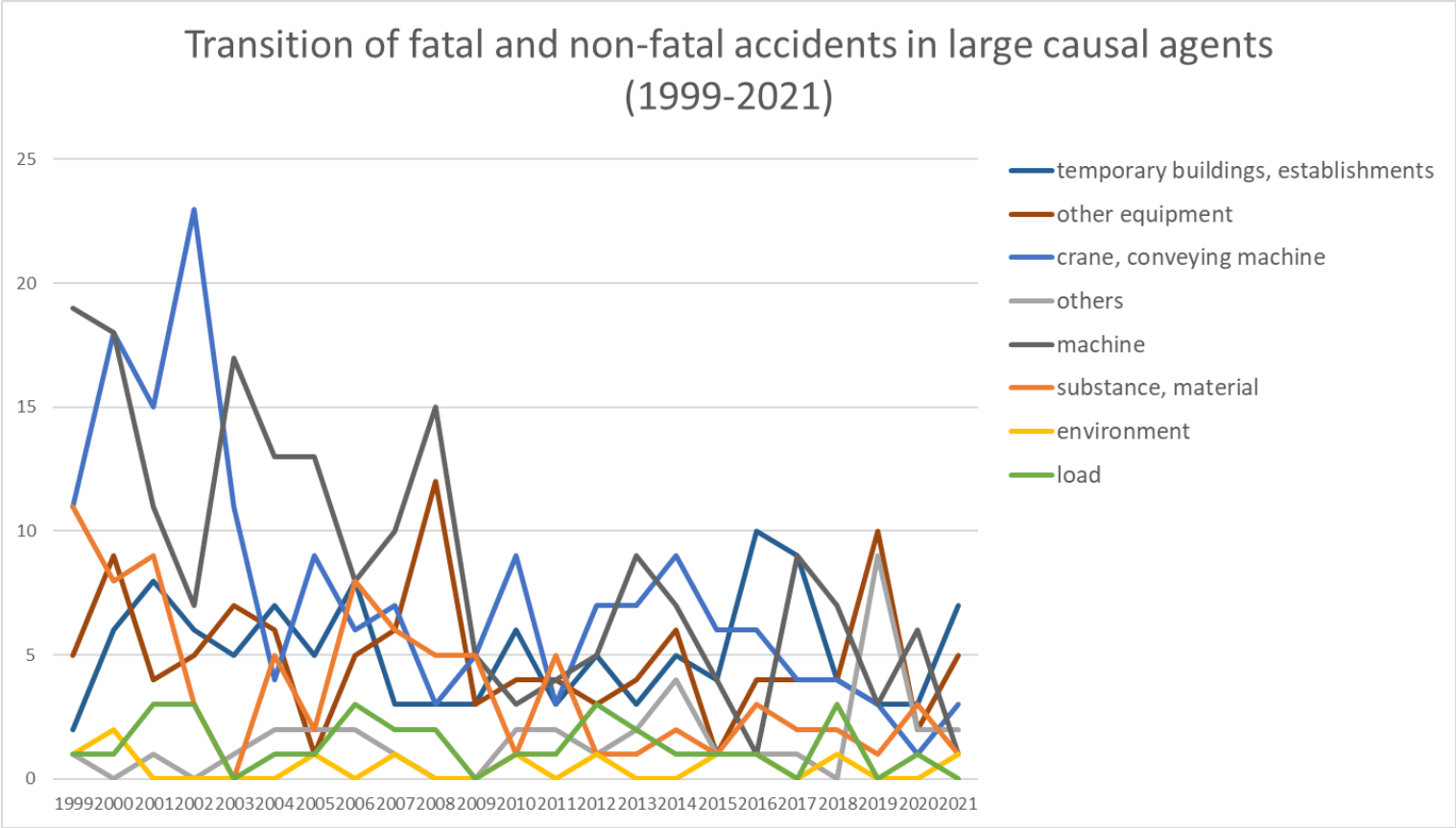
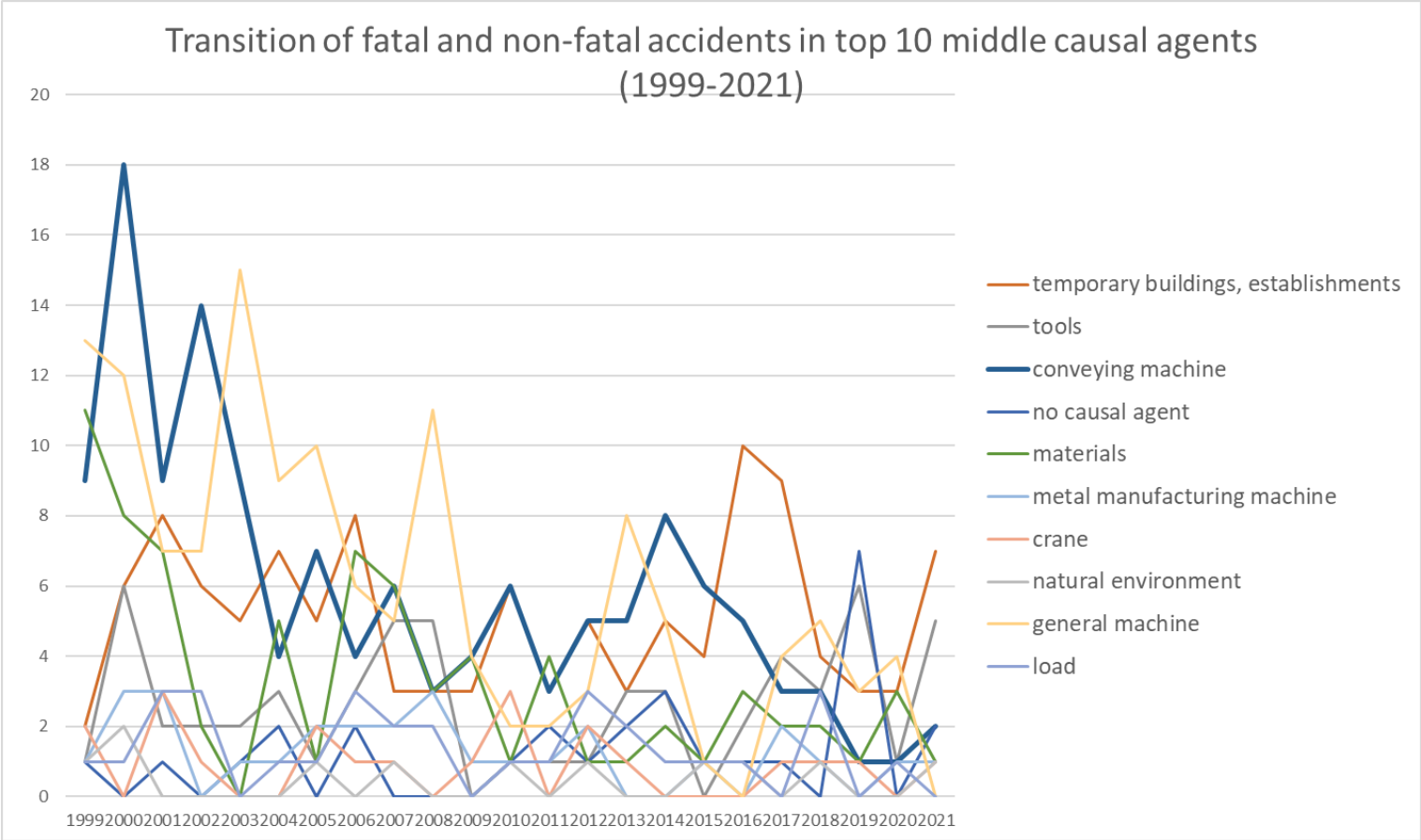
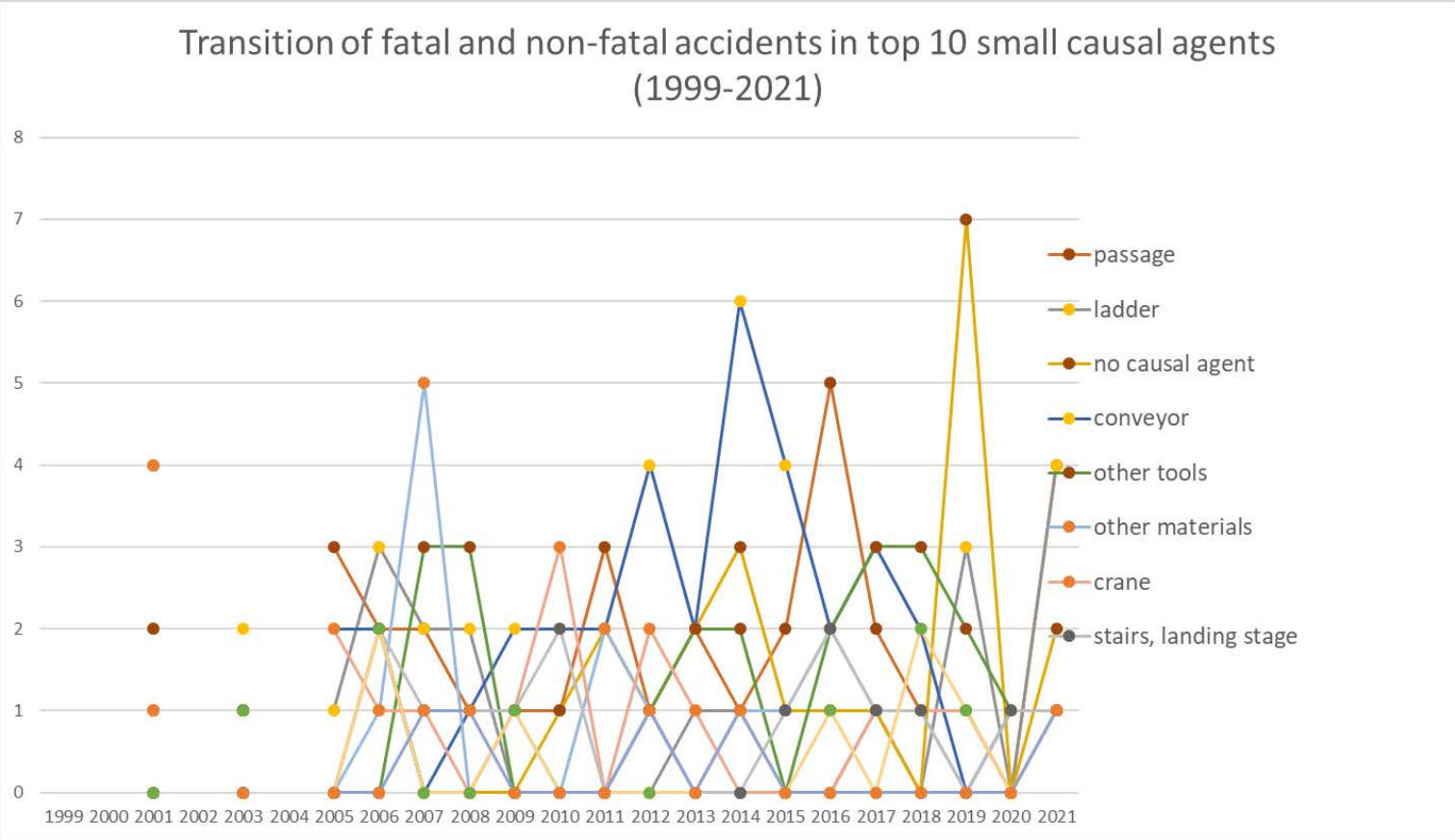
Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 010904 fire resisting products (1999-2021)



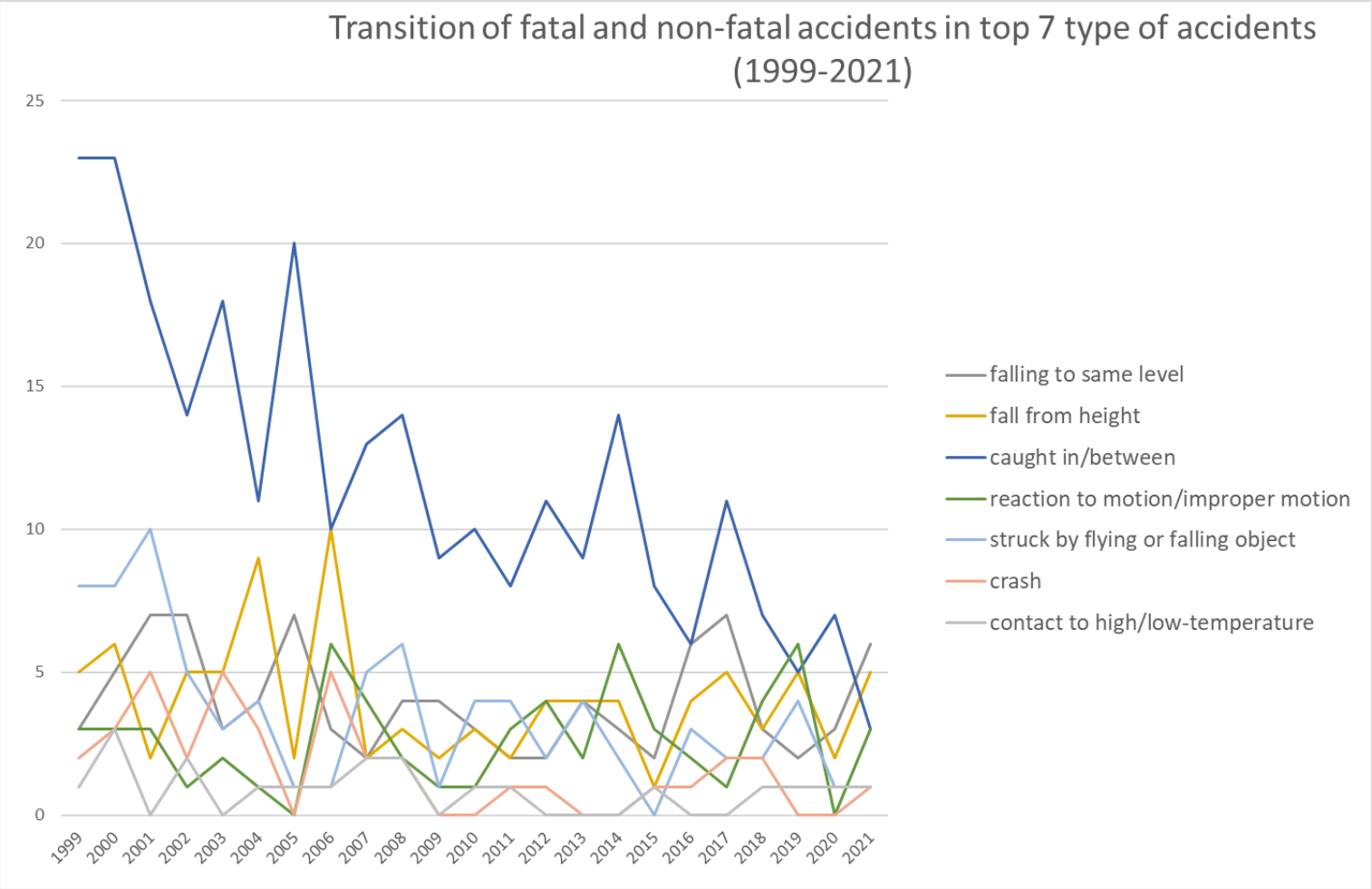
Transition of fatal and non-fatal accidents in large causal agents in code no. 010904 fire resisting products (1999-2021)



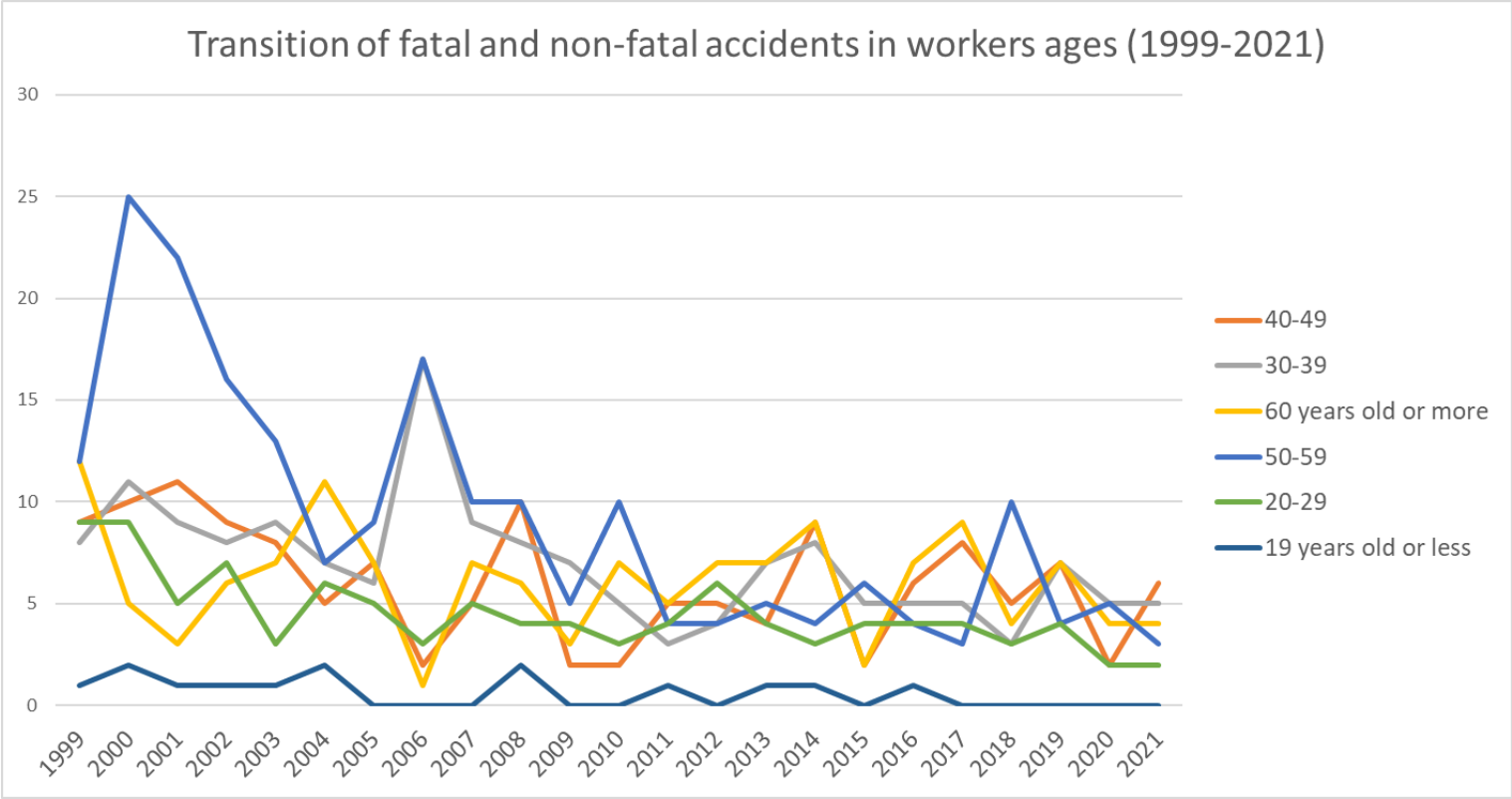
Transition of fatal and non-fatal accidents in middle causal agents in code no. 010904 fire resisting products (1999-2021)



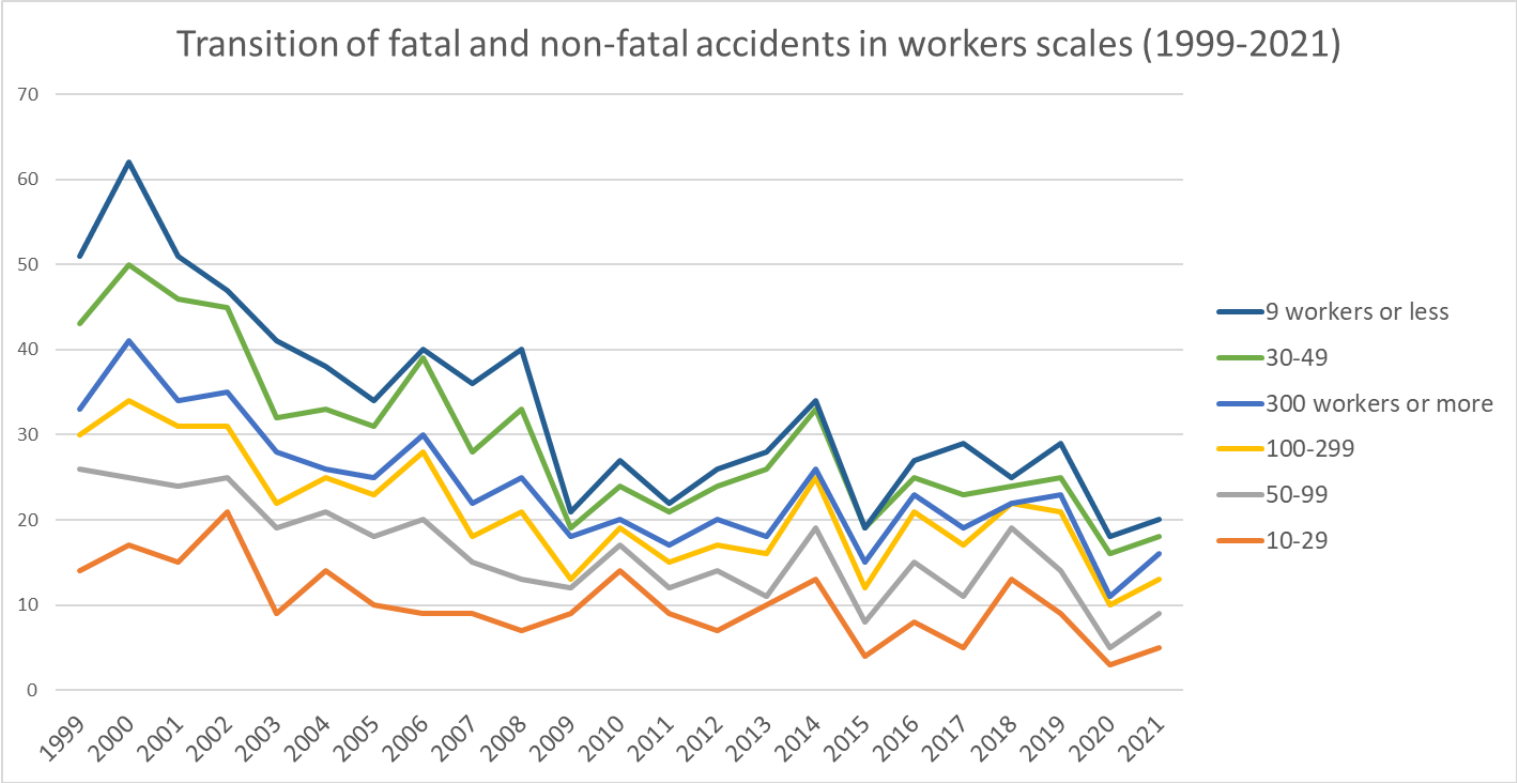
Transition of fatal and non-fatal accidents in small causal agents in code no. 010904 fire resisting products (1999-2021)



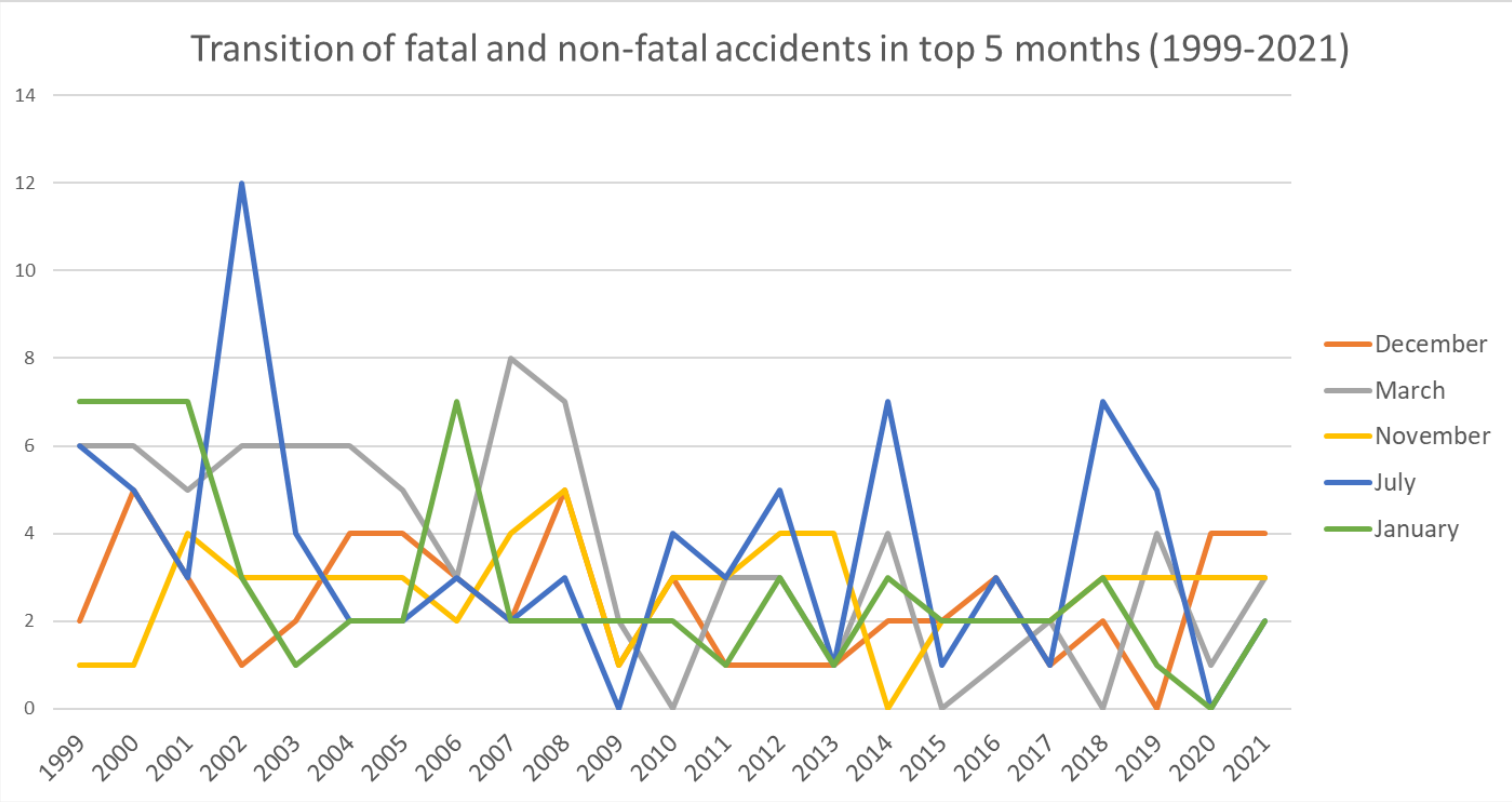
Transition of fatal and non-fatal accidents in type of accidents in code no. 010904 fire resisting products (1999-2021)



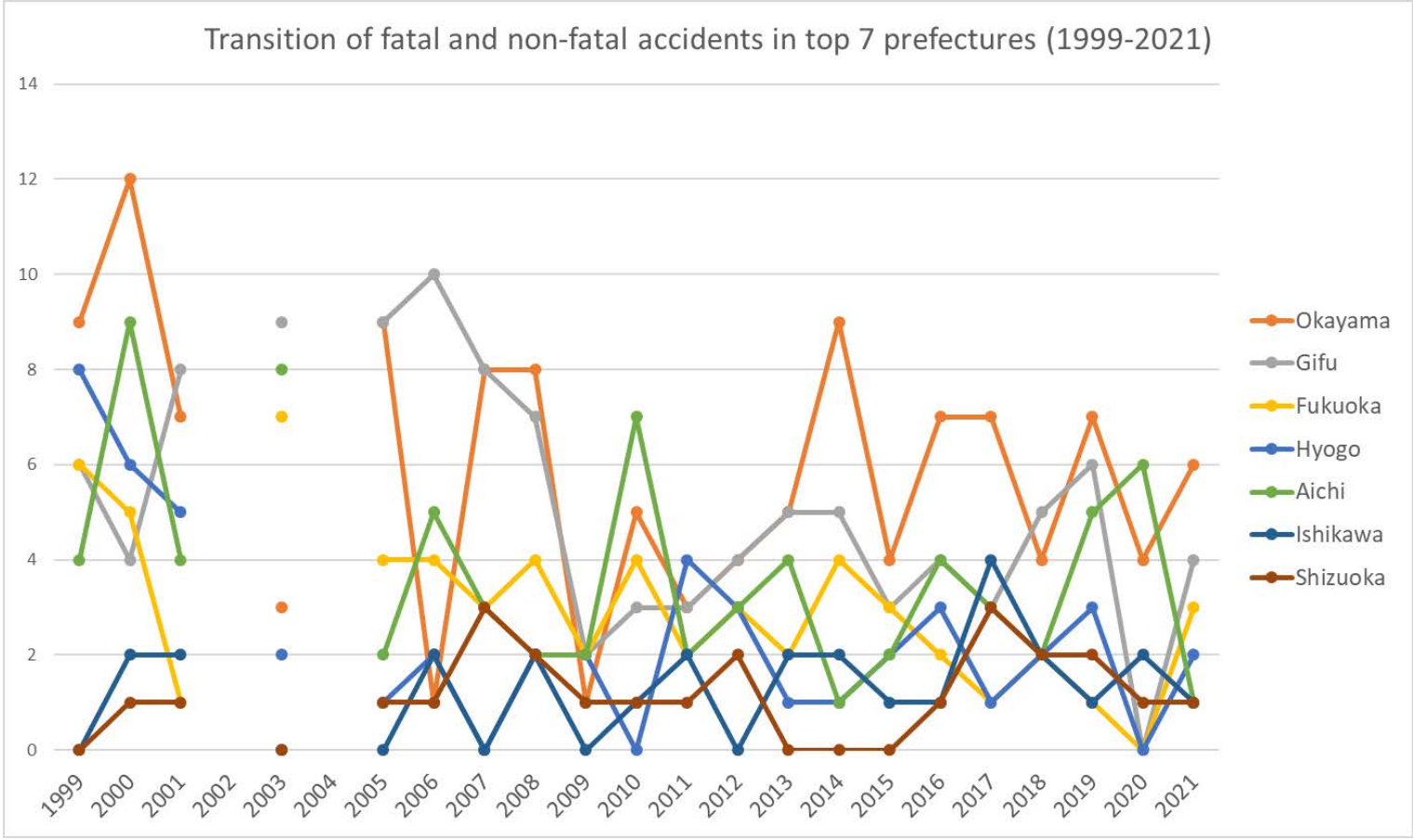
Transition of fatal and non-fatal accidents in workers ages in code no. 010904 fire resisting products (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 010904 fire resisting products (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 010904 fire resisting products (1999-2021)



Transition of fatal and non-fatal accidents in prefectures in code no. 010904 fire resisting products (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 010904 fire resisting products (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
4	temporary buildings, establishments	2	6	8	6	5	7	5	8	3	3	3	6	3	5	3	5	4	10	9	4	3	3	7	118	temporary buildings, establishments
3	other equipment	5	9	4	5	7	6	1	5	6	12	3	4	4	3	4	6	1	4	4	4	10	2	5	114	other equipment

2	crane, conveying machine	11	18	15	23	11	4	9	6	7	3	5	9	3	7	7	9	6	6	4	4	3	1	3	174	crane, conveying machine
9	others	1		1		1	2	2	2	1			2	2	1	2	4	1	1	1		9	2	2	37	others
1	machine	19	18	11	7	17	13	13	8	10	15	5	3	4	5	9	7	4	1	9	7	3	6	1	195	machine
5	substance, material	11	8	9	3		5	2	8	6	5	5	1	5	1	1	2	1	3	2	2	1	3	1	85	substance, material
7	environment	1	2					1		1			1		1			1	1		1			1	11	environment
6	load	1	1	3	3		1	1	3	2	2		1	1	3	2	1	1	1		3		1		31	load
	total	51	62	51	47	41	38	34	40	36	40	21	27	22	26	28	34	19	27	29	25	29	18	20	765	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 010904 fire resisting products (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	2	6	8	6	5	7	5	8	3	3	3	6	3	5	3	5	4	10	9	4	3	3	7	118	temporary buildings, establishments
37	tools	1	6	2	2	2	3	1	3	5	5		1	1	1	3	3		2	4	3	6	1	5	60	tools
22	conveying machine	9	18	9	14	9	4	7	4	6	3	4	6	3	5	5	8	6	5	3	3	1	1	2	135	conveying machine
92	no causal agent	1		1		1	2		2				1	2	1	2	3	1	1	1		7		2	28	no causal agent
52	materials	11	8	7	2		5	1	7	6	3	4	1	4	1	1	2	1	3	2	2	1	3	1	76	materials
15	metal manufacturing	1	3	3		1	1	2	2	2	3	1	1	1	2			1		2	1		1	1	29	metal manufacturing

	machine																									machine
21	crane	2		3	1			2	1	1		1	3		2	1				1	1	1		1	21	crane
71	natural environment	1	2					1		1			1		1			1	1		1			1	11	natural environment
16	general machine	13	12	7	7	15	9	10	6	5	11	4	2	2	3	8	5	1		4	5	3	4		136	general machine
61	load	1	1	3	3		1	1	3	2	2		1	1	3	2	1	1	1		3		1		31	load
36	human power machine, tools	1		1	3	4	3				4		1		2			1				2	1		23	human power machine, tools
12	power transmission mechanism	3	2	1			2	1			1			1		1	2	1	1	2	1				19	power transmission mechanism
23	vehicle			3	8	2			1							1	1		1			1			18	vehicle
39	other equipments, facilities	3		1		1				1	3		2	3		1	1				1	1			18	other equipments, facilities
34	kiln, caldron		2						2			3					2		2						11	kiln, caldron
13	woodworking machine	2				1	1			2								1		1			1		9	woodworking machine
51	hazards, harmful substances			2	1			1	1		2	1		1											9	hazards, harmful substances
91	other causal agent							2					1				1					2	2		8	other causal agent
																										construction

14	construction machine		1							1															2	machine
31	pressure vessel																					1			1	pressure vessel
33	welding equipment		1																						1	welding equipment
99	unclassifiable									1															1	unclassifiable
11	engine																									engine
17	mobile silviculture machine																									mobile silviculture machine
32	chemical facilities																									chemical facilities
35	electric equipment																									electric equipment
	total	51	62	51	47	41	38	34	40	36	40	21	27	22	26	28	34	19	27	29	25	29	18	20	765	total

Transition of fatal and non-fatal accidents in small causal agents in code no. 010904 fire resisting products (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			4		1		3	2	2	1	1	1	3	1	2	1	2	5	2	1	1		4	37	passage
371	ladder							1	3	2	2					1	1			1		3		4	18	ladder
921	no causal agent			1		1			2				1	2	1	2	3	1	1	1		7		2	25	no causal agent
224	conveyor			2		2		2	2		1	2	2	2	4	2	6	4	2	3	2		1	1	40	conveyor
379	other tools			2		1				3	3				1	2	2		2	3	3	2	1	1	26	other tools
529	other materials			4					1	5		1		2	1		1	1	2	1	1			1	21	other materials
211	crane			1				2	1	1		1	3		2	1				1	1	1		1	16	crane

413	stairs, landing stage								2	1	1	1	2		1			1	2	1	1		1	1	15	stairs, landing stage
419	other temporary buildings, establishments					1			2			1					1		1		2	1		1	10	other temporary buildings, establishments
221	truck			1						1	1				1		1							1	6	truck
715	high/cold temperature environment									1			1					1			1			1	5	high/cold temperature environment
152	drill press, milling machine					1				1														1	3	drill press, milling machine
415	roof, beam, haze, crossbeam, principal rafter					1														1				1	3	roof, beam, haze, crossbeam, principal rafter
169	other general power machines			5		10		5	4	5	9	2	1	2	1	5	2	1		2	5	1	3		63	other general power machines
222	forklift			3		5		5	1	3	1	1	3	1		2		1	2		1	1			30	forklift
162	mixer, grinder			1		4		3	2		2	2	1			2	2			1			1		21	mixer, grinder
611	load			3					3	2			1	1	3	2	1	1	1		2		1		21	load
521	metal material			2				1	4	1	1	2	1	1			1		1	1		1	2		19	metal material
418	building, establishment			3							1		2		2	1		1	2	2		1	2		17	building, establishment
391	other equipment, facilities			1		1				1	3		2	3		1	1				1	1			15	other equipment, facilities
154	power press			1				2	1		2	1	1	1	1			1			1		1		13	power press
	other powered																										other powered

229	conveying machines			3		2			1	2		1				1	1	1	1						13	conveying machines
121	power transmission mechanism			1				1			1			1		1	2	1	1	2	1				12	power transmission mechanism
231	cars, bus, motorcycle			3		2			1							1	1		1			1			10	cars, bus, motorcycle
362	human power hauling equipment			1		1					2		1		2							1	1		9	human power hauling equipment
416	working platform, boot board			1		1		1	1				1				1			3					9	working platform, boot board
911	other causal agent							2					1				1					2	2		8	other causal agent
364	hand tool					3					2							1				1			7	hand tool
164	injection molding machine			1											2	1				1		1			6	injection molding machine
341	kiln, caldron											3					2		1						6	kiln, caldron
523	stone, sand, substance			1					1		2	1									1				6	stone, sand, substance
153	grinding machine, buffing machine			1					1		1				1					1					5	grinding machine, buffing machine
131	circular sawing machine					1				1								1					1		4	circular sawing machine
372	slinging tool					1							1	1								1			4	slinging tool
411	scaffolding					1		1									2								4	scaffolding
519	other hazards, harmful substances			1					1		1	1													4	other hazards, harmful substances

522	lumber, bamboo								1					1		1							1		4	lumber, bamboo
612	machine/equipment as load							1			2										1				4	machine/equipment as load
163	roll machine (except printingroll machine)					1		1									1								3	roll machine (except printingroll machine)
342	industrial dryer								2										1						3	industrial dryer
514	harmful substance			1							1			1											3	harmful substance
719	other environments							1							1				1						3	other environments
139	other woodworking machines									1										1					2	other woodworking machines
159	other metal manufacturing machines			1						1															2	other metal manufacturing machines
167	industrial robot							1														1			2	industrial robot
414	opening								1						1										2	opening
149	other construction machines									1															1	other construction machines
151	lathe																			1					1	lathe
214	elevator, lift			1																					1	elevator, lift
219	other powered crane			1																					1	other powered crane
225	loader												1												1	loader
311	boiler																					1			1	boiler
513	inflammable gas							1																	1	inflammable gas

999	unclassifiable									1																1	unclassifiable
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
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
	forging pressure																										forging pressure

155	hammer																									hammer
156	shearing machine																									shearing machine
161	centrifugal machine																									centrifugal 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

226	straddle carrier																									straddle carrier
227	rough terrain hauler																									rough terrain hauler
232	railway vehicle																									railway vehicle
239	other vehicles																									other vehicles
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
339	other welding equipment																									other welding equipment
349	other kiln, caldron																									other kiln, caldron
351	transmission																									transmission
352	electric power facilities																									electric power facilities
359	other electrical equipment																									other electrical equipment
361	human power cranes																									human power cranes
363	human power machine																									human power machine
412	timbering																									timbering

511	explosive substance																									explosive substance
512	inflammable substance																									inflammable substance
515	radiation																									radiation
711	natural ground, rock																									natural ground, rock
712	standing tree																									standing tree
713	water																									water
714	abnormal environment																									abnormal environment
	total			51		41		34	40	36	40	21	27	22	26	28	34	19	27	29	25	29	18	20	567	total

Transition of fatal and non-fatal accidents in type of accidents in code no. 010904 fire resisting products (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	3	5	7	7	3	4	7	3	2	4	4	3	2	2	4	3	2	6	7	3	2	3	6	92	falling to same level
01	fall from height	5	6	2	5	5	9	2	10	2	3	2	3	2	4	4	4	1	4	5	3	5	2	5	93	fall from height
07	caught in/between	23	23	18	14	18	11	20	10	13	14	9	10	8	11	9	14	8	6	11	7	5	7	3	272	caught in/between
19	reaction to motion/improper motion	3	3	3	1	2	1		6	4	2	1	1	3	4	2	6	3	2	1	4	6		3	61	reaction to motion/improper motion
04	struck by flying or falling object	8	8	10	5	3	4	1	1	5	6	1	4	4	2	4	2		3	2	2	4	1	1	81	struck by flying or falling object

03	crash	2	3	5	2	5	3		5	2	2			1	1			1	1	2	2			1	38	crash
11	contact to high/low-temperature	1	3		2		1	1	1	2	2		1	1				1			1	1	1	1	20	contact to high/low-temperature
06	crashed by	4	4	1	1	1		2		1	1	2	4			2		1	1	1	2	1			29	crashed by
08	cut	1	2	2	2	3	3		1	1	3	1			1		1	2					1		24	cut
05	collapse		2	1		1	2		1	2	1			1		2	1		1		1		1		17	collapse
17	traffic accident (public road)			2	8					1							1		1			1			14	traffic accident (public road)
90	others							1								1	2		1			3	2		10	others
12	contact to harmful substance										2	1			1							1			5	contact to harmful substance
14	explosion		2						2										1						5	explosion
99	unclassifiable									1			1												2	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
15	burst																									burst
16	fire																									fire
18	traffic accident (others)																									traffic accident (others)
	total	51	62	51	47	41	38	34	40	36	40	21	27	22	26	28	34	19	27	29	25	29	18	20	765	total

Transition of fatal and non-fatal accidents in workers ages in code no. 010904 fire resisting products (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	9	10	11	9	8	5	7	2	5	10	2	2	5	5	4	9	2	6	8	5	7	2	6	139	40-49
3	30-39	8	11	9	8	9	7	6	17	9	8	7	5	3	4	7	8	5	5	5	3	7	5	5	161	30-39
6	60 years old or more	12	5	3	6	7	11	7	1	7	6	3	7	5	7	7	9	2	7	9	4	7	4	4	140	60 years old or more
5	50-59	12	25	22	16	13	7	9	17	10	10	5	10	4	4	5	4	6	4	3	10	4	5	3	208	50-59
2	20-29	9	9	5	7	3	6	5	3	5	4	4	3	4	6	4	3	4	4	4	3	4	2	2	103	20-29
1	19 years old or less	1	2	1	1	1	2				2			1		1	1		1						14	19 years old or less
	total	51	62	51	47	41	38	34	40	36	40	21	27	22	26	28	34	19	27	29	25	29	18	20	765	total

Transition of fatal and non-fatal accidents in workers scales in code no. 010904 fire resisting products (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	14	17	15	21	9	14	10	9	9	7	9	14	9	7	10	13	4	8	5	13	9	3	5	234	10-29
4	50-99	12	8	9	4	10	7	8	11	6	6	3	3	3	7	1	6	4	7	6	6	5	2	4	138	50-99
5	100-299	4	9	7	6	3	4	5	8	3	8	1	2	3	3	5	6	4	6	6	3	7	5	4	112	100-299
6	300 workers or more	3	7	3	4	6	1	2	2	4	4	5	1	2	3	2	1	3	2	2		2	1	3	63	300 workers or more
3	30-49	10	9	12	10	4	7	6	9	6	8	1	4	4	4	8	7	4	2	4	2	2	5	2	130	30-49
1	9 workers or less	8	12	5	2	9	5	3	1	8	7	2	3	1	2	2	1		2	6	1	4	2	2	88	9 workers or less
	total	51	62	51	47	41	38	34	40	36	40	21	27	22	26	28	34	19	27	29	25	29	18	20	765	total

Transition of fatal and non-fatal accidents in months in code no. 010904 fire resisting products (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
12	December	2	5	3	1	2	4	4	3	2	5	1	3	1	1	1	2	2	3	1	2		4	4	56	December
3	March	6	6	5	6	6	6	5	3	8	7	2		3	3	1	4		1	2		4	1	3	82	March
11	November	1	1	4	3	3	3	3	2	4	5	1	3	3	4	4		2	2	2	3	3	3	3	62	November
7	July	6	5	3	12	4	2	2	3	2	3		4	3	5	1	7	1	3	1	7	5		2	81	July
1	January	7	7	7	3	1	2	2	7	2	2	2	2	1	3	1	3	2	2	2	3	1		2	64	January
8	August	4	9	5	3	5	1	4	2	3	1		3	3	1	5	4	1	1	2	2		2	2	63	August
10	October	7	2	7	2	7	5	2	5	3	3	9	1		3	4	2	1	2	5		2		1	73	October
4	April	9	2	1	5	1	3	4	3	1	3	1	1	2	1	3	3	2	3	4	1	3	2	1	59	April
9	September	1	6	2		2	4	2	4	6	2	1	2	3		5	3	1	2	2	2	3		1	54	September
5	May	4	2	4	4	4	3	1	2	1	2	2	2	1			1	1	1	2	1	1	3	1	43	May
2	February	1	6	5	5	5	1	3	3	2	5	1	3	1	4	1	3	3	2	1	3	6	2		66	February
6	June	3	11	5	3	1	4	2	3	2	2	1	3	1	1	2	2	3	5	5	1	1	1		62	June
	total	51	62	51	47	41	38	34	40	36	40	21	27	22	26	28	34	19	27	29	25	29	18	20	765	total

Transition of fatal and non-fatal accidents in prefectures in code no. 010904 fire resisting products (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
33	Okayama	9	12	7		3		9	1	8	8	1	5	3	4	5	9	4	7	7	4	7	4	6	123	Okayama
21	Gifu	6	4	8		9		9	10	8	7	2	3	3	4	5	5	3	4	3	5	6		4	108	Gifu
40	Fukuoka	6	5	1		7		4	4	3	4	2	4	2	3	2	4	3	2	1	2	1		3	63	Fukuoka
28	Hyogo	8	6	5		2		1	2		2	2		4	3	1	1	2	3	1	2	3		2	50	Hyogo
23	Aichi	4	9	4		8		2	5	3	2	2	7	2	3	4	1	2	4	3	2	5	6	1	79	Aichi
17	Ishikawa		2	2					2		2		1	2		2	2	1	1	4	2	1	2	1	27	Ishikawa
22	Shizuoka		1	1				1	1	3	2	1	1	1	2				1	3	2	2	1	1	24	Shizuoka

24	Mie	2	1	3		2				3	2	1					1	1					2	1	19	Mie
11	Saitama		1			4															1	1		1	8	Saitama
34	Hiroshima	1	2	1				2			2	5	2	1	3	4	1	1	2	1	2		1		31	Hiroshima
27	Osaka	3		1		1			7		1	1		2	1	1	3	1		1					23	Osaka
12	Chiba	2	5	4		1		1	1		1						1		1	1		1			19	Chiba
1	Hokkaido		2	1							4	1						1		1	1	1			12	Hokkaido
44	Oita	2	2	1		1													1	1	1				9	Oita
15	Niigata		1								1	1	1	1		2	1								8	Niigata
13	Tokyo	1							1	1			1		2		1								7	Tokyo
7	Fukushima			1				2		2												1			6	Fukushima
8	Ibaraki		1					1		1							2			1					6	Ibaraki
5	Akita		2	1									1								1				5	Akita
32	Shimane	1	1	1					1	1															5	Shimane
37	Kagawa	1	1					1					1				1								5	Kagawa
42	Nagasaki			1					3					1											5	Nagasaki
4	Miyagi		1	1				1												1					4	Miyagi
30	Wakayama	1									1					1							1		4	Wakayama
14	Kanagawa					1				1													1		3	Kanagawa
29	Nara	1							1			1													3	Nara
46	Kagoshima								1	1					1										3	Kagoshima
2	Aomori															1	1								2	Aomori
3	Iwate	2																							2	Iwate
10	Gunma			1															1						2	Gunma

18	Fukui					1					1															2	Fukui
20	Nagano		1	1																						2	Nagano
25	Shiga			2																						2	Shiga
35	Yamaguchi		1							1																2	Yamaguchi
39	Kochi			2																						2	Kochi
41	Saga		1									1														2	Saga
6	Yamagata			1																						1	Yamagata
36	Tokushima					1																				1	Tokushima
43	Kumamoto	1																								1	Kumamoto
9	Tochigi																										Tochigi
16	Toyama																										Toyama
19	Yamanashi																										Yamanashi
26	Kyoto																										Kyoto
31	Tottori																										Tottori
38	Ehime																										Ehime
45	Miyazaki																										Miyazaki
47	Okinawa																										Okinawa
	total	51	62	51		41		34	40	36	40	21	27	22	26	28	34	19	27	29	25	29	18	20	680		total

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

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