

Industrial accidents in other civil engineering work in Japan in 1999-2020

other civil engineering work industry Code No.030199

Type of accidents in other civil engineering work 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	850	847	778	737	672	697	615	580	609	605	516	549	527	534	532	530	488	443	483	492	493	450
falling to same level	420	386	330	321	328	267	272	246	205	243	207	201	248	243	226	238	238	230	248	243	213	233
crash	189	189	188	173	144	119	128	119	117	99	93	118	107	92	115	93	97	84	109	97	101	118
struck by flying or falling object	632	586	490	506	396	373	377	314	333	295	299	281	272	272	252	251	226	235	226	201	183	191
collapse	153	167	142	118	108	124	103	82	76	103	70	75	71	82	67	68	66	51	61	57	48	49
crashed by	321	297	267	224	257	222	183	210	171	177	161	152	135	175	153	147	151	124	126	154	158	147
caught in/between	688	664	610	575	471	442	444	391	368	322	307	309	293	309	296	311	261	233	259	298	262	268
cut	294	322	274	233	221	241	211	219	204	182	168	216	199	185	177	179	162	162	207	163	158	190
injury to the sole of the foot	19	8	14	14	6	11	11	9	3	6	7	10	11	3	10	2	5	7	6	3	7	3
drown	3	0	1	1	0	3	4	1	3	4	4	2	11	4	2	7	1	1	0	1	0	1

contact to high/low-temperature	36	43	42	32	28	19	28	19	27	25	10	43	38	34	35	25	25	26	33	38	33	43
contact to harmful substance	13	15	12	8	3	9	5	9	10	10	3	8	2	5	9	2	5	5	7	1	3	7
electric shock	0	4	2	2	0	1	0	2	2	2	1	0	1	0	0	4	4	3	1	0	2	1
explosion	3	5	2	1	2	2	5	2	1	0	1	3	0	1	0	1	0	0	0	2	0	2
burst	9	4	7	6	1	1	4	2	2	2	1	2	4	3	0	0	0	1	1	2	1	1
fire	6	6	9	3	7	1	2	13	2	0	6	0	1	1	0	3	1	2	1	2	3	0
traffic accident (public road)	166	136	139	110	110	97	106	109	83	72	72	69	63	105	80	92	66	82	80	74	68	64
traffic accident (others)	5	0	0	4	1	1	6	0	2	0	0	1	0	0	1	3	0	1	1	2	2	1
reaction to motion/improper motion	181	179	187	146	146	115	116	135	119	99	99	128	103	114	125	108	87	110	117	124	98	134
others	20	24	23	10	13	21	22	21	13	20	17	7	25	21	10	10	15	18	9	12	11	22
unclassifiable	4	4	8	1	4	3	1	5	1	2	2	4	1	1	5	4	0	1	1	1	1	1
total	4,012	3,886	3,525	3,225	2,918	2,769	2,643	2,488	2,351	2,268	2,044	2,178	2,112	2,184	2,095	2,078	1,898	1,819	1,976	1,967	1,845	1,926

Causal agents (middle) of industrial accidents in other civil engineering work 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	2	3	1	1	0	2	2	0	2	2	3	0	0	0	1	1	0	0	2	1	1	0
power transmission mechanism	5	6	5	1	9	4	4	2	4	5	1	1	3	1	4	1	5	1	1	3	0	1
woodworking machine	137	137	124	116	112	112	101	95	105	83	88	111	98	83	97	100	70	81	92	88	91	96
construction machine	487	446	383	364	351	320	331	277	258	269	193	247	220	236	250	222	215	217	211	180	197	204
metal manufacturing machine	48	47	37	41	31	32	36	34	35	29	19	35	25	32	22	33	30	36	44	24	26	32
general machine	139	134	113	121	112	110	75	100	103	76	79	86	78	90	80	72	81	67	90	76	68	80
mobile silviculture machine																	4	1	3	4	2	2
crane	160	165	135	164	121	119	119	94	99	107	94	85	72	79	82	85	65	67	61	87	81	80
conveying	462	441	444	425	371	329	329	340	293	271	232	264	243	249	254	276	227	217	246	271	240	230

machine			4		1		1	0	2	2	1	1	1	0	1	1	0	2	0	2	0	1
hollow chisel mortiser, wood borer			0		0		1	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0
chamfering machine, router, woodworking milling machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chain saw			40		39		43	36	43	35	45	51	46	42	47	60	45	49	61	49	62	72
other woodworking machines			14		19		17	13	11	12	15	18	16	12	15	9	9	8	12	14	9	7
leveling, transporting or loading machine			55		60		43	40	37	46	27	55	33	35	44	28	42	36	41	44	32	28
excavating machine			192		164		167	122	127	123	91	99	90	114	107	93	99	105	94	67	104	116
foundation work machine			19		9		20	12	13	17	13	11	9	14	18	11	10	12	9	10	7	11
hardening machine			26		31		20	22	15	15	10	23	15	13	11	17	12	10	17	9	12	8
demolition machine			19		20		16	20	8	9	13	17	6	11	19	12	14	12	15	11	10	14
vehicle for high lift work			3		1		1	2	5	5	4	2	5	2	4	1	3	4	2	4	2	3

hauling equipment			16		12		12	13	12	10	10	10	11	6	9	11	7	7	4	8	8	8
human power machine			2		5		8	3	2	3	3	2	2	1	2	0	2	1	1	5	3	4
hand tool			144		103		89	81	62	85	82	74	67	71	64	57	56	44	53	51	53	66
ladder			176		160		159	147	141	149	143	150	160	145	141	134	159	120	144	148	138	150
slinging tool			38		39		31	27	26	31	30	29	21	18	19	13	19	17	16	12	14	23
other tools			65		37		50	40	52	43	30	35	56	43	33	39	26	34	44	30	21	30
other equipment, facilities			30		12		29	24	30	20	22	19	13	23	14	24	22	17	24	22	14	23
scaffolding			44		39		36	19	30	39	21	10	18	20	28	17	19	13	20	12	16	15
timbering			22		9		9	9	9	10	5	5	5	5	5	2	2	2	7	8	5	5
stairs, landing stage			46		37		31	27	29	25	38	23	27	33	27	26	28	32	12	19	27	20
opening			10		6		8	3	10	9	9	6	7	7	7	8	5	9	7	12	11	14
roof, beam, haze, crossbeam, principal rafter			39		23		34	27	19	17	13	19	22	16	29	13	16	10	9	23	24	14
working platform, boot board			69		64		51	48	43	61	51	44	35	40	28	54	42	47	48	44	47	24
passage			124		103		92	91	72	78	70	72	89	91	77	86	85	100	102	101	74	102
building,			142		115		80	89	101	79	67	86	88	78	80	76	86	65	60	71	74	76

30-39	492	531	498	447	453	428	454	416	391	392	361	412	409	392	365	335	333	281	272	260	245	236
40-49	687	647	593	556	460	424	374	399	393	367	376	393	376	418	411	398	378	376	393	409	363	385
50-59	1,081	1,042	970	882	831	818	781	720	659	679	550	516	485	465	456	462	377	323	424	398	403	413
60 years old or more	977	892	756	678	615	619	572	548	580	519	482	565	576	611	588	623	590	614	629	651	601	638
total	4,012	3,886	3,525	3,225	2,918	2,769	2,643	2,488	2,351	2,268	2,044	2,178	2,112	2,184	2,095	2,078	1,898	1,819	1,976	1,967	1,845	1,926

Workers' number of workplace of industrial accidents in other civil engineering work 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	1,987	1,950	1,742	1,729	1,596	1,533	1,460	1,327	1,331	1,292	1,112	1,183	1,152	1,154	1,131	1,137	1,038	960	1,047	1,059	971	1,009
10-29	1,447	1,402	1,285	1,075	953	914	874	845	746	719	694	740	709	717	704	659	590	591	639	636	621	635
30-49	376	336	306	279	234	182	176	198	157	167	161	158	155	181	153	167	174	161	188	173	171	185
50-99	138	136	129	92	96	102	88	92	90	73	62	62	69	94	70	78	73	75	79	73	66	67
100-299	62	55	59	45	36	35	40	25	26	13	14	33	21	36	37	36	22	31	19	24	13	29
300 workers or more	2	7	4	5	3	3	5	1	1	4	1	2	6	2	0	1	1	1	4	2	3	1
total	4,012	3,886	3,525	3,225	2,918	2,769	2,643	2,488	2,351	2,268	2,044	2,178	2,112	2,184	2,095	2,078	1,898	1,819	1,976	1,967	1,845	1,926

Month of industrial accidents in other civil engineering work 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	310	306	276	267	235	228	210	231	188	201	162	171	188	185	178	180	167	158	176	156	165	125
February	329	348	306	299	294	252	230	232	197	213	177	208	186	225	169	177	142	157	168	164	173	166
March	362	342	366	286	256	258	263	203	209	199	176	215	218	166	204	183	155	146	152	183	161	152
April	265	283	268	235	237	195	196	160	165	193	123	139	134	142	140	169	141	160	135	151	121	149
May	302	289	246	231	222	167	187	184	188	160	141	154	149	173	152	177	128	126	131	160	140	133
June	317	300	283	258	247	214	222	177	211	178	190	166	158	150	139	141	164	153	166	146	144	166
July	376	358	329	314	293	264	236	213	201	224	165	208	181	186	217	210	195	176	198	194	188	157
August	360	351	303	276	237	225	226	212	228	174	190	197	204	194	185	183	165	163	173	175	171	172
September	353	306	284	259	236	233	196	225	186	186	153	196	181	171	179	170	161	155	141	157	159	175
October	349	328	313	282	248	240	212	236	203	203	206	209	183	191	168	175	170	143	175	195	158	164
November	355	334	285	265	192	268	240	231	193	163	193	140	185	192	195	136	164	162	193	158	143	200
December	334	341	266	253	221	225	225	184	182	174	168	175	145	209	169	177	146	120	168	128	122	167
total	4,012	3,886	3,525	3,225	2,918	2,769	2,643	2,488	2,351	2,268	2,044	2,178	2,112	2,184	2,095	2,078	1,898	1,819	1,976	1,967	1,845	1,926

Prefecture of industrial accidents in other civil engineering work 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	373	386	334		248		245	260	194	163	170	185	155	187	209	189	200	154	183	202	160	157
Aomori	81	54	61		43		44	26	29	25	24	34	34	39	29	33	32	29	46	30	44	35

Iwate	55	53	68		45		43	41	37	28	31	26	49	34	23	36	35	27	31	24	29	35
Miyagi	73	93	76		63		43	40	33	37	30	32	72	80	70	54	50	85	74	71	38	41
Akita	75	59	83		44		41	34	30	28	40	19	27	38	38	31	31	31	22	32	23	28
Yamagata	81	63	70		59		49	35	36	33	35	47	49	41	36	44	41	36	34	35	28	44
Fukushima	100	97	73		63		43	49	51	47	45	44	50	69	60	77	45	46	39	62	42	50
Ibaraki	75	67	55		45		38	26	27	30	23	30	63	56	54	39	34	39	46	41	44	34
Tochigi	51	54	46		26		26	39	36	43	26	19	27	28	22	19	39	26	21	27	34	27
Gunma	92	99	84		67		41	39	42	45	36	37	26	30	35	35	32	34	27	24	38	39
Saitama	128	110	80		95		98	82	87	95	86	101	86	79	78	82	75	67	65	72	72	72
Chiba	129	99	98		118		116	102	83	86	90	95	91	95	108	90	62	89	70	87	80	81
Tokyo	154	144	139		146		128	123	124	130	97	101	101	103	88	109	106	78	99	78	68	72
Kanagawa	179	191	169		159		136	140	121	119	94	130	105	78	85	91	76	84	95	80	105	100
Niigata	211	186	157		115		142	126	107	95	85	91	84	98	95	83	73	82	59	72	59	67
Toyama	52	61	35		38		42	41	26	22	26	26	27	41	19	22	21	23	28	27	26	28
Ishikawa	25	21	13		15		11	15	10	16	19	15	11	12	10	20	10	9	13	4	10	13
Fukui	35	29	23		21		25	21	28	34	21	16	18	17	13	17	22	17	15	13	28	21
Yamanashi	48	31	27		46		20	33	18	25	20	21	9	14	18	13	14	13	25	19	7	17
Nagano	74	75	87		59		52	42	59	40	46	46	41	43	41	56	32	44	31	30	47	38
Gifu	64	85	62		62		52	42	30	43	44	26	23	41	38	35	32	30	33	34	33	34
Shizuoka	111	104	83		82		85	53	92	80	58	92	53	58	45	58	52	50	42	42	47	61

Aichi	113	145	136		126		78	81	82	85	84	88	82	78	66	69	72	69	73	85	65	71
Mie	115	87	110		79		51	47	42	41	37	65	40	29	34	36	27	31	32	26	34	48
Shiga	44	39	20		23		11	28	13	28	21	21	11	21	18	18	16	14	16	16	20	12
Kyoto	50	72	67		38		57	48	42	32	41	29	33	49	32	33	34	25	36	24	25	41
Osaka	121	134	128		98		99	95	90	87	72	70	70	68	65	75	63	39	35	63	42	57
Hyogo	131	150	136		79		83	83	82	74	65	65	81	74	78	70	54	41	65	61	50	45
Nara	39	29	57		30		21	20	20	16	30	25	18	24	17	19	12	14	17	11	16	24
Wakayama	46	49	37		20		24	24	25	15	23	17	26	26	21	10	15	11	17	14	15	11
Tottori	30	29	25		16		8	19	10	9	13	7	4	11	13	13	13	12	9	8	13	18
Shimane	34	42	38		26		18	30	23	30	14	11	22	21	19	13	16	19	11	18	16	9
Okayama	48	74	64		42		58	42	54	45	35	38	37	39	43	31	38	39	52	33	27	21
Hiroshima	111	104	95		74		82	61	64	48	54	49	44	40	51	29	41	32	44	56	43	54
Yamaguchi	41	35	47		43		18	38	36	29	24	29	32	20	25	24	25	21	34	17	10	18
Tokushima	77	53	36		31		27	37	28	29	20	22	31	18	13	22	20	21	21	17	23	22
Kagawa	41	40	24		30		38	29	24	25	23	25	19	16	20	11	14	15	16	20	22	17
Ehime	57	64	61		61		46	35	40	34	24	21	25	23	21	28	24	28	28	29	23	25
Kochi	59	58	61		53		37	22	19	31	15	27	42	35	31	30	35	21	30	34	25	27
Fukuoka	145	108	104		100		84	73	87	100	78	90	75	87	71	86	66	65	104	95	60	71
Saga	44	39	32		18		21	18	21	24	28	21	18	21	29	26	15	14	25	20	30	35
Nagasaki	55	53	43		37		41	40	36	25	25	39	37	29	25	30	32	25	26	26	30	34

traffic accident (others)	0	0	0	2	1	0	1	0	0	0	1	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
others	2	1	0	1	2	1	3	2	0	1	0	0	5	2	1	0	1	2	1	1	0	3
unclassifiable	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0
total	133	113	97	82	69	72	72	75	43	51	60	49	56	53	44	47	36	28	42	47	27	31

Causal agents (middle) of fatal accidents in other civil engineering work 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	0	0	1	0	0
woodworking machine	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
construction machine	31	26	20	9	12	14	16	12	5	9	10	11	8	12	6	10	4	6	7	12	2	9
metal manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
general machine	3	0	1	2	0	0	2	1	0	0	3	0	0	2	2	3	1	1	0	3	0	0
mobile silviculture machine																	0	0	0	0	0	0
crane	5	9	2	4	3	6	3	3	1	3	3	4	1	4	1	0	1	2	2	3	2	2
conveying machine	28	25	20	15	7	11	17	11	12	8	12	7	4	4	6	4	2	5	7	3	6	6

vehicle	21	7	15	7	10	8	4	12	3	5	7	6	8	7	2	6	4	2	2	6	0	0
pressure vessel	0	0	0	1	0	0	0	0	0	0	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	1	0	0	0	0	0	0	0	0	0	0	1	0	0
kiln, caldron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
human power machine, tools	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	6	5	3	4	2	3	5	2	2	4	3	2	2	3	3	1	3	1	3	2	0	1
other equipments, facilities	1	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
temporary buildings, establishments	14	13	13	11	11	9	4	10	8	3	6	5	4	6	3	6	5	3	4	7	6	3
hazards, harmful substances	1	5	0	2	0	0	1	0	0	1	1	3	0	0	3	1	0	0	1	0	0	0
materials	3	2	3	1	1	1	3	0	1	1	3	0	0	1	0	1	0	0	1	0	0	0
load	0	0	1	0	1	1	1	1	0	2	1	0	0	1	1	0	1	0	0	0	0	0
natural environment	19	17	18	23	22	19	15	19	9	14	8	11	28	11	13	12	13	5	14	8	11	8
other causal agent	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	1
no causal agent	0	0	0	0	0	0	0	2	0	0	0	0	1	2	1	0	1	2	1	1	0	0
unclassifiable	1	2	0	2	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	0	0	0
total	133	113	97	82	69	72	72	75	43	51	60	49	56	53	44	47	36	28	42	47	27	31

Causal agents (small) of fatal accidents in other civil engineering work in 1999-2020

Causal (S) 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	0	0	1	0	0
circular sawing machine	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
band sawing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
wood planer machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hollow chisel mortiser, wood borer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chamfering machine, router, woodworking milling machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chain saw	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
other woodworking machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
leveling, transporting or loading machine	5	7	5	2	0	3	3	3	3	1	3	4	1	3	1	3	1	2	1	4	0	1
excavating machine	16	14	10	4	7	6	7	8	1	3	4	4	5	4	5	4	2	3	5	3	0	6
foundation work machine	2	0	2	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	0	2	0	1

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

water	1	0	0	1	1	2	1	3	1	2	0	1	17	1	0	1	0	0	1	0	1	1
abnormal environment	0	1	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment	2	3	1	5	3	0	2	2	1	2	0	3	1	1	2	0	3	1	3	0	0	1
other environments	2	2	0	0	2	2	3	1	0	1	0	1	0	1	1	1	0	0	1	0	0	2
other causal agent	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	1
no causal agent	0	0	0	0	0	0	0	2	0	0	0	0	1	2	1	0	1	2	1	1	0	0
unclassifiable	1	2	0	2	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	0	0	0
total	133	113	97	82	69	72	72	75	43	51	60	49	56	53	44	47	36	28	42	47	27	31

Workers age of fatal accidents in other civil engineering work 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	4	2	1	0	1	1	1	0	1	1	0	1	0	1	2	1	0	1	0	1	0
20-29	20	8	12	11	5	6	7	4	9	1	3	4	2	3	5	0	1	3	4	3	1	1
30-39	15	8	12	8	5	7	5	6	7	5	3	7	7	7	4	6	3	2	2	4	5	3
40-49	19	20	17	14	12	7	10	8	4	4	7	8	7	9	7	12	6	4	6	6	3	4
50-59	32	33	27	20	31	26	23	25	8	19	23	11	20	15	8	8	6	7	11	7	5	6
60 years old or more	44	40	27	28	16	25	26	31	15	21	23	19	19	19	19	19	19	12	18	27	12	17
total	133	113	97	82	69	72	72	75	43	51	60	49	56	53	44	47	36	28	42	47	27	31

Workers' number of workplace of fatal accidents in other civil engineering work 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	47	53	31	33	33	30	30	36	23	23	22	25	22	26	21	18	18	10	22	22	16	18
10-29	59	40	46	29	28	28	31	31	12	23	26	17	22	18	16	20	9	11	16	19	9	8
30-49	14	11	14	12	4	9	8	5	6	5	8	4	6	5	4	6	6	4	1	4	1	4
50-99	10	8	3	2	3	5	1	1	2	0	4	3	4	3	1	1	2	3	3	1	0	1
100-299	2	0	3	6	1	0	2	2	0	0	0	0	2	1	2	2	1	0	0	1	1	0
300 workers or more	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	133	113	97	82	69	72	72	75	43	51	60	49	56	53	44	47	36	28	42	47	27	31

Month of fatal accidents in other civil engineering work 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	10	15	5	7	4	8	7	6	2	4	6	5	6	3	7	5	4	1	4	6	3	3
February	12	14	2	7	7	10	3	6	9	2	5	6	4	11	1	3	2	5	2	4	0	3
March	17	10	16	7	9	4	3	5	2	2	4	4	19	4	2	8	1	2	3	3	2	4
April	7	7	8	4	3	1	8	5	2	1	2	1	2	4	3	1	0	1	2	1	2	3
May	11	4	5	2	3	2	6	5	2	4	3	2	4	3	3	1	2	2	1	3	1	2
June	11	6	8	4	5	4	4	4	4	5	3	5	4	2	2	1	3	1	2	4	1	3

July	8	13	7	12	11	10	8	9	6	7	7	5	2	4	5	7	5	2	5	6	3	0
August	13	10	12	9	8	7	4	4	2	7	8	2	1	4	5	5	6	2	3	4	2	3
September	12	8	6	6	4	8	5	9	4	3	3	3	1	2	5	2	6	6	6	5	1	2
October	9	8	9	9	4	8	8	6	3	4	6	5	4	3	3	6	3	1	5	5	4	2
November	9	10	5	6	3	7	10	9	3	8	8	4	7	7	4	2	2	2	5	5	6	1
December	14	8	14	9	8	3	6	7	4	4	5	7	2	6	4	6	2	3	4	1	2	5
total	133	113	97	82	69	72	72	75	43	51	60	49	56	53	44	47	36	28	42	47	27	31

Prefecture of fatal accidents in other civil engineering work 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	15	9	12	8	3	5	6	2	4	8	9	4	1	5	4	8	3	3	5	6	3	0
Aomori	2	3	3	3	1	0	2	1	1	0	0	0	0	2	0	1	1	0	0	1	0	1
Iwate	0	0	2	2	2	1	1	0	1	1	3	1	6	1	0	1	1	0	1	2	0	0
Miyagi	4	3	1	1	2	0	0	0	1	3	2	1	10	2	2	0	0	1	0	2	0	0
Akita	0	2	0	0	1	1	2	7	0	0	2	1	1	1	3	0	2	1	1	1	0	1
Yamagata	1	2	1	0	0	1	0	1	0	0	0	1	0	3	0	0	0	1	1	0	0	0
Fukushima	2	2	2	4	3	1	0	2	2	1	1	1	4	3	3	2	3	1	0	0	1	3
Ibaraki	3	2	2	5	1	0	3	0	1	0	1	1	0	2	2	0	1	2	3	4	0	0
Tochigi	2	3	4	2	1	0	0	1	0	0	1	1	0	0	0	0	1	0	0	0	0	1

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

Wakayama	0	1	1	0	0	1	0	0	0	0	1	0	1	0	1	0	0	0	2	0	1	0
Tottori	4	1	1	0	0	2	1	1	0	1	2	0	0	1	2	1	0	0	0	0	0	1
Shimane	1	1	2	0	2	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0	1	1
Okayama	2	1	3	2	1	1	2	0	0	1	1	0	0	0	4	2	0	1	0	1	1	0
Hiroshima	5	4	3	3	0	4	2	0	1	2	1	1	3	2	0	3	0	0	2	0	1	0
Yamaguchi	3	2	0	0	1	1	0	2	1	0	1	0	2	1	1	1	0	0	1	0	0	0
Tokushima	4	2	0	1	0	0	2	1	2	2	0	1	1	0	0	1	0	0	3	3	1	0
Kagawa	1	1	1	3	0	1	0	0	2	1	1	0	0	1	0	0	0	0	0	1	0	0
Ehime	1	1	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0
Kochi	1	2	2	3	1	4	2	0	0	0	0	1	0	2	2	1	0	0	1	1	0	0
Fukuoka	5	3	2	2	1	1	1	4	1	2	1	1	0	3	2	0	1	0	2	1	0	1
Saga	2	0	1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	2	2	1	0	2
Nagasaki	2	3	3	0	1	0	2	3	0	2	1	0	0	0	0	0	0	1	0	0	1	0
Kumamoto	1	4	2	0	3	1	0	0	1	0	3	1	0	1	2	1	0	1	0	2	1	0
Oita	3	3	2	3	2	2	2	0	1	2	1	0	0	0	0	0	1	0	2	0	1	0
Miyazaki	0	3	2	3	1	1	0	3	2	0	0	1	1	0	2	0	2	0	0	0	1	0
Kagoshima	5	2	3	3	1	3	2	2	0	0	0	2	0	1	2	1	0	1	1	1	1	1
Okinawa	4	1	1	1	1	1	0	3	1	0	1	0	2	0	0	1	0	1	1	1	2	1
total	133	113	97	82	69	72	72	75	43	51	60	49	56	53	44	47	36	28	42	47	27	31

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

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