
April	9	3	11	14	7	5	5	7	5	4	4	8	6	8	4	7	5	4	6	2	4	4
May	7	4	10	4	6	7	3	4	11	10	3	7	9	5	6	7	6	4	6	4	5	4
June	10	10	5	8	6	7	6	9	6	6	5	6	1	3	3	5	6	5	5	4	2	3

July	9	12	12	9	8	12	7	3	15	13	3	9	8	4	4	9	2	3	7	8	6	6
August	13	16	4	7	12	13	11	10	8	5	6	6	8	7	9	4	10	7	4	2	3	5
September	12	6	6	4	6	9	11	6	16	9	9	3	4	10	4	5	4	7	6	8	5	4
October	6	4	7	10	7	11	6	3	11	6	7	4	2	4	2	2	7	2	3	10	7	2
November	13	8	6	5	7	5	10	3	4	7	5	2	11	7	4	5	3	1	3	6	10	5
December	7	7	7	10	3	5	5	12	6	3	12	5	10	0	1	4	4	5	5	3	2	4
total	112	89	89	85	88	100	87	83	102	81	73	69	111	61	51	65	71	54	63	59	54	54

Prefecture of fatal accidents in other construction works 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	5	5	6	0	6	4	3	3	10	5	5	2	0	1	0	2	8	4	4	2	2	2
Aomori	1	0	0	0	2	2	2	1	2	1	1	2	3	1	1	3	1	1	0	1	0	0
Iwate	3	2	1	3	1	4	0	0	0	1	0	0	12	0	0	2	0	1	0	1	0	1
Miyagi	4	4	1	0	1	1	3	1	1	1	1	3	17	0	0	0	0	0	0	2	0	0
Akita	1	0	1	0	0	0	0	0	1	3	0	1	1	1	1	1	0	1	2	2	1	0
Yamagata	1	0	1	1	0	1	0	1	0	0	0	1	1	1	1	0	1	0	0	0	0	0
Fukushima	1	2	2	3	3	3	6	2	2	1	2	4	18	3	5	2	5	4	1	4	4	4
Ibaraki	2	0	4	6	0	3	5	2	6	2	2	0	6	2	3	3	4	0	1	3	3	1
Tochigi	2	0	1	1	0	1	1	2	0	2	2	4	2	1	1	1	1	1	1	0	0	1

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

Wakayama	3	0	0	0	2	0	0	0	2	1	0	0	2	1	0	0	0	0	0	0	1	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	1	0	1	0	0	0	1	1	1	0	2	1	0	0	0	1	0	1	0	0	0	0
Okayama	2	1	4	3	1	2	2	2	3	1	0	3	1	2	2	2	1	1	2	1	3	1
Hiroshima	3	2	3	3	1	3	2	3	4	0	1	0	1	2	1	1	0	1	4	0	1	0
Yamaguchi	2	1	2	1	3	2	0	2	1	0	2	0	1	0	1	1	1	1	2	3	1	2
Tokushima	0	1	0	2	1	2	1	0	1	1	0	0	0	0	3	0	0	0	0	0	1	0
Kagawa	2	0	0	1	0	1	1	1	0	1	0	1	1	0	0	1	0	0	1	0	0	0
Ehime	2	0	2	0	4	0	0	6	1	1	0	1	0	1	1	0	1	0	2	1	3	1
Kochi	2	0	0	1	1	1	0	1	0	0	1	0	1	1	0	0	0	0	0	1	0	0
Fukuoka	7	6	1	4	5	4	8	2	2	4	3	0	2	2	2	3	1	1	0	2	1	1
Saga	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2	0	0	0	0	0
Nagasaki	2	3	2	2	0	0	1	0	0	1	0	1	1	0	2	1	1	1	2	0	0	0
Kumamoto	1	1	1	0	1	0	2	1	2	2	0	0	0	2	1	0	1	2	2	1	0	1
Oita	3	0	2	1	1	2	5	0	2	2	1	0	1	3	0	1	1	2	3	0	1	2
Miyazaki	1	2	1	1	1	6	2	1	0	0	0	1	0	0	0	0	0	2	0	1	0	0
Kagoshima	4	0	0	1	0	1	0	1	0	0	0	1	1	0	0	0	1	1	2	1	1	0
Okinawa	0	2	1	0	1	1	1	0	1	2	1	2	1	0	1	1	1	0	2	1	2	0
total	112	89	89	85	88	100	87	83	102	81	73	69	111	61	51	65	71	54	63	59	54	54



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

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