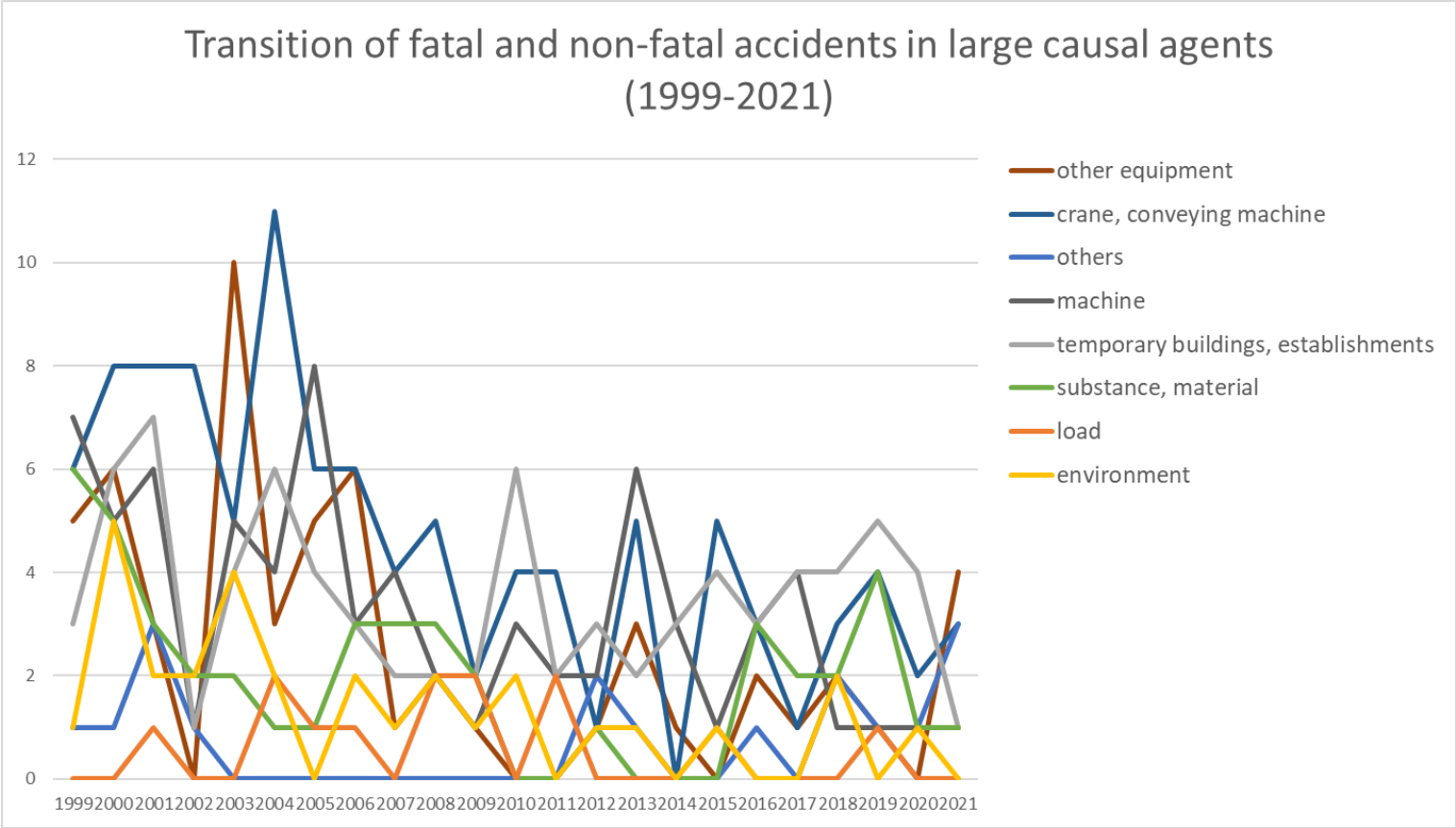
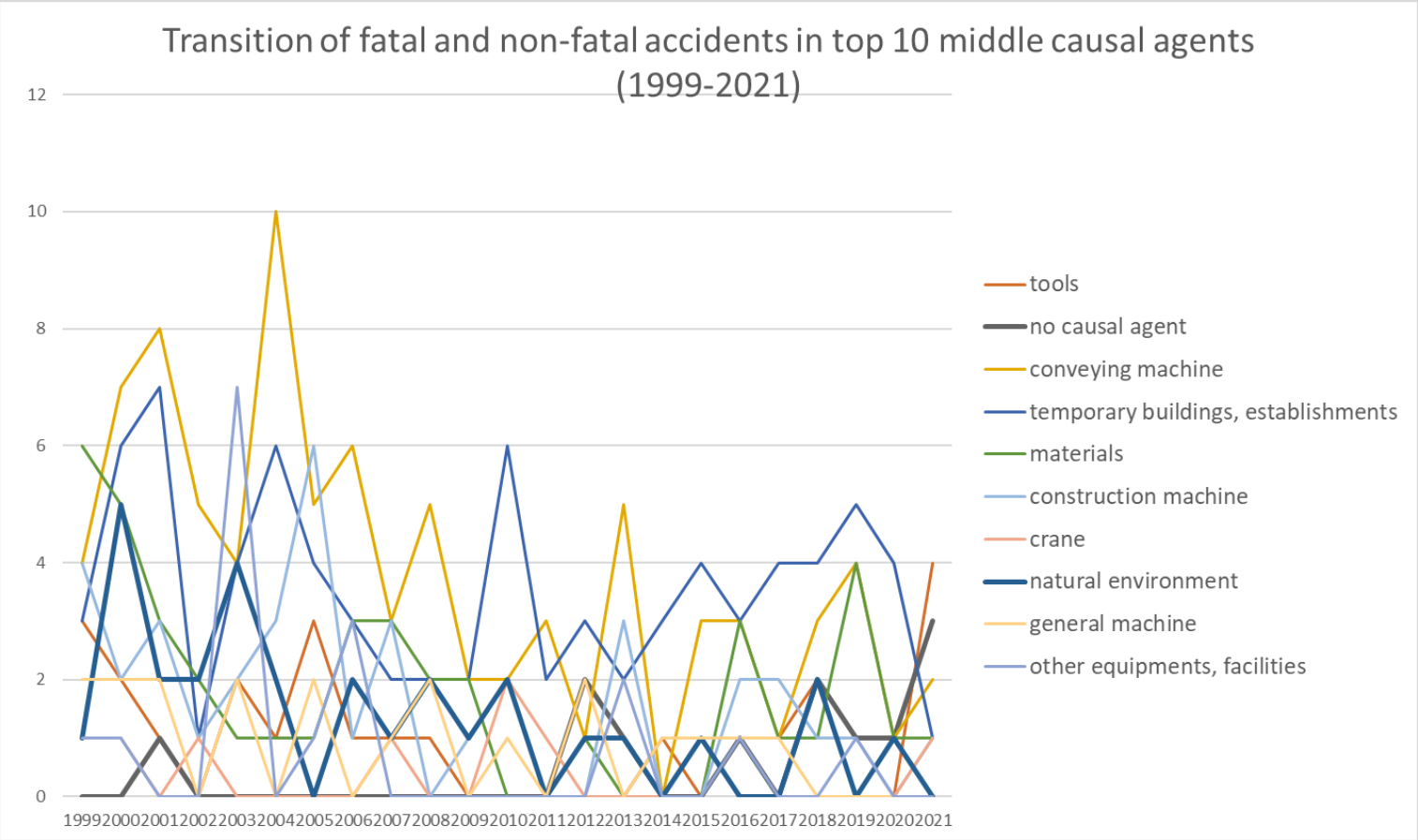
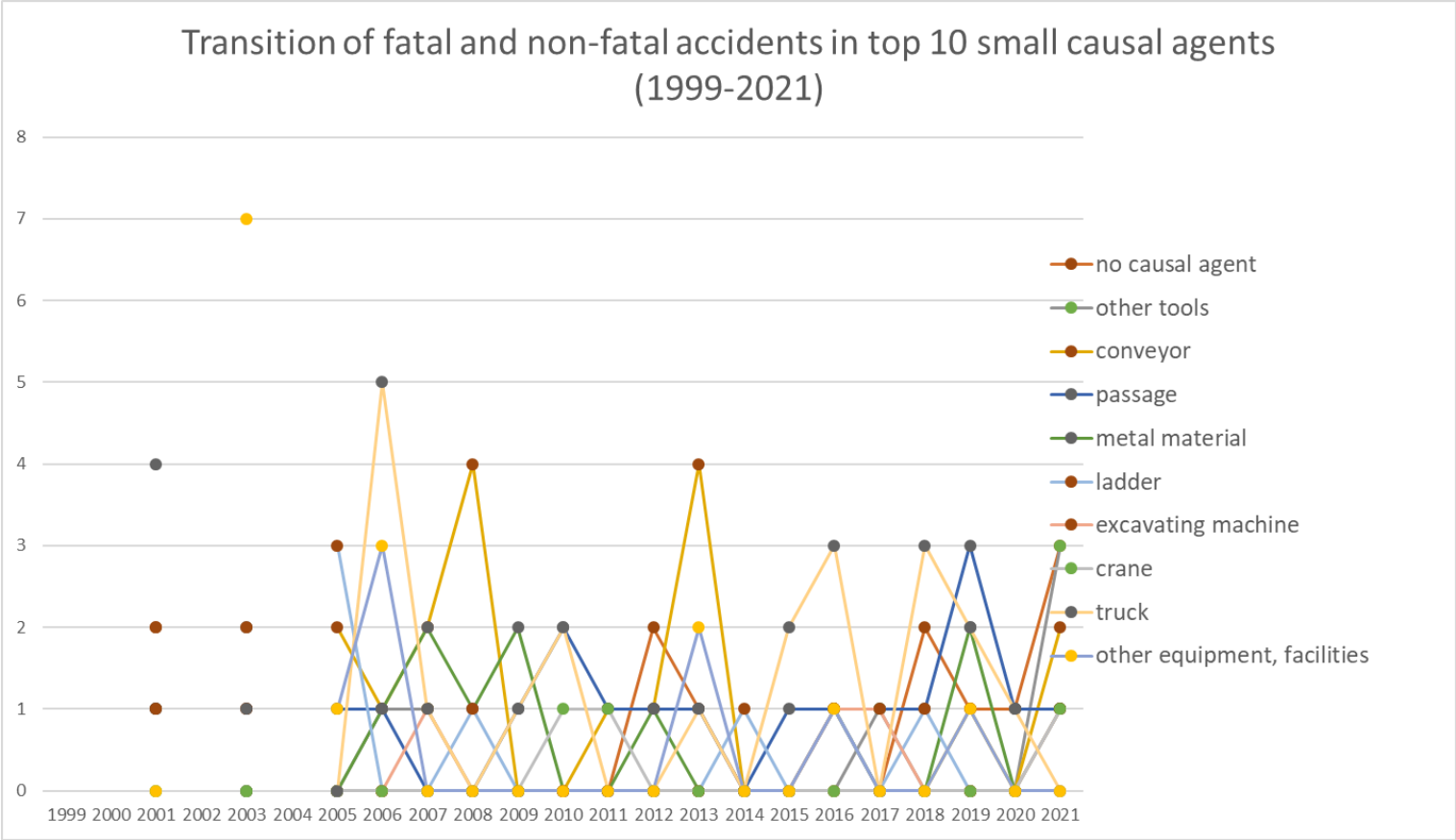
Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 0203 other mining (1999-2021)



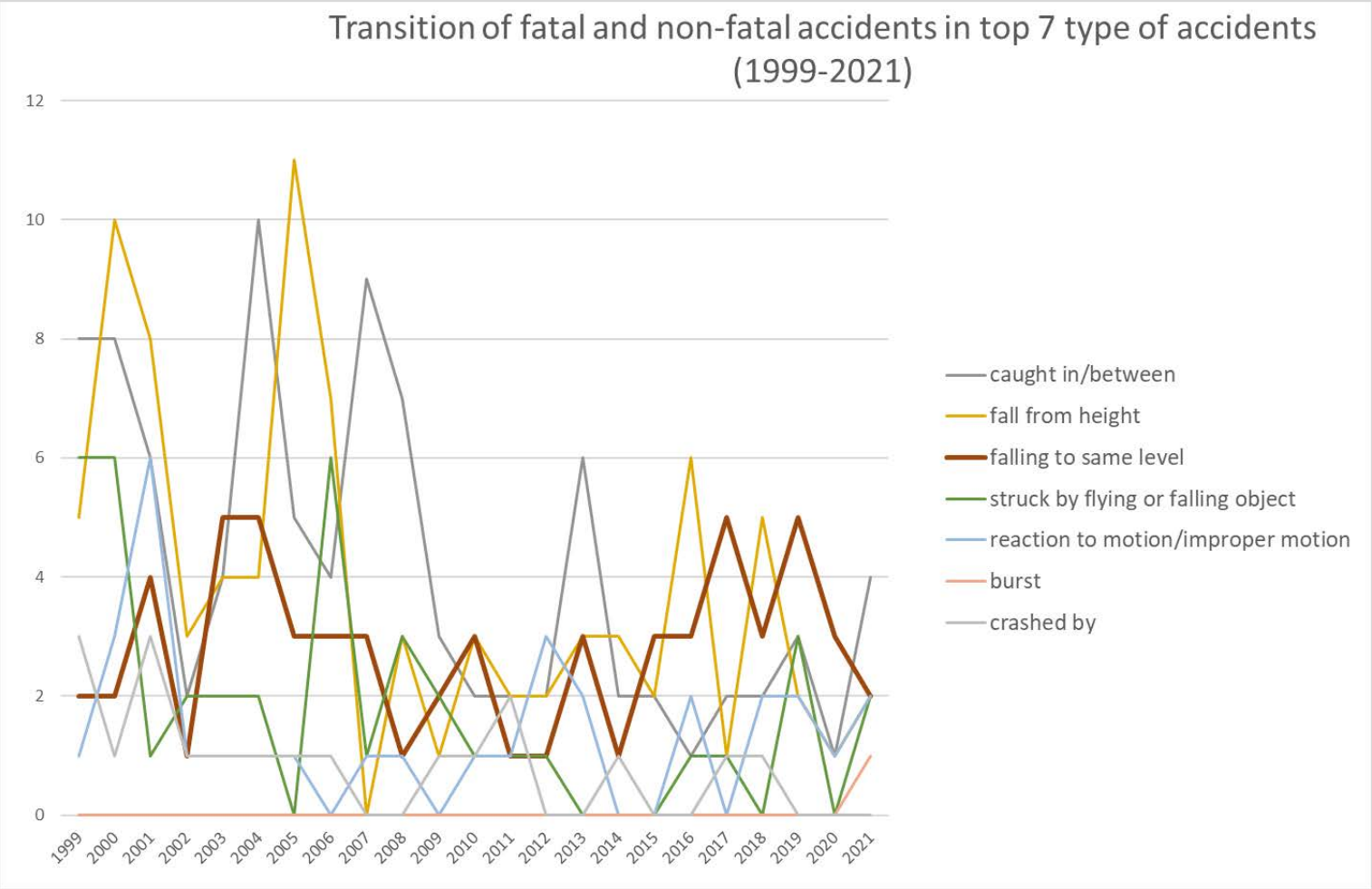
Transition of fatal and non-fatal accidents in large causal agents in code no. 0203 other mining (1999-2021)



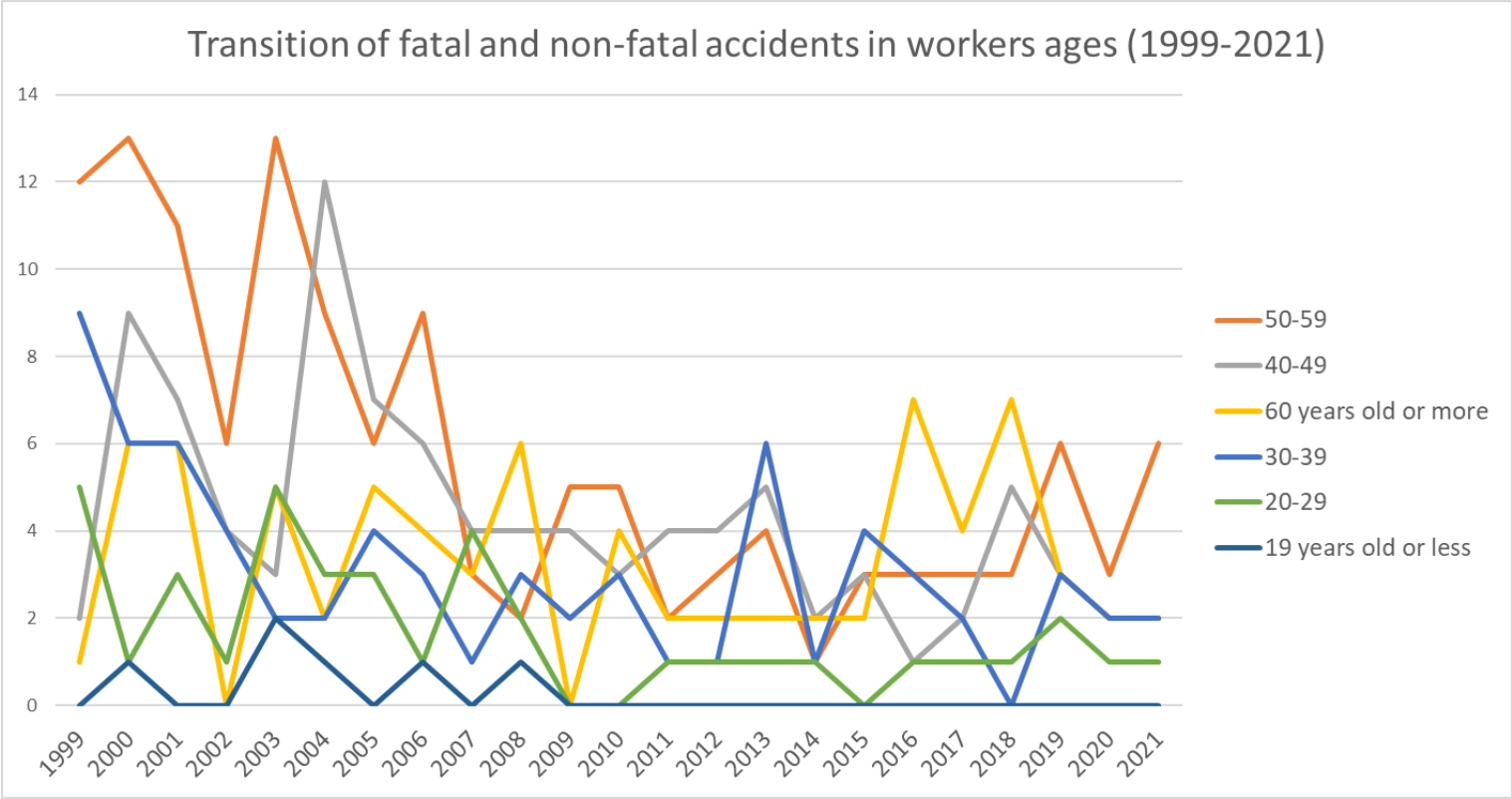
Transition of fatal and non-fatal accidents in middle causal agents in code no. 0203 other mining (1999-2021)



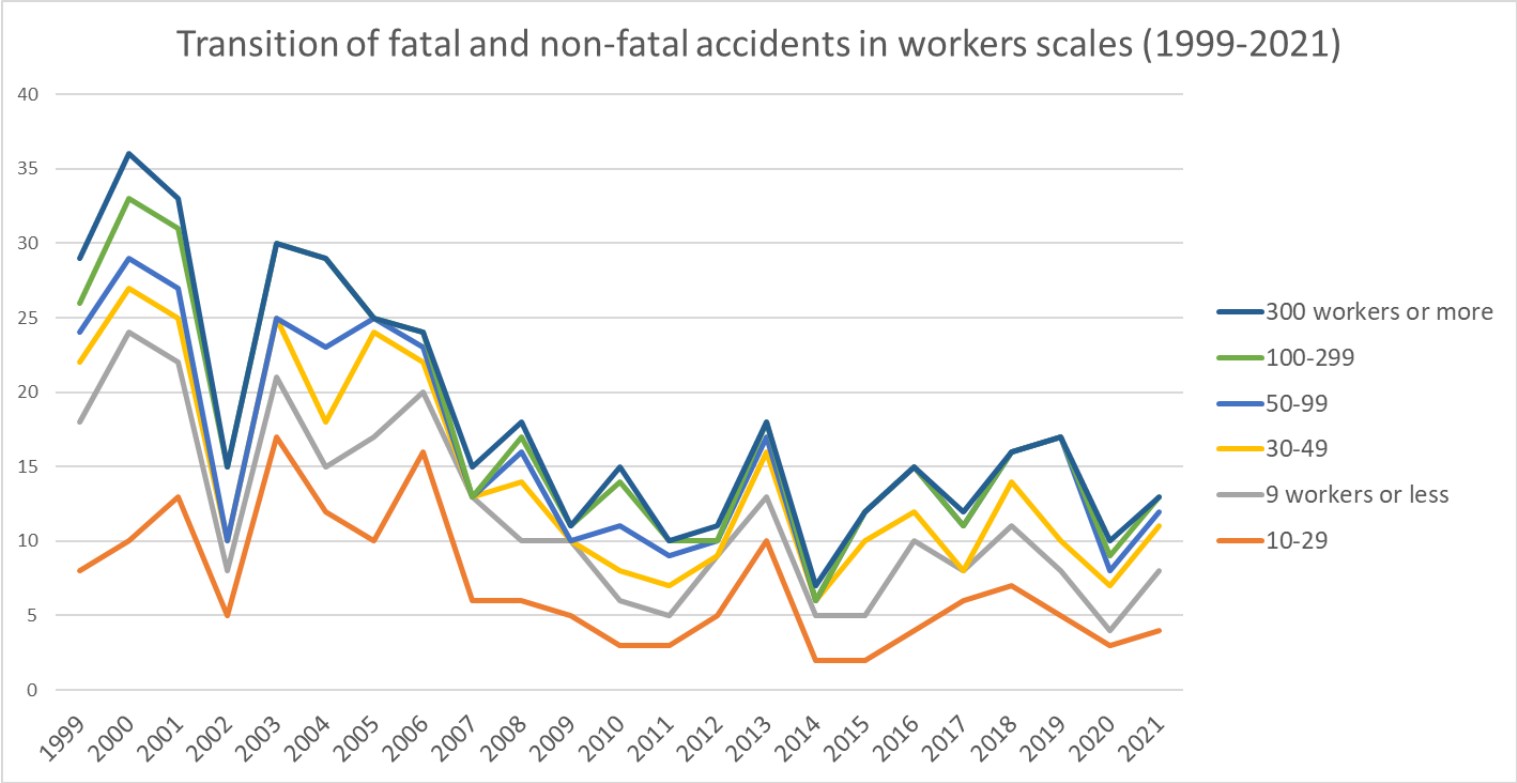
Transition of fatal and non-fatal accidents in small causal agents in code no. 0203 other mining (1999-2021)



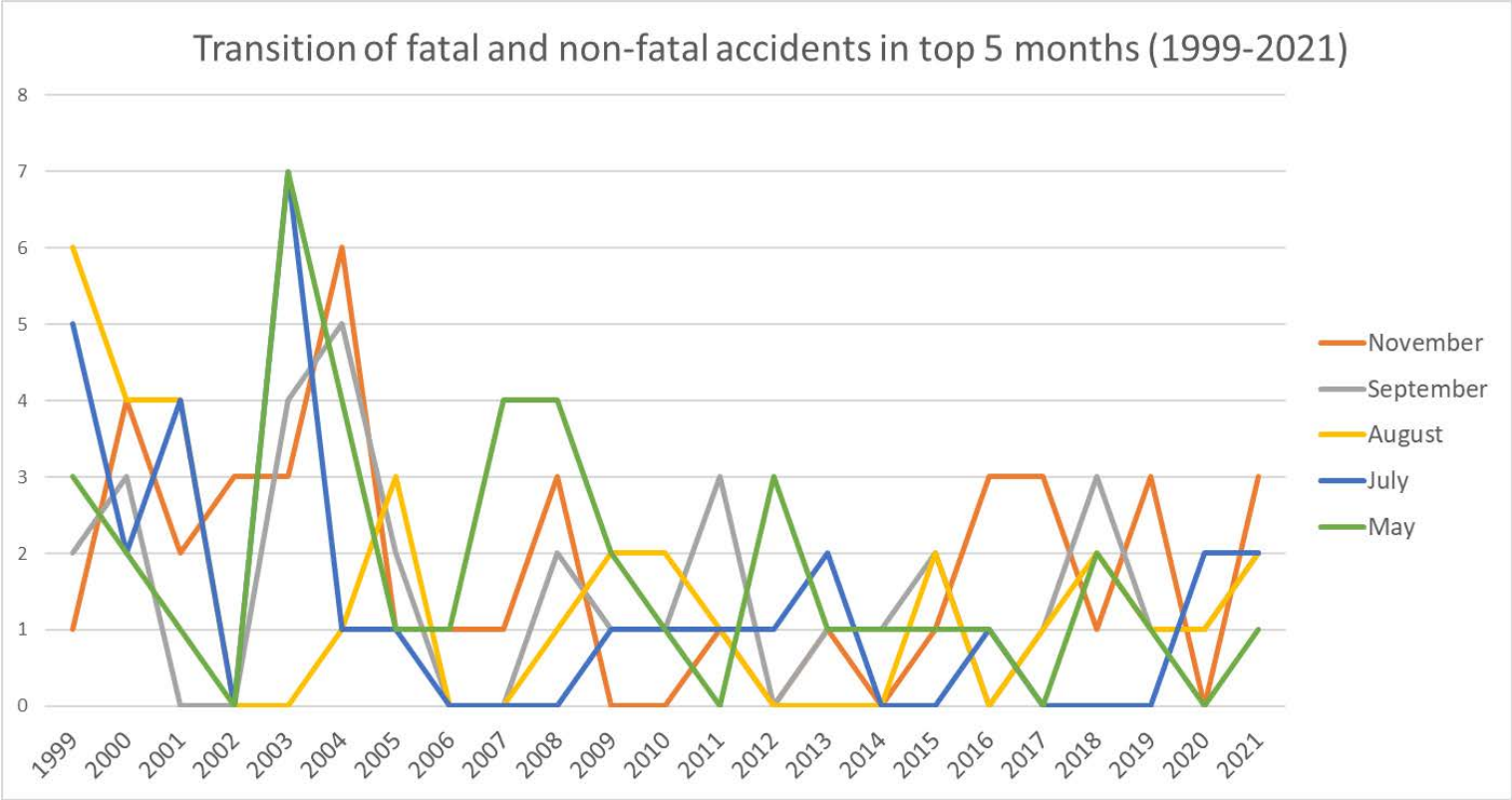
Transition of fatal and non-fatal accidents in type of accidents in code no. 0203 other mining (1999-2021)



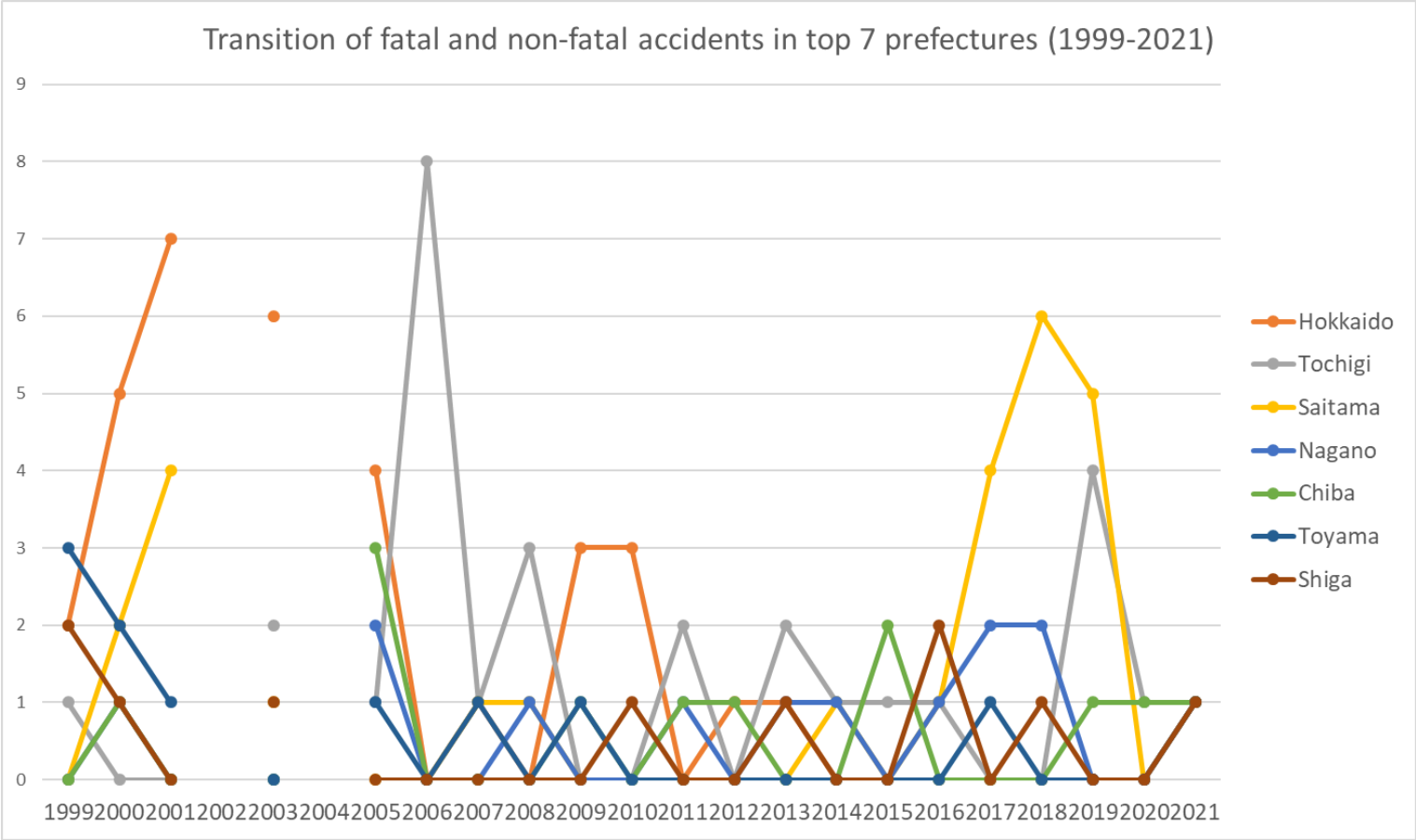
Transition of fatal and non-fatal accidents in workers ages in code no. 0203 other mining (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 0203 other mining (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 0203 other mining (1999-2021)



Transition of fatal and non-fatal accidents in prefectures in code no. 0203 other mining (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 0203 other mining (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	5	6	3		10	3	5	6	1	2	1			1	3	1		2	1	2	1		4	57	other equipment
2	crane, conveying machine	6	8	8	8	5	11	6	6	4	5	2	4	4	1	5		5	3	1	3	4	2	3	104	crane, conveying machine

9	others	1	1	3	1										2	1			1		2	1	1	3	17	others
1	machine	7	5	6	1	5	4	8	3	4	2	1	3	2	2	6	3	1	3	4	1	1	1	1	74	machine
4	temporary buildings, establishments	3	6	7	1	4	6	4	3	2	2	2	6	2	3	2	3	4	3	4	4	5	4	1	81	temporary buildings, establishments
5	substance, material	6	5	3	2	2	1	1	3	3	3	2			1				3	2	2	4	1	1	45	substance, material
6	load			1			2	1	1		2	2		2				1				1			13	load
7	environment	1	5	2	2	4	2		2	1	2	1	2		1	1		1			2		1		30	environment
	total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	421	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 0203 other mining (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
37	tools	3	2	1		2	1	3	1	1	1						1		1	1	2			4	24	tools
92	no causal agent			1											2	1			1		2	1	1	3	12	no causal agent
22	conveying machine	4	7	8	5	4	10	5	6	3	5	2	2	3	1	5		3	3	1	3	4	1	2	87	conveying machine
41	temporary buildings, establishments	3	6	7	1	4	6	4	3	2	2	2	6	2	3	2	3	4	3	4	4	5	4	1	81	temporary buildings, establishments
52	materials	6	5	3	2	1	1	1	3	3	2	2			1				3	1	1	4	1	1	41	materials
14	construction machine	4	2	3	1	2	3	6	1	3		1	2			3			2	2	1	1		1	38	construction machine

21	crane	1	1		1					1			2	1				1						1	9	crane
71	natural environment	1	5	2	2	4	2		2	1	2	1	2		1	1		1			2		1		30	natural environment
16	general machine	2	2	2		2		2		1	2		1		2		1	1	1	1					20	general machine
39	other equipments, facilities	1	1			7		1	3							2			1			1			17	other equipments, facilities
61	load			1			2	1	1		2	2		2				1				1			13	load
36	human power machine, tools	1	2	2		1		1	2		1	1				1									12	human power machine, tools
15	metal manufacturing machine	1					1		1					1		2	1						1		8	metal manufacturing machine
23	vehicle	1			2	1	1	1										1					1		8	vehicle
12	power transmission mechanism		1	1										1		1	1			1					6	power transmission mechanism
51	hazards, harmful substances					1					1									1	1				4	hazards, harmful substances
91	other causal agent	1		2	1																				4	other causal agent
35	electric equipment		1				1								1										3	electric equipment

11	engine								1																	1	engine
13	woodworking machine					1																				1	woodworking machine
34	kiln, caldron						1																			1	kiln, caldron
99	unclassifiable		1																							1	unclassifiable
17	mobile silviculture machine																										mobile silviculture machine
31	pressure vessel																										pressure vessel
32	chemical facilities																										chemical facilities
33	welding equipment																										welding equipment
	total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	421		total

Transition of fatal and non-fatal accidents in small causal agents in code no. 0203 other mining (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
921	no causal agent			1											2	1			1		2	1	1	3	12	no causal agent
379	other tools								1	1										1				3	6	other tools
224	conveyor			2		1		2	1	2	4			1	1	4						1		2	21	conveyor
417	passage			1		2		1	1			1	2	1	1	1		1	1	1	1	3	1	1	20	passage
521	metal material			1					1	2	1	2			1				1			2		1	12	metal material
371	ladder			1		1		3			1						1		1		1			1	10	ladder
142	excavating machine			2		2				1									1	1				1	8	excavating machine

211	crane												1	1										1	3	crane
221	truck			4		1			5	1		1	2			1		2	3		3	2	1		26	truck
391	other equipment, facilities					7		1	3							2			1			1			15	other equipment, facilities
418	building, establishment			1		1		1		1			2	1	1	1	1	2	1		1	1			15	building, establishment
413	stairs, landing stage			2				2	1		1	1	1		1		1	1		1					12	stairs, landing stage
416	working platform, boot board			2		1				1									1	2	2		2		11	working platform, boot board
141	leveling, transporting or loading machine							4	1	1			2			1			1						10	leveling, transporting or loading machine
169	other general power machines			1		1		1		1	1		1		1		1	1		1					10	other general power machines
523	stone, sand, substance			1				1	1		1								2	1		2	1		10	stone, sand, substance
711	natural ground, rock			1		3			1		1	1	1			1							1		10	natural ground, rock
611	load			1				1			2	1		2				1				1			9	load
222	forklift			1		1		1			1	1						1		1					7	forklift
364	hand tool			2		1			2			1				1									7	hand tool
149	other construction machines							1				1				2					1	1			6	other construction machines
162	mixer, grinder			1		1		1			1				1				1						6	mixer, grinder
	power transmission																									power transmission

121	mechanism			1										1		1	1			1					5	mechanism
159	other metal manufacturing machines								1							1	1						1		4	other metal manufacturing machines
529	other materials			1		1			1												1				4	other materials
712	standing tree								1		1		1								1				4	standing tree
719	other environments					1				1					1						1				4	other environments
223	railway equipment					1		1														1			3	railway equipment
231	cars, bus, motorcycle					1		1										1							3	cars, bus, motorcycle
419	other temporary buildings, establishments												1				1					1			3	other temporary buildings, establishments
143	foundation work machine			1				1																	2	foundation work machine
145	demolition machine									1										1					2	demolition machine
212	mobile crane									1								1							2	mobile crane
225	loader							1						1											2	loader
229	other powered conveying machines			1										1											2	other powered conveying machines
372	slinging tool					1															1				2	slinging tool
414	opening			1					1																2	opening
519	other hazards, harmful substances										1										1				2	other hazards, harmful substances

612	machine/equipment as load								1			1														2	machine/equipment as load
715	high/cold temperature environment			1														1								2	high/cold temperature environment
911	other causal agent			2																						2	other causal agent
111	engine								1																	1	engine
131	circular sawing machine					1																				1	circular sawing machine
153	grinding machine, buffing machine															1										1	grinding machine, buffing machine
156	shearing machine													1												1	shearing machine
219	other powered crane												1													1	other powered crane
239	other vehicles																							1		1	other vehicles
352	electric power facilities														1											1	electric power facilities
362	human power hauling equipment							1																		1	human power hauling equipment
363	human power machine										1															1	human power machine
411	scaffolding										1															1	scaffolding
415	roof, beam, haze, crossbeam, principal rafter																							1		1	roof, beam, haze, crossbeam, principal rafter

512	inflammable substance					1																				1	inflammable substance
514	harmful substance																			1						1	harmful substance
522	lumber, bamboo									1																1	lumber, bamboo
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
144	hardening machine																										hardening machine
146	vehicle for high lift work																										vehicle for high lift work
151	lathe																										lathe
152	drill press, milling machine																										drill press, milling machine
154	power press																										power press

155	forging pressure hammer																									forging pressure hammer
161	centrifugal machine																									centrifugal machine
163	roll machine (except printingroll machine)																									roll machine (except printingroll machine)
164	injection molding machine																									injection molding machine
165	food manufacturing machine																									food manufacturing machine
166	printing machine																									printing 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
213	derrick crane																									derrick crane
214	elevator, lift																									elevator, lift
215	cargo lifting appliance																									cargo lifting appliance
216	gondola																									gondola
	lumberyard																									lumberyard

217	equipment, logging cableway																									equipment, logging cableway
218	simple skyline yarding equipment																									simple skyline yarding equipment
226	straddle carrier																									straddle carrier
227	rough terrain hauler																									rough terrain hauler
232	railway vehicle																									railway vehicle
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
339	other welding equipment																									other welding equipment
341	kiln, caldron																									kiln, caldron
342	industrial dryer																									industrial dryer
349	other kiln, caldron																									other kiln, caldron
351	transmission																									transmission
359	other electrical equipment																									other electrical equipment

361	human power cranes																									human power cranes
412	timbering																									timbering
511	explosive substance																									explosive substance
513	inflammable gas																									inflammable gas
515	radiation																									radiation
713	water																									water
714	abnormal environment																									abnormal environment
999	unclassifiable																									unclassifiable
	total			33		30		25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	312	total

Transition of fatal and non-fatal accidents in type of accidents in code no. 0203 other mining (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	8	8	6	2	4	10	5	4	9	7	3	2	2	2	6	2	2	1	2	2	3	1	4	95	caught in/between
01	fall from height	5	10	8	3	4	4	11	7		3	1	3	2	2	3	3	2	6	1	5	2	1	2	88	fall from height
02	falling to same level	2	2	4	1	5	5	3	3	3	1	2	3	1	1	3	1	3	3	5	3	5	3	2	64	falling to same level
04	struck by flying or falling object	6	6	1	2	2	2		6	1	3	2	1	1	1				1	1		3		2	41	struck by flying or falling object
19	reaction to motion/improper motion	1	3	6	1	1	1	1		1	1		1	1	3	2			2		2	2	1	2	32	reaction to motion/improper motion
15	burst																							1	1	burst

06	crashed by	3	1	3	1	1	1	1	1			1	1	2			1			1	1				19	crashed by
03	crash	1	2	1	1	1	1	1	1				1	1		1		1				1	2		16	crash
11	contact to high/low-temperature	2	1	2	1	2	2	1	1		1							1		1					15	contact to high/low-temperature
05	collapse		1	1		2		1		1	1		1		1			1	1			1	2		14	collapse
17	traffic accident (public road)		1	1	2		1	1				1	1			1		2	1		1				13	traffic accident (public road)
08	cut	1				1	1		1			1			1	2					1				9	cut
16	fire					5																			5	fire
12	contact to harmful substance										1									1	1				3	contact to harmful substance
14	explosion					2							1												3	explosion
10	drown						1																		1	drown
90	others				1																				1	others
99	unclassifiable		1																						1	unclassifiable
09	injury to the sole of the foot																									injury to the sole of the foot
13	electric shock																									electric shock
18	traffic accident (others)																									traffic accident (others)
	total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	421	total

Transition of fatal and non-fatal accidents in workers ages in code no. 0203 other mining (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	12	13	11	6	13	9	6	9	3	2	5	5	2	3	4	1	3	3	3	3	6	3	6	131	50-59
4	40-49	2	9	7	4	3	12	7	6	4	4	4	3	4	4	5	2	3	1	2	5	3	2	2	98	40-49
6	60 years old or more	1	6	6		5	2	5	4	3	6		4	2	2	2	2	2	7	4	7	3	2	2	77	60 years old or more
3	30-39	9	6	6	4	2	2	4	3	1	3	2	3	1	1	6	1	4	3	2		3	2	2	70	30-39
2	20-29	5	1	3	1	5	3	3	1	4	2			1	1	1	1		1	1	1	2	1	1	39	20-29
1	19 years old or less		1			2	1		1		1														6	19 years old or less
	total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	421	total

Transition of fatal and non-fatal accidents in workers scales in code no. 0203 other mining (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	8	10	13	5	17	12	10	16	6	6	5	3	3	5	10	2	2	4	6	7	5	3	4	162	10-29
1	9 workers or less	10	14	9	3	4	3	7	4	7	4	5	3	2	4	3	3	3	6	2	4	3	1	4	108	9 workers or less
3	30-49	4	3	3	2	4	3	7	2		4		2	2		3	1	5	2		3	2	3	3	58	30-49
4	50-99	2	2	2			5	1	1		2		3	2	1	1		2	3	3	2	7	1	1	41	50-99
5	100-299	2	4	4	5	5	6		1		1	1	3	1		1							1	1	36	100-299
6	300 workers or more	3	3	2						2	1		1		1		1			1			1		16	300 workers or more
	total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	421	total

Transition of fatal and non-fatal accidents in months in code no. 0203 other mining (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

11	November	1	4	2	3	3	6	1	1	1	3			1		1		1	3	3	1	3		3	41	November
9	September	2	3			4	5	2			2	1	1	3		1	1	2		1	3	1	1	2	35	September
8	August	6	4	4			1	3			1	2	2	1				2		1	2	1	1	2	33	August
7	July	5	2	4		7	1	1				1	1	1	1	2			1				2	2	31	July
5	May	3	2	1		7	4	1	1	4	4	2	1		3	1	1	1	1		2	1		1	41	May
12	December	2	3	4	1	1		1	3	4	2	1	2	1	2	1	1	1	1	5	2	1	1	1	41	December
10	October	1	5	4	2		2	3	2	1	2				2	4		2			2	1	2	1	36	October
3	March	3	1	3	3			5	3	1	1		3	1		1	2		1		1	4		1	34	March
1	January		2	2	2	1	6	4	3	4	2		2		1	4		1	2		1	2	1		40	January
2	February	3	4	1	2	2	1		6			2	1	2	1	3	1				1	1	2		33	February
4	April	1	2	4	1	4	3	2	3		1	2	1		1		1		4	1		1			32	April
6	June	2	4	4	1	1		2	2				1					2	2	1	1	1			24	June
	total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	421	total

Transition of fatal and non-fatal accidents in prefectures in code no. 0203 other mining (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
1	Hokkaido	2	5	7		6		4		1		3	3		1	1								1	34	Hokkaido
9	Tochigi	1				2		1	8	1	3			2		2	1	1	1			4	1	1	29	Tochigi
11	Saitama		2	4		1				1	1						1		1	4	6	5		1	27	Saitama
20	Nagano		1					2			1			1		1	1		1	2	2			1	13	Nagano
12	Chiba		1					3				1		1	1			2				1	1	1	12	Chiba
16	Toyama	3	2	1				1		1		1								1				1	11	Toyama
25	Shiga	2	1			1							1			1			2		1			1	10	Shiga
39	Kochi	2		1		1					1	1	1					1					1	1	10	Kochi

2	Aomori			1					2			1			1						1		1	1	8	Aomori
13	Tokyo	1	1																1			1		1	5	Tokyo
34	Hiroshima			2							1							1						1	5	Hiroshima
4	Miyagi														1				1		1			1	4	Miyagi
17	Ishikawa			1				1																1	3	Ishikawa
21	Gifu	6	4	1		3		2	2	2	2		2		2	1	1	2	1	1			1		33	Gifu
23	Aichi		2	1		2		1	1				3	2	2	1				1	1	1	2		20	Aichi
15	Niigata	1		1		5				1	2		1			3	1			1					16	Niigata
26	Kyoto	1				1		5	1		3	1				1			1						14	Kyoto
7	Fukushima	4	1								1				1						2	1	1		11	Fukushima
24	Mie		2	1				1	3						1	1						1	1		11	Mie
44	Oita	1	3	1				1		1									1				1		9	Oita
45	Miyazaki		1	3		1		1	1										1			1			9	Miyazaki
3	Iwate	2	1			1						2						2							8	Iwate
33	Okayama	1	1			1			1					1		1	1	1							8	Okayama
10	Gunma			2		3			1	1															7	Gunma
28	Hyogo		1	1					1					1		1					1	1			7	Hyogo
43	Kumamoto	1	1	1				1											2			1			7	Kumamoto
6	Yamagata	1	1					1						1		1				1					6	Yamagata
22	Shizuoka		2							1	2									1					6	Shizuoka
36	Tokushima		1	1					1									1	1						5	Tokushima
47	Okinawa			1					1	2			1												5	Okinawa
8	Ibaraki												1			2		1							4	Ibaraki

18	Fukui		1							2						1										4	Fukui
35	Yamaguchi					1								1	1		1									4	Yamaguchi
46	Kagoshima					1							2						1							4	Kagoshima
5	Akita			1						1																2	Akita
40	Fukuoka			1								1														2	Fukuoka
41	Saga								1												1					2	Saga
27	Osaka		1																							1	Osaka
42	Nagasaki										1															1	Nagasaki
14	Kanagawa																										Kanagawa
19	Yamanashi																										Yamanashi
29	Nara																										Nara
30	Wakayama																										Wakayama
31	Tottori																										Tottori
32	Shimane																										Shimane
37	Kagawa																										Kagawa
38	Ehime																										Ehime
	total	29	36	33		30		25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	377		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