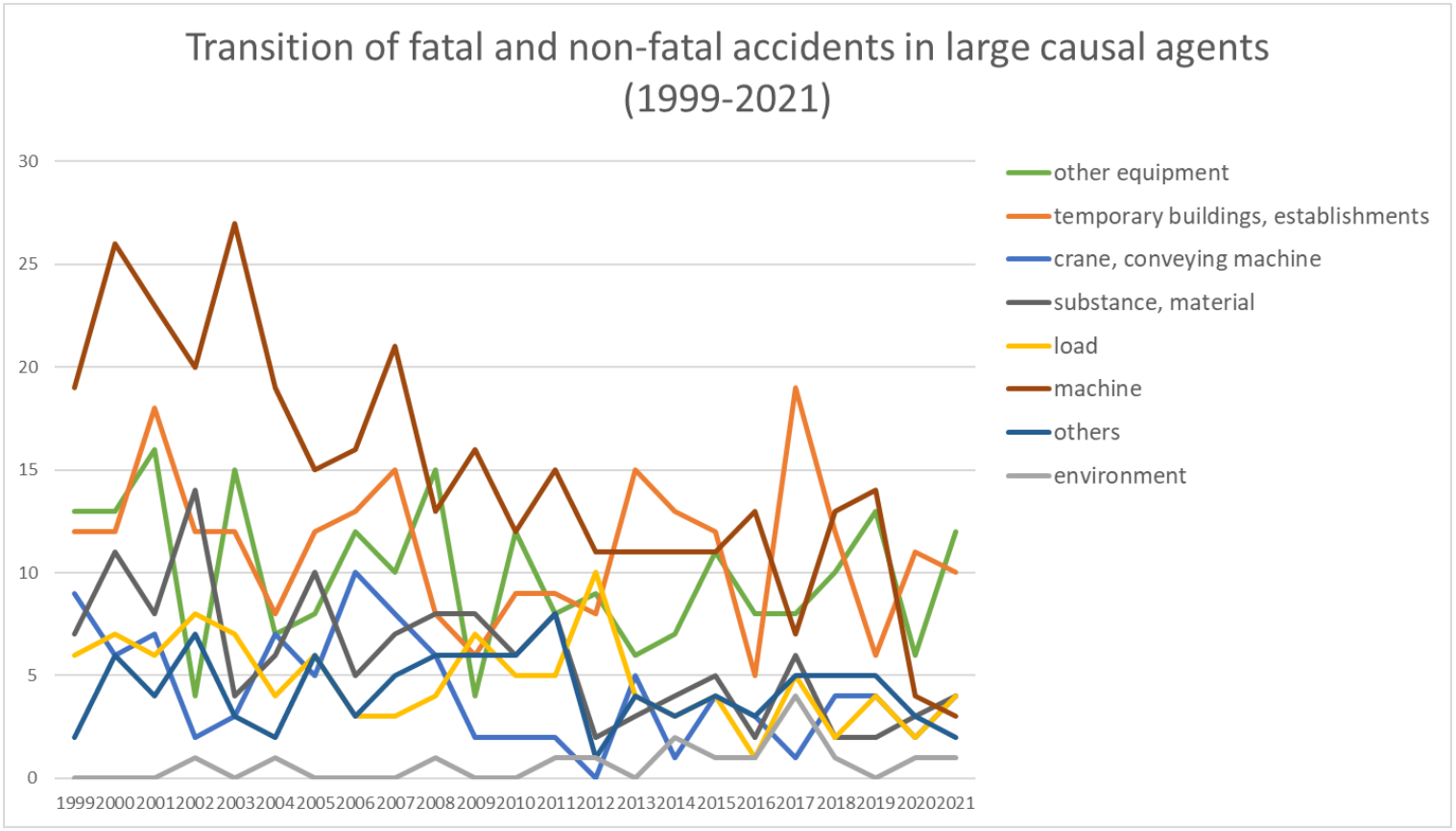
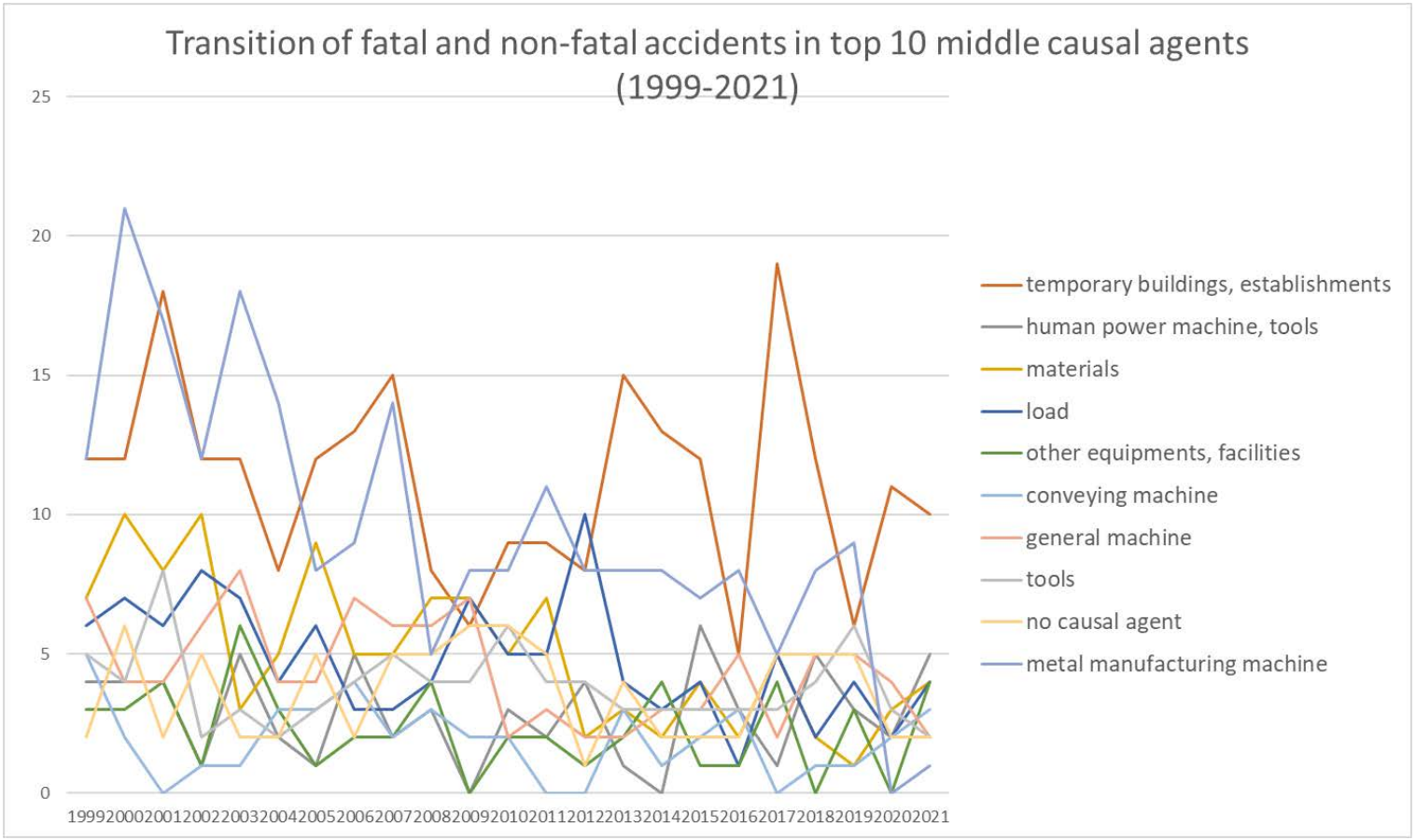
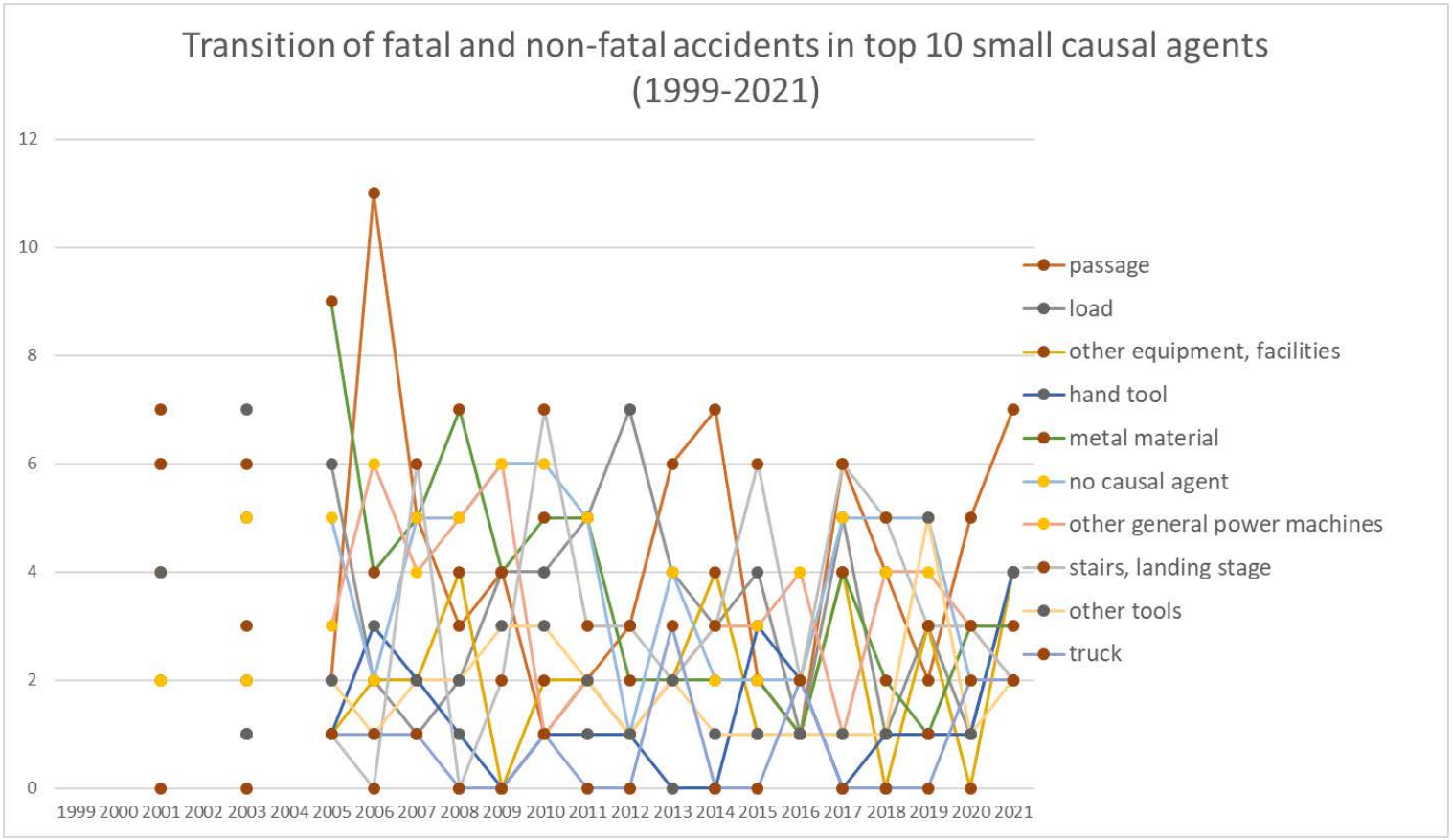
Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 011302 measuring instruments (1999-2021)



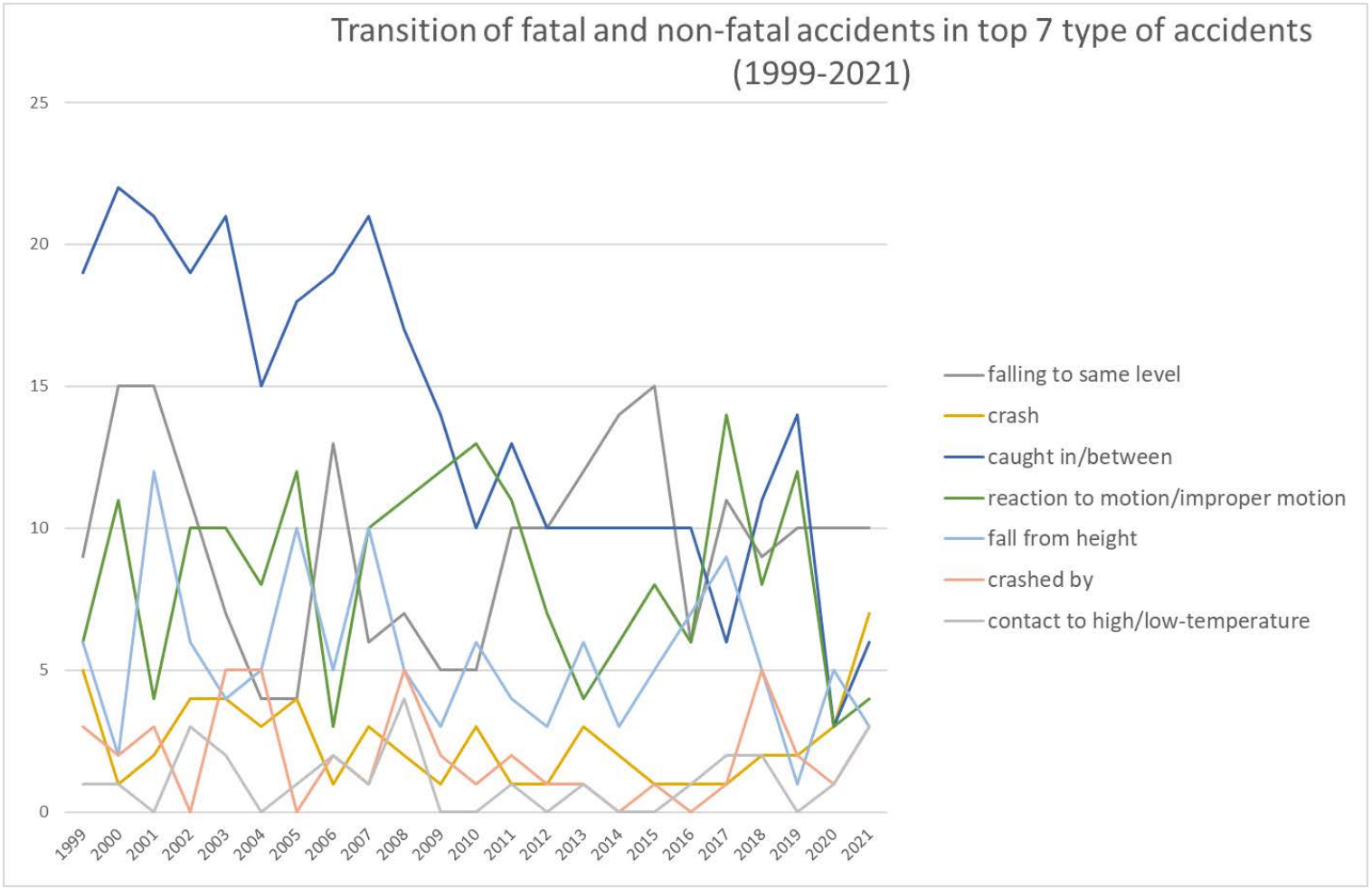
Transition of fatal and non-fatal accidents in large causal agents in code no. 011302 measuring instruments (1999-2021)



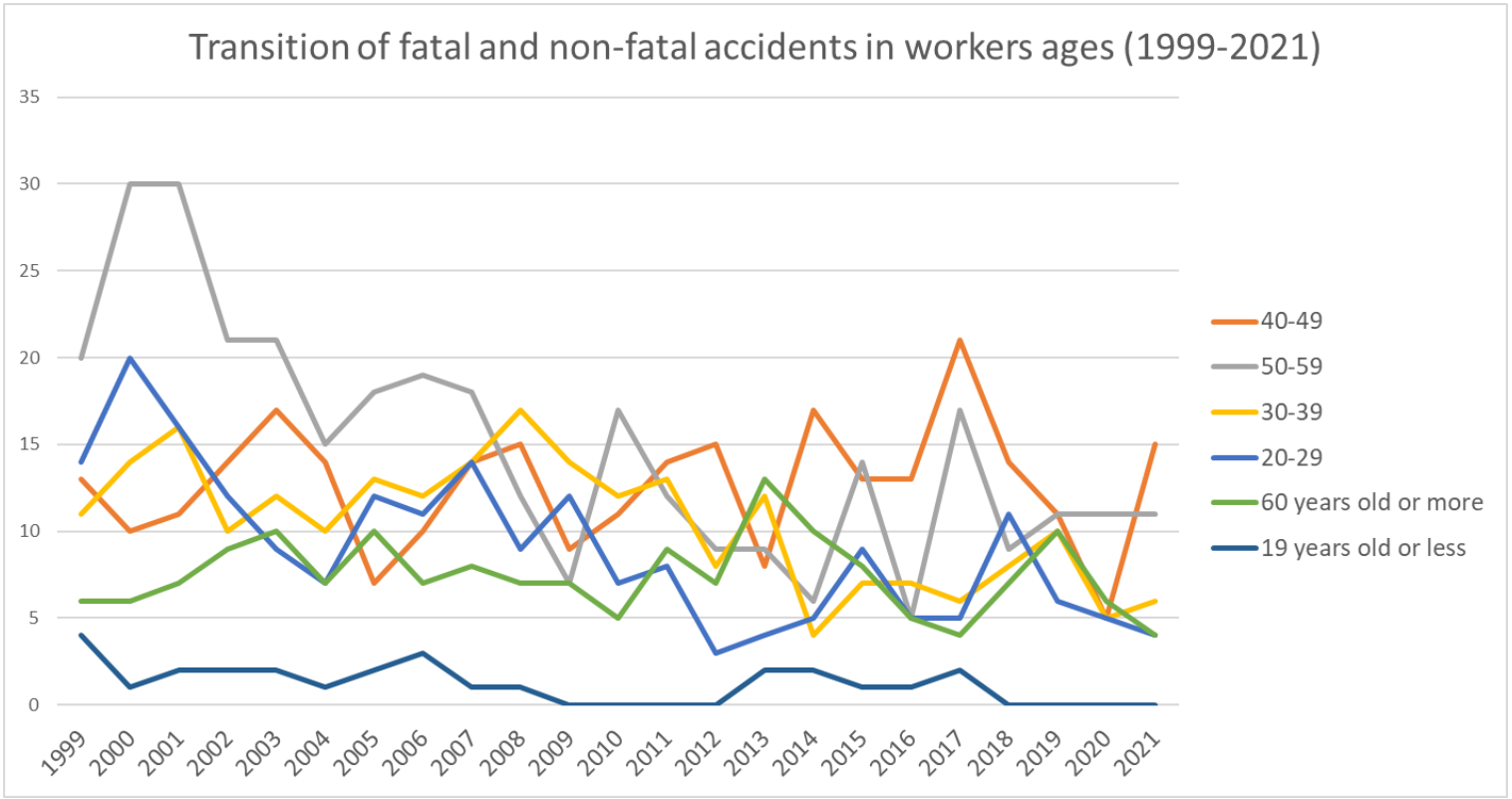
Transition of fatal and non-fatal accidents in middle causal agents in code no. 011302 measuring instruments (1999-2021)



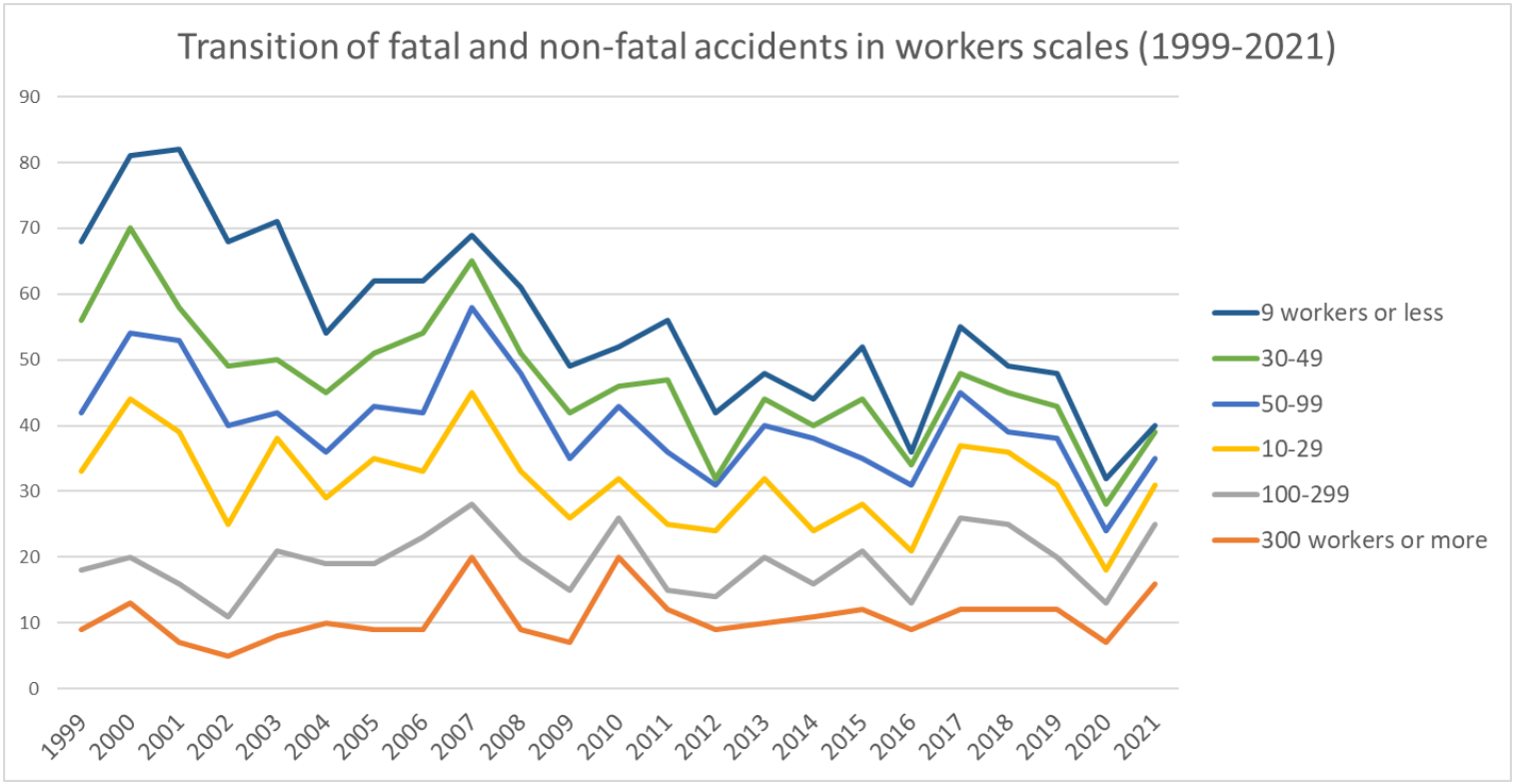
Transition of fatal and non-fatal accidents in small causal agents in code no. 011302 measuring instruments (1999-2021)



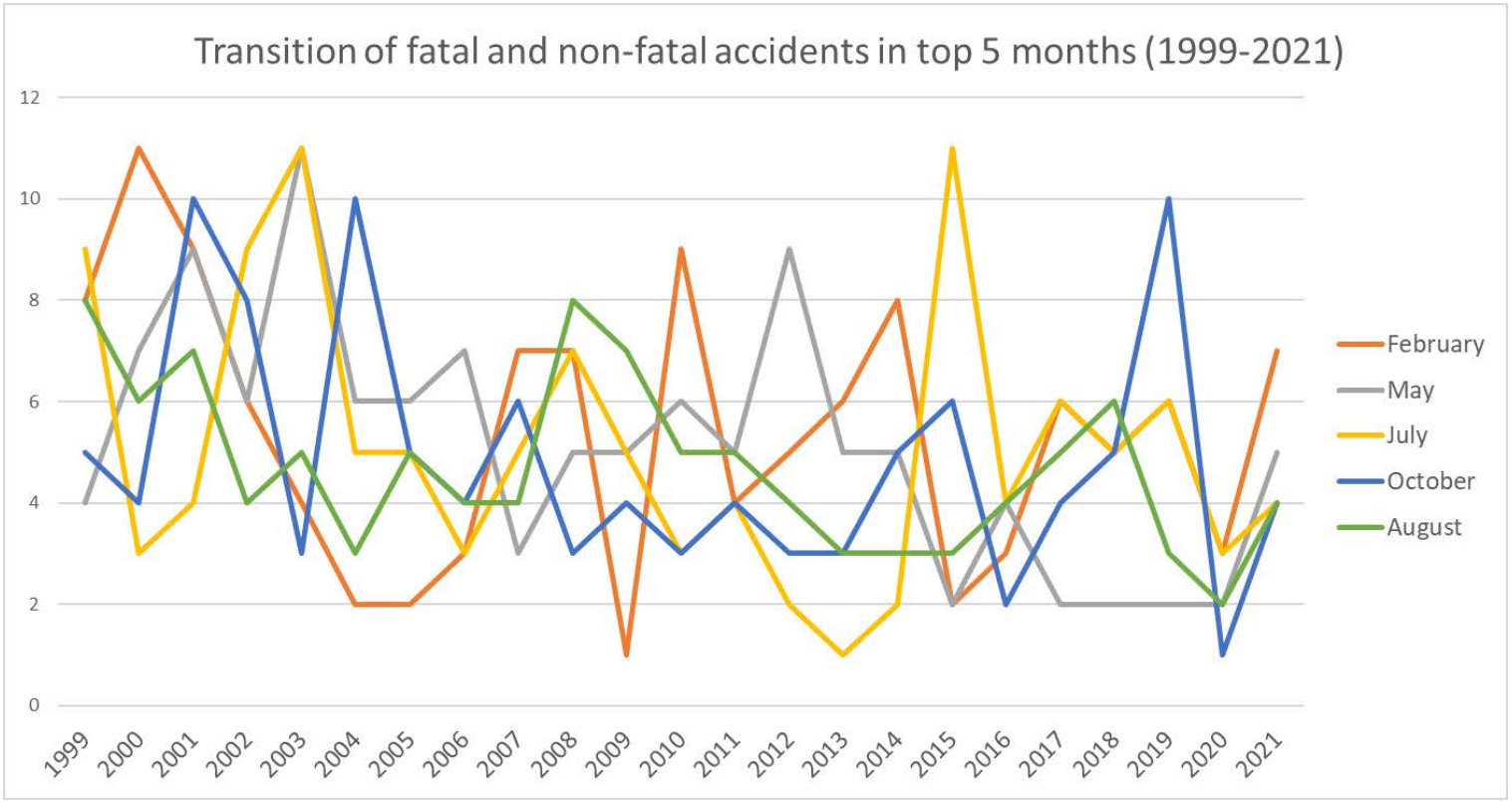
Transition of fatal and non-fatal accidents in type of accidents in code no. 011302 measuring instruments (1999-2021)



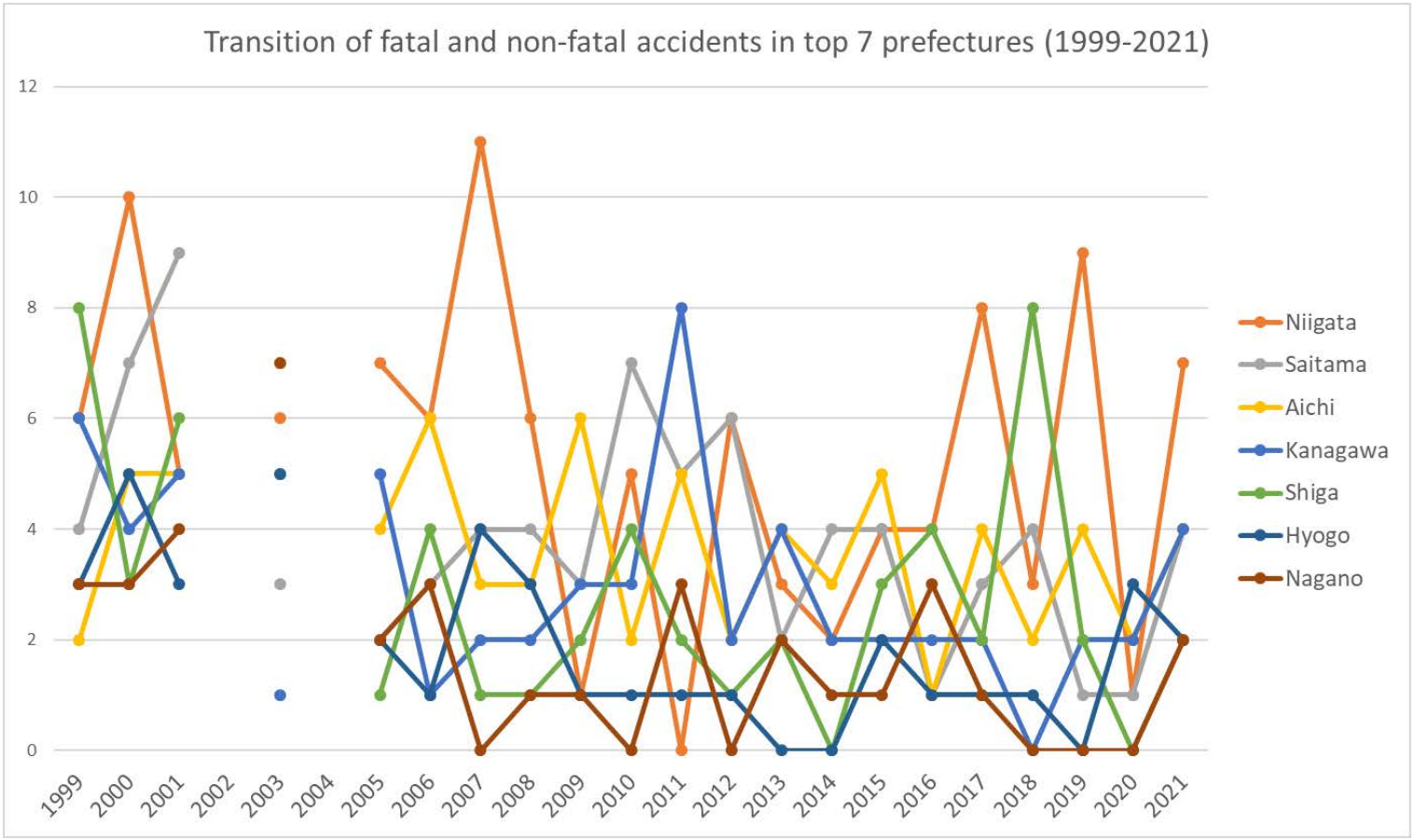
Transition of fatal and non-fatal accidents in workers ages in code no. 011302 measuring instruments (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 011302 measuring instruments (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 011302 measuring instruments (1999-2021)



Transition of fatal and non-fatal accidents in prefectures in code no. 011302 measuring instruments (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 011302 measuring instruments (1999-2021)

code	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	total	Causal (L) agents
3	other equipment	13	13	16	4	15	7	8	12	10	15	4	12	8	9	6	7	11	8	8	10	13	6	12	227	other equipment
4	temporary buildings, establishments	12	12	18	12	12	8	12	13	15	8	6	9	9	8	15	13	12	5	19	12	6	11	10	257	temporary buildings, establishments

2	crane, conveying machine	9	6	7	2	3	7	5	10	8	6	2	2	2		5	1	4	3	1	4	4	2	4	97	crane, conveying machine
5	substance, material	7	11	8	14	4	6	10	5	7	8	8	6	8	2	3	4	5	2	6	2	2	3	4	135	substance, material
6	load	6	7	6	8	7	4	6	3	3	4	7	5	5	10	4	3	4	1	5	2	4	2	4	110	load
1	machine	19	26	23	20	27	19	15	16	21	13	16	12	15	11	11	11	11	13	7	13	14	4	3	340	machine
9	others	2	6	4	7	3	2	6	3	5	6	6	6	8	1	4	3	4	3	5	5	5	3	2	99	others
7	environment				1		1				1			1	1		2	1	1	4	1		1	1	16	environment
	total	68	81	82	68	71	54	62	62	69	61	49	52	56	42	48	44	52	36	55	49	48	32	40	1,281	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 011302 measuring instruments (1999-2021)

code	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	2021	total	Causal (M) agents
41	temporary buildings, establishments	12	12	18	12	12	8	12	13	15	8	6	9	9	8	15	13	12	5	19	12	6	11	10	257	temporary buildings, establishments
36	human power machine, tools	4	4	4	1	5	2	1	5	2	3		3	2	4	1		6	3	1	5	3	2	5	66	human power machine, tools
52	materials	7	10	8	10	3	5	9	5	5	7	7	5	7	2	3	2	4	2	5	2	1	3	4	116	materials
61	load	6	7	6	8	7	4	6	3	3	4	7	5	5	10	4	3	4	1	5	2	4	2	4	110	load
39	other equipments, facilities	3	3	4	1	6	3	1	2	2	4		2	2	1	2	4	1	1	4		3		4	53	other equipments, facilities
22	conveying machine	5	2		1	1	3	3	4	2	3	2	2			3	1	2	3		1	1	2	3	44	conveying

																										machine
16	general machine	7	4	4	6	8	4	4	7	6	6	7	2	3	2	2	3	3	5	2	5	5	4	2	101	general machine
37	tools	5	4	8	2	3	2	3	4	5	4	4	6	4	4	3	3	3	3	3	4	6	3	2	88	tools
92	no causal agent	2	6	2	5	2	2	5	2	5	5	6	6	5	1	4	2	2	2	5	5	5	2	2	83	no causal agent
15	metal manufacturing machine	12	21	17	12	18	14	8	9	14	5	8	8	11	8	8	8	7	8	5	8	9		1	219	metal manufacturing machine
23	vehicle	2	1	5	1	1		1	5	4						1		2		1	1	2		1	28	vehicle
71	natural environment				1		1				1			1	1		2	1	1	4	1		1	1	16	natural environment
31	pressure vessel							1																1	2	pressure vessel
21	crane	2	3	2		1	4	1	1	2	3			2		1					2	1			25	crane
51	hazards, harmful substances		1		4	1	1	1		2	1	1	1	1			2	1		1		1			19	hazards, harmful substances
91	other causal agent			1	1			1	1		1			3			1	1	1				1		12	other causal agent
35	electric equipment	1	1					1	1		4							1				1	1		11	electric equipment
12	power transmission mechanism		1	1				3		1				1	1	1									9	power transmission mechanism
13	woodworking machine			1		1					2	1	1					1							7	woodworking

																										machine
33	welding equipment		1			1							1						1						4	welding equipment
99	unclassifiable			1	1	1												1							4	unclassifiable
11	engine				1								1												2	engine
14	construction machine				1		1																		2	construction machine
34	kiln, caldron									1											1				2	kiln, caldron
32	chemical facilities							1																	1	chemical facilities
17	mobile silviculture machine																									mobile silviculture machine
	total	68	81	82	68	71	54	62	62	69	61	49	52	56	42	48	44	52	36	55	49	48	32	40	1,281	total

Transition of fatal and non-fatal accidents in small causal agents in code no. 011302 measuring instruments (1999-2021)

code	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	total	Causal (S) agents
417	passage			7		5		2	11	5	3	4	1	2	3	6	7	2	1	6	4	2	5	7	83	passage
611	load			4		7		6	2	1	2	4	4	5	7	4	3	4	1	5	1	3	1	4	68	load
391	other equipment, facilities			4		6		1	2	2	4		2	2	1	2	4	1	1	4		3		4	43	other equipment, facilities
364	hand tool			2		1		1	3	2	1		1	1	1			3	2		1	1	1	4	25	hand tool
521	metal material			6		2		9	4	5	7	4	5	5	2	2	2	2	1	4	2	1	3	3	69	metal material
921	no causal agent			2		2		5	2	5	5	6	6	5	1	4	2	2	2	5	5	5	2	2	68	no causal agent
	other general																									other general

169	power machines			4		5		3	6	4	5	6	1	2	1	2	3	3	4	1	4	4	3	2	63	power machines
413	stairs, landing stage			6		3		1		6		2	7	3	3	2	3	6	2	6	5	3	3	2	63	stairs, landing stage
379	other tools			4		1		2	1	2	2	3	3	2	1	2	1	1	1	1	1	5	1	2	36	other tools
221	truck							1	1	1			1			3			2				2	2	13	truck
154	power press			2		1		3	2	3		1	3	3			3	3	2	2	1	2		1	32	power press
231	cars, bus, motorcycle			5		1		1	5	4						1		2		1	1	2		1	24	cars, bus, motorcycle
416	working platform, boot board			2		2		4		1	3		1	1	1	1			1	2			2	1	22	working platform, boot board
529	other materials			2					1			3		2		1		1	1					1	12	other materials
222	forklift					1		1	1	1	2	1							1		1	1		1	11	forklift
715	high/cold temperature environment										1									1	1		1	1	5	high/cold temperature environment
311	boiler																							1	1	boiler
361	human power cranes																							1	1	human power cranes
159	other metal manufacturing machines			3		3			2	4	3	2	2	2	1	3	2	2	3	1	2	2			37	other metal manufacturing machines
371	ladder			4		1		1	3	2	2	1	3	2	2	1	2	2	1	1	2	1	2		33	ladder
151	lathe			6		4		1	2	2	2	3	2	1	4	1			2		1				31	lathe
152	drill press, milling machine			3		4		2	1	3		1	1	3	2	1	1	2	1		3	3			31	drill press, milling machine

362	human power hauling equipment			2		3			1		2		2	1	3	1		3	1	1	4	2	1		27	human power hauling equipment
153	grinding machine, buffing machine			2		4		2	1	2		1		2	1	2	2			2	1	2			24	grinding machine, buffing machine
418	building, establishment			2		2		3		1				3		4		1		4		1	1		22	building, establishment
419	other temporary buildings, establishments			1				2	2	1	1				1	2	2	3	1	1	3				20	other temporary buildings, establishments
612	machine/equipment as load			2					1	2	2	3	1		3						1	1	1		17	machine/equipment as load
211	crane			2		1		1	1	2	3			2		1									13	crane
911	other causal agent			1				1	1		1			3			1	1	1				1		11	other causal agent
121	power transmission mechanism			1				3		1				1	1	1									8	power transmission mechanism
719	other environments													1	1		2	1	1	2					8	other environments
131	circular sawing machine			1		1					2	1	1					1							7	circular sawing machine
224	conveyor							1	2			1	1				1	1							7	conveyor
163	roll machine (except printingroll machine)					1			1				1		1				1			1			6	roll machine (except printingroll machine)
372	slinging tool					1				1					1				1	1	1				6	slinging tool
156	shearing machine			1		2			1							1									5	shearing machine
166	printing machine					2				1	1	1													5	printing machine

359	other electrical equipment								1		3												1			5	other electrical equipment
519	other hazards, harmful substances									1	1							1		1		1				5	other hazards, harmful substances
514	harmful substance							1				1	1				1									4	harmful substance
164	injection molding machine							1						1							1					3	injection molding machine
999	unclassifiable			1		1												1								3	unclassifiable
167	industrial robot									1										1						2	industrial robot
212	mobile crane																				1	1				2	mobile crane
341	kiln, caldron									1											1					2	kiln, caldron
351	transmission																	1					1			2	transmission
352	electric power facilities							1			1															2	electric power facilities
363	human power machine					1			1																	2	human power machine
512	inflammable substance									1							1									2	inflammable substance
513	inflammable gas					1								1												2	inflammable gas
522	lumber, bamboo					1												1								2	lumber, bamboo
111	engine												1													1	engine
162	mixer, grinder																						1			1	mixer, grinder
214	elevator, lift																				1					1	elevator, lift
223	railway equipment										1															1	railway equipment

229	other powered conveying machines																	1							1	other powered conveying machines
312	pressure vessel							1																	1	pressure vessel
321	chemical facilities							1																	1	chemical facilities
331	gas welding equipment																		1						1	gas welding equipment
332	arc welding equipment												1												1	arc welding equipment
339	other welding equipment					1																			1	other welding equipment
411	scaffolding																1								1	scaffolding
414	opening									1															1	opening
415	roof, beam, haze, crossbeam, principal rafter										1														1	roof, beam, haze, crossbeam, principal rafter
523	stone, sand, substance																			1					1	stone, sand, substance
711	natural ground, rock																			1					1	natural ground, rock
132	band sawing machine																									band sawing machine
133	wood planer machine																									wood planer machine
134	hollow chisel mortiser, wood																									hollow chisel mortiser, wood

	borer																									borer
135	chamfering machine, router, woodworking milling machine																									chamfering machine, router, woodworking milling machine
136	chain saw																									chain saw
139	other woodworking machines																									other woodworking machines
141	leveling, transporting or loading machine																									leveling, transporting or loading machine
142	excavating machine																									excavating machine
143	foundation work machine																									foundation work machine
144	hardening machine																									hardening machine
145	demolition machine																									demolition machine
146	vehicle for high lift work																									vehicle for high lift work
149	other construction machines																									other construction machines
155	forging pressure hammer																									forging pressure hammer
161	centrifugal machine																									centrifugal machine
165	food manufacturing machine																									food manufacturing machine

171	felling machine																									felling machine
172	mobile logging machine																									mobile logging machine
173	skyline yarding machine																									skyline yarding machine
179	other mobile silviculture machine																									other mobile silviculture machine
213	derrick crane																									derrick crane
215	cargo lifting appliance																									cargo lifting appliance
216	gondola																									gondola
217	lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway
218	simple skyline yarding equipment																									simple skyline yarding equipment
219	other powered crane																									other powered crane
225	loader																									loader
226	straddle carrier																									straddle carrier
227	rough terrain hauler																									rough terrain hauler
232	railway vehicle																									railway vehicle
239	other vehicles																									other vehicles
319	other pressure vessels																									other pressure vessels

342	industrial dryer																									industrial dryer
349	other kiln, caldron																									other kiln, caldron
412	timbering																									timbering
511	explosive substance																									explosive substance
515	radiation																									radiation
712	standing tree																									standing tree
713	water																									water
714	abnormal environment																									abnormal environment
	total			82		71		62	62	69	61	49	52	56	42	48	44	52	36	55	49	48	32	40	1,010	total

Transition of fatal and non-fatal accidents in type of accidents in code no. 011302 measuring instruments (1999-2021)

code	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	total	Type of accidents
02	falling to same level	9	15	15	11	7	4	4	13	6	7	5	5	10	10	12	14	15	6	11	9	10	10	10	218	falling to same level
03	crash	5	1	2	4	4	3	4	1	3	2	1	3	1	1	3	2	1	1	1	2	2	3	7	57	crash
07	caught in/between	19	22	21	19	21	15	18	19	21	17	14	10	13	10	10	10	10	10	6	11	14	3	6	319	caught in/between
19	reaction to motion/improper motion	6	11	4	10	10	8	12	3	10	11	12	13	11	7	4	6	8	6	14	8	12	3	4	193	reaction to motion/improper motion
01	fall from height	6	2	12	6	4	5	10	5	10	5	3	6	4	3	6	3	5	7	9	5	1	5	3	125	fall from height
06	crashed by	3	2	3		5	5		2	1	5	2	1	2	1	1		1		1	5	2	1	3	46	crashed by
	contact to high/low-																									contact to

11	temperature	1	1		3	2		1	2	1	4			1		1			1	2	2		1	3	26	high/low-temperature
04	struck by flying or falling object	9	16	11	7	6	4	5	6	5	3	5	4	3	4	1	1	2	3	3	1	1	4	2	106	struck by flying or falling object
08	cut	4	9	8	5	9	5	4	3	6	2	4	4	4	4	6	2	6		5	3	1		1	95	cut
05	collapse	3				1	4		2	1	4	1	3	3	2		1	1	1		2		1	1	31	collapse
17	traffic accident (public road)	2	1	6	1	1		2	5	3						2				1	1	2			27	traffic accident (public road)
90	others				1			1	1		1	1	1	3		1	1	2	1	1		1	1		17	others
12	contact to harmful substance		1		1			1		1		1	1				2	1		1		1			11	contact to harmful substance
16	fire									1							2								3	fire
13	electric shock												1									1			2	electric shock
14	explosion					1								1											2	explosion
09	injury to the sole of the foot						1																		1	injury to the sole of the foot
15	burst															1									1	burst
18	traffic accident (others)	1																							1	traffic accident (others)
10	drown																									drown
99	unclassifiable																									unclassifiable
	total	68	81	82	68	71	54	62	62	69	61	49	52	56	42	48	44	52	36	55	49	48	32	40	1,281	total

Transition of fatal and non-fatal accidents in workers ages in code no. 011302 measuring instruments (1999-2021)

code	Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
4	40-49	13	10	11	14	17	14	7	10	14	15	9	11	14	15	8	17	13	13	21	14	11	5	15	291	40-49
5	50-59	20	30	30	21	21	15	18	19	18	12	7	17	12	9	9	6	14	5	17	9	11	11	11	342	50-59
3	30-39	11	14	16	10	12	10	13	12	14	17	14	12	13	8	12	4	7	7	6	8	10	5	6	241	30-39
2	20-29	14	20	16	12	9	7	12	11	14	9	12	7	8	3	4	5	9	5	5	11	6	5	4	208	20-29
6	60 years old or more	6	6	7	9	10	7	10	7	8	7	7	5	9	7	13	10	8	5	4	7	10	6	4	172	60 years old or more
1	19 years old or less	4	1	2	2	2	1	2	3	1	1					2	2	1	1	2					27	19 years old or less
	total	68	81	82	68	71	54	62	62	69	61	49	52	56	42	48	44	52	36	55	49	48	32	40	1,281	total

Transition of fatal and non-fatal accidents in workers scales in code no. 011302 measuring instruments (1999-2021)

code	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	total	Workers scale
6	300 workers or more	9	13	7	5	8	10	9	9	20	9	7	20	12	9	10	11	12	9	12	12	12	7	16	248	300 workers or more
5	100-299	9	7	9	6	13	9	10	14	8	11	8	6	3	5	10	5	9	4	14	13	8	6	9	196	100-299
2	10-29	15	24	23	14	17	10	16	10	17	13	11	6	10	10	12	8	7	8	11	11	11	5	6	275	10-29
4	50-99	9	10	14	15	4	7	8	9	13	15	9	11	11	7	8	14	7	10	8	3	7	6	4	209	50-99
3	30-49	14	16	5	9	8	9	8	12	7	3	7	3	11	1	4	2	9	3	3	6	5	4	4	153	30-49
1	9 workers or less	12	11	24	19	21	9	11	8	4	10	7	6	9	10	4	4	8	2	7	4	5	4	1	200	9 workers or less
	total	68	81	82	68	71	54	62	62	69	61	49	52	56	42	48	44	52	36	55	49	48	32	40	1,281	total

Transition of fatal and non-fatal accidents in months in code no. 011302 measuring instruments (1999-2021)

code	Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
2	February	8	11	9	6	4	2	2	3	7	7	1	9	4	5	6	8	2	3	6	5	6	3	7	124	February

5	May	4	7	9	6	11	6	6	7	3	5	5	6	5	9	5	5	2	4	2	2	2	2	5	118	May
7	July	9	3	4	9	11	5	5	3	5	7	5	3	4	2	1	2	11	4	6	5	6	3	4	117	July
10	October	5	4	10	8	3	10	5	4	6	3	4	3	4	3	3	5	6	2	4	5	10	1	4	112	October
8	August	8	6	7	4	5	3	5	4	4	8	7	5	5	4	3	3	3	4	5	6	3	2	4	108	August
4	April	5	8	9	6	6	3	8	9	9	2	3	5	7	5	4	2	8	4	5	2	3	2	3	118	April
6	June	11	10	11	7	6	4	6	3	6	4	3	6	7	1	5	5	7	2	5	3	3		3	118	June
1	January	1	8	8	3	3	6	2	5	8	5	9	2	8	3	7	3	3	3	6	5	3	5	3	109	January
9	September	4	3	2	8	6	2	4	4	4	10	2	8	8		4	3	2	4	6	4	4		3	95	September
11	November	6	6	4	5		6	10	7	5	4	1	4	3	3	3	2	1	4	4	2	1	4	2	87	November
3	March	7	10	3	3	11	4	7	6	8	3	5	1		2	3	1	5	1	3	5	2	7	1	98	March
12	December		5	6	3	5	3	2	7	4	3	4		1	5	4	5	2	1	3	5	5	3	1	77	December
	total	68	81	82	68	71	54	62	62	69	61	49	52	56	42	48	44	52	36	55	49	48	32	40	1,281	total

Transition of fatal and non-fatal accidents in prefectures in code no. 011302 measuring instruments (1999-2021)

code	Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
15	Niigata	6	10	5		6		7	6	11	6	1	5		6	3	2	4	4	8	3	9	1	7	110	Niigata
11	Saitama	4	7	9		3		2	3	4	4	3	7	5	6	2	4	4	1	3	4	1	1	4	81	Saitama
23	Aichi	2	5	5		7		4	6	3	3	6	2	5	2	4	3	5	1	4	2	4	2	4	79	Aichi
14	Kanagawa	6	4	5		1		5	1	2	2	3	3	8	2	4	2	2	2	2		2	2	4	62	Kanagawa
25	Shiga	8	3	6		5		1	4	1	1	2	4	2	1	2		3	4	2	8	2		2	61	Shiga
28	Hyogo	3	5	3		5		2	1	4	3	1	1	1	1			2	1	1	1		3	2	40	Hyogo
20	Nagano	3	3	4		7		2	3		1	1		3		2	1	1	3	1				2	37	Nagano
34	Hiroshima	2	2	5		2		4	1	1	2	3	1		2	2		2		3		1	1	2	36	Hiroshima
8	Ibaraki	1	1					2	1	1	2	1	1	1			2	4		2		4	2	2	27	Ibaraki

40	Fukuoka	1	1	2		1					2	1	1		2	1	1	2		1				2	18	Fukuoka
4	Miyagi		1			1				1	2	1							2				2	2	12	Miyagi
13	Tokyo	8	5	9		7		6	3	7	1	2	7	7	5	5	7	5	3	3	6	4	4	1	105	Tokyo
27	Osaka	3	6	2		3		5	10	4	5	5	3	7	4	5	2	6	4	2	4	5	1	1	87	Osaka
22	Shizuoka	2	4	4		4		5	10	11	2		2	6	2	2	2		1		2	2		1	62	Shizuoka
3	Iwate					1		1		1		1	2						1	2	1	2		1	13	Iwate
9	Tochigi		2	1		3		1			1			1	1		1				1			1	13	Tochigi
21	Gifu			2		2				1		1	2				1							1	10	Gifu
35	Yamaguchi		1	1					1														1	1	5	Yamaguchi
26	Kyoto	4	5	8		10		8	4	9	10	4	6	5	3	9	4	9	2	9	10	7	7		133	Kyoto
12	Chiba	3	2	1					2	2	1	2		1		1	1		3	2		1	1		23	Chiba
19	Yamanashi	2						1	1	3	2	1	1	1		2	3			1	1				19	Yamanashi
24	Mie	5	1	1		1				1		1				1				1	1				13	Mie
10	Gunma	1	3						1		2				1			1		1	1	1			12	Gunma
7	Fukushima			1				1			1			1	1	1			2	3					11	Fukushima
37	Kagawa		2	2									1		1		1				2				9	Kagawa
2	Aomori											1				1	1	1				1	3		8	Aomori
38	Ehime									1		2			1		2				1				7	Ehime
5	Akita	1		1							1					1					1		1		6	Akita
16	Toyama		1								1	1						1		1		1			6	Toyama
30	Wakayama	1		1								1					1		1			1			6	Wakayama
1	Hokkaido					1		1	1			1		1											5	Hokkaido
6	Yamagata		2						1		1				1										5	Yamagata

18	Fukui		1	4																				5	Fukui
33	Okayama					1					2	1												4	Okayama
39	Kochi		1									1	1				1							4	Kochi
17	Ishikawa		1											1						1				3	Ishikawa
36	Tokushima							1			1						1							3	Tokushima
41	Saga	1						1									1							3	Saga
42	Nagasaki										1		1						1					3	Nagasaki
44	Oita		1						1	1														3	Oita
46	Kagoshima											1	1							1				3	Kagoshima
29	Nara							2																2	Nara
45	Miyazaki								1		1													2	Miyazaki
47	Okinawa	1	1																					2	Okinawa
43	Kumamoto																			1				1	Kumamoto
31	Tottori																								Tottori
32	Shimane																								Shimane
	total	68	81	82		71		62	62	69	61	49	52	56	42	48	44	52	36	55	49	48	32	40	1,159	total

Data source : https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm

Return to https://www.jisha.or.jp/english/statistics/202211_23.html