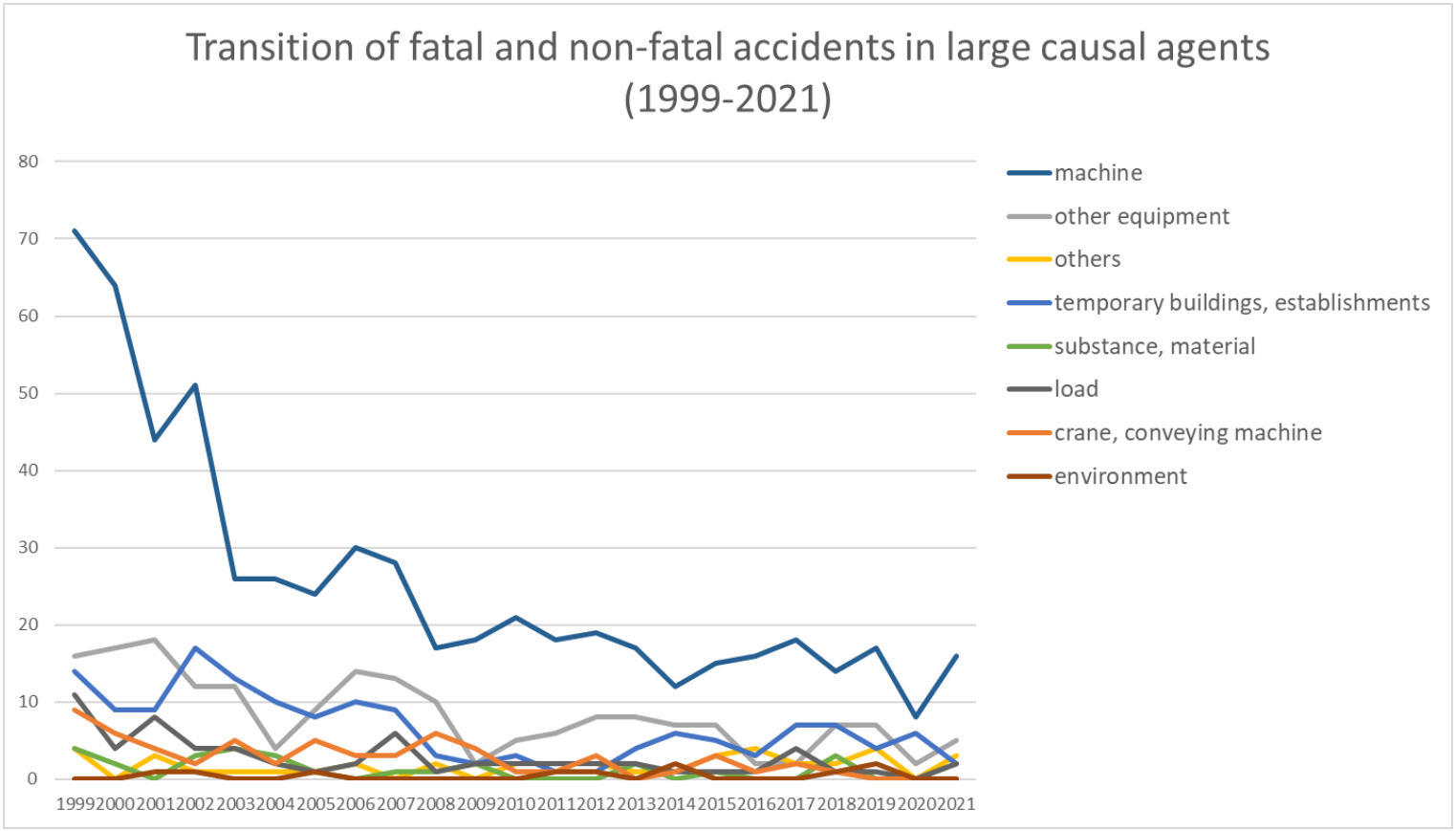
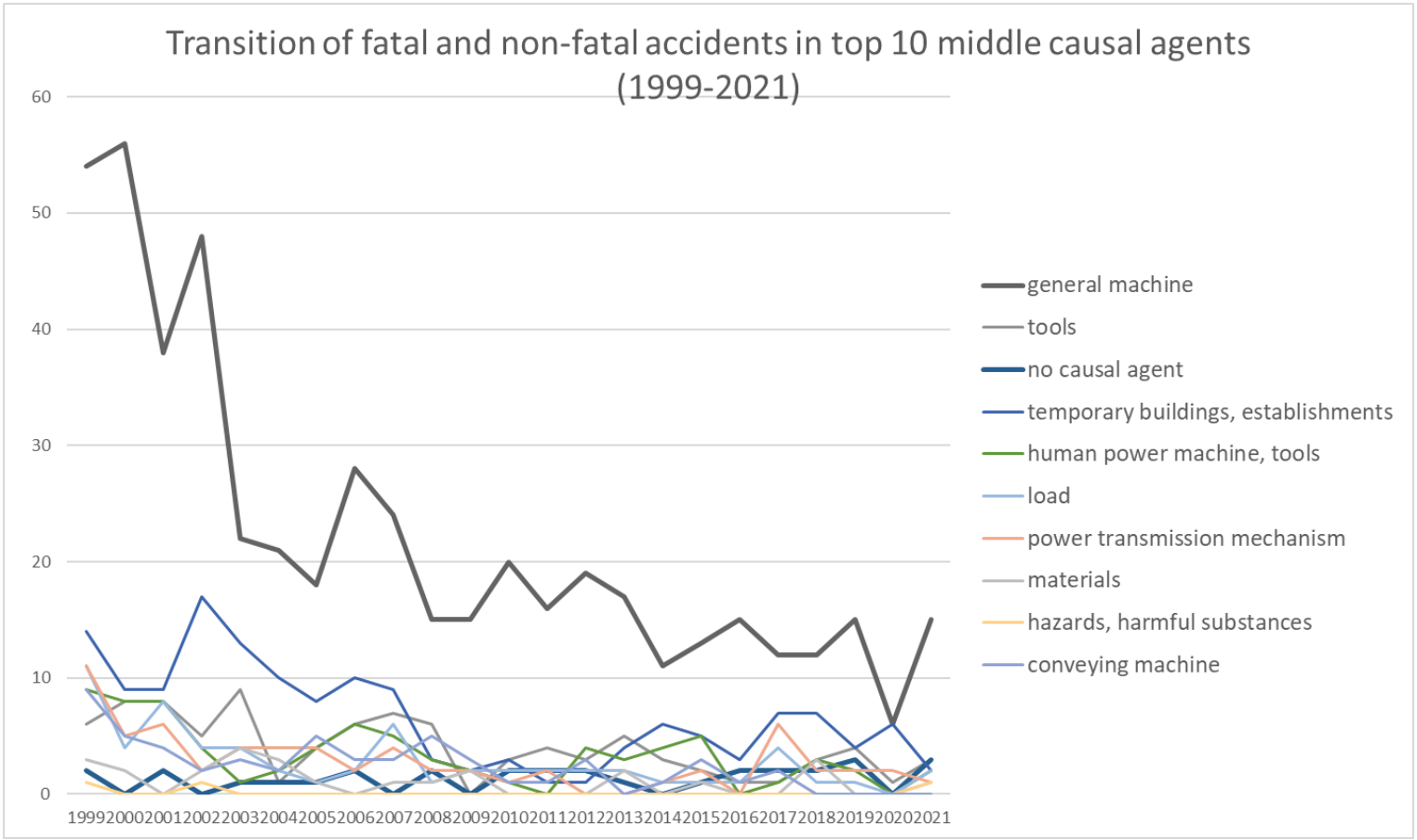
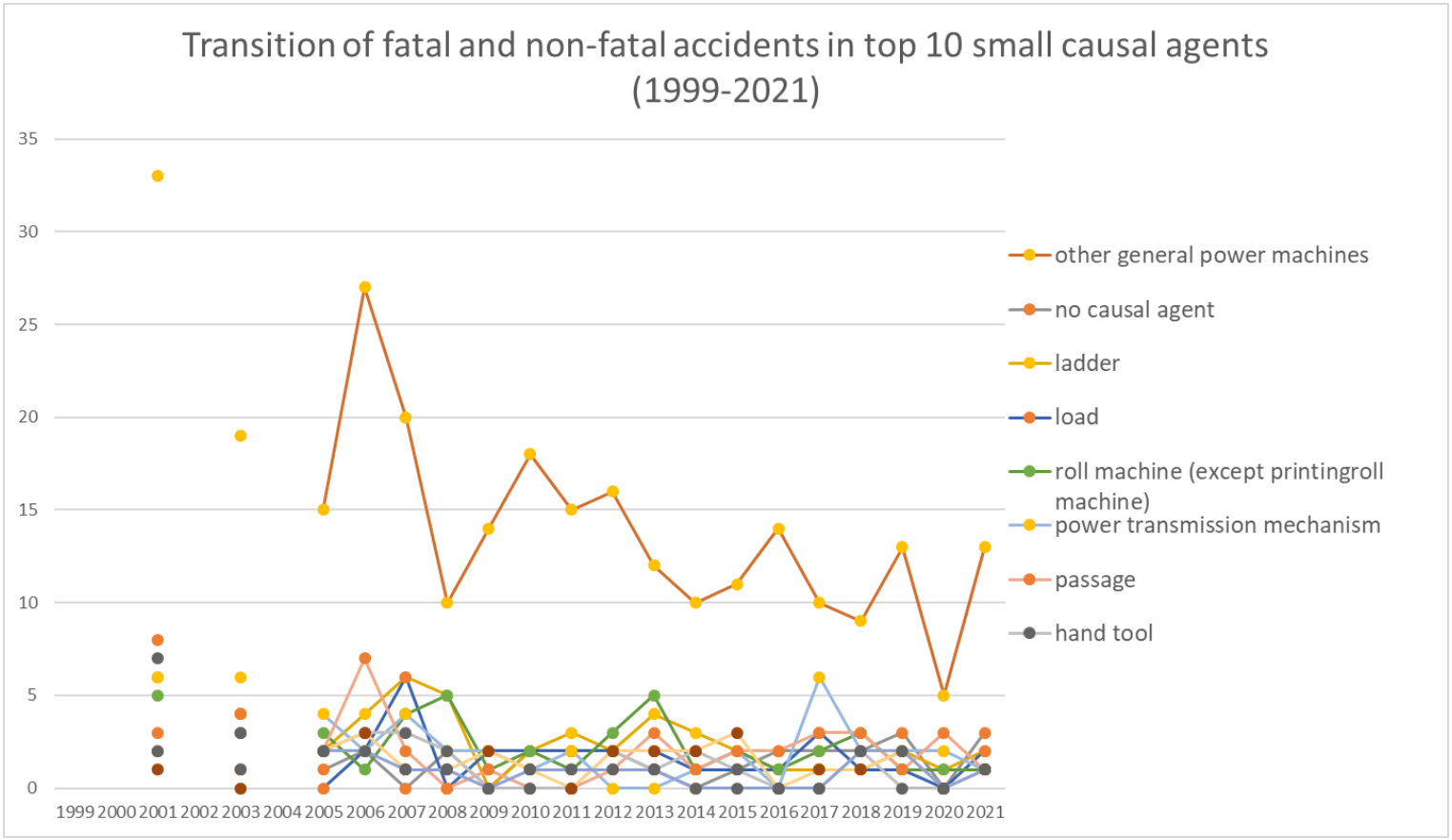
Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 010202 cotton-spinning (1999-2021)



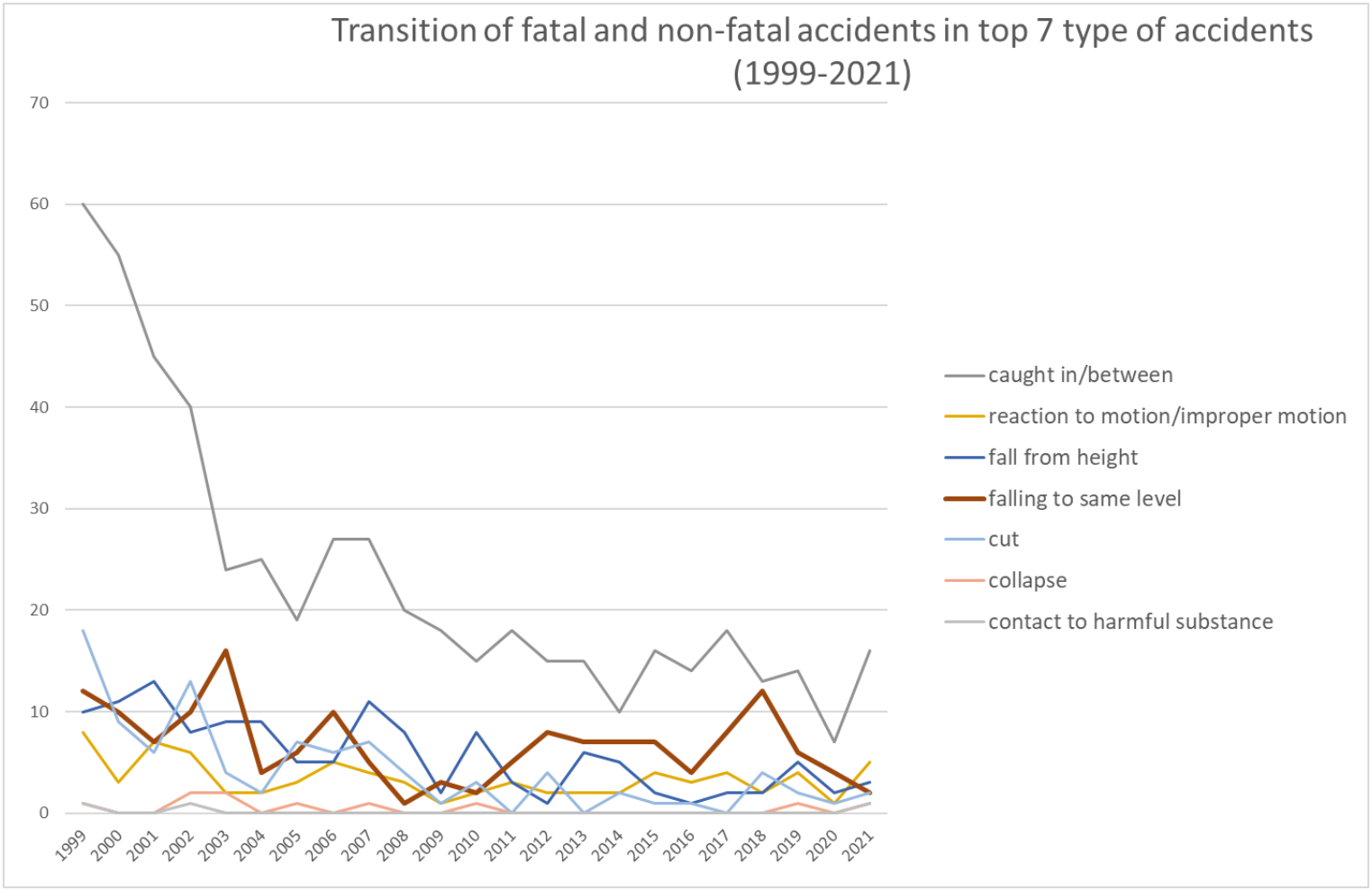
Transition of fatal and non-fatal accidents in large causal agents in code no. 010202 cotton-spinning (1999-2021)



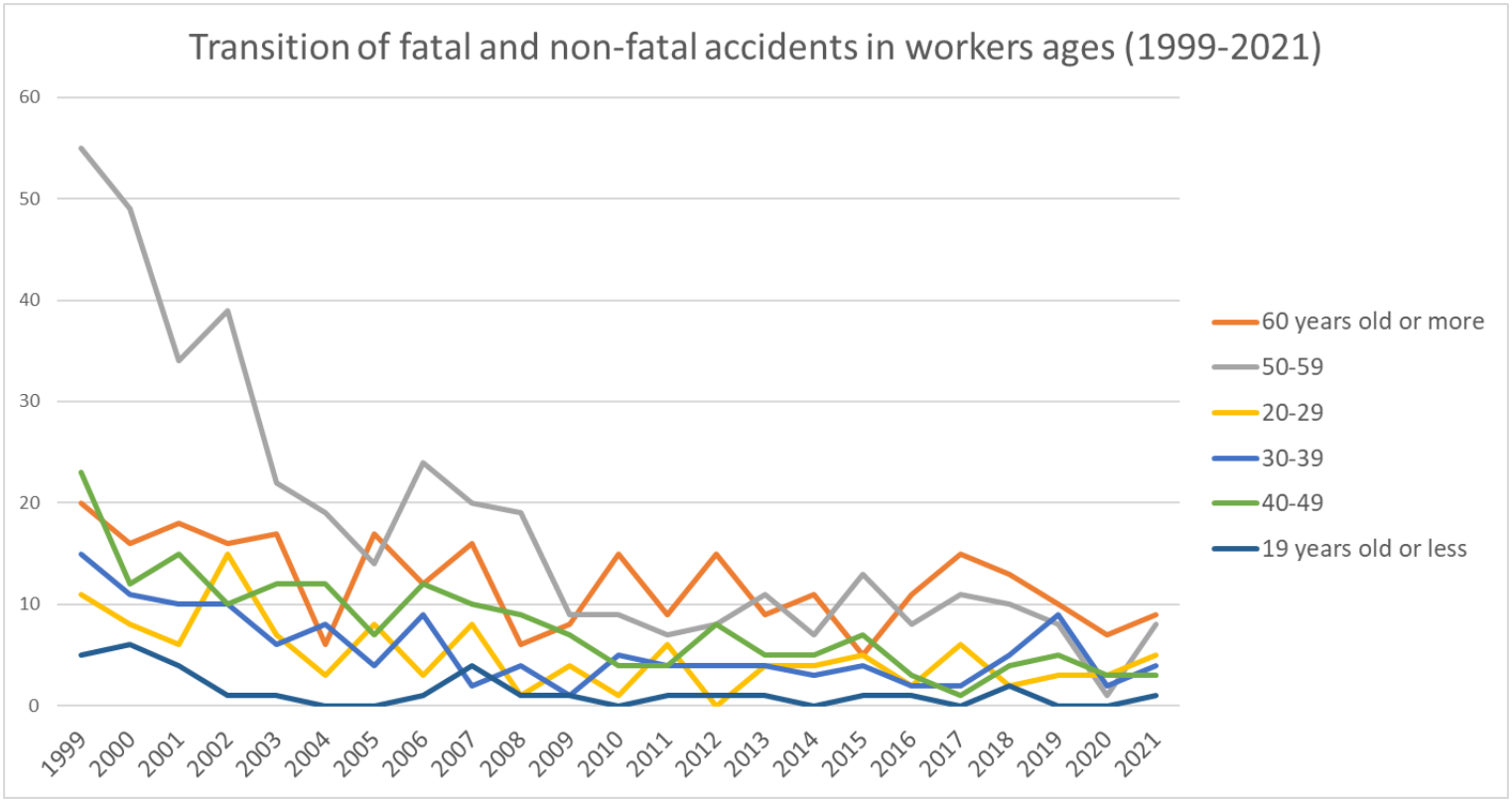
Transition of fatal and non-fatal accidents in middle causal agents in code no. 010202 cotton-spinning (1999-2021)



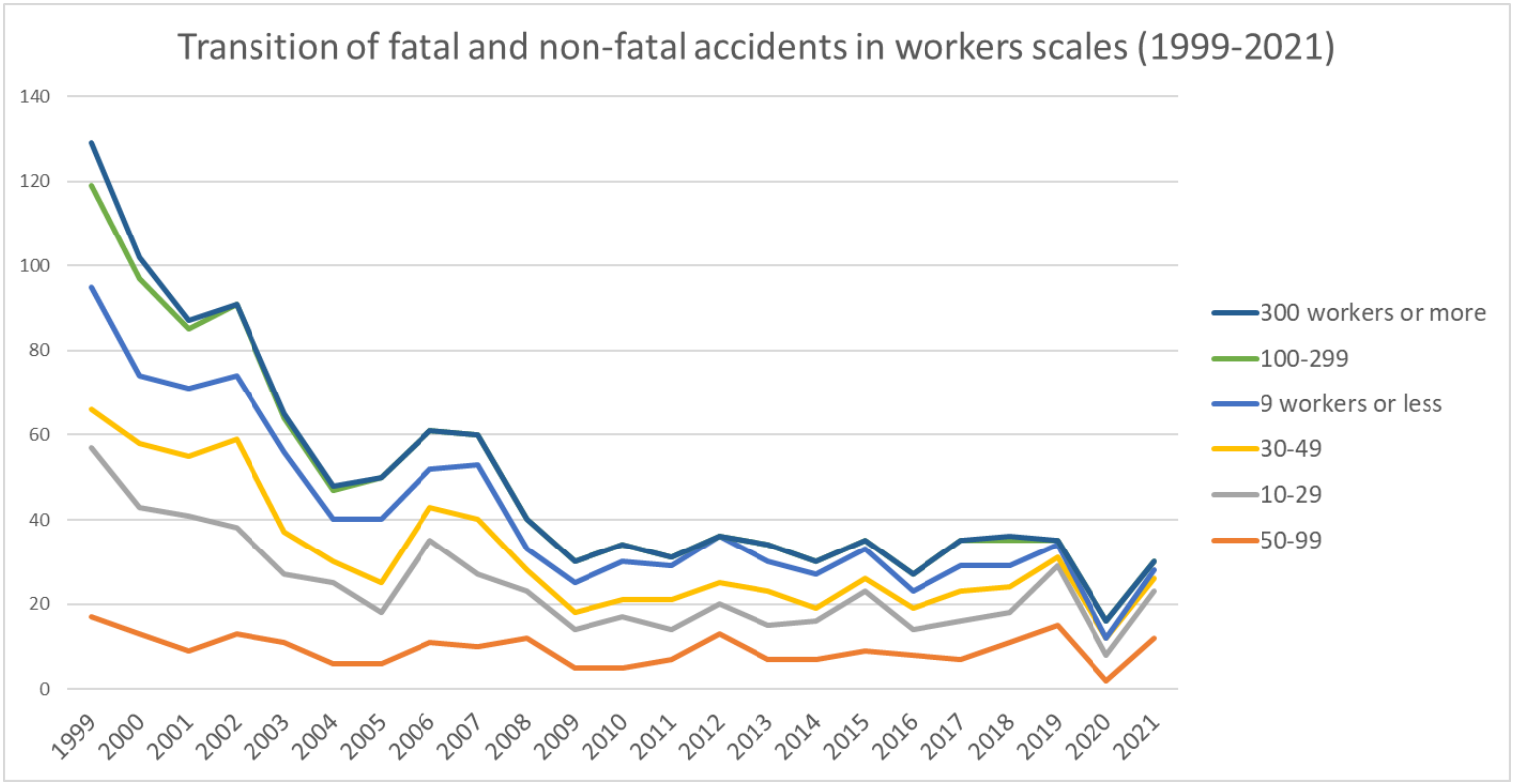
Transition of fatal and non-fatal accidents in small causal agents in code no. 010202 cotton-spinning (1999-2021)



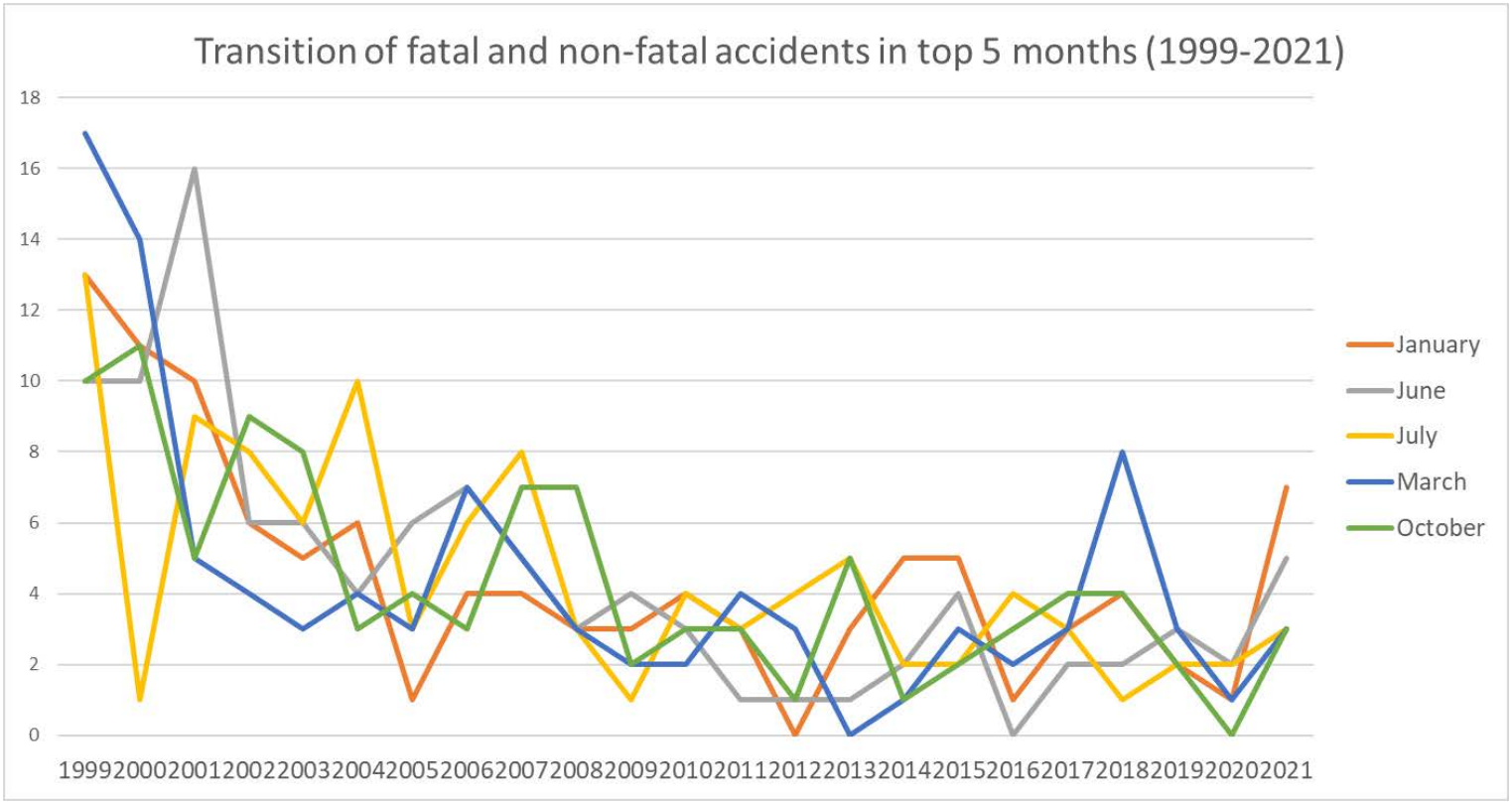
Transition of fatal and non-fatal accidents in type of accidents in code no. 010202 cotton-spinning (1999-2021)



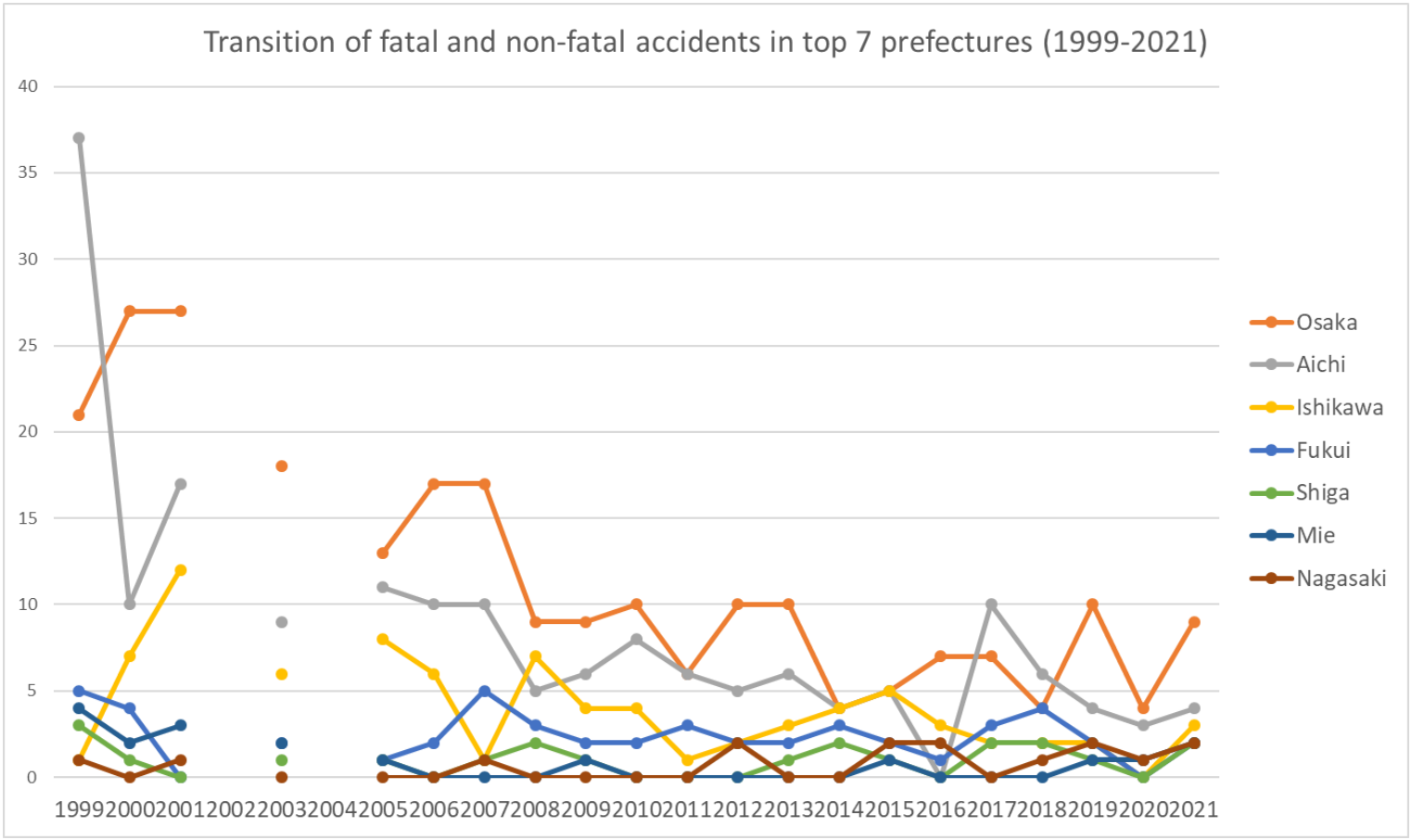
Transition of fatal and non-fatal accidents in workers ages in code no. 010202 cotton-spinning (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 010202 cotton-spinning (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 010202 cotton-spinning (1999-2021)



Transition of fatal and non-fatal accidents in prefectures in code no. 010202 cotton-spinning (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 010202 cotton-spinning (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
1	machine	71	64	44	51	26	26	24	30	28	17	18	21	18	19	17	12	15	16	18	14	17	8	16	590	machine
3	other equipment	16	17	18	12	12	4	9	14	13	10	2	5	6	8	8	7	7	2	2	7	7	2	5	193	other equipment
9	others	4		3	1	1	1	1	2		2		2	2	2	1	1	3	4	2	2	4		3	41	others
																										temporary

4	temporary buildings, establishments	14	9	9	17	13	10	8	10	9	3	2	3	1	1	4	6	5	3	7	7	4	6	2	153	buildings, establishments
5	substance, material	4	2		3	4	3	1		1	1	2				2		1			3			2	29	substance, material
6	load	11	4	8	4	4	2	1	2	6	1	2	2	2	2	2	1	1	1	4	1	1		2	64	load
2	crane, conveying machine	9	6	4	2	5	2	5	3	3	6	4	1	1	3		1	3	1	2	1				62	crane, conveying machine
7	environment			1	1			1						1	1		2				1	2			10	environment
	total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	1,142	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 010202 cotton-spinning (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
16	general machine	54	56	38	48	22	21	18	28	24	15	15	20	16	19	17	11	13	15	12	12	15	6	15	510	general machine
37	tools	6	8	8	5	9	1	4	6	7	6		3	4	3	5	3	2	1	1	3	4	1	3	93	tools
92	no causal agent	2		2		1	1	1	2		2		2	2	2	1		1	2	2	2	3		3	31	no causal agent
41	temporary buildings, establishments	14	9	9	17	13	10	8	10	9	3	2	3	1	1	4	6	5	3	7	7	4	6	2	153	temporary buildings, establishments
36	human power machine, tools	9	8	8	4	1	2	4	6	5	3	2	1		4	3	4	5		1	3	2		2	77	human power machine, tools
61	load	11	4	8	4	4	2	1	2	6	1	2	2	2	2	2	1	1	1	4	1	1		2	64	load

12	power transmission mechanism	11	5	6	2	4	4	4	2	4	2	2	1	2			1	2		6	2	2	2	1	65	power transmission mechanism
52	materials	3	2		2	4	3	1		1	1	2				2		1			3			1	26	materials
51	hazards, harmful substances	1			1																			1	3	hazards, harmful substances
22	conveying machine	9	5	4	2	3	2	5	3	3	5	3	1	1	3		1	3	1	2					56	conveying machine
39	other equipments, facilities	1	1	2	1	1			2	1	1			1	1				1			1	1		15	other equipments, facilities
15	metal manufacturing machine	5	3		1		1	2											1						13	metal manufacturing machine
71	natural environment			1	1			1						1	1		2				1	2			10	natural environment
91	other causal agent	1		1	1												1	2	2			1			9	other causal agent
21	crane					2					1										1				4	crane
31	pressure vessel				1	1								1											3	pressure vessel
35	electric equipment						1	1					1												3	electric equipment
13	woodworking machine	1										1													2	woodworking machine

23	vehicle		1									1														2	vehicle
34	kiln, caldron				1																	1				2	kiln, caldron
99	unclassifiable	1																								1	unclassifiable
11	engine																										engine
14	construction machine																										construction machine
17	mobile silviculture machine																										mobile silviculture machine
32	chemical facilities																										chemical facilities
33	welding equipment																										welding equipment
	total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	1,142	total

Transition of fatal and non-fatal accidents in small causal agents in code no. 010202 cotton-spinning (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
169	other general power machines			33		19		15	27	20	10	14	18	15	16	12	10	11	14	10	9	13	5	13	284	other general power machines
921	no causal agent			2		1		1	2		2		2	2	2	1		1	2	2	2	3		3	28	no causal agent
371	ladder			6		6		2	4	6	5		2	3	2	4	3	2	1	1	1	2	1	2	53	ladder
611	load			8		4			2	6		2	2	2	2	2	1	1	1	3	1	1		2	40	load
163	roll machine (except printingroll machine)			5		3		3	1	4	5	1	2	1	3	5	1	2	1	2	3	1	1	1	45	roll machine (except printingroll machine)

121	power transmission mechanism			6		4		4	2	4	2	2	1	2			1	2		6	2	2	2	1	43	power transmission mechanism
417	passage			3		4		2	7	2		1			1	3	1	2	2	3	3	1	3	1	39	passage
364	hand tool			7		1		2	3	3	2				2	1	2	1			2			1	27	hand tool
362	human power hauling equipment			1				2	3	1	1	2	1		2	2	2	3		1	1	2		1	25	human power hauling equipment
379	other tools			2		3		2	2	1	1		1	1	1	1					2	2		1	20	other tools
419	other temporary buildings, establishments							1		2	1								1	1	2		1	1	10	other temporary buildings, establishments
529	other materials					3		1								2					1			1	8	other materials
167	industrial robot																							1	1	industrial robot
519	other hazards, harmful substances																							1	1	other hazards, harmful substances
416	working platform, boot board			4		5		3	2	2	1	1	1	1			1	2		2	1	2	1		29	working platform, boot board
222	forklift			2		1		4	1	1	4							3		1					17	forklift
224	conveyor			2		2			2	1		2			2		1		1						13	conveyor
413	stairs, landing stage			1		1		1	1	3	1		1				1	1		1		1			13	stairs, landing stage
391	other equipment, facilities			2		1			2	1	1			1	1				1			1	1		12	other equipment, facilities
418	building, establishment			1		1		1					1				2						1		7	building, establishment
911	other causal agent			1													1	2	2			1			7	other causal agent

521	metal material					1					1	2						1			1				6	metal material
221	truck							1						1	1					1					4	truck
229	other powered conveying machines									1	1	1	1												4	other powered conveying machines
715	high/cold temperature environment			1																	1	2			4	high/cold temperature environment
719	other environments													1	1		2								4	other environments
415	roof, beam, haze, crossbeam, principal rafter					2															1				3	roof, beam, haze, crossbeam, principal rafter
612	machine/equipment as load							1			1									1					3	machine/equipment as load
214	elevator, lift					2																			2	elevator, lift
359	other electrical equipment							1					1												2	other electrical equipment
363	human power machine									1								1							2	human power machine
522	lumber, bamboo									1											1				2	lumber, bamboo
131	circular sawing machine											1													1	circular sawing machine
151	lathe							1																	1	lathe
152	drill press, milling machine							1																	1	drill press, milling machine
	grinding machine,																									grinding machine,

153	buffing machine																	1							1	buffing machine
162	mixer, grinder																					1			1	mixer, grinder
211	crane																				1				1	crane
219	other powered crane										1														1	other powered crane
231	cars, bus, motorcycle											1													1	cars, bus, motorcycle
312	pressure vessel													1											1	pressure vessel
319	other pressure vessels					1																			1	other pressure vessels
349	other kiln, caldron																				1				1	other kiln, caldron
411	scaffolding															1									1	scaffolding
414	opening																1								1	opening
713	water							1																	1	water
111	engine																									engine
132	band sawing machine																									band sawing machine
133	wood planer machine																									wood planer machine
134	hollow chisel mortiser, wood borer																									hollow chisel mortiser, wood borer
135	chamfering machine, router,																									chamfering machine, router,

	woodworking milling machine																										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
154	power press																										power press
155	forging pressure hammer																										forging pressure hammer
156	shearing machine																										shearing machine
159	other metal manufacturing machines																										other metal manufacturing machines
161	centrifugal machine																										centrifugal machine

164	injection molding machine																									injection molding machine
165	food manufacturing machine																									food manufacturing machine
166	printing machine																									printing 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
212	mobile crane																									mobile crane
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
223	railway equipment																									railway equipment
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
311	boiler																										boiler
321	chemical facilities																										chemical facilities
331	gas welding equipment																										gas welding equipment
332	arc welding equipment																										arc welding equipment
339	other welding equipment																										other welding equipment
341	kiln, caldron																										kiln, caldron
342	industrial dryer																										industrial dryer
351	transmission																										transmission
352	electric power facilities																										electric power facilities
361	human power cranes																										human power cranes
372	slinging tool																										slinging tool
412	timbering																										timbering
511	explosive substance																										explosive substance
512	inflammable substance																										inflammable substance
513	inflammable gas																										inflammable gas

514	harmful substance																									harmful substance
515	radiation																									radiation
523	stone, sand, substance																									stone, sand, substance
711	natural ground, rock																									natural ground, rock
712	standing tree																									standing tree
714	abnormal environment																									abnormal environment
999	unclassifiable																									unclassifiable
	total			87		65		50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	772	total

Transition of fatal and non-fatal accidents in type of accidents in code no. 010202 cotton-spinning (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
07	caught in/between	60	55	45	40	24	25	19	27	27	20	18	15	18	15	15	10	16	14	18	13	14	7	16	531	caught in/between
19	reaction to motion/improper motion	8	3	7	6	2	2	3	5	4	3	1	2	3	2	2	2	4	3	4	2	4	1	5	78	reaction to motion/improper motion
01	fall from height	10	11	13	8	9	9	5	5	11	8	2	8	3	1	6	5	2	1	2	2	5	2	3	131	fall from height
02	falling to same level	12	10	7	10	16	4	6	10	5	1	3	2	5	8	7	7	7	4	8	12	6	4	2	156	falling to same level
08	cut	18	9	6	13	4	2	7	6	7	4	1	3		4		2	1	1		4	2	1	2	97	cut
05	collapse	1			2	2		1		1			1									1		1	10	collapse

12	contact to harmful substance	1			1																			1	3	contact to harmful substance
04	struck by flying or falling object	6	4	3	2	4	1	3	3	2	1	2	1		2	3	1	1		1	2				42	struck by flying or falling object
03	crash	5	5	2	4	2	3	1	1	1		1			2		3	1	1	1		1	1		35	crash
06	crashed by	6	4	2	2	2	2	3	3	1	3	1	1			1		2		1					34	crashed by
11	contact to high/low-temperature	1		2	2				1					1	1				1		1	2			12	contact to high/low-temperature
17	traffic accident (public road)		1					1				1		1	1										5	traffic accident (public road)
90	others									1								1	1						3	others
99	unclassifiable	1						1											1						3	unclassifiable
09	injury to the sole of the foot				1																				1	injury to the sole of the foot
13	electric shock												1												1	electric shock
10	drown																									drown
14	explosion																									explosion
15	burst																									burst
16	fire																									fire
18	traffic accident (others)																									traffic accident (others)
	total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	1,142	total

Transition of fatal and non-fatal accidents in workers ages in code no. 010202 cotton-spinning (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
6	60 years old or more	20	16	18	16	17	6	17	12	16	6	8	15	9	15	9	11	5	11	15	13	10	7	9	281	60 years old or more
5	50-59	55	49	34	39	22	19	14	24	20	19	9	9	7	8	11	7	13	8	11	10	8	1	8	405	50-59
2	20-29	11	8	6	15	7	3	8	3	8	1	4	1	6		4	4	5	2	6	2	3	3	5	115	20-29
3	30-39	15	11	10	10	6	8	4	9	2	4	1	5	4	4	4	3	4	2	2	5	9	2	4	128	30-39
4	40-49	23	12	15	10	12	12	7	12	10	9	7	4	4	8	5	5	7	3	1	4	5	3	3	181	40-49
1	19 years old or less	5	6	4	1	1			1	4	1	1		1	1	1		1	1		2			1	32	19 years old or less
	total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	1,142	total

Transition of fatal and non-fatal accidents in workers scales in code no. 010202 cotton-spinning (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
4	50-99	17	13	9	13	11	6	6	11	10	12	5	5	7	13	7	7	9	8	7	11	15	2	12	216	50-99
2	10-29	40	30	32	25	16	19	12	24	17	11	9	12	7	7	8	9	14	6	9	7	14	6	11	345	10-29
3	30-49	9	15	14	21	10	5	7	8	13	5	4	4	7	5	8	3	3	5	7	6	2	4	3	168	30-49
1	9 workers or less	29	16	16	15	19	10	15	9	13	5	7	9	8	11	7	8	7	4	6	5	3		2	224	9 workers or less
5	100-299	24	23	14	17	8	7	10	9	7	7	5	4	2		4	3	2	4	6	6	1	4	2	169	100-299
6	300 workers or more	10	5	2		1	1														1				20	300 workers or more
	total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	1,142	total

Transition of fatal and non-fatal accidents in months in code no. 010202 cotton-spinning (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
1	January	13	11	10	6	5	6	1	4	4	3	3	4	3		3	5	5	1	3	4	2	1	7	104	January
6	June	10	10	16	6	6	4	6	7	5	3	4	3	1	1	1	2	4		2	2	3	2	5	103	June
7	July	13	1	9	8	6	10	3	6	8	3	1	4	3	4	5	2	2	4	3	1	2	2	3	103	July
3	March	17	14	5	4	3	4	3	7	5	3	2	2	4	3		1	3	2	3	8	3	1	3	100	March
10	October	10	11	5	9	8	3	4	3	7	7	2	3	3	1	5	1	2	3	4	4	2		3	100	October
5	May	7	8	5	4	7	3	2	5	1		3	1	3	6	4	3	4	1	3	6	3	3	3	85	May
8	August	12	9	5	11	6	5	6	5	6	1	1	4	1	4	2	2	2	2	3	1	5	2	2	97	August
2	February	11	10	9	7	6	3	5	8	3	7	4	1	2	4	2	4	5	4	2		3		1	101	February
11	November	10	9	8	8	6	1	4	5	5	2	3	4	1	3	2	3	1	3	5	1	1	2	1	88	November
9	September	10	8	6	7	5	2	7	2	1	2	4	4	3	3	4	2	3	2	2	2	5		1	85	September
12	December	7	2	3	10	3	3	5	5	8	3	1	1	2	3	2	3	4	4	2	3	3		1	78	December
4	April	9	9	6	11	4	4	4	4	7	6	2	3	5	4	4	2		1	3	4	3	3		98	April
	total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	1,142	total

Transition of fatal and non-fatal accidents in prefectures in code no. 010202 cotton-spinning (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
27	Osaka	21	27	27		18		13	17	17	9	9	10	6	10	10	4	5	7	7	4	10	4	9	244	Osaka
23	Aichi	37	10	17		9		11	10	10	5	6	8	6	5	6	4	5		10	6	4	3	4	176	Aichi
17	Ishikawa	1	7	12		6		8	6	1	7	4	4	1	2	3	4	5	3	2	2	2		3	83	Ishikawa
18	Fukui	5	4			2		1	2	5	3	2	2	3	2	2	3	2	1	3	4	2		2	50	Fukui
25	Shiga	3	1			1		1		1	2	1				1	2	1		2	2	1		2	21	Shiga
24	Mie	4	2	3		2		1				1						1				1	1	2	18	Mie
42	Nagasaki	1		1						1					2			2	2		1	2	1	2	15	Nagasaki

21	Gifu	20	13	6		6		2	6	4	1	1	1	3	3	3	2		1	1	1	2		1	77	Gifu
45	Miyazaki	1	4	2		3								1	3	2	4	2	1	3	2	4	1	1	34	Miyazaki
33	Okayama		2			1		1	1	2	2	1	1	1		1		2	3		1	2		1	22	Okayama
32	Shimane		3	2					2	1	2	1			1	1			1		1		2	1	18	Shimane
16	Toyama	2	2	1		1		1			1			3	1		1		2	1				1	17	Toyama
44	Oita	1	2			1							1			1	1				1			1	9	Oita
43	Kumamoto	2	2	4		2		1	3	1	1		1		1	1	1	2	3	1	4	3	1		34	Kumamoto
34	Hiroshima	4	2	2		3		1	1	4			2		1		1	1							22	Hiroshima
46	Kagoshima	5	3	1		1		1	2	1								1	2	1					18	Kagoshima
30	Wakayama	3	2	1		2		1	1	2	1			1			1	1			1				17	Wakayama
26	Kyoto	5	1			2			2	3					1			1					1		16	Kyoto
22	Shizuoka	2	3	2		1		2			1	1	1							1					14	Shizuoka
28	Hyogo	2	2	1				1	1	1		1	1		1	2		1							14	Hyogo
6	Yamagata	2	1	1		1					2				1			1					1		10	Yamagata
15	Niigata	1				1			1	1		1	1	1	1						2				10	Niigata
20	Nagano	2	1								1		1	1			1	1		1					9	Nagano
41	Saga		1	1		2			1	2	1							1							9	Saga
4	Miyagi		2						1			1		2							1	1			8	Miyagi
37	Kagawa		1	1				1	1		1									1		1			7	Kagawa
7	Fukushima								1	2							1			1					5	Fukushima
14	Kanagawa		1											1	1						2				5	Kanagawa
13	Tokyo	1						1		1									1						4	Tokyo
8	Ibaraki			1				1	1																3	Ibaraki

10	Gunma	2	1																							3	Gunma
31	Tottori	1												1								1				3	Tottori
19	Yamanashi	1	1																							2	Yamanashi
39	Kochi							1								1										2	Kochi
12	Chiba								1																	1	Chiba
29	Nara			1																						1	Nara
35	Yamaguchi																						1			1	Yamaguchi
36	Tokushima		1																							1	Tokushima
1	Hokkaido																										Hokkaido
2	Aomori																										Aomori
3	Iwate																										Iwate
5	Akita																										Akita
9	Tochigi																										Tochigi
11	Saitama																										Saitama
38	Ehime																										Ehime
40	Fukuoka																										Fukuoka
47	Okinawa																										Okinawa
	total	129	102	87		65		50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	1,003	total

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