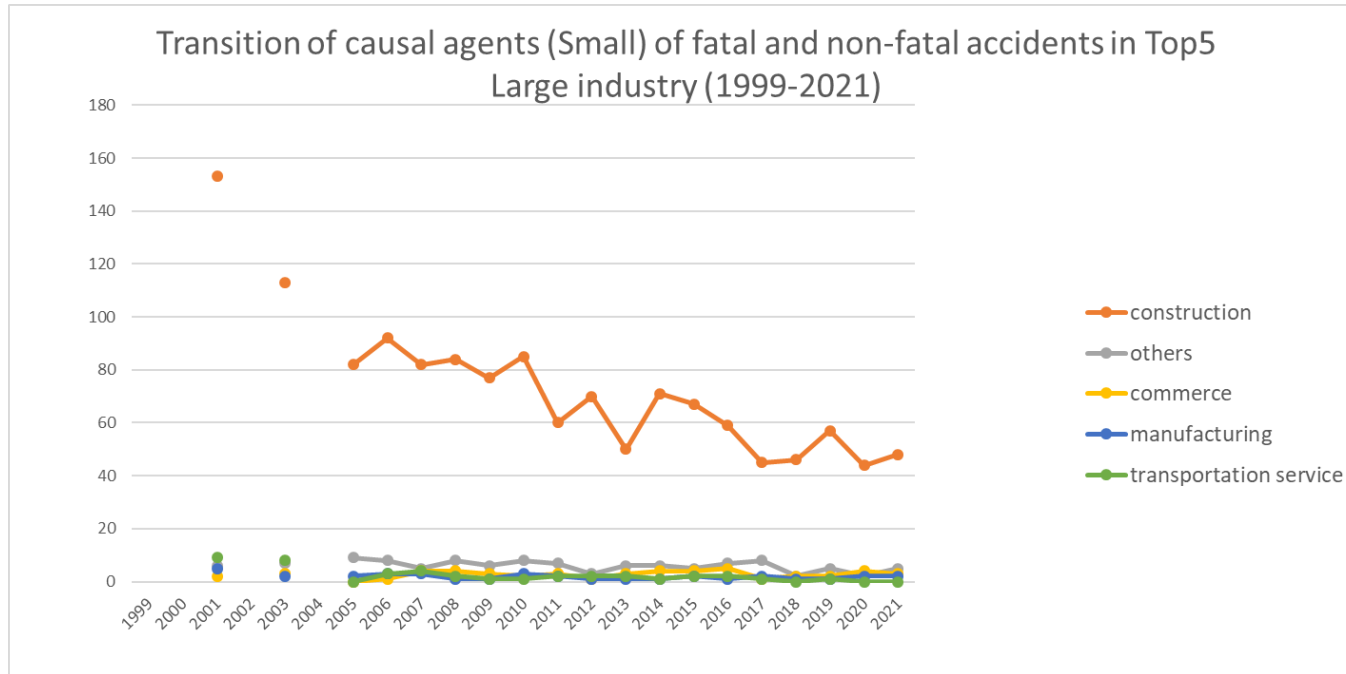
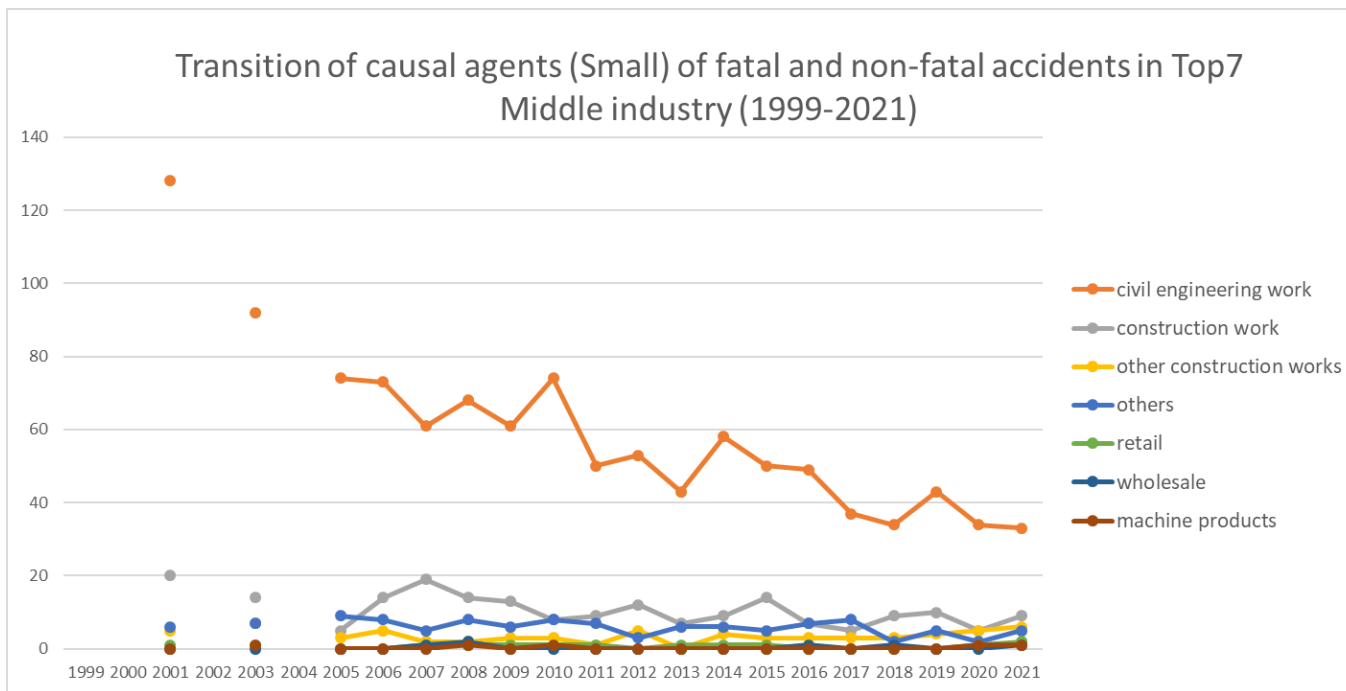


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 144 hardening machine (1999-2021)

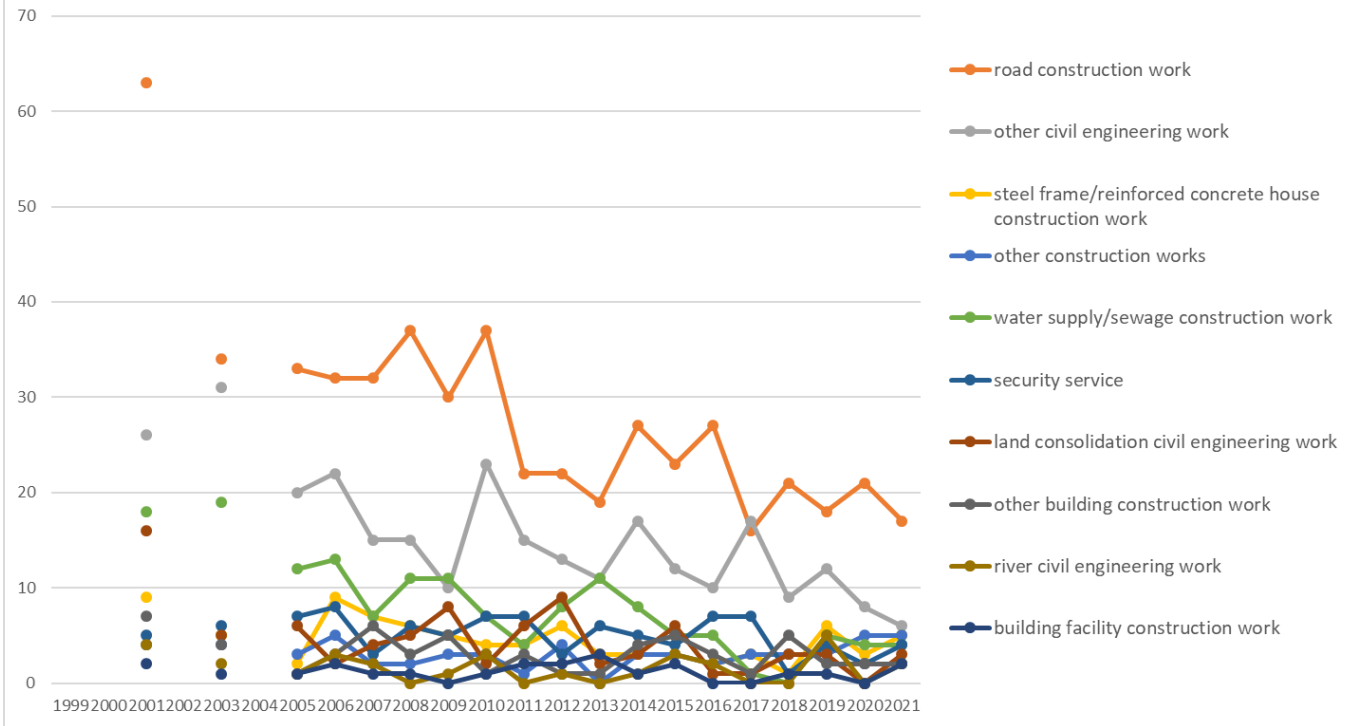


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 144 hardening machine in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 144 hardening machine in Middle Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents in Top10 Small industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 144 hardening machine in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 144 hardening machine in Large industry (1999-2021)

code	Large industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Large industry
03	construction			153		113		82	92	82	84	77	85	60	70	50	71	67	59	45	46	57	44	48	1,385	construction
17	others			6		7		9	8	5	8	6	8	7	3	6	6	5	7	8	2	5	2	5	113	others
08	commerce			2		3			1	4	4	3	2	3	1	3	4	4	5	1	2	2	4	3	51	commerce
01	manufacturing			5		2		2	3	3	1	1	3	2	1	1	1	2	1	2	1	1	2	2	36	manufacturing
04	transportation service			9		8			3	4	2	1	1	2	2	2	1	2	2	1		1			41	transportation service
14	hotel/restaurant/amusement service					2		2	1						1	1			2						9	hotel/restaurant/amusement service
	commercial cleaning and																									commercial cleaning and

030107	river civil engineering work			4		2		1	3	2		1	3		1		1	3	2			5		2	30	river civil engineering work
030203	building facility construction work			2		1		1	2	1	1		1	2	2	3	1	2			1	1		2	23	building facility construction work
170209	others			1		1		2		2	2	1	1			1	1		1	1	1		1	16	others	
080209	other retails					1				1			1	1			1	1				1	1	8	other retails	
030301	electricity/telecommunication work			1		2										1						1		1	6	electricity/telecommunication work
080109	other wholesale									1	2								1		1			1	6	other wholesale
011301	machine products					1					1		1									1	1	5	machine products	
030104	railway construction work			1																			1	3	railway construction work	
011102	nonferrous metals casting products																						1	1	nonferrous metals casting products	
080201	all kinds of retail																						1	1	all kinds of retail	
030202	wooden house construction work			2		4		1		5	4	3	2		3		1	4	2	1	2	1		35	wooden house construction work	
080409	other commerce			1		2			1	2	1	2	1	2	1	2	3	3	4	1	1	2	3	32	other commerce	
040301	general truck transportation service			7		5			3	2	2	1		2	1	2	1	2	2	1				31	general truck transportation service	
011701	auto mobile servicing			1				1		2			1	1				1						7	auto mobile servicing	
030105	bridge construction work					1		2	1									1	1	1				7	bridge construction work	
140301	golf course					1		2	1						1	1			1					7	golf course	
030108	sand collapse prevention civil engineering work									1			2						2					5	sand collapse prevention civil engineering work	
040309	other land cargo transportation service					2				1		1										1		5	other land cargo transportation service	
030111	port/seaside construction work										1		1				1						1	4	port/seaside construction work	

040302	specific truck transportation service			1		1																			4	specific truck transportation service	
150102	industrial waste management service					1																				4	industrial waste management service
010909	other sand and stone products							1																		3	other sand and stone products
011509	other transport equipment products			1																						3	other transport equipment products
011702	machine repair					1																				3	machine repair
030102	tunnel construction work																									3	tunnel construction work
030302	machinery/apparatus setting work					1																				3	machinery/apparatus setting work
050101	land cargo handling service																									3	land cargo handling service
060101	agriculture																									3	agriculture
080204	fuel retail			1																						3	fuel retail
010901	cement products			1																						2	cement products
011203	metal press products																									2	metal press products
011209	other metal products			1																						2	other metal products
011502	auto mobile products																									2	auto mobile products
030103	subway construction work																									2	subway construction work
060209	other forestry																									2	other forestry
010109	other foods																									1	other foods
010203	weaving																									1	weaving
010409	other lumber and wood products																									1	other lumber and wood products
010804	petroleum/coal products			1																						1	petroleum/coal products
011001	steel/iron/rolling products																									1	steel/iron/rolling products

