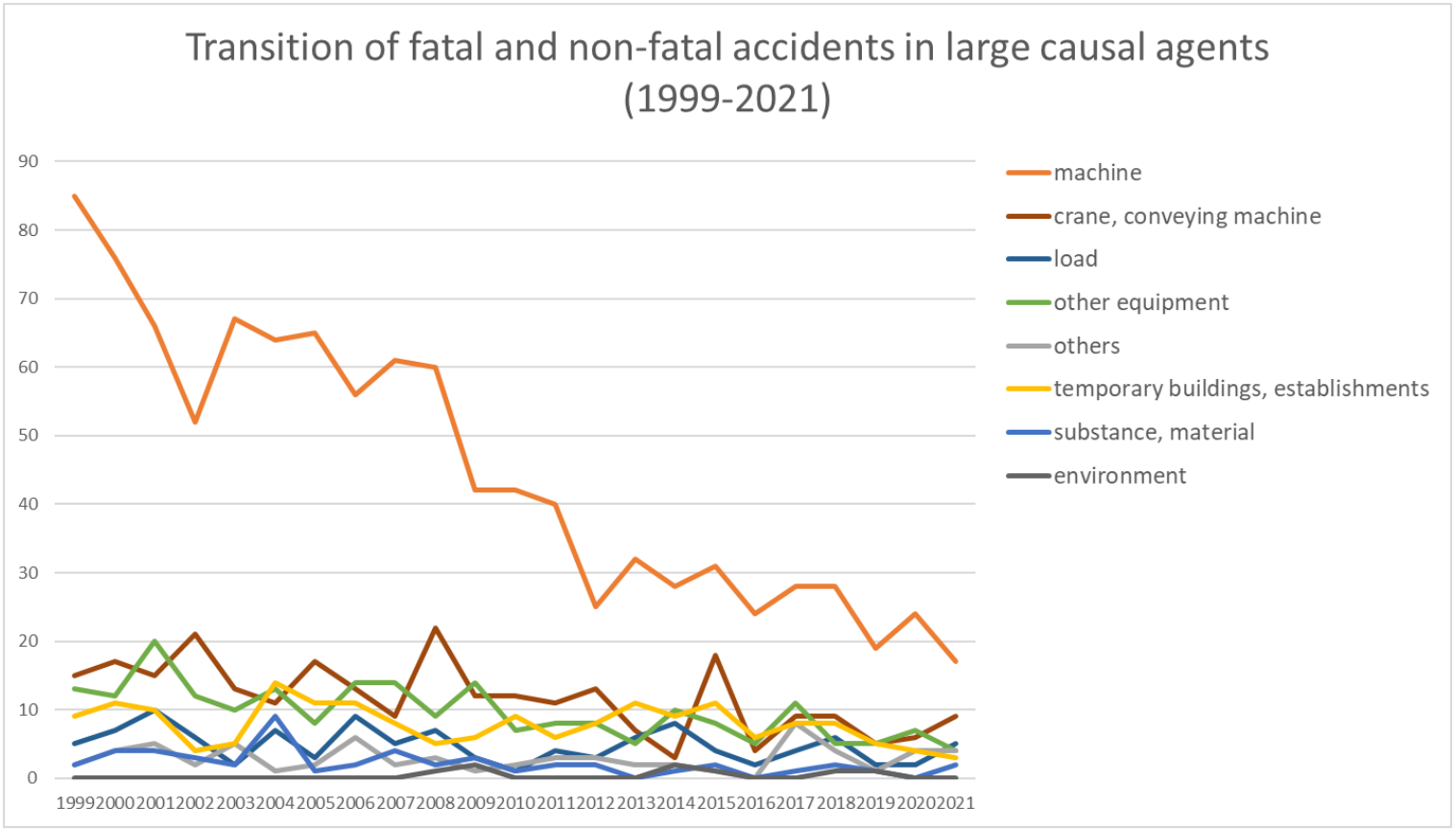
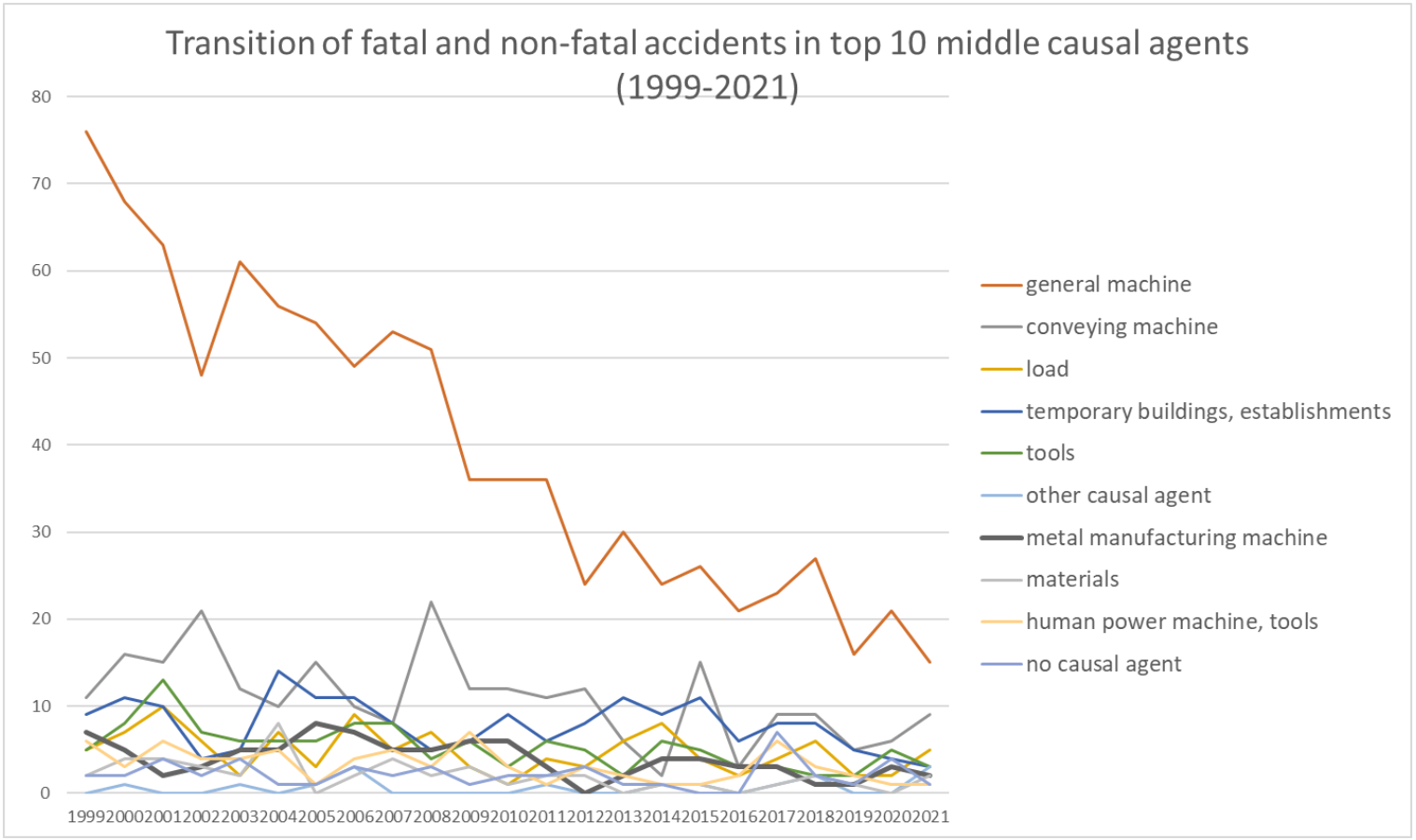
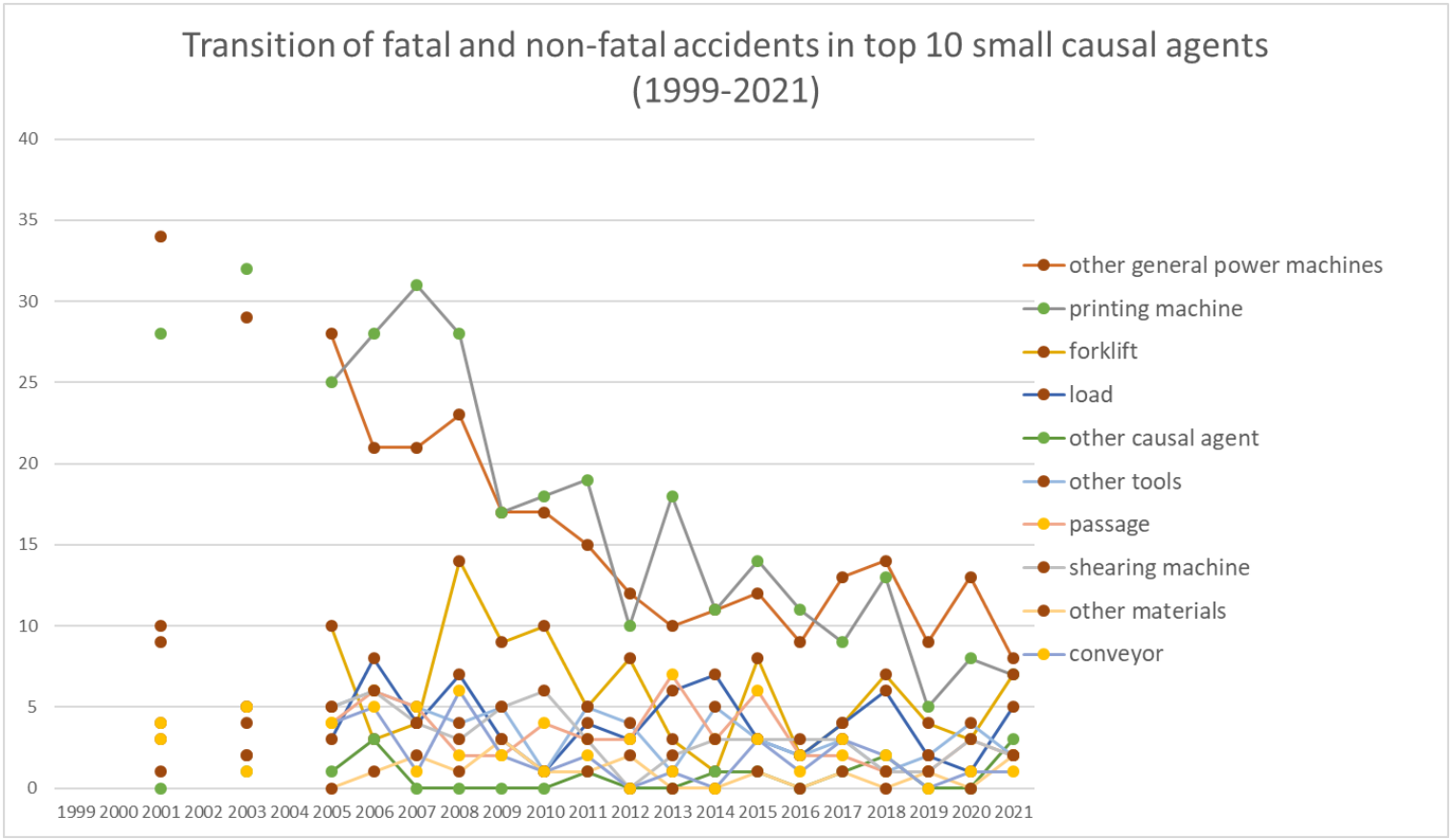
Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 010702 bookbinding (1999-2021)



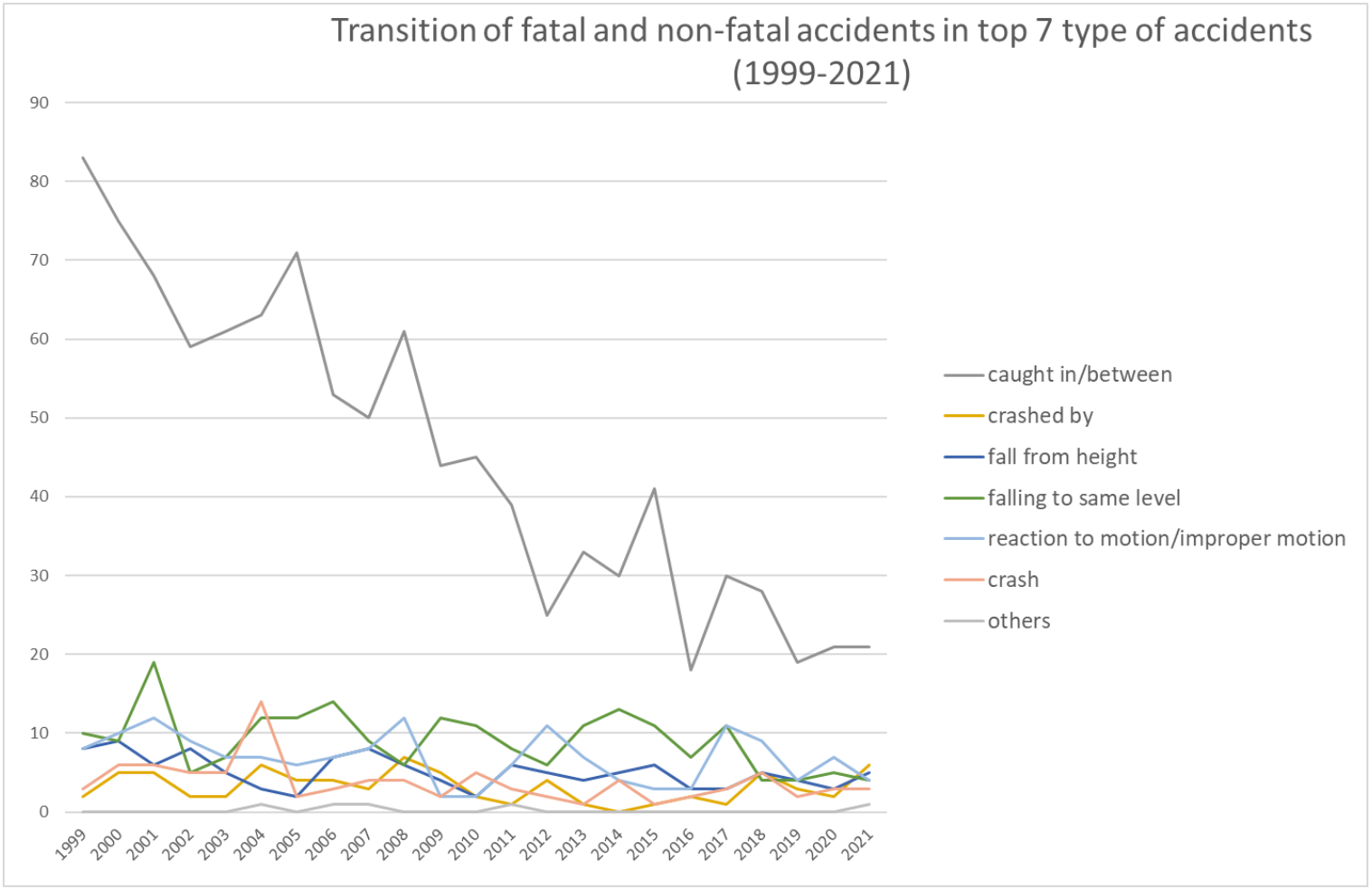
Transition of fatal and non-fatal accidents in large causal agents in code no. 010702 bookbinding (1999-2021)



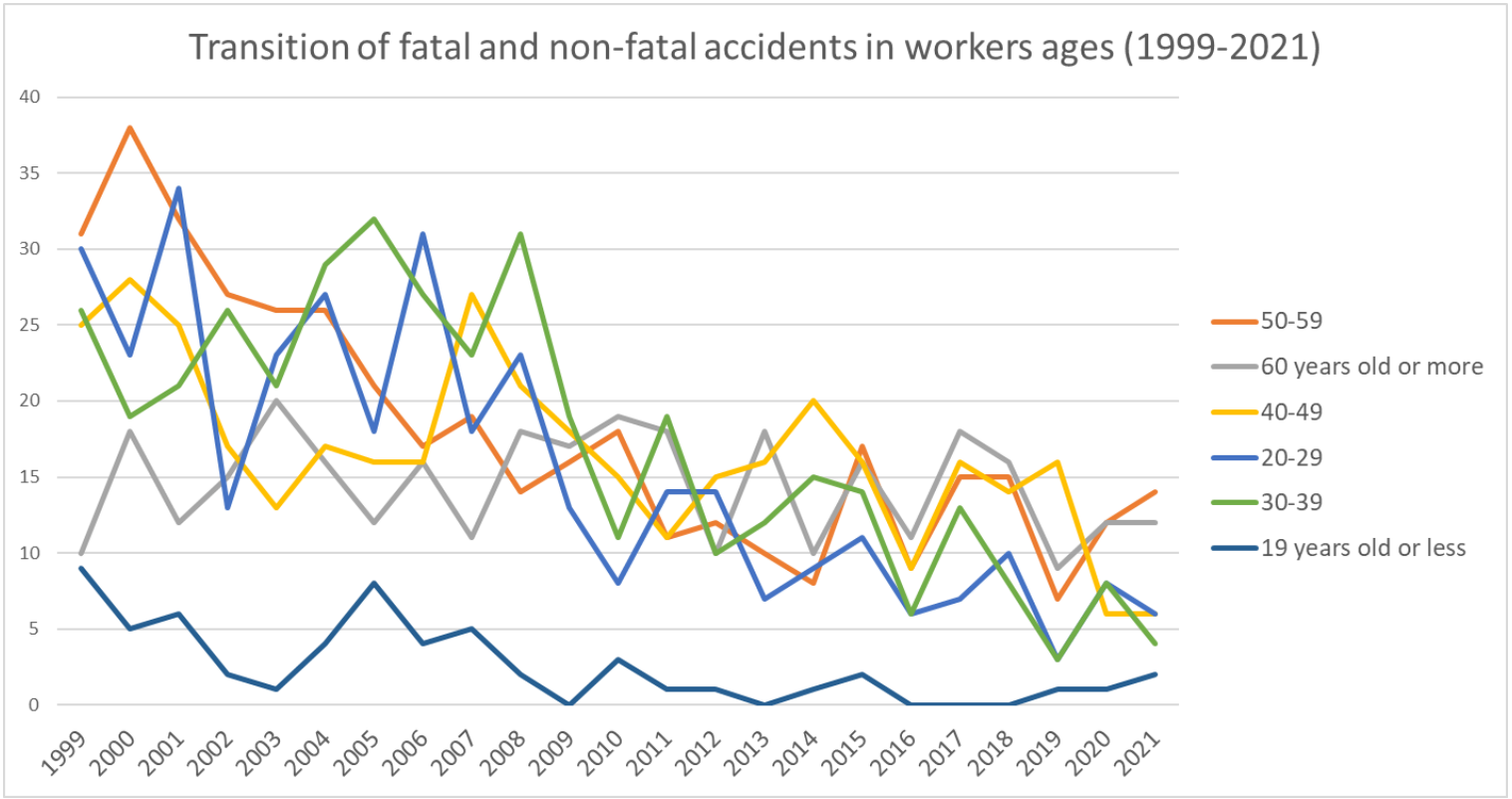
Transition of fatal and non-fatal accidents in middle causal agents in code no. 010702 bookbinding (1999-2021)



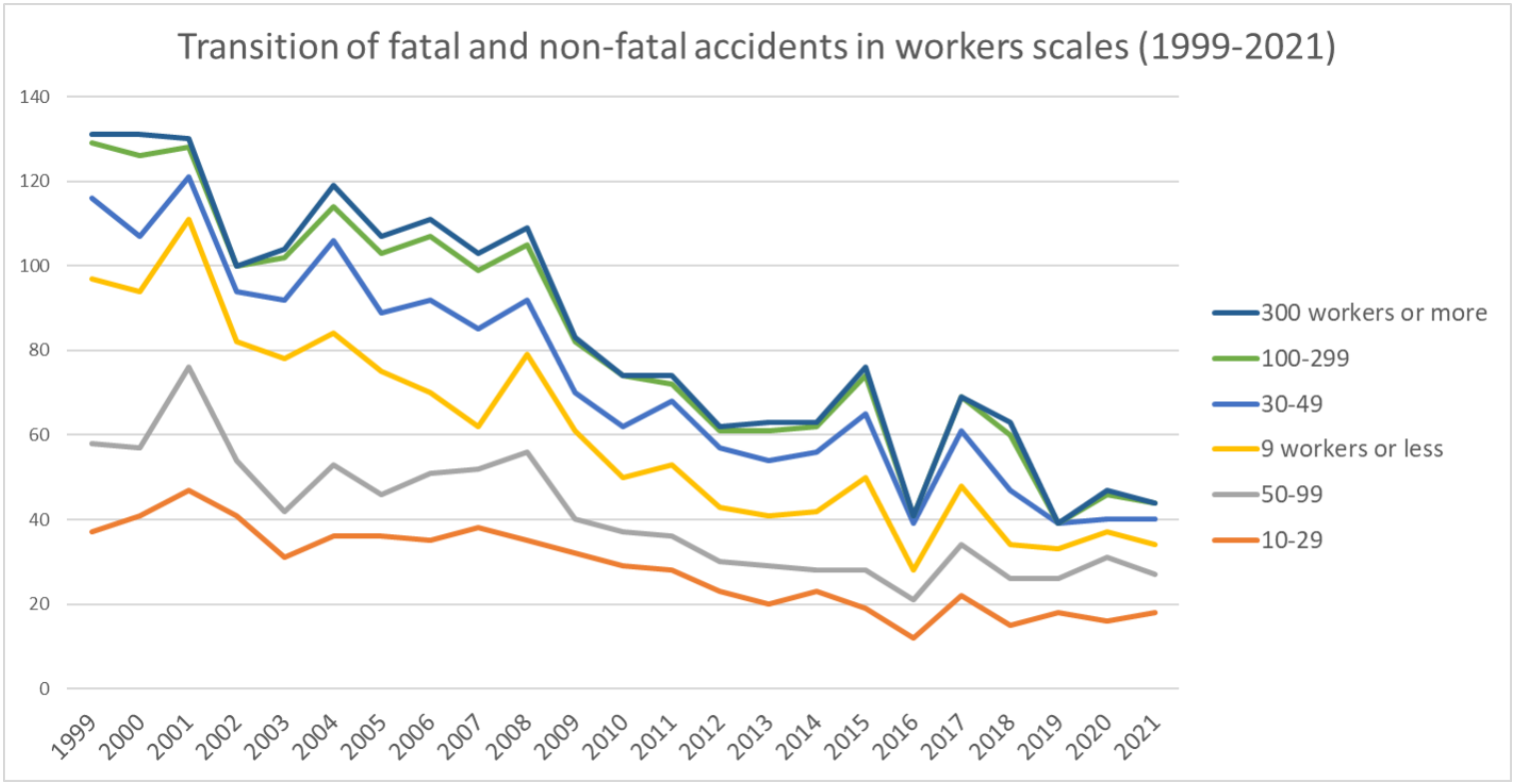
Transition of fatal and non-fatal accidents in small causal agents in code no. 010702 bookbinding (1999-2021)



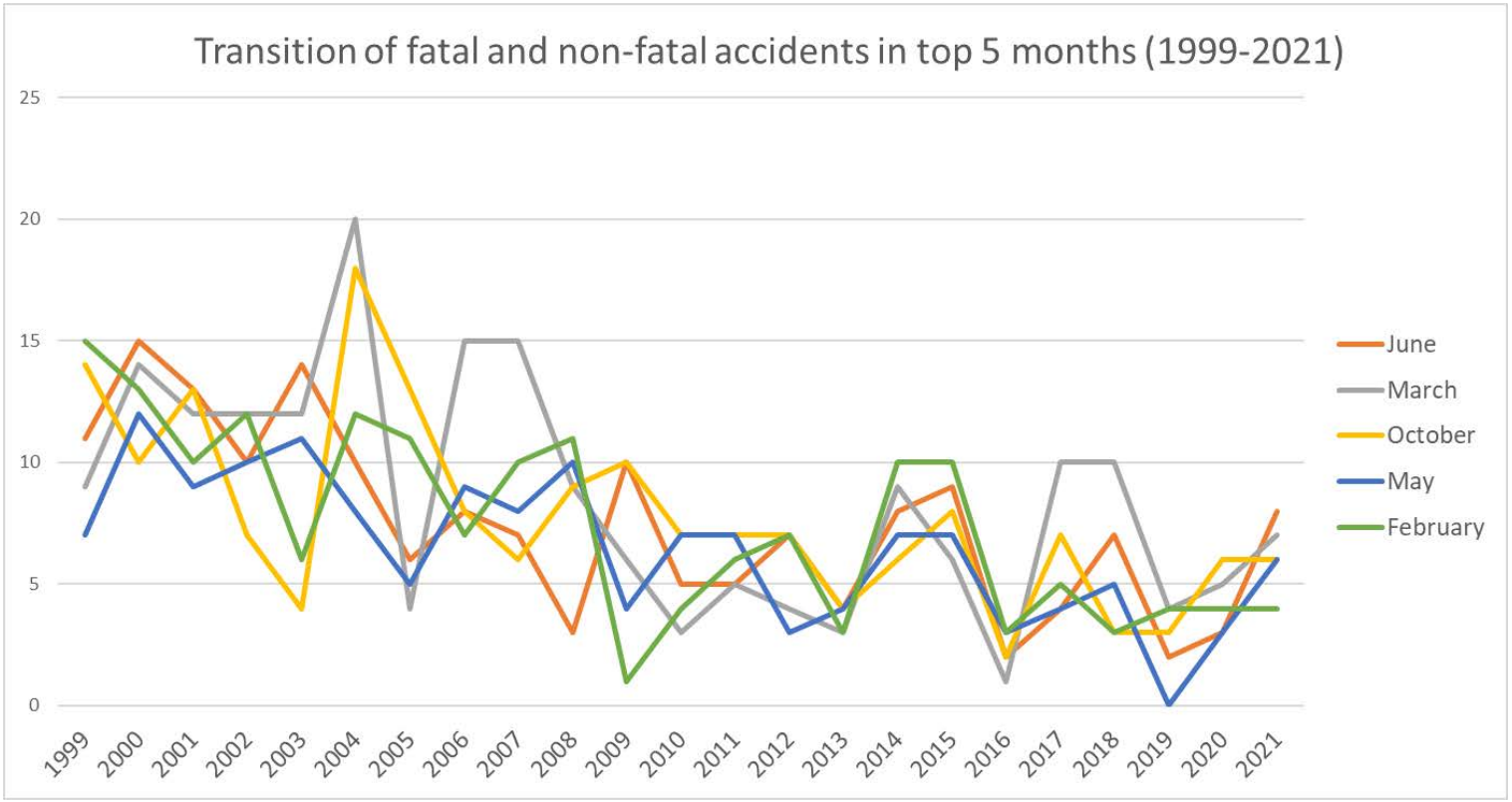
Transition of fatal and non-fatal accidents in type of accidents in code no. 010702 bookbinding (1999-2021)



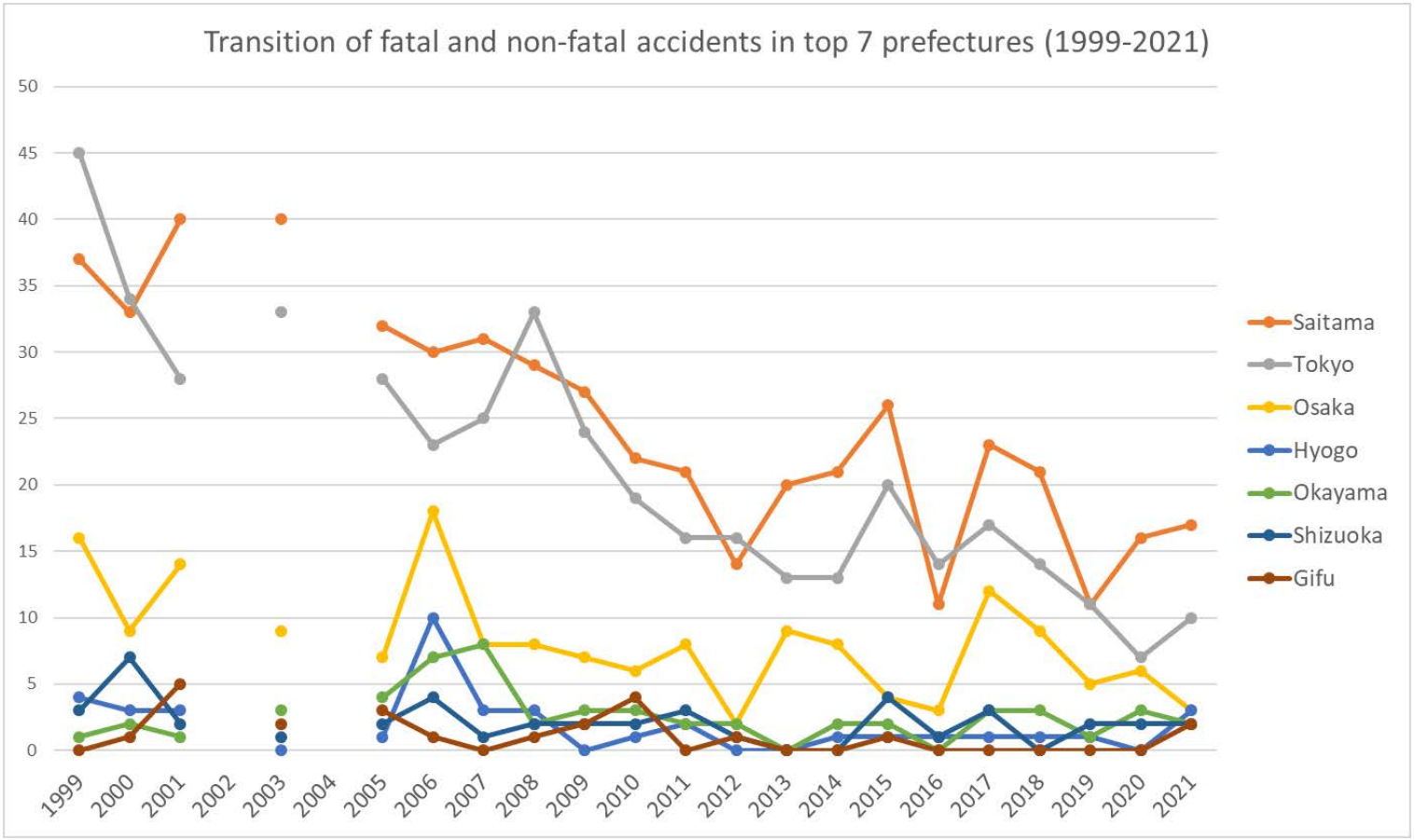
Transition of fatal and non-fatal accidents in workers ages in code no. 010702 bookbinding (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 010702 bookbinding (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 010702 bookbinding (1999-2021)



Transition of fatal and non-fatal accidents in prefectures in code no. 010702 bookbinding (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 010702 bookbinding (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	85	76	66	52	67	64	65	56	61	60	42	42	40	25	32	28	31	24	28	28	19	24	17	1,032	machine
2	crane, conveying machine	15	17	15	21	13	11	17	13	9	22	12	12	11	13	7	3	18	4	9	9	5	6	9	271	crane, conveying machine
6	load	5	7	10	6	2	7	3	9	5	7	3	1	4	3	6	8	4	2	4	6	2	2	5	111	load

3	other equipment	13	12	20	12	10	13	8	14	14	9	14	7	8	8	5	10	8	5	11	5	5	7	4	222	other equipment
9	others	2	4	5	2	5	1	2	6	2	3	1	2	3	3	2	2	1		8	4	1	4	4	67	others
4	temporary buildings, establishments	9	11	10	4	5	14	11	11	8	5	6	9	6	8	11	9	11	6	8	8	5	4	3	182	temporary buildings, establishments
5	substance, material	2	4	4	3	2	9	1	2	4	2	3	1	2	2		1	2		1	2	1		2	50	substance, material
7	environment										1	2					2	1			1	1			8	environment
	total	131	131	130	100	104	119	107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47	44	1,943	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 010702 bookbinding (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	76	68	63	48	61	56	54	49	53	51	36	36	36	24	30	24	26	21	23	27	16	21	15	914	general machine
22	conveying machine	11	16	15	21	12	10	15	10	8	22	12	12	11	12	6	2	15	3	9	9	5	6	9	251	conveying machine
61	load	5	7	10	6	2	7	3	9	5	7	3	1	4	3	6	8	4	2	4	6	2	2	5	111	load
41	temporary buildings, establishments	9	11	10	4	5	14	11	11	8	5	6	9	6	8	11	9	11	6	8	8	5	4	3	182	temporary buildings, establishments
37	tools	5	8	13	7	6	6	6	8	8	4	6	3	6	5	2	6	5	3	3	2	2	5	3	122	tools
91	other causal agent		1			1		1	3					1			1	1		1	2			3	15	other causal agent

15	metal manufacturing machine	7	5	2	3	5	5	8	7	5	5	6	6	3		2	4	4	3	3	1	1	3	2	90	metal manufacturing machine
52	materials	2	4	4	3	2	8		2	4	2	3	1	2	2		1	1		1	2	1		2	47	materials
36	human power machine, tools	6	3	6	4	4	5	1	4	5	3	7	3	1	3	2	1	1	2	6	3	2	1	1	74	human power machine, tools
92	no causal agent	2	2	4	2	4	1	1	3	2	3	1	2	2	3	1	1			7	2	1	4	1	49	no causal agent
12	power transmission mechanism	2	3	1	1	1	2	3		3	3				1			1		2		2			25	power transmission mechanism
39	other equipments, facilities	2	1	1	1		2	1	2	1	2		1	1		1	2	1		1			1		21	other equipments, facilities
23	vehicle	1	1					1	3						1	1		2	1						11	vehicle
21	crane	3				1	1	1		1							1	1							9	crane
71	natural environment										1	2					2	1			1	1			8	natural environment
35	electric equipment											1						1		1		1			4	electric equipment
51	hazards, harmful substances						1	1										1							3	hazards, harmful substances
99	unclassifiable		1	1													1								3	unclassifiable
13	woodworking machine						1				1														2	woodworking

																										machine
14	construction machine													1											1	construction machine
33	welding equipment															1									1	welding equipment
11	engine																									engine
17	mobile silviculture machine																									mobile silviculture machine
31	pressure vessel																									pressure vessel
32	chemical facilities																									chemical facilities
34	kiln, caldron																									kiln, caldron
	total	131	131	130	100	104	119	107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47	44	1,943	total

Transition of fatal and non-fatal accidents in small causal agents in code no. 010702 bookbinding (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			34		29		28	21	21	23	17	17	15	12	10	11	12	9	13	14	9	13	8	316	other general power machines
166	printing machine			28		32		25	28	31	28	17	18	19	10	18	11	14	11	9	13	5	8	7	332	printing machine
222	forklift			3		5		10	3	4	14	9	10	5	8	3	1	8	2	4	7	4	3	7	110	forklift
611	load			9		2		3	8	4	7	3	1	4	3	6	7	3	2	4	6	2	1	5	80	load
911	other causal agent					1		1	3					1			1	1		1	2			3	14	other causal agent
379	other tools			10		4		5	6	5	4	5	1	5	4	1	5	3	2	3	1	2	4	2	72	other tools
417	passage			3		1		4	6	5	2	2	4	3	3	7	3	6	2	2	1	1	3	2	60	passage

156	shearing machine			1		5		5	6	4	3	5	6	3		2	3	3	3	3	1	1	3	2	59	shearing machine
529	other materials			4		2			1	2	1	3	1	1	2			1		1		1		2	22	other materials
224	conveyor			4		5		4	5	1	6	2	1	2		1		3	1	3	2		1	1	42	conveyor
921	no causal agent			4		4		1	3	2	3	1	2	2	3	1	1			7	2	1	4	1	42	no causal agent
362	human power hauling equipment			4		1		1	1	3	3	5	3		2	2	1		1	3	2	2		1	35	human power hauling equipment
221	truck			5		1		1		3	1	1	1	4	2	2		4				1	2	1	29	truck
371	ladder			3		2		1	2	2		1	1	1	1	1	1	2	1				1	1	21	ladder
414	opening								1											1				1	3	opening
413	stairs, landing stage			1				2	3	3	1	1	2	1	1	2	4	1	1	1	3	1			28	stairs, landing stage
416	working platform, boot board			5		3		2			1				3	1	1	1	2	2	1	2			24	working platform, boot board
121	power transmission mechanism			1		1		3		3	3				1			1		2		2			17	power transmission mechanism
163	roll machine (except printingroll machine)			1				1		1		2	1	2	1	2	2		1	1		2			17	roll machine (except printingroll machine)
364	hand tool			2		3			2	2		1		1	1				1	1	1		1		16	hand tool
418	building, establishment					1		3				2	3	1				2	1		1	1	1		16	building, establishment
391	other equipment, facilities			1				1	2	1	2		1	1		1	2	1		1			1		15	other equipment, facilities
229	other powered conveying machines			3		1			2		1				2		1			2					12	other powered conveying machines

419	other temporary buildings, establishments			1					1		1	1		1		1	1			2	2				11	other temporary buildings, establishments
231	cars, bus, motorcycle							1	3						1	1		2	1						9	cars, bus, motorcycle
159	other metal manufacturing machines			1				1		1	1	1					1								6	other metal manufacturing machines
612	machine/equipment as load			1					1	1							1	1					1		6	machine/equipment as load
719	other environments										1	1					2	1			1				6	other environments
521	metal material								1	1				1			1				1				5	metal material
214	elevator, lift					1				1							1	1							4	elevator, lift
351	transmission											1						1		1		1			4	transmission
363	human power machine								1			1								2					4	human power machine
372	slinging tool									1			1								1				3	slinging tool
522	lumber, bamboo									1	1										1				3	lumber, bamboo
154	power press							2																	2	power press
415	roof, beam, haze, crossbeam, principal rafter														1			1							2	roof, beam, haze, crossbeam, principal rafter
715	high/cold temperature environment											1										1			2	high/cold temperature environment

999	unclassifiable			1												1									2	unclassifiable
131	circular sawing machine										1														1	circular sawing machine
146	vehicle for high lift work													1											1	vehicle for high lift work
151	lathe								1																1	lathe
152	drill press, milling machine																	1							1	drill press, milling machine
153	grinding machine, buffing machine										1														1	grinding machine, buffing machine
165	food manufacturing machine														1										1	food manufacturing machine
211	crane							1																	1	crane
339	other welding equipment																1								1	other welding equipment
361	human power cranes																	1							1	human power cranes
512	inflammable substance							1																	1	inflammable substance
514	harmful substance																	1							1	harmful substance
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, 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
149	other construction machines																									other construction machines
155	forging pressure hammer																									forging pressure hammer
161	centrifugal machine																									centrifugal machine
162	mixer, grinder																									mixer, grinder
164	injection molding																									injection molding

	machine																								machine
167	industrial robot																								industrial robot
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
219	other powered crane																								other powered crane
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
312	pressure vessel																								pressure vessel
319	other pressure vessels																								other pressure vessels
321	chemical facilities																								chemical facilities
331	gas welding equipment																								gas welding equipment
332	arc welding equipment																								arc welding equipment
341	kiln, caldron																								kiln, caldron
342	industrial dryer																								industrial dryer
349	other kiln, caldron																								other kiln, caldron
352	electric power facilities																								electric power facilities
359	other electrical equipment																								other electrical equipment
411	scaffolding																								scaffolding
412	timbering																								timbering
511	explosive substance																								explosive substance
513	inflammable gas																								inflammable gas
515	radiation																								radiation
	other hazards,																								other hazards,

519	harmful substances																									harmful substances
523	stone, sand, substance																									stone, sand, substance
711	natural ground, rock																									natural ground, rock
712	standing tree																									standing tree
713	water																									water
714	abnormal environment																									abnormal environment
	total			130		104		107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47	44	1,462	total

Transition of fatal and non-fatal accidents in type of accidents in code no. 010702 bookbinding (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	83	75	68	59	61	63	71	53	50	61	44	45	39	25	33	30	41	18	30	28	19	21	21	1,038	caught in/between
06	crashed by	2	5	5	2	2	6	4	4	3	7	5	2	1	4	1		1	2	1	5	3	2	6	73	crashed by
01	fall from height	8	9	6	8	5	3	2	7	8	6	4	2	6	5	4	5	6	3	3	5	4	3	5	117	fall from height
02	falling to same level	10	9	19	5	7	12	12	14	9	6	12	11	8	6	11	13	11	7	11	4	4	5	4	210	falling to same level
19	reaction to motion/improper motion	8	10	12	9	7	7	6	7	8	12	2	2	6	11	7	4	3	3	11	9	4	7	4	159	reaction to motion/improper motion
03	crash	3	6	6	5	5	14	2	3	4	4	2	5	3	2	1	4	1	2	3	5	2	3	3	88	crash
90	others						1		1	1				1										1	5	others

08	cut	10	11	11	7	14	7	6	13	14	10	8	4	5	5	3	2	6	4	5	5	1	6		157	cut
04	struck by flying or falling object	4	2	1	3	2	4	1	3	3	1	3	2	3	1	2	3	1		3	1	1			44	struck by flying or falling object
05	collapse			1	1	1	1	1	2	3		1	1		1	1		1	1	2	1				19	collapse
17	traffic accident (public road)	1	2		1			1	3					1	1			4	1						15	traffic accident (public road)
11	contact to high/low-temperature	1		1				1	1			2		1	1							1			9	contact to high/low-temperature
12	contact to harmful substance										1							1							2	contact to harmful substance
13	electric shock		1								1														2	electric shock
99	unclassifiable		1														1								2	unclassifiable
09	injury to the sole of the foot																1								1	injury to the sole of the foot
16	fire						1																		1	fire
18	traffic accident (others)	1																							1	traffic accident (others)
10	drown																									drown
14	explosion																									explosion
15	burst																									burst
	total	131	131	130	100	104	119	107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47	44	1,943	total

Transition of fatal and non-fatal accidents in workers ages in code no. 010702 bookbinding (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
5	50-59	31	38	32	27	26	26	21	17	19	14	16	18	11	12	10	8	17	9	15	15	7	12	14	415	50-59
6	60 years old or more	10	18	12	15	20	16	12	16	11	18	17	19	18	10	18	10	16	11	18	16	9	12	12	334	60 years old or more
4	40-49	25	28	25	17	13	17	16	16	27	21	18	15	11	15	16	20	16	9	16	14	16	6	6	383	40-49
2	20-29	30	23	34	13	23	27	18	31	18	23	13	8	14	14	7	9	11	6	7	10	3	8	6	356	20-29
3	30-39	26	19	21	26	21	29	32	27	23	31	19	11	19	10	12	15	14	6	13	8	3	8	4	397	30-39
1	19 years old or less	9	5	6	2	1	4	8	4	5	2		3	1	1		1	2				1	1	2	58	19 years old or less
	total	131	131	130	100	104	119	107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47	44	1,943	total

Transition of fatal and non-fatal accidents in workers scales in code no. 010702 bookbinding (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
2	10-29	37	41	47	41	31	36	36	35	38	35	32	29	28	23	20	23	19	12	22	15	18	16	18	652	10-29
4	50-99	21	16	29	13	11	17	10	16	14	21	8	8	8	7	9	5	9	9	12	11	8	15	9	286	50-99
1	9 workers or less	39	37	35	28	36	31	29	19	10	23	21	13	17	13	12	14	22	7	14	8	7	6	7	448	9 workers or less
3	30-49	19	13	10	12	14	22	14	22	23	13	9	12	15	14	13	14	15	11	13	13	6	3	6	306	30-49
5	100-299	13	19	7	6	10	8	14	15	14	13	12	12	4	4	7	6	9	2	8	13		6	4	206	100-299
6	300 workers or more	2	5	2		2	5	4	4	4	4	1		2	1	2	1	2			3		1		45	300 workers or more
	total	131	131	130	100	104	119	107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47	44	1,943	total

Transition of fatal and non-fatal accidents in months in code no. 010702 bookbinding (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
6	June	11	15	13	10	14	10	6	8	7	3	10	5	5	7	4	8	9	2	4	7	2	3	8	171	June

3	March	9	14	12	12	12	20	4	15	15	9	6	3	5	4	3	9	6	1	10	10	4	5	7	195	March
10	October	14	10	13	7	4	18	13	8	6	9	10	7	7	7	4	6	8	2	7	3	3	6	6	178	October
5	May	7	12	9	10	11	8	5	9	8	10	4	7	7	3	4	7	7	3	4	5		3	6	149	May
2	February	15	13	10	12	6	12	11	7	10	11	1	4	6	7	3	10	10	3	5	3	4	4	4	171	February
4	April	15	6	19	5	7	7	13	16	12	4	12	7	6	2	8	3	3	5	5	6	4	8	3	176	April
1	January	10	7	9	10	12	9	13	12	8	14	6	9	10	9	6	2	7	3	7	6	7	1	2	179	January
9	September	8	15	9	7	14	9	8	5	8	13	5	5	8	7	10	4	8	5	4	3	2	4	2	163	September
11	November	10	10	9	7	8	9	10	10	4	8	5	8	4	6	3	1	6	4	5	6	4	3	2	142	November
12	December	7	11	9	4	5	4	8	7	10	12	7	5	5		3	3	4	3	7	3	6	2	2	127	December
8	August	14	10	9	5	6	4	13	11	8	6	11	7	4	6	7	5	5	5	6	2	2		1	147	August
7	July	11	8	9	11	5	9	3	3	7	10	6	7	7	4	8	5	3	5	5	9	1	8	1	145	July
	total	131	131	130	100	104	119	107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47	44	1,943	total

Transition of fatal and non-fatal accidents in prefectures in code no. 010702 bookbinding (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
11	Saitama	37	33	40		40		32	30	31	29	27	22	21	14	20	21	26	11	23	21	11	16	17	522	Saitama
13	Tokyo	45	34	28		33		28	23	25	33	24	19	16	16	13	13	20	14	17	14	11	7	10	443	Tokyo
27	Osaka	16	9	14		9		7	18	8	8	7	6	8	2	9	8	4	3	12	9	5	6	3	171	Osaka
28	Hyogo	4	3	3				1	10	3	3		1	2			1	1	1	1	1	1		3	39	Hyogo
33	Okayama	1	2	1		3		4	7	8	2	3	3	2	2		2	2		3	3	1	3	2	54	Okayama
22	Shizuoka	3	7	2		1		2	4	1	2	2	2	3	1			4	1	3		2	2	2	44	Shizuoka
21	Gifu		1	5		2		3	1		1	2	4		1			1						2	23	Gifu
23	Aichi	5	8	7				4	4	3	5	4	4	2	10	2	2	1	2	3	3	2	5	1	77	Aichi
40	Fukuoka	6	3	1		1		2	2	1	4	1	1	2		1	1	3	1	1	2	1	1	1	36	Fukuoka

4	Miyagi	2	2	3				3	1	2	4		1		3				1				1	1	24	Miyagi
31	Tottori											1		1		2								1	5	Tottori
37	Kagawa					1		1									1	1						1	5	Kagawa
26	Kyoto	2	4	5		2		4	3	3	2	1	3	3	2	5	2	3	3		1	1	3		52	Kyoto
20	Nagano	1	3	2		1		2		1	4	1	2	1	1	3	3	1		2		1	1		30	Nagano
12	Chiba		6	1		1		1		3	2	1			2	1		2		1		1			22	Chiba
15	Niigata	1		2				1	2	1	5			2			1	1	1	1	1				19	Niigata
10	Gunma		3	1				2		1		1	3	2		1	2			1					17	Gunma
14	Kanagawa	2	3	2		1		2		1				1	1	1		1					1		16	Kanagawa
32	Shimane	1	2							1	1	2	1				2	1			1	1			13	Shimane
8	Ibaraki	2	2						2		1				1	1		1			1				11	Ibaraki
29	Nara		1					1			1	1	1	1		1	1				2				10	Nara
18	Fukui	1		1					1	1		1			1			1	1		1				9	Fukui
34	Hiroshima			3		1				2					1					1					8	Hiroshima
1	Hokkaido			2		1		1			1			2											7	Hokkaido
2	Aomori							2	1	2		1					1								7	Aomori
43	Kumamoto							2				1		1	1	1	1								7	Kumamoto
47	Okinawa			1						1	1	1			1				1			1			7	Okinawa
25	Shiga		1			1			1					1	1			1							6	Shiga
35	Yamaguchi			2		2															1		1		6	Yamaguchi
6	Yamagata							1	1	2						1									5	Yamagata
38	Ehime	1	1	1				1						1											5	Ehime
5	Akita	1		1						1								1							4	Akita

7	Fukushima			1									1			1		1						4	Fukushima
16	Toyama					2								1										3	Toyama
45	Miyazaki			1								1									1			3	Miyazaki
17	Ishikawa					1									1									2	Ishikawa
24	Mie		1							1														2	Mie
3	Iwate		1																					1	Iwate
30	Wakayama		1																					1	Wakayama
36	Tokushima												1											1	Tokushima
41	Saga												1											1	Saga
44	Oita																				1			1	Oita
46	Kagoshima					1																		1	Kagoshima
9	Tochigi																								Tochigi
19	Yamanashi																								Yamanashi
39	Kochi																								Kochi
42	Nagasaki																								Nagasaki
	total	131	131	130		104		107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47	44	1,724	total

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