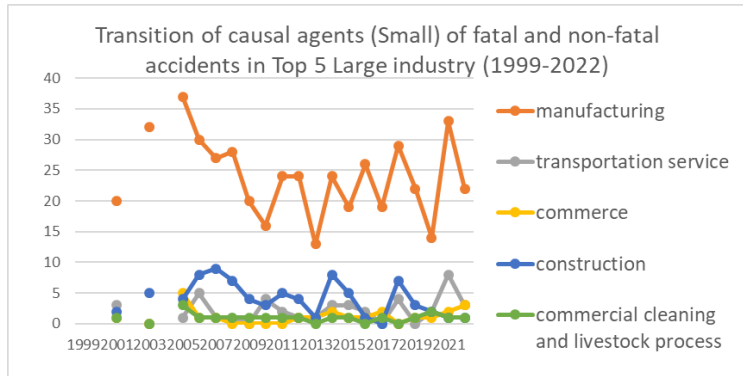
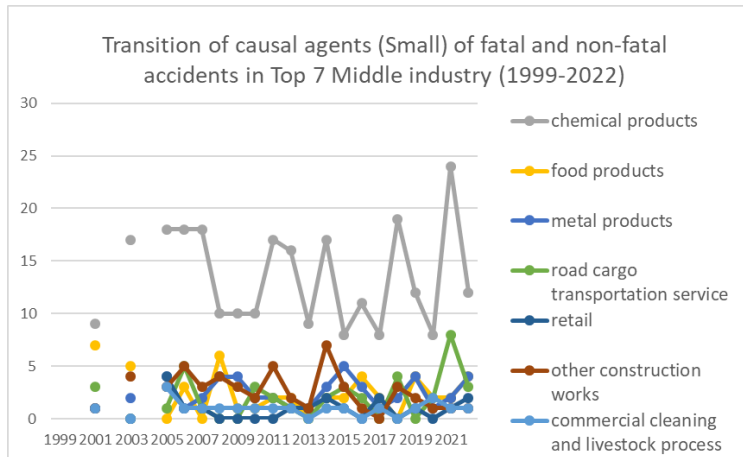


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 321 chemical facilities (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 321 chemical facilities in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 321 chemical facilities in Middle Industry (1999-2022)

	service																							service		
080204	fuel retail			1				2	1						1	2	1		1					1	10	fuel retail
010105	alcoholic drinks			2		1			1		2								1		1	1	1	1	9	alcoholic drinks
010809	chemical fertilizer products					1				1	1						3		1				1	8	chemical fertilizer products	
010808	painting products							1	1	1								1				2	1	7	painting products	
080109	other wholesale							1								1				1	1	1	1	5	other wholesale	
080209	other retails							1		1										1		1	1	5	other retails	
010802	chemical fiber																				1		1	2	chemical fiber	
011501	ship building										1												1	2	ship building	
010103	agricultural food products																						1	1	agricultural food products	
030302	machinery/apparatus setting work					2		1	1	1	2	1		4	2	1	3	2	1		2	2	1	1	27	machinery/apparatus setting work
010803	pharmaceuticals					2			1	3		2		1		1	3		1		2	2	2	1	21	pharmaceuticals
010109	other foods			1		2			2		2	1		1	2		1	1	2	1		2	1	1	20	other foods
010804	petroleum/coal products			1					1		3		3	3	2		1	1	1		1	1		1	19	petroleum/coal products
011109	other nonferrous metal products							3	2		1							4	1	2			1	14	other nonferrous metal products	
011403	electronics equipment and telecommunications apparatus					1		1			2	1		1	1	1	1	1	2		1			1	14	electronics equipment and telecommunications apparatus
010805	plastics products							2	3	2										1	1	1	1	1	12	plastics products
030201	steel frame/reinforced concrete house construction work							1	1	3		1			2		1	1							11	steel frame/reinforced concrete house construction work
011502	auto mobile products								2	1		1							1	1			1	2	9	auto mobile products
011409	other electrical equipment			1					3		2		1				1								8	other electrical equipment
011709	other manufacturing					1		2		1				1					1	1	1				8	other manufacturing
030203	building facility construction work								1	2	2		1								2				8	building facility construction work
010106	soft drinks			1		1						1					1			1		1	1		7	soft drinks
030209	other building construction work					1			1		1						1			1	1	1			7	other building construction work
010901	cement products							5			1														6	cement products
011101	nonferrous metals/rolling products					1				2					1				1	1					6	nonferrous metals/rolling products
120109	other education/research service							1		1		1								1			2		6	other education/research service
010806	rubber products					1							1	1					1	1					5	rubber products
011001	steel/iron/rolling products					2								2								1			5	steel/iron/rolling products
150109	other cleaning and livestock process service								1												1	2	1		5	other cleaning and livestock process service
010601	pulp/paper							1					1					1			1				4	pulp/paper
140201	general restaurant																	1	1	1	1				4	general restaurant
010102	fishery products			1		1											1								3	fishery products
011401	heavy electrical equipment							1	1							1									3	heavy electrical equipment

