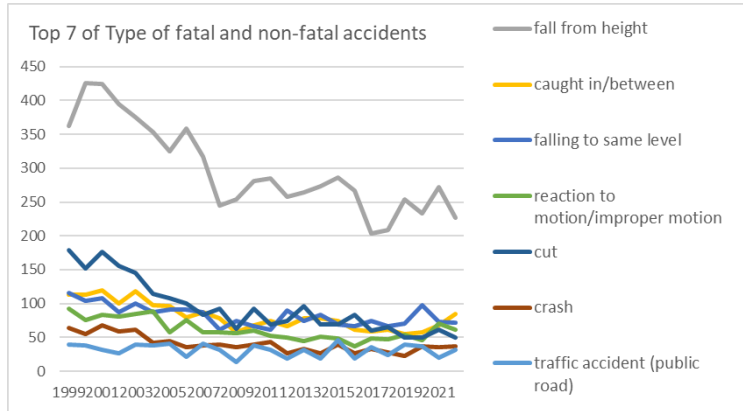
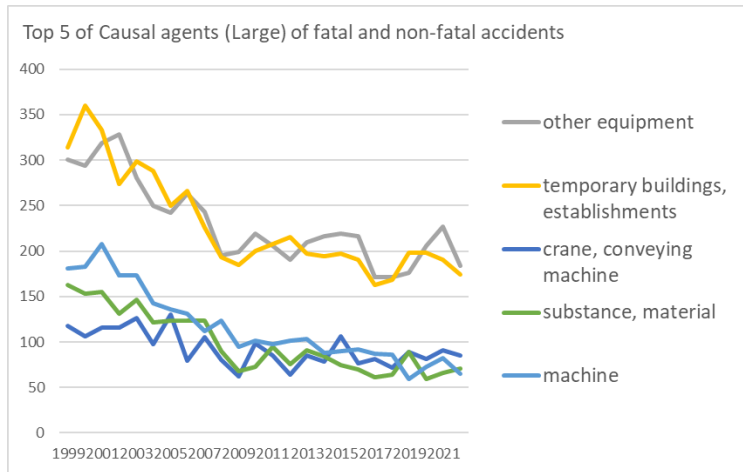


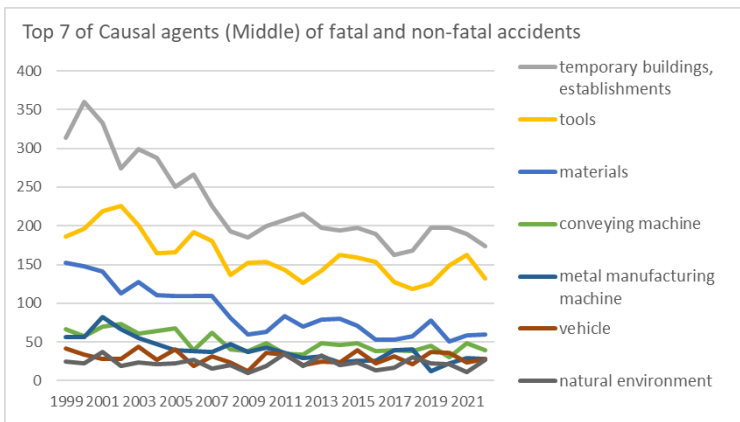
Transition of fatal and non-fatal accidents in 030203 building facility construction work in Japan (1999-2022)



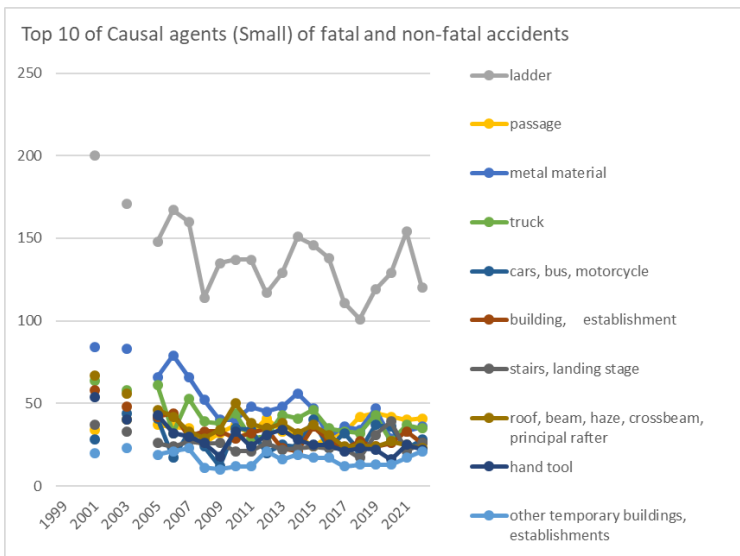
Transition of Top 7 of Type of fatal and non-fatal accidents in 030203 building facility construction work in Japan (1999-2022)



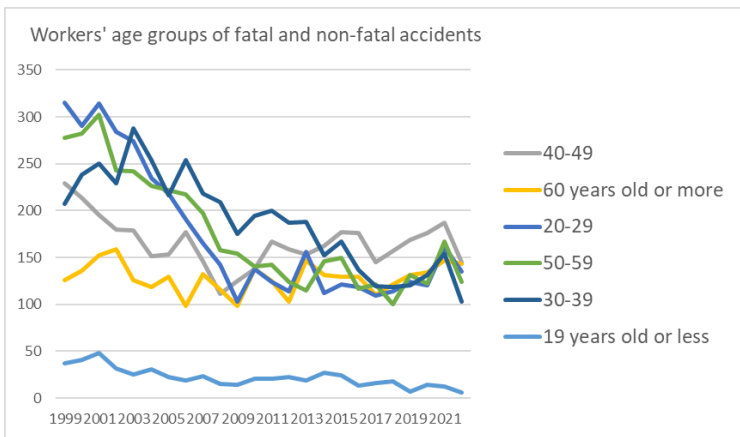
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 030203 building facility construction work in Japan (1999-2022)



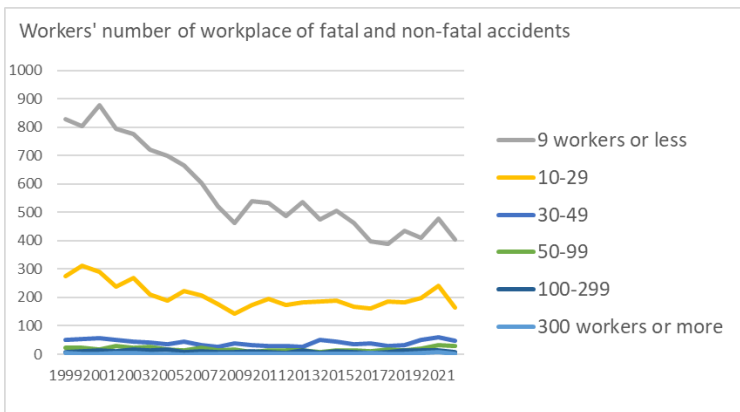
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 030203 building facility construction work in Japan (1999-2022)



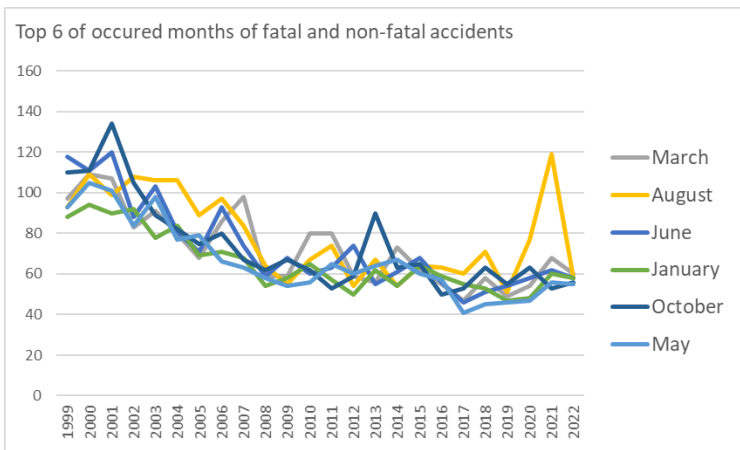
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 030203 building facility construction work in Japan (1999-2022)



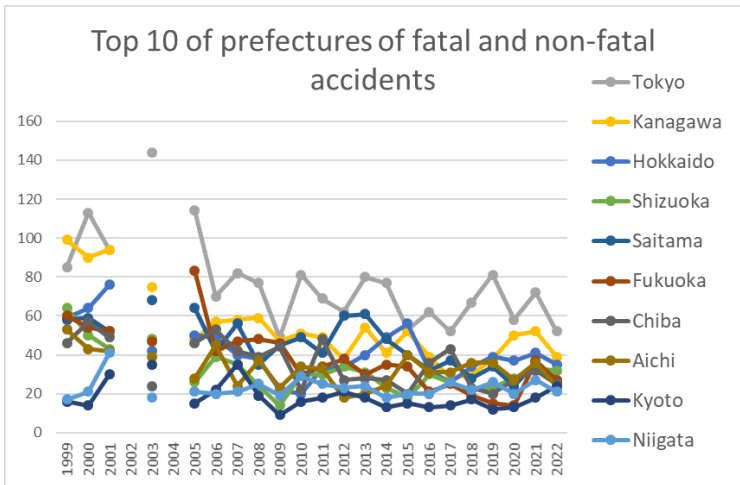
Transition of workers' age groups of fatal and non-fatal accidents in 030203 building facility construction work in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 030203 building facility construction work in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 030203 building facility construction work in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 030203 building facility construction work in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 030203 building facility construction work 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	363	426	424	395	375	354	325	359	317	245	254	281	285	258	264	273	286	267	203	209	254	233	272	227	7,149	fall from height	
caught in/between	113	113	119	100	118	97	96	80	87	78	58	68	74	67	78	78	74	62	59	61	55	57	68	84	1,944	caught in/between	
																											falling to same

falling to same level	116	104	108	87	100	87	91	91	87	62	74	66	62	90	74	83	69	67	74	66	70	97	73	72	1,970	level
reaction to motion/improper motion	92	76	83	81	84	88	58	76	57	57	56	60	52	50	45	51	49	37	48	47	53	46	71	61	1,478	reaction to motion/improper motion
cut	179	152	176	156	145	114	108	100	83	93	63	93	69	74	96	69	69	83	60	65	50	50	61	50	2,258	cut
crash	64	55	68	59	61	42	44	35	38	40	36	39	43	26	33	27	40	27	33	28	23	37	35	37	970	crash
traffic accident (public road)	40	38	32	27	40	38	41	21	41	31	14	38	31	19	31	19	46	19	35	24	39	37	20	32	753	traffic accident (public road)
struck by flying or falling object	107	127	138	108	95	93	91	99	75	72	56	55	58	63	73	62	61	51	50	51	57	55	56	28	1,781	struck by flying or falling object
crashed by	39	42	47	40	33	33	34	34	25	27	20	23	29	20	24	27	24	23	18	20	22	23	28	16	671	crashed by
contact to high/low-temperature	16	7	18	19	18	23	12	10	15	8	9	18	15	13	20	9	12	13	9	21	12	15	11	16	339	contact to high/low-temperature
collapse	30	32	22	18	28	18	33	24	29	19	8	12	16	11	18	20	21	17	11	18	28	16	12	13	474	collapse
contact to harmful substance	5	3	6	9	14	7	11	8	8	3	5	6	9	3	6	3	4	17	7	5	8	8	6	9	170	contact to harmful substance
others	4	6	5	5	5	7	6	3	4	6	4	5	13	3	6	3	5		3	2	3	12	111	5	226	others
electric shock	7	6	2	6	3	6	1	3	4	2	5		5	3	3	2			4	5	3	5	2	2	79	electric shock
unclassifiable	1	3		1			1	4	2		1						1							2	16	unclassifiable
explosion	2	1	3	1	1		2		1	1		1		1	3				1	1		2		1	22	explosion
burst		1		7		1	1	1	1		1						1	1	1			1		1	18	burst
injury to the sole of the foot	13	6	9	7	11	5	4	3	6	5	3	1	8	6	3	4	5	1	2	3	4	2	2		113	injury to the sole of the foot

fire	1	2	1	1	1	1	1	5	1	2	2	1		1	1		1	4	1	2	1	1			31	fire
drown					1								9												10	drown
traffic accident (others)		1			1	1						2	1	1				1	1						9	traffic accident (others)
total	1,192	1,201	1,261	1,127	1,134	1,015	960	956	881	751	669	769	779	709	778	730	768	690	620	628	682	697	828	656	20,481	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 030203 building facility construction work 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
other equipment	301	294	319	328	280	250	242	263	243	195	199	219	206	190	210	216	219	216	171	171	176	206	227	184	5,525	other equipment
temporary buildings, establishments	314	360	333	274	299	288	250	266	226	193	185	200	208	215	197	194	197	190	163	168	198	198	190	174	5,480	temporary buildings, establishments
crane, conveying machine	118	106	116	116	126	98	130	79	105	80	62	99	85	64	85	78	106	77	81	72	89	81	91	85	2,229	crane, conveying machine
substance, material	163	153	155	131	146	122	123	123	123	90	68	73	95	76	91	84	75	70	61	64	89	59	66	71	2,371	substance, material
machine	181	183	208	173	173	143	136	131	112	123	95	101	98	101	103	88	90	92	87	86	59	73	82	65	2,783	machine
environment	25	23	37	19	24	21	22	27	16	20	10	19	35	19	33	20	24	14	17	30	22	21	11	27	536	environment
load	44	46	60	41	51	52	34	33	35	27	24	29	25	25	44	31	36	15	20	13	30	25	23	25	788	load
others	46	36	33	45	35	41	23	34	21	23	26	29	27	19	15	19	21	16	20	24	19	34	138	25	769	others
total	1,192	1,201	1,261	1,127	1,134	1,015	960	956	881	751	669	769	779	709	778	730	768	690	620	628	682	697	828	656	20,481	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 030203 building facility construction work in Japan (1999-2022)

crane	10	14	18	15	21	7	21	20	11	15	12	14	16	10	12	8	17	16	10	13	7	15	19	17	338	crane
general machine	35	30	35	23	33	24	24	29	32	20	17	19	12	18	21	16	17	14	14	11	13	18	12	11	498	general machine
hazards, harmful substances	11	5	14	18	18	11	13	13	14	9	8	10	11	6	12	4	4	17	8	7	11	8	7	11	250	hazards, harmful substances
woodworking machine	58	48	51	53	53	34	32	34	18	37	20	21	23	26	25	23	16	24	17	16	17	13	17	9	685	woodworking machine
electric equipment	11	5	4	12	7	6	2	6	5	5	7	6	7	6	9	4		4	7	7	4	6	4	5	139	electric equipment
other causal agent	15	16	7	11	6	9	1	7	3	5	3	5	6	3	1	3	7	5	5	3	2	10	115	3	251	other causal agent
unclassifiable	2	3		1	2	1	2	3	4	1	1	1	1		1	2	2			1				2	30	unclassifiable
pressure vessel	5	2	5	3	4	5	5	4	1	1	1	1		2	3	1		1		4	2	1	3	1	55	pressure vessel
welding equipment	5	2	3	4	3	5	2		2	4	3	2	3			1		2	2	2	2	3			50	welding equipment
power transmission mechanism		1	2	1	10	1	2		4	1	1		4	4	1		2	2		1	1	1	3		42	power transmission mechanism
kiln, caldron			1	7		1		2						1	2		1		1		1	3	1		21	kiln, caldron
engine		2			1		2		1		1	1			2		2						2		14	engine
chemical facilities	2					2		1	2	2		1								2					12	chemical facilities
mobile silviculture machine																		1							1	mobile silviculture machine

total	1,192	1,201	1,261	1,127	1,134	1,015	960	956	881	751	669	769	779	709	778	730	768	690	620	628	682	697	828	656	20,481	total
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Transition of Causal agents (Small) of fatal and non-fatal accidents in 030203 building facility construction work 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			200		171		148	167	160	114	135	137	137	117	129	151	146	138	111	101	119	129	154	120	2,784	ladder
passage			34		40		37	36	35	26	32	37	31	41	33	31	24	30	32	42	44	42	40	41	708	passage
metal material			84		83		66	79	66	52	40	40	48	45	48	56	47	30	36	34	47	29	33	36	999	metal material
truck			64		58		61	32	53	39	38	44	29	30	43	41	46	35	33	32	43	27	37	35	820	truck
cars, bus, motorcycle			28		44		41	17	32	24	12	35	34	20	25	24	40	23	32	21	37	36	23	28	576	cars, bus, motorcycle
building, establishment			58		48		42	44	30	33	33	29	32	35	23	21	36	28	23	27	24	26	33	26	651	building, establishment
stairs, landing stage			37		33		26	24	27	26	26	21	21	26	22	23	24	23	23	17	31	39	21	26	516	stairs, landing stage
roof, beam, haze, crossbeam, principal rafter			67		56		46	42	33	29	34	50	38	35	38	32	37	31	24	25	24	27	25	23	716	roof, beam, haze, crossbeam, principal rafter
hand tool			54		40		43	32	30	26	18	33	24	31	34	28	25	25	21	23	22	16	25	22	572	hand tool
other temporary buildings, establishments			20		23		19	21	23	11	10	12	12	21	16	19	17	17	12	13	13	13	17	21	330	other temporary buildings, establishments
scaffolding			76		54		52	64	46	41	25	33	52	33	44	39	39	31	29	24	39	23	29	20	793	scaffolding
no causal agent			26		27		20	24	14	17	22	23	20	16	13	14	12	11	15	20	17	24	23	20	378	no causal agent
other equipment, facilities			25		20		21	22	16	14	11	17	18	19	16	14	29	23	11	10	17	20	24	20	367	other equipment, facilities
load			45		34		22	23	26	14	13	15	21	16	25	23	23	14	14	8	22	18	13	17	406	load

machines			9		16		5	6	5	11	3	2	4	5	5	5	3	6	2	4	4	2	3	1	101	machines
slinging tool			4		4		4	4	4	5	3	4		1	3	2	4	5	3	1	2	2	4	1	60	slinging tool
standing tree			4		1		1	1	2		2	3	1	2	3	1	3		1	3	3	2	1	1	35	standing tree
other electrical equipment			2		3		1	3	1	2	1	2		1	3			2	1	1	1	3	1	1	29	other electrical equipment
mixer, grinder			2		1		1	3	1	2	1	2			2	2	3		3	1	1			1	26	mixer, grinder
boiler			2		3		2	2	1		1	1		2	1					3			1	1	20	boiler
drill press, milling machine			2		2				1	4		1		1	1		1		1	2				1	17	drill press, milling machine
hollow chisel mortiser, wood borer					1					1		1			2	1			1					1	8	hollow chisel mortiser, wood borer
food manufacturing machine									1										1					1	3	food manufacturing machine
other construction machines			15		6		9	6	3	5	4	4	4	4	8	5	3	6	2	5	2	1	3		95	other construction machines
power transmission mechanism			2		10		2		4	1	1		4	4	1		2	2		1	1	1	3		39	power transmission mechanism
inflammable gas			5		3		1	2	2	2	1	3	3	3	4	1		3	1		1		1		36	inflammable gas
inflammable substance			3		3		3	5	3	2	2	2		2	2		1	1	1	1	2				33	inflammable substance
demolition machine					3		3	2	1		4	1	5	1	1	2	2	2		1	1	3			32	demolition machine
power press			3		2		1			1	2	2	2	1		1		3	4	5	1	2	1		31	power press
electric power facilities			1		2			1	1		2	2	4	3				2	2		2	2			24	electric power facilities

environment																								environment		
band sawing machine			1									1	1											4	band sawing machine	
other welding equipment				1					3															4	other welding equipment	
gondola													1	1										3	gondola	
other vehicles								2															1	3	other vehicles	
pressure vessel														2										1	3	pressure vessel
chamfering machine, router, woodworking milling machine										1															2	chamfering machine, router, woodworking milling machine
lumberyard equipment, logging cableway																									2	lumberyard equipment, logging cableway
loader																									2	loader
other kiln, caldron																									2	other kiln, caldron
forging pressure hammer																									1	forging pressure hammer
injection molding machine																									1	injection molding machine
mobile logging machine																									1	mobile logging machine
rough terrain hauler																									1	rough terrain hauler
railway vehicle																									1	railway vehicle
explosive substance																									1	explosive substance

20-29	315	290	314	284	274	235	218	191	165	142	103	138	124	114	156	112	121	118	109	114	124	120	161	135	4,177	20-29
50-59	278	282	302	243	242	226	222	217	197	158	154	140	142	124	115	146	150	117	121	100	131	122	167	124	4,220	50-59
30-39	207	238	250	229	288	254	216	254	218	209	175	194	200	187	188	152	167	137	119	118	120	131	154	103	4,508	30-39
19 years old or less	37	41	48	32	25	31	22	19	23	15	14	21	21	22	19	27	24	13	16	18	7	14	12	6	527	19 years old or less
total	1,192	1,201	1,261	1,127	1,134	1,015	960	956	881	751	669	769	779	709	778	730	768	690	620	628	682	697	828	656	20,481	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 030203 building facility construction work 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	829	804	879	796	777	722	698	665	605	521	462	541	532	487	537	475	507	463	398	388	435	410	477	405	13,813	9 workers or less
10-29	276	311	291	237	268	210	190	224	209	177	144	174	194	173	183	187	190	169	161	185	184	197	240	165	4,939	10-29
30-49	50	53	58	50	46	43	36	44	31	27	38	31	29	28	27	50	44	34	39	30	32	51	60	47	978	30-49
50-99	24	22	18	28	22	25	18	14	24	14	17	9	15	14	15	9	14	13	12	16	15	19	31	28	436	50-99
100-299	9	10	13	11	16	14	16	9	10	9	7	11	8	5	13	6	10	8	6	7	14	15	13	9	249	100-299
300 workers or more	4	1	2	5	5	1	2		2	3	1	3	1	2	3	3	3	3	4	2	2	5	7	2	66	300 workers or more
total	1,192	1,201	1,261	1,127	1,134	1,015	960	956	881	751	669	769	779	709	778	730	768	690	620	628	682	697	828	656	20,481	total

Transition of occurred months of fatal and non-fatal accidents in 030203 building facility construction work 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	97	109	107	83	91	80	68	86	98	59	59	80	80	59	56	73	62	55	47	58	49	54	68	60	1,738	March
August	93	109	99	108	106	106	89	97	84	64	55	67	74	54	67	54	64	63	60	71	51	77	119	58	1,889	August
June	118	111	120	88	103	81	71	93	74	59	68	60	63	74	55	61	68	56	46	51	54	58	62	58	1,752	June
January	88	94	90	92	78	84	69	71	68	54	58	65	57	50	62	54	64	59	55	53	47	48	60	58	1,578	January
October	110	111	134	105	89	82	75	80	67	62	67	62	53	59	90	63	65	50	53	63	55	63	53	56	1,767	October
May	93	105	101	84	98	77	79	66	63	58	54	56	65	60	64	67	60	57	41	45	46	47	56	55	1,597	May

December	87	83	83	82	97	70	76	62	55	53	42	52	67	68	59	59	49	56	52	43	44	51	51	54	1,495	December
September	110	79	113	109	86	91	85	86	79	75	53	60	50	49	62	61	78	68	47	49	58	60	92	53	1,753	September
July	95	102	118	110	114	107	96	72	87	64	59	75	80	73	80	77	81	72	56	59	66	61	77	52	1,933	July
April	92	93	88	87	99	77	87	85	70	60	53	50	65	57	63	70	63	48	46	42	66	66	80	52	1,659	April
February	98	102	106	82	80	79	75	78	70	84	49	73	61	54	55	56	57	52	62	44	68	49	61	52	1,647	February
November	111	103	102	97	93	81	90	80	66	59	52	69	64	52	65	35	57	54	55	50	78	63	49	48	1,673	November
total	1,192	1,201	1,261	1,127	1,134	1,015	960	956	881	751	669	769	779	709	778	730	768	690	620	628	682	697	828	656	20,481	total

Transition of prefectures of fatal and non-fatal accidents in 030203 building facility construction work 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	85	113	94		144		114	70	82	77	49	81	69	62	80	77	53	62	52	67	81	58	72	52	1,694	Tokyo
Kanagawa	99	90	94		75		48	57	58	59	47	51	49	38	54	41	52	39	28	30	38	50	52	39	1,188	Kanagawa
Hokkaido	59	64	76		42		50	49	40	38	22	20	33	34	40	49	56	32	26	34	39	37	41	35	916	Hokkaido
Shizuoka	64	50	43		48		26	39	35	24	14	30	30	34	31	23	18	30	26	22	23	28	33	32	703	Shizuoka
Saitama	58	59	52		68		64	42	56	35	45	49	41	60	61	48	40	32	37	28	34	24	36	27	996	Saitama
Fukuoka	60	54	52		47		83	42	47	48	46	30	34	38	30	35	34	21	25	19	15	14	37	27	838	Fukuoka
Chiba	46	57	49		24		46	53	42	39	44	22	48	27	28	27	20	36	43	23	20	27	32	25	778	Chiba
Aichi	53	43	42		39		28	45	24	37	23	34	33	18	20	24	40	31	31	36	36	27	36	24	724	Aichi
Kyoto	16	14	30		35		15	22	35	19	9	16	18	21	18	13	15	13	14	17	12	13	18	24	407	Kyoto
Niigata	17	21	41		18		21	20	21	25	19	29	25	23	24	18	20	20	26	22	26	20	27	21	504	Niigata
Fukushima	22	26	24		28		21	26	14	13	20	11	18	22	20	19	16	20	21	14	11	16	16	19	417	Fukushima
Hyogo	47	59	39		42		20	33	26	14	19	38	17	18	26	31	25	31	17	19	16	29	22	17	605	Hyogo
Hiroshima	26	20	29		22		24	27	23	17	17	30	16	11	19	8	23	12	11	12	10	18	27	17	419	Hiroshima
Iwate	10	11	29		13		18	9	17	11	9	11	18	8	9	10	12	7	8	13	8	12	6	17	266	Iwate

Tochigi	12	7	12		11		12	11	9	11	12	10	19	22	22	11	15	13	9	5	9	5	9	17	263	Tochigi
Kagoshima	11	4	7		15		9	3	12	9	17	6	12	8	7	12	19	14	9	7	17	14	15	16	243	Kagoshima
Gunma	31	19	38		17		17	15	11	17	9	13	12	23	14	19	19	9	13	15	9	12	24	15	371	Gunma
Osaka	91	103	111		54		28	46	32	29	38	43	38	26	27	15	24	24	16	22	16	17	17	14	831	Osaka
Nagano	29	28	25		22		20	27	24	16	14	18	24	16	15	15	20	15	14	13	15	21	8	14	413	Nagano
Aomori	24	11	24		20		8	20	10	9	7	8	10	5	10	9	9	17	12	9	8	11	16	14	271	Aomori
Miyagi	14	14	16		20		20	14	20	28	22	20	30	14	26	15	16	22	17	18	19	19	23	12	419	Miyagi
Ibaraki	16	22	30		24		18	19	14	7	12	8	20	15	8	26	18	15	10	9	11	20	53	12	387	Ibaraki
Kumamoto	8	12	4		16		13	11	19	12	9	13	8	10	16	18	11	15	15	9	14	13	16	11	273	Kumamoto
Okayama	16	24	16		24		17	7	12	10	8	4	10	7	5	11	6	2	8	15	12	4	8	10	236	Okayama
Okinawa	2	5	4		1		1	3	6	6	4	3	10	5	11	15	6	15	13	14	17	10	12	10	173	Okinawa
Gifu	20	23	30		19		21	27	24	7	12	9	7	11	10	6	11	11	12	8	11	13	7	9	308	Gifu
Wakayama	18	13	21		21		20	17	13	14	10	14	22	11	9	8	13	15	10	6	9	10	13	9	296	Wakayama
Fukui	10	8	20		6		10	12	11	5	8	5	2	6	1	1	6		3	8	5	6	8	9	150	Fukui
Yamaguchi	15	22	12		23		8	20	5	10	4	8	10	5	13	8	7	13	6	12	14	24	15	8	262	Yamaguchi
Nagasaki	10	9	11		18		9	11	11	2	3	6	8	5	4	7	10	4	9	9	12	9	7	8	182	Nagasaki
Kagawa	9	7	8		11		15	10	19	14	5	11	2	2	11	4	3	3	4	10	7	8	6	8	177	Kagawa
Miyazaki	12	4	4		12		6	19	11	6	3	7	9	8	5	10	9	2	4	9	8	6	10	8	172	Miyazaki
Mie	22	16	15		25		6	17	9	8	9	13	10	9	11	16	14	23	12	13	10	8	9	7	282	Mie
Kochi	17	7	13		5		7	10	8	6	5	4	1	5	4	3	4	5	4	1	4	13	5	7	138	Kochi
Akita	24	14	23		18		11	18	10	6	6	5	6	6	5	4	5	6	5	11	11	6	10	6	216	Akita
Yamagata	14	23	24		9		11	19	6	8	5	7	6	8	5	13	7	9	6	4	7	6	10	6	213	Yamagata
Ishikawa	6	6	9		2		5	5	4	3	10	10	4	14	9	4	11	6	8	10	5	7	8	6	152	Ishikawa
Saga	7	9	9		10		12	5	10	9	4	6	6	8	6	9	4	3	6	2	5	7	6	6	149	Saga

Nara	4	5	4		12		9	7	6	4	5	5		1	3	6	4	5	1		5	1	6	6	99	Nara
Shimane	6	6	4		5		5	1	1	3	5	1	3	5	5		5	6	3	3	5	3	7	6	88	Shimane
Oita	37	48	14		18		17	11	7	7	15	10	7	5	10	3	12	11	1	2	9	9	7	5	265	Oita
Toyama	13	8	20		9		11	6	7	6	5	12	9	10	11	12	22	5	9	3	13	17	18	5	231	Toyama
Ehime	10	5	6		6		7	7	10	5	5	8	5	11	14	13	13	4	7	8	4	4	10	5	167	Ehime
Yamanashi	6	4	10		3		4	4	1		2		1	2	6	3	3	4		1	4	1	3	4	66	Yamanashi
Tokushima	6	11	9		17		17	9	12	13	6	22	12	8	8	6	10	2	2	6	10	6	2	3	197	Tokushima
Shiga	7	20	10		10		5	10	4	2	4	5	5	3	5	1	3	2	4	5	4	7	3	2	121	Shiga
Tottori	3	3	4		6		3	1	3	3	3	3	2	1	2	4	5	4	3	5	4	7	2	2	73	Tottori
total	1,192	1,201	1,261	1,127	1,134	1,015	960	956	881	751	669	769	779	709	778	730	768	690	620	628	682	697	828	656	20,481	total

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