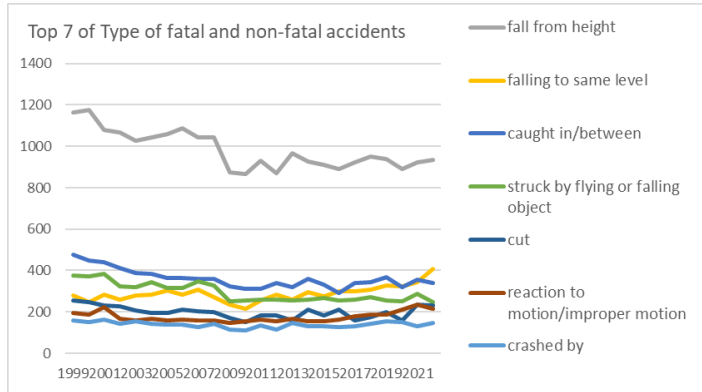
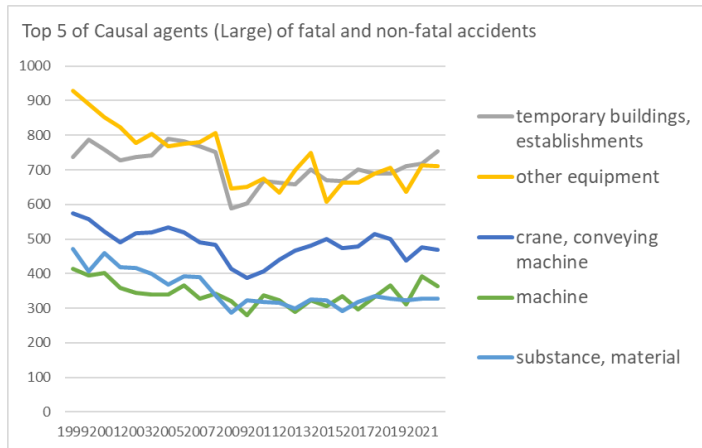


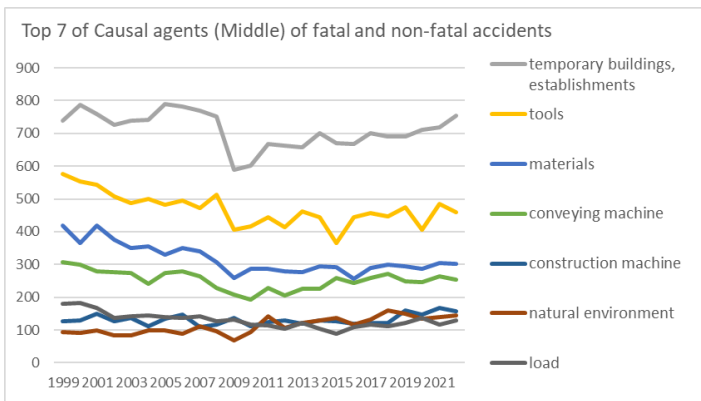
Transition of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)



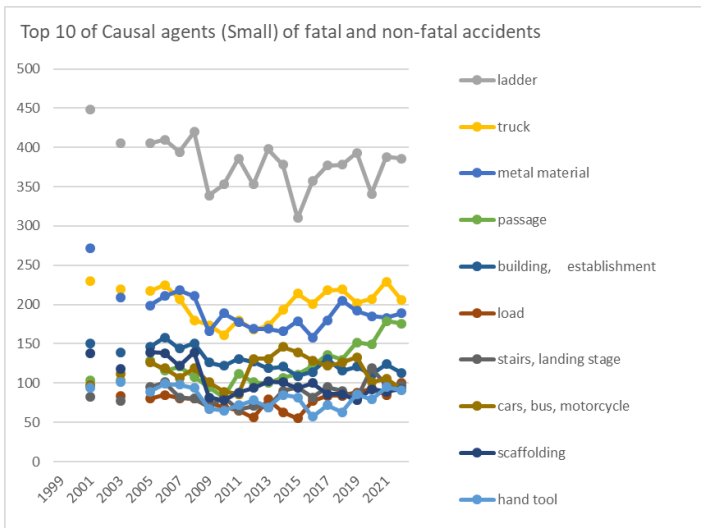
Transition of Top 7 of Type of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)



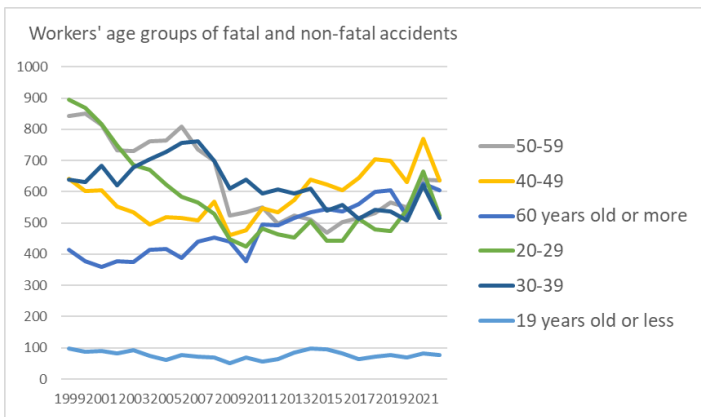
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)



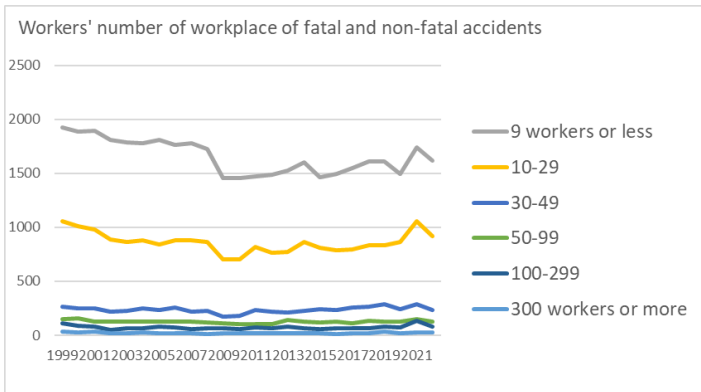
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)



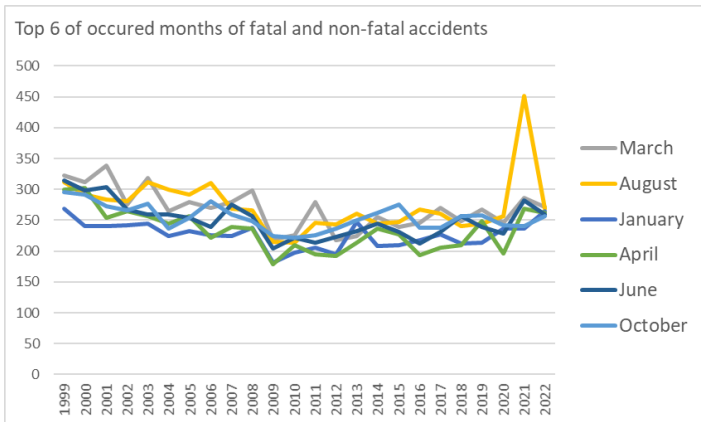
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)



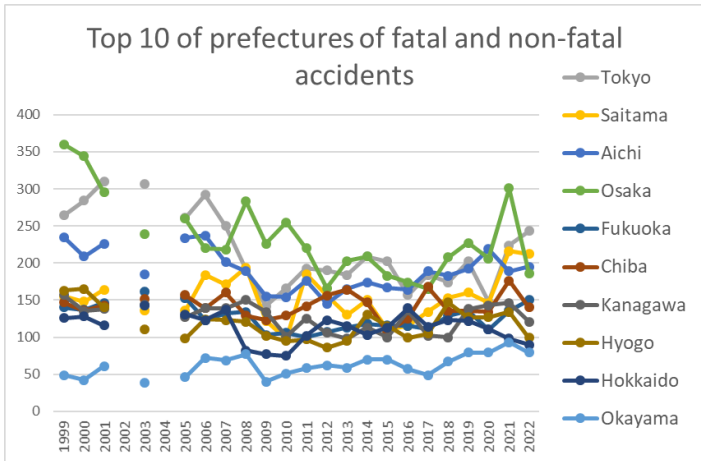
Transition of workers' age groups of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)

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	2021	2022	total	Type of accidents	
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	921	936	23,586	fall from height	
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	342	406	6,923	falling to same level	
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	354	339	8,646	caught in/between	
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	286	247	7,058	struck by flying or falling object	
cut	256	247	231	226	207	196	193	213	202	200	170	150	182	182	159	212	181	211	158	175	197	160	236	231	4,775	cut	
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	236	216	4,205	reaction to motion/improper motion	
crashed by	158	150	162	141	153	143	139	140	128	144	113	111	133	116	148	130	129	125	130	142	156	152	129	148	3,320	crashed by	
crash	172	169	149	132	152	131	151	160	130	150	104	122	128	113	121	127	103	133	126	110	144	136	149	130	3,242	crash	
traffic accident (public																											traffic accident

road)	151	132	141	122	145	133	162	152	134	125	98	107	107	144	141	168	155	165	155	161	150	110	129	107	3,294	(public road)
collapse	90	96	80	99	91	107	76	90	85	74	85	68	80	70	72	92	63	51	93	89	82	69	76	78	1,956	collapse
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	46	46	1,283	contact to high/low-temperature
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	23	27	430	injury to the sole of the foot
electric shock	63	55	44	37	26	43	44	31	43	44	27	27	17	15	30	36	26	21	16	27	17	21	27	24	761	electric shock
others	13	13	13	13	13	16	21	22	17	14	14	13	21	13	18	14	18	13	25	19	17	53	420	22	835	others
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	18	20	573	contact to harmful substance
explosion	14	8	9	9	6	11	15	5	6	4	6	7	3	3	6	5	2	4	4	2	2	5	2	7	145	explosion
fire	5	5	1	3	10	7	4	13	13	13	4	13	8	6	2	9	6	6	3	11	2	4		3	151	fire
traffic accident (others)	6	2	2	1			6	3		2	1				1	3	2		4	2	4	2		2	43	traffic accident (others)
unclassifiable	6	6	4	6	3		5	4	5	5	1	3	1	2	3	4	2	3	4	1	3	1	4	1	77	unclassifiable
drown	3	1		1	1		4		3	2	1		31	3		1	1	1	1	5	1	1	1	1	63	drown
burst	6	4	2	2	6	14	3	1	1	4	5	1	3	2	2	1	3	2		2		2			66	burst
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	3,399	2,991	71,432	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 0303 other construction works in Japan (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	Causal (L) agents
temporary buildings, establishments	738	787	758	727	738	741	789	783	769	751	589	602	667	662	657	700	671	668	700	690	690	710	719	754	17,060	temporary buildings, establishments



natural environment	94	92	98	84	85	100	98	88	111	96	69	93	142	107	121	129	137	116	133	161	150	134	140	145	2,723	environment
load	181	184	167	136	141	145	140	136	143	127	132	117	113	103	123	103	90	109	117	111	121	136	116	130	3,121	load
human power machine, tools	159	139	121	141	127	127	115	125	135	126	91	86	98	108	91	123	105	86	97	94	114	116	116	121	2,761	human power machine, tools
crane	138	157	143	106	124	149	122	114	115	131	101	96	89	101	104	102	97	93	92	115	114	86	104	115	2,708	crane
vehicle	130	100	101	109	118	130	136	126	112	124	106	98	89	134	136	151	145	136	127	127	138	106	109	101	2,889	vehicle
other equipments, facilities	64	88	78	71	74	67	71	71	76	81	65	62	71	60	75	96	61	69	52	71	52	61	45	83	1,664	other equipments, facilities
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	75	72	1,730	metal manufacturing machine
no causal agent	71	49	70	54	56	52	51	43	45	48	55	46	50	60	56	55	65	49	73	69	78	73	88	68	1,424	no causal agent
general machine	105	90	73	78	71	79	65	67	64	76	55	56	88	68	57	65	58	55	56	63	68	60	64	61	1,642	general machine
woodworking machine	61	66	73	59	62	51	58	62	63	55	51	48	51	50	54	62	60	73	48	61	66	44	73	61	1,412	woodworking machine
electric equipment	93	78	77	71	51	67	67	53	68	57	53	46	38	39	51	58	47	47	41	48	45	41	53	37	1,326	electric equipment
hazards, harmful substances	53	42	40	43	67	44	39	43	48	31	26	34	32	36	24	31	30	36	29	34	33	36	22	26	879	hazards, harmful substances
other causal agent	50	50	35	17	21	22	20	19	24	20	16	19	14	14	33	28	17	20	22	31	14	58	425	20	1,009	other causal agent
power transmission	10	9	11	8	2	12	13	11	12	9	8	6	7	8	4	7	4	5	11	6	8	2	8	8	189	power transmission

mechanism																											mechanism	
pressure vessel	10	10	13	13	13	21	12	9	12	13	5	15	8	6	4	9	6	7	9	6	4	5	6	4	220	pressure vessel		
welding equipment	11	13	14	8	10	7	14	12	8	11	16	16	9	4	12	8	12	6	4	16	9	3	5	3	231	welding equipment		
unclassifiable	8	8	4	6	1	2	5	6	5	7	3	4	1	2	2	4	3	3	6	1	3	1	2	3	90	unclassifiable		
engine	4	9	5	1	1	3	3	3	5	3		1		4	1		2	4	3	2	1		4	3	62	engine		
kiln, caldron	11	7	4	8	10	10	4	6	6	2	8	6	1	1	4	3	8	5	2	3	7	5	2	1	124	kiln, caldron		
chemical facilities	5	2	1	3	4	6	3	5	3	4	3	2	5	2	1	7	3	1		3	2	1	1	1	68	chemical facilities		
mobile silviculture machine																				2	1	1	2	1	1	1	9	mobile silviculture machine
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	3,399	2,991	71,432	total		

Transition of Causal agents (Small) of fatal and non-fatal accidents in 0303 other construction works in Japan (1999-2022)

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	2021	2022	total	Causal (S) agents
ladder			448		405		405	410	394	420	339	353	386	353	398	378	310	357	377	378	393	341	388	386	7,619	ladder
truck			230		219		217	225	207	180	174	161	180	168	173	193	214	201	218	219	202	207	229	206	4,023	truck
metal material			272		209		199	211	218	211	166	189	178	169	169	166	179	158	180	205	192	185	183	189	3,828	metal material
passage			103		103		129	116	121	108	95	82	112	101	100	107	111	122	136	130	152	149	179	176	2,432	passage
building, establishment			151		139		146	158	144	151	126	122	131	127	119	121	109	114	131	116	121	111	124	113	2,574	building, establishment
load			97		84		80	85	81	80	75	69	65	56	79	63	55	77	84	84	88	93	85	100	1,580	load
stairs, landing stage			83		77		95	101	82	80	70	82	66	71	69	90	95	82	95	90	80	119	98	97	1,722	stairs, landing stage
cars, bus, motorcycle			96		112		126	119	107	119	101	89	86	131	131	146	139	129	122	126	133	101	106	92	2,311	cars, bus, motorcycle





machine			45		32		29	34	24	34	29	22	33	28	35	24	28	26	22	28	28	16	33	33	583	machine
other metal manufacturing machines			46		33		23	35	21	26	23	27	23	24	15	26	17	22	20	27	25	21	27	31	512	other metal manufacturing machines
machine/equipment as load			70		57		60	51	62	47	57	48	48	47	44	40	35	32	33	27	33	43	31	30	895	machine/equipment as load
grinding machine, buffing machine			27		30		31	30	42	38	33	25	36	27	32	31	27	44	29	39	31	28	39	29	648	grinding machine, buffing machine
opening			32		34		25	33	33	25	25	18	24	18	26	29	31	29	19	40	33	27	36	29	566	opening
stone, sand, substance			30		40		33	27	28	31	19	22	23	26	25	28	20	17	27	19	28	29	24	29	525	stone, sand, substance
natural ground, rock			27		23		25	25	28	25	18	26	25	31	24	31	38	25	33	29	32	37	38	28	568	natural ground, rock
standing tree			26		23		24	29	35	29	23	20	25	21	31	27	38	28	38	33	38	25	24	28	565	standing tree
forklift			15		27		29	22	24	25	20	13	17	19	24	17	19	24	19	22	22	19	18	24	419	forklift
transmission			33		26		34	24	40	30	26	24	17	17	25	24	27	23	26	27	24	16	28	22	513	transmission
crane			32		24		26	37	27	33	28	15	22	26	26	22	20	15	23	27	32	9	28	22	494	crane
demolition machine			6		12		14	14	11	7	13	7	9	12	15	14	23	25	29	23	22	21	32	21	330	demolition machine
human power hauling equipment			15		14		11	15	15	16	14	11	15	20	12	16	13	19	20	21	17	22	9	21	316	human power hauling equipment
other causal agent			35		21		20	19	24	20	16	19	14	14	33	28	17	20	22	31	14	58	425	20	870	other causal agent
other construction machines			36		27		42	23	23	32	27	27	27	30	25	20	20	15	19	17	18	19	18	20	485	other construction machines
chain saw			8		12		15	19	16	10	14	15	11	17	9	22	23	23	18	16	25	20	27	18	338	chain saw
leveling, transporting or			13		14		7	6	7	7	7	6	6	9	10	19	10	13	9	13	13	15	20	18	222	leveling, transporting or







equipment, logging cableway			1						2	1				1				1	1							8	equipment, logging cableway	
centrifugal machine			1		1			1		2				1		1										7	centrifugal machine	
other kiln, caldron					2			1		1						1		1	1							7	other kiln, caldron	
hollow chisel mortiser, wood borer			1							2	1										1	1				6	hollow chisel mortiser, wood borer	
felling machine																1	1	1	2	1						6	felling machine	
derrick crane										1			1	2		1										5	derrick crane	
injection molding machine								1			1															2	injection molding machine	
simple skyline yarding equipment																						1	1			2	simple skyline yarding equipment	
forging pressure hammer			1																								1	forging pressure hammer
mobile logging machine																								1			1	mobile logging machine
skyline yarding machine																		1									1	skyline yarding machine
cargo lifting appliance																											1	cargo lifting appliance
straddle carrier																											1	straddle carrier
radiation			1																								1	radiation
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	3,399	2,991	71,432	total		

Transition of workers' age groups of fatal and non-fatal accidents in 0303 other construction works in Japan (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	Age
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50-59	842	852	814	733	731	762	764	810	735	698	523	534	551	498	523	511	470	504	515	533	565	549	639	636	15,292	50-59
40-49	641	602	604	553	534	496	518	515	509	568	461	476	547	535	574	640	624	604	643	704	699	630	769	636	14,082	40-49
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	625	604	11,472	60 years old or more
20-29	896	869	817	750	686	670	624	583	565	530	447	425	481	463	454	506	444	444	513	479	474	541	665	523	13,849	20-29
30-39	639	631	684	620	679	705	727	757	762	698	609	640	594	607	595	609	539	558	513	543	537	509	620	515	14,890	30-39
19 years old or less	99	87	89	83	93	75	62	76	73	70	52	68	56	64	84	98	96	81	64	72	77	70	81	77	1,847	19 years old or less
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	3,399	2,991	71,432	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 0303 other construction works in Japan (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	Workers scale
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	1,742	1,614	39,746	9 workers or less
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	1,056	920	20,665	10-29
30-49	262	246	246	220	227	250	238	255	217	227	173	183	238	221	209	226	240	235	259	264	285	241	288	232	5,682	30-49
50-99	148	159	127	130	128	123	127	130	129	120	114	101	104	105	143	124	122	128	112	133	123	127	151	124	3,032	50-99
100-299	108	90	83	52	65	66	77	76	56	67	65	58	75	66	81	63	60	69	67	68	79	70	135	77	1,773	100-299
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	27	24	534	300 workers or more
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	3,399	2,991	71,432	total

Transition of occurred months of fatal and non-fatal accidents in 0303 other construction works in Japan (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	Month
March	322	311	338	275	318	265	279	270	280	298	219	226	279	218	225	255	239	246	270	249	267	246	286	272	6,453	March
August	312	292	283	281	312	299	291	310	269	266	215	214	246	243	261	245	247	267	260	241	244	257	451	269	6,575	August
January	269	240	241	242	244	224	233	226	225	238	181	197	205	195	247	208	209	218	227	212	213	236	236	265	5,431	January
April	299	302	254	265	257	244	257	221	239	236	179	209	195	192	214	237	227	194	206	209	249	196	269	262	5,612	April

June	315	298	303	267	259	259	254	239	276	257	204	221	213	223	232	244	231	212	231	256	239	228	282	259	6,002	June
October	296	292	273	266	277	237	254	281	259	248	224	221	226	237	250	262	276	238	238	257	258	242	240	257	6,109	October
July	310	327	318	274	243	308	269	270	265	262	244	234	252	250	237	287	256	228	267	313	270	233	329	249	6,495	July
November	253	288	266	221	244	241	259	259	240	254	196	194	217	218	224	246	193	206	223	249	255	253	274	240	5,713	November
September	320	289	249	247	239	319	278	281	281	274	211	210	222	220	191	232	233	260	226	261	264	260	302	237	6,106	September
February	298	283	303	275	239	226	268	246	284	251	232	214	211	240	221	229	224	258	209	249	236	242	240	229	5,907	February
May	275	226	285	256	244	225	224	251	247	240	198	184	194	230	233	222	186	214	223	223	223	195	283	227	5,508	May
December	262	270	255	247	222	276	247	274	219	194	229	196	264	194	211	231	198	188	228	212	240	232	207	225	5,521	December
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	3,399	2,991	71,432	total

Transition of prefectures of fatal and non-fatal accidents in 0303 other construction works in Japan (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	Prefecture
Tokyo	264	284	310		307		261	292	250	191	142	166	193	190	184	209	202	157	184	174	202	148	224	243	4,777	Tokyo
Saitama	155	148	164		136		136	184	171	194	122	98	185	156	130	150	110	115	134	153	160	146	216	212	3,375	Saitama
Aichi	235	209	226		185		234	237	201	189	155	154	176	145	165	174	167	164	189	183	192	219	189	195	4,183	Aichi
Osaka	360	344	295		239		260	220	218	283	226	255	220	166	203	209	183	174	165	208	227	206	301	186	5,148	Osaka
Fukuoka	140	137	146		161		153	123	132	134	103	106	100	107	113	118	116	115	111	129	136	110	136	150	2,776	Fukuoka
Chiba	147	136	143		151		157	139	160	129	123	129	142	156	164	147	107	125	168	135	135	134	176	140	3,143	Chiba
Kanagawa	157	135	138		144		127	139	139	150	134	101	125	106	98	113	100	136	102	100	138	143	146	121	2,792	Kanagawa
Hyogo	163	165	140		110		98	124	123	121	102	95	97	86	95	131	115	99	105	147	127	127	134	99	2,603	Hyogo
Hokkaido	126	128	116		143		131	123	137	82	77	75	102	123	115	103	113	139	114	123	122	111	98	90	2,491	Hokkaido
Okayama	49	42	61		38		46	72	69	77	40	51	58	62	59	70	70	57	49	67	79	79	93	79	1,367	Okayama
Hiroshima	106	93	81		69		81	81	91	87	66	56	75	72	78	86	76	84	71	93	68	71	112	75	1,772	Hiroshima
Shizuoka	102	113	113		107		106	85	97	101	75	75	64	73	69	67	51	64	61	81	96	74	86	70	1,830	Shizuoka
Mie	59	65	54		61		53	61	52	54	52	46	51	38	64	47	59	51	55	53	60	67	56	68	1,226	Mie





Yamanashi	33	23	29		26		12	19	19	23	19	26	17	16	17	16	25	15	22	17	10	15	18	24	441	Yamanashi
Wakayama	46	42	28		30		34	27	26	28	17	29	15	21	15	20	21	17	11	19	18	12	19	21	516	Wakayama
Tokushima	19	20	18		14		21	26	18	22	21	20	16	18	29	29	27	30	18	29	16	30	40	21	502	Tokushima
Kochi	24	21	25		22		25	23	20	24	12	25	18	20	23	21	20	18	16	18	16	13	16	21	441	Kochi
Kagawa	46	40	29		29		27	16	24	17	15	18	21	13	29	30	11	14	31	21	20	17	34	20	522	Kagawa
Okinawa	18	22	21		17		26	14	25	30	32	33	20	29	25	17	12	9	16	12	9	8	29	20	444	Okinawa
Shimane	16	20	21		11		19	10	19	17	30	21	13	14	14	26	20	16	16	13	15	17	24	16	388	Shimane
Ishikawa	16	23	20		13		18	16	19	16	27	16	19	20	13	23	21	14	30	37	24	24	21	11	441	Ishikawa
Tottori	8	14	7		14		18	11	9	5	9	5	14	2	5	14	10	4	10	6	18	10	20	8	221	Tottori
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	3,399	2,991	71,432	total

Data Source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> MHLW, Jaan

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