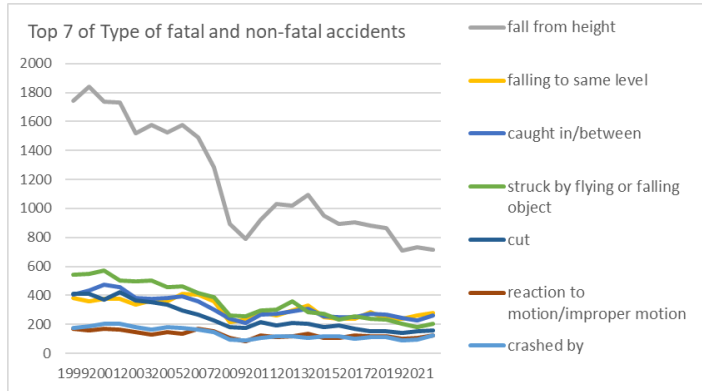
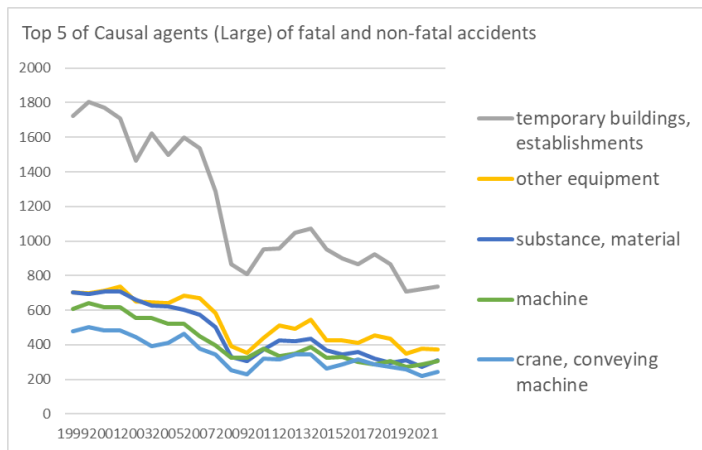


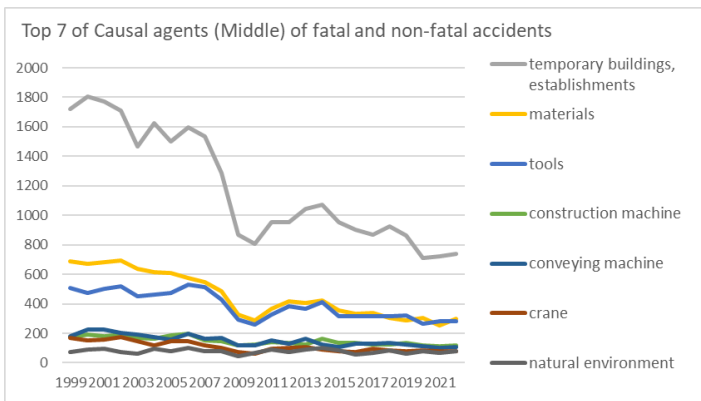
Transition of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house construction work in Japan (1999-2022)



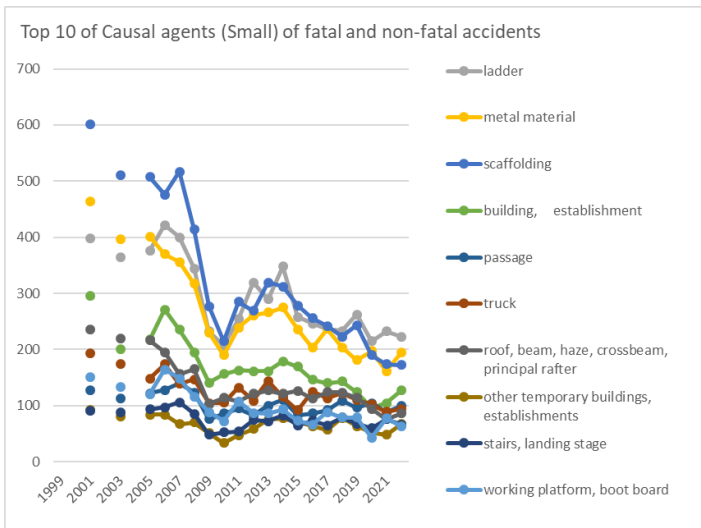
Transition of Top 7 of Type of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house construction work in Japan (1999-2022)



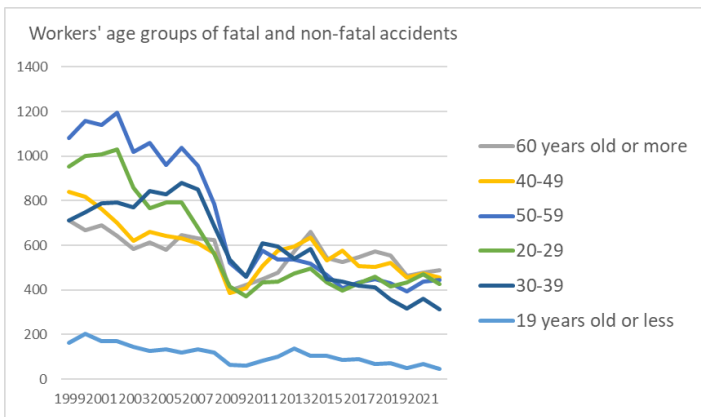
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house construction work in Japan (1999-2022)



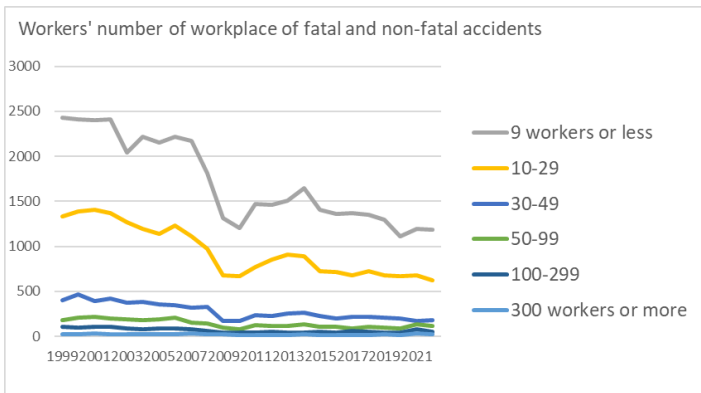
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house construction work in Japan (1999-2022)



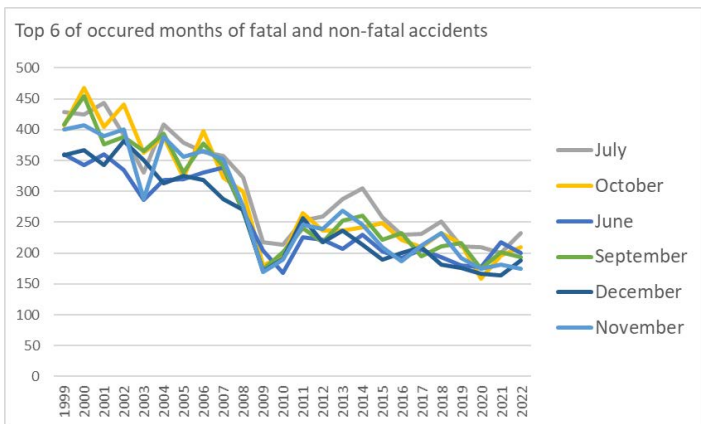
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house construction work in Japan (1999-2022)



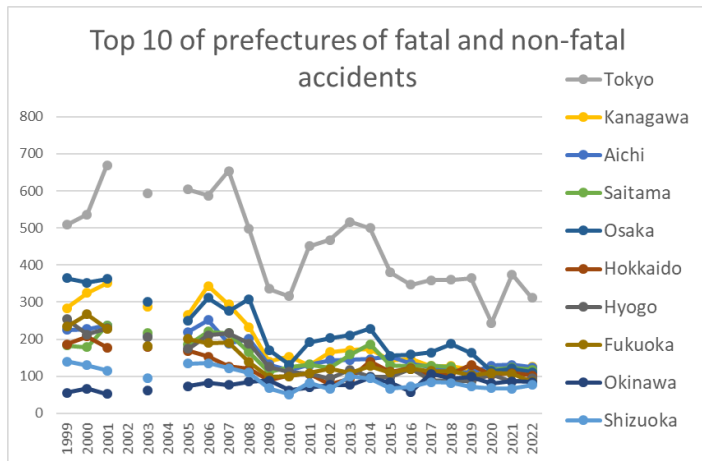
Transition of workers' age groups of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house construction work in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house construction work in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house construction work in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house construction work in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house 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	1,743	1,843	1,736	1,729	1,520	1,574	1,522	1,575	1,490	1,282	895	789	922	1,032	1,018	1,095	948	895	902	881	866	707	730	715	28,409	fall from height
falling to same level	383	356	378	376	336	362	359	411	402	360	215	230	282	260	294	333	247	240	238	284	238	240	259	276	7,359	falling to same level
caught in/between	406	431	472	455	382	376	384	394	361	303	240	209	266	274	292	310	256	250	251	272	268	244	226	263	7,585	caught in/between
struck by flying or falling object	541	550	574	504	496	503	458	463	416	387	264	256	294	301	356	284	274	234	254	238	232	202	178	204	8,463	struck by flying or falling object
cut	410	412	370	422	362	355	334	295	265	229	180	177	217	195	207	201	182	192	168	151	153	143	153	159	5,932	cut
reaction to motion/improper motion	168	157	171	164	146	127	149	134	171	150	109	86	121	110	116	132	105	107	124	116	118	102	106	125	3,114	reaction to motion/improper motion
crashed by	173	184	205	205	181	163	178	174	161	149	93	89	109	120	115	108	119	116	99	111	111	91	96	121	3,271	crashed by
crash	237	224	199	201	171	190	187	210	215	144	109	105	123	116	155	146	118	112	116	110	118	96	94	90	3,586	crash
collapse	157	170	187	208	145	167	130	165	152	127	94	88	117	107	110	117	93	106	86	79	88	83	69	78	2,923	collapse

traffic accident (public road)	133	150	110	150	119	110	119	149	96	101	77	61	103	97	96	146	82	103	91	91	80	73	59	61	2,457	traffic accident (public road)
contact to high/low-temperature	31	27	49	35	43	60	41	38	39	44	19	45	46	39	44	59	49	36	50	55	31	52	23	35	990	contact to high/low-temperature
others	15	13	18	12	14	17	13	12	20	21	4	7	14	16	9	8	14	6	12	16	8	48	256	18	591	others
contact to harmful substance	3	16	11	11	22	11	12	29	16	9	6	7	6	11	11	11	13	13	13	15	8	8	16	10	288	contact to harmful substance
injury to the sole of the foot	30	29	45	27	30	32	37	39	27	17	9	12	23	23	20	27	13	14	19	22	18	13	16	8	550	injury to the sole of the foot
electric shock	7	12	8	14	10	11	7	9	8	7	3	10	5	10	1	9	7	3	2	3	6	3	3	5	163	electric shock
unclassifiable	6	11	5	6	3	3	5	5	6	3	1			4	4	3	1	3	1	2	2	2	3	1	80	unclassifiable
explosion	6	3	9	1		5		1	5	1		5				1	2				1	1	1	1	43	explosion
burst	2	1		1	3	2	1	1	1	1	1	1	1	2	2	3	1		1		1	1		1	28	burst
traffic accident (others)	3	1	1	1	1		1	1	4	1	1					1					1			1	18	traffic accident (others)
fire	7	2	8	9	5	1		1	3	2	1	2		3	4	2	2	1		17	3	1			74	fire
drown	1	1			1						1		5												9	drown
total	4,462	4,593	4,556	4,531	3,990	4,069	3,937	4,106	3,858	3,338	2,322	2,179	2,654	2,720	2,854	2,996	2,526	2,431	2,427	2,463	2,351	2,110	2,288	2,172	75,933	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 030201 steel frame/reinforced concrete house 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
temporary buildings, establishments	1,723	1,803	1,770	1,708	1,465	1,622	1,499	1,599	1,535	1,287	867	809	953	956	1,046	1,074	951	902	867	923	864	709	724	738	28,394	temporary buildings, establishments











timbering			75		53		52	95	83	48	32	40	47	40	46	41	35	40	18	29	23	17	30	28	872	timbering
grinding machine, buffing machine			46		63		48	38	40	41	35	30	41	34	36	35	36	32	29	33	29	23	27	27	723	grinding machine, buffing machine
crane			44		38		32	42	40	30	18	15	30	29	24	24	17	20	28	21	20	24	20	25	541	crane
other equipment, facilities			31		32		21	22	29	39	19	18	16	28	25	25	25	18	19	29	26	22	22	21	487	other equipment, facilities
slinging tool			42		34		52	43	40	38	20	22	23	28	26	20	20	27	27	36	19	20	20	20	577	slinging tool
natural ground, rock			37		22		31	46	29	34	17	19	24	18	22	25	26	18	15	21	19	16	27	20	486	natural ground, rock
other environments			26		10		19	21	15	14	8	8	18	16	23	24	22	12	15	12	13	16	17	20	329	other environments
demolition machine			17		16		19	18	12	20	16	8	20	12	19	33	22	18	26	11	19	8	12	17	343	demolition machine
other construction machines			40		34		41	38	35	29	18	28	32	30	31	27	19	23	15	21	19	19	19	16	534	other construction machines
stone, sand, substance			45		40		36	31	26	27	16	15	22	19	13	21	16	20	13	17	16	11	20	15	439	stone, sand, substance
other causal agent			20		19		17	18	20	17	7	12	9	13	10	5	15	10	23	15	13	45	255	12	555	other causal agent
foundation work machine			32		20		27	29	15	16	15	18	18	22	10	11	15	18	17	14	18	16	10	12	353	foundation work machine
vehicle for high lift work			13		13		32	25	26	24	13	12	12	12	14	21	18	15	18	17	22	11	13	11	342	vehicle for high lift work
leveling, transporting or loading machine			9		22		14	20	9	6	18	18	6	15	10	12	10	8	13	9	11	9	12	11	242	leveling, transporting or loading machine
other woodworking machines			33		28		30	24	14	22	14	21	20	17	19	11	17	14	14	10	13	11	15	10	357	other woodworking machines
machine/equipment as load			16		18		15	13	12	10	4	7	8	7	11	7	6	9	8	4	3	6	5	9	178	machine/equipment as load



gas welding equipment			8		5		6	2	8	3	2	1	4	3	4	3	4	3	3	18	4	1		1	83	gas welding equipment
unclassifiable			10		3		5	6	8	9	1	4		3	3	5	2	1	1	1	2		3	1	68	unclassifiable
human power machine			5		1		8	5	5	1	1	2	2	2	4		2	2	1	2		2	1	1	47	human power machine
other electrical equipment			2		3		6	1	2	2	3	2	1		2	2	2	1		1	1	2	1	1	35	other electrical equipment
electric power facilities			4		1		3	3	3		2	3	1	2		1	3	1	2		1	1	1	1	33	electric power facilities
shearing machine			4		1		6	1	3	1		2	1		1		1	2	3	1	1	1	1	1	31	shearing machine
other pressure vessels			2		2		1		2	4	2		2	3	2			2	1			2	1	1	27	other pressure vessels
power transmission mechanism			2				2	3	1	1	1		1		1	3	1	1	2	1	2	2	1	25	power transmission mechanism	
abnormal environment					5		1	1		1		2	3	4			2		1	1	1			1	23	abnormal environment
other vehicles			2		1		1	4	3	2	2	1	1					2		1			1	21	other vehicles	
gondola			3		1		1	1	1	1	1	1	2	1	2				3				1	1	20	gondola
power press					1		4			1				1	1		1		1		3	3	1	1	18	power press
other welding equipment			2						2	1	1			1	1				1	1			1	1	12	other welding equipment
chamfering machine, router, woodworking milling machine							2					1	1										1	1	6	chamfering machine, router, woodworking milling machine
forging pressure hammer										1												1		1	3	forging pressure hammer

inflammable substance			8	7			4	6	4	2	4			2	1	3	4	4		1	1	1		52	inflammable substance
lathe			1			2	3			4			3		3		2		1	1	1	1		22	lathe
water				1		2		1	1	2	7			2	1				1	2				20	water
hollow chisel mortiser, wood borer			3	3		2	1	1	1				1		3				2					17	hollow chisel mortiser, wood borer
engine			1	3				1	1		1			1	1			3			1	3		16	engine
band sawing machine			2	2			1	1	1	1		1	1		4	1	1							16	band sawing machine
rough terrain hauler			3				1			1		1	1		1				2		1			11	rough terrain hauler
chemical facilities						1	1	3		1			2		1	1			1					11	chemical facilities
railway equipment								1				5		1						1				8	railway equipment
kiln, caldron				1		1			1		1				1				1		1			7	kiln, caldron
loader				1					1		1			1	1					1				6	loader
explosive substance			1				3															1		5	explosive substance
roll machine (except printingroll machine)			2						1													1		4	roll machine (except printingroll machine)
railway vehicle						1	1			1		1												4	railway vehicle
centrifugal machine				1															2					3	centrifugal machine
pressure vessel												1	1			1								3	pressure vessel
food manufacturing machine				1							1													2	food manufacturing machine
felling machine															1	1								2	felling machine
derrick crane										1														1	derrick crane











Kochi	46	51	32		22		30	24	26	26	25	19	14	19	14	16	9	19	25	18	14	14	13	15	491	Kochi
Yamanashi	19	26	15		16		18	14	11	8	6	9	11	6	5	8	11	11	6	10	14	15	17	13	269	Yamanashi
Akita	24	26	22		29		19	23	33	27	15	18	23	17	21	24	24	22	21	21	26	16	18	12	481	Akita
Fukui	15	26	32		16		35	28	13	17	11	18	18	14	13	14	20	10	12	15	12	12	8	12	371	Fukui
Toyama	72	39	32		28		26	25	30	22	23	15	24	34	20	26	22	19	12	15	18	17	26	11	556	Toyama
Tottori	23	21	17		20		13	6	12	10	7	5	5	12	11	13	8	10	16	10	7	4	8	10	248	Tottori
Yamagata	41	42	40		30		26	39	20	18	6	24	16	20	25	18	13	22	19	28	11	19	19	9	505	Yamagata
Kagawa	40	46	49		41		51	43	35	25	29	18	15	27	24	15	17	24	23	22	20	8	13	7	592	Kagawa
Shimane	23	21	21		13		24	15	13	17	7	10	12	6	7	6	5	10	5	6	8	5	7	3	244	Shimane
total	4,462	4,593	4,556	4,531	3,990	4,069	3,937	4,106	3,858	3,338	2,322	2,179	2,654	2,720	2,854	2,996	2,526	2,431	2,427	2,463	2,351	2,110	2,288	2,172	75,933	total

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