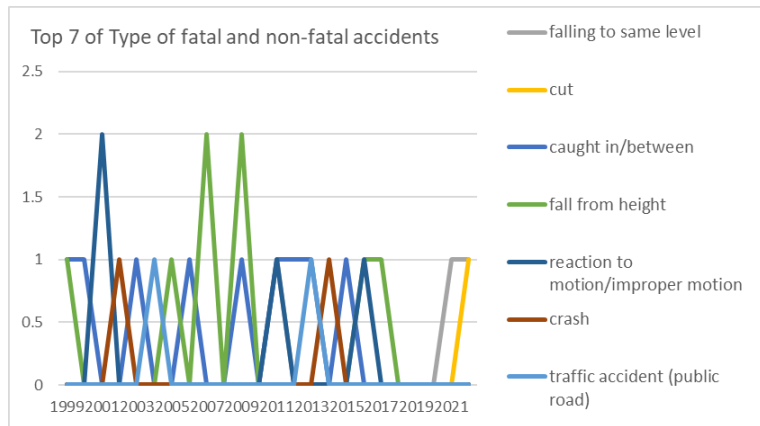
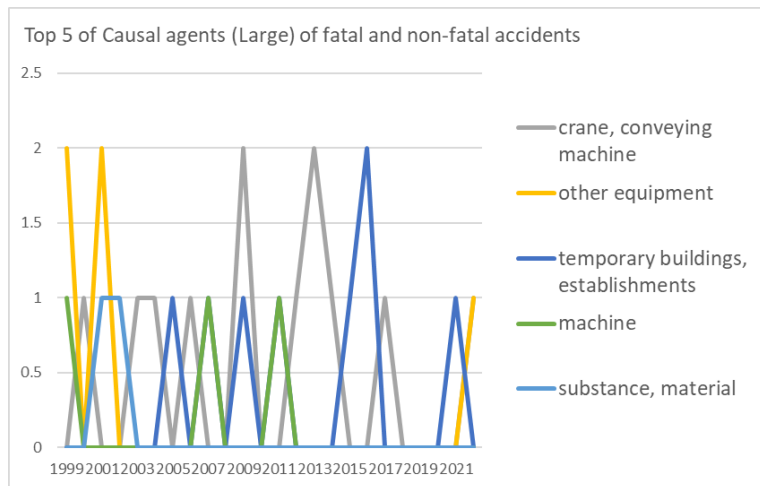


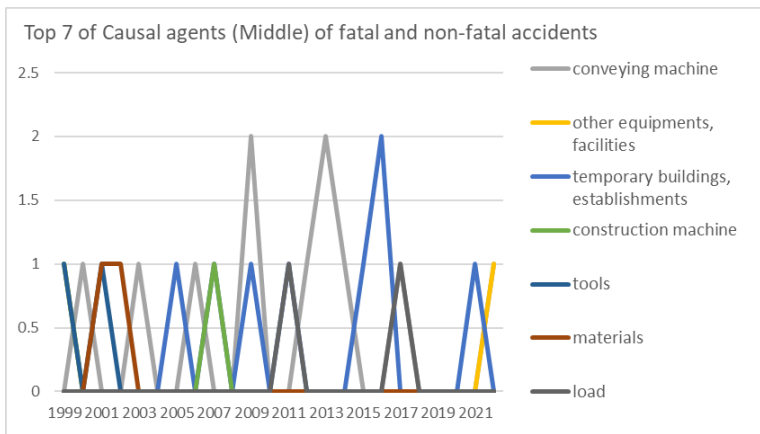
Transition of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)



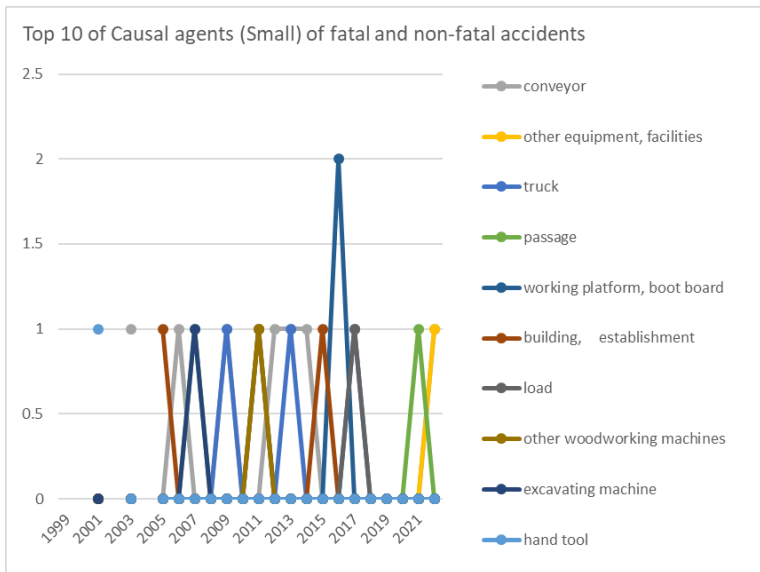
Transition of Top 7 of Type of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)



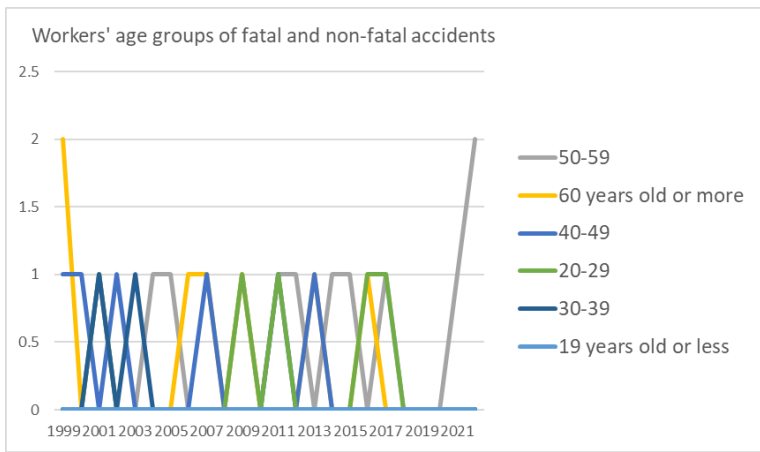
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)



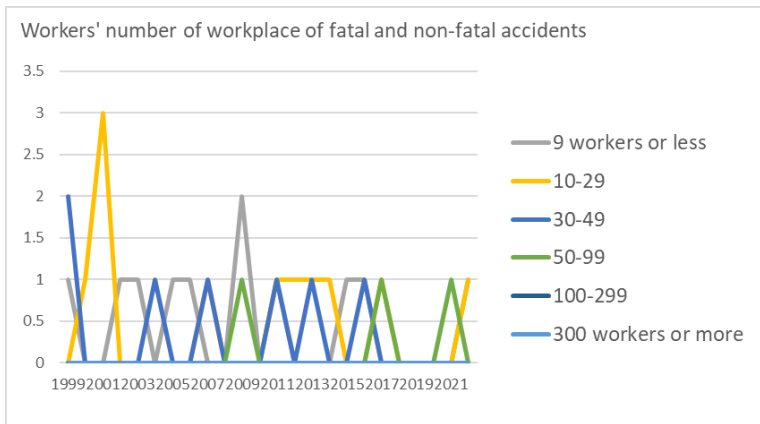
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)



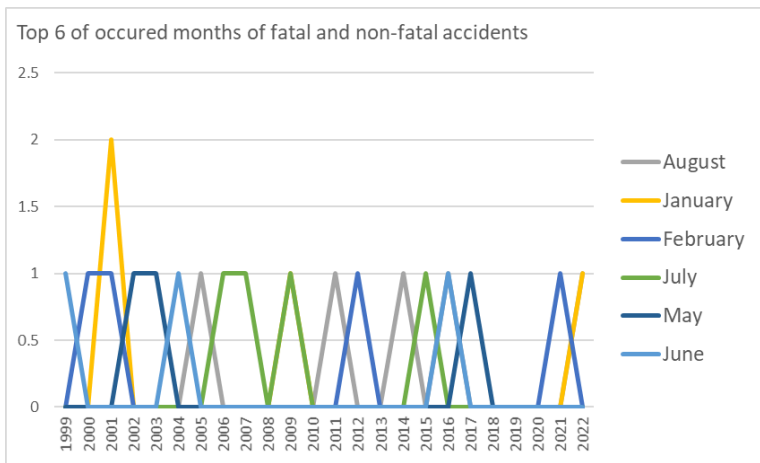
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)



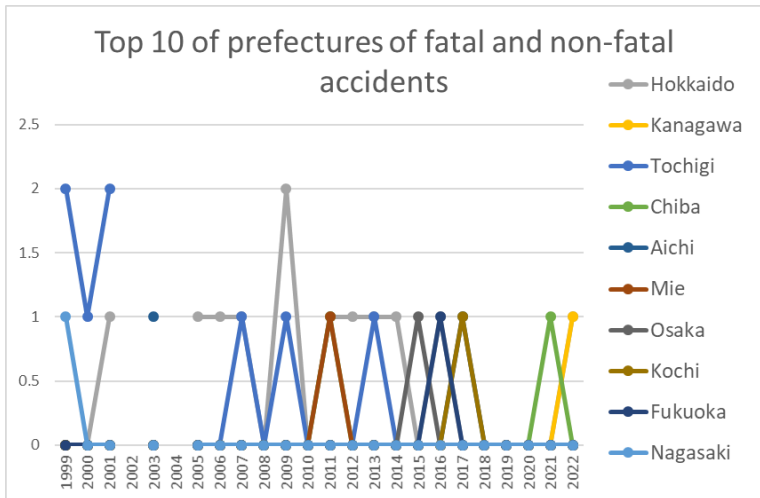
Transition of workers' age groups of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)

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	2022	total	Type of accidents
falling to same level													1										1	1	3	falling to same level
cut																								1	1	cut

fire																									fire	
traffic accident (others)																									traffic accident (others)	
others																									others	
unclassifiable																									unclassifiable	
total	3	1	3	1	1	1	1	1	2		3		3	1	2	1	1	2	2				1	2	32	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)

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	2022	total	Causal (L) agents
crane, conveying machine		1			1	1		1			2			1	2	1			1					1	12	crane, conveying machine
other equipment	2		2																					1	5	other equipment
temporary buildings, establishments							1		1		1		1				1	2					1		8	temporary buildings, establishments
machine	1								1				1												3	machine
substance, material			1	1																					2	substance, material
load													1						1						2	load
environment																										environment
others																										others
total	3	1	3	1	1	1	1	1	2		3		3	1	2	1	1	2	2				1	2	32	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)

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	2022	total	Causal (M) agents
conveying machine		1			1			1			2			1	2	1			1					1	11	conveying machine
other equipments, facilities	1																							1	2	other equipments, facilities
temporary buildings, establishments							1		1		1		1				1	2					1		8	temporary buildings, establishments
construction machine	1								1																2	construction machine
tools	1		1																						2	tools
materials			1	1																					2	materials
load													1						1						2	load
woodworking machine													1												1	woodworking machine
vehicle						1																			1	vehicle
human power machine, tools			1																						1	human power machine, tools
engine																										engine
power transmission																										power transmission

no causal agent																												no causal agent
unclassifiable																												unclassifiable
total	3	1	3	1	1	1	1	1	1	2		3		3	1	2	1	1	2	2				1	2	32	total	

Transition of Causal agents (Small) of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)

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	2022	total	Causal (S) agents
conveyor					1			1			1			1	1	1								1	7	conveyor
other equipment, facilities																								1	1	other equipment, facilities
truck											1				1				1						3	truck
passage									1				1										1		3	passage
working platform, boot board																		2							2	working platform, boot board
building, establishment							1										1								2	building, establishment
load													1						1						2	load
other woodworking machines													1												1	other woodworking machines
excavating machine									1																1	excavating machine
hand tool			1																						1	hand tool
other tools			1																						1	other tools
stairs, landing stage											1														1	stairs, landing stage
metal material			1																						1	metal material

total	3	1	3	1	1	1	1	1	2		3		3	1	2	1	1	2	2				1	2	32	total
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Transition of workers' age groups of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Age	
50-59			1			1	1				1		1	1		1	1		1				1	2	12	50-59	
60 years old or more	2							1	1		1				1			1							7	60 years old or more	
40-49	1	1		1					1				1		1										6	40-49	
20-29			1								1		1					1	1						5	20-29	
30-39			1		1																				2	30-39	
19 years old or less																											19 years old or less
total	3	1	3	1	1	1	1	1	2		3		3	1	2	1	1	2	2				1	2	32	total	

Transition of workers' number of workplace of fatal and non-fatal accidents in 020109 other coal mining in Japan (1999-2022)

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	2022	total	Workers scale	
9 workers or less	1			1	1		1	1			2		1				1	1						1	11	9 workers or less	
10-29		1	3						1				1	1	1	1			1					1	11	10-29	
30-49	2					1			1				1		1			1							7	30-49	
50-99											1								1				1		3	50-99	
100-299																											100-299
300 workers or more																											300 workers or more
total	3	1	3	1	1	1	1	1	2		3		3	1	2	1	1	2	2				1	2	32	total	

Kyoto																																																Kyoto							
Hyogo																																																				Hyogo			
Nara																																																				Nara			
Wakayama																																																				Wakayama			
Tottori																																																				Tottori			
Shimane																																																				Shimane			
Okayama																																																				Okayama			
Hiroshima																																																				Hiroshima			
Yamaguchi																																																				Yamaguchi			
Tokushima																																																						Tokushima	
Kagawa																																																						Kagawa	
Ehime																																																							Ehime
Saga																																																							Saga
Kumamoto																																																							Kumamoto
Oita																																																							Oita
Miyazaki																																																							Miyazaki
Kagoshima																																																							Kagoshima
Okinawa																																																							Okinawa
total	3	1	3	1	1	1	1	1	1	2		3		3	1	2	1	1	2	2																														1	2	32	total		

Data Source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> MHLW, Jaan

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