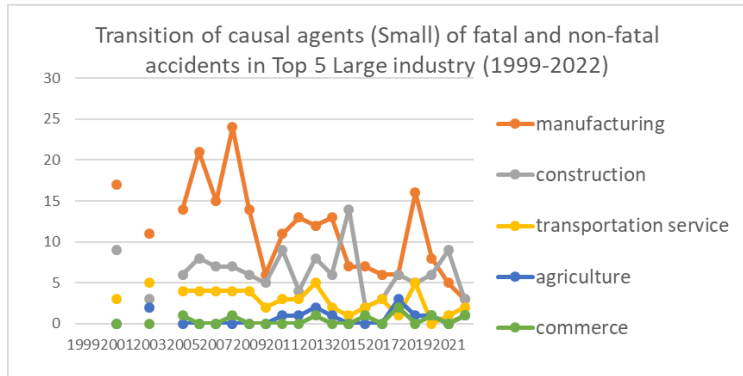
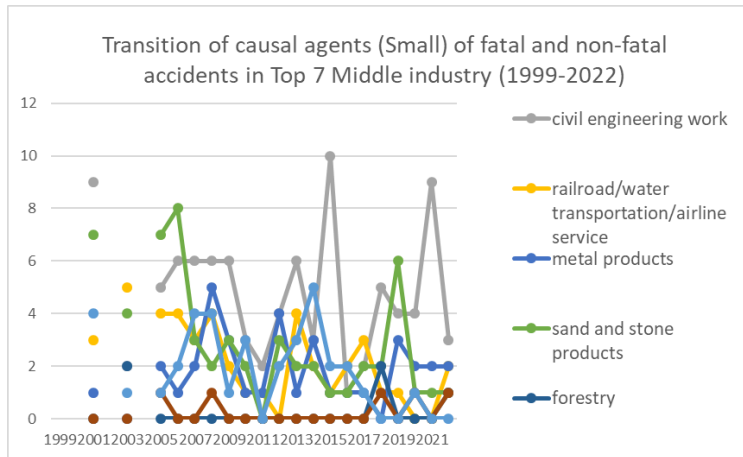


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 223 railway equipment (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 223 railway equipment in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 223 railway equipment in Middle Industry (1999-2022)

0301	civil engineering work			9		2		5	6	6	6	6	3	2	4	6	3	10	1	2	5	4	4	9	3	96	civil engineering work
0401	railroad/water transportation/airline service			3		5		4	4	3	4	2	1	1		4	2	1	2	3	1	1			2	43	railroad/water transportation/airline service
0112	metal products			1				2	1	2	5	3	1	1	4	1	3	1	1	1		3	2	2	2	36	metal products
0109	sand and stone products			7		4		7	8	3	2	3	2		3	2	2	1	1	2	2	6	1	1	1	58	sand and stone products
0602	forestry					2															2				1	5	forestry
0802	retail							1				1									1		1		1	5	retail
0110	steel making			4		1		1	2	4	4	1	3		2	3	5	2	2	1			1			36	steel making
0115	transport equipment products			2		5		1	5		2	2		1		2	1	2	2	1	1		1			28	transport equipment products
0113	machine products					1		1	2	1	4	1		3	1	1					1					16	machine products
0303	other construction works					1		1	2		1		2	2		1	2	2		1	1					16	other construction works
0403	road cargo transportation service									1		2	1	2	3	1						4		1		15	road cargo transportation service
0302	construction work									1				5		1	1	2	1			1	2			14	construction work
0501	land cargo handling service			1		2				3					2		2	1		1		1	1			14	land cargo handling service
0104	wood products			1				2		3		2		2				1					1			12	wood products
0108	chemical products									1	2			2		1	1		1		1	1				10	chemical products
1702	others							1	1				1		1			1		1		1		2		9	others
0101	food products			1											2	2				1		2				8	food products
0601	agriculture													1	1	2	1				1	1	1			8	agriculture
0106	pulp/paper processing products								1		2	1		1							1		1			7	pulp/paper processing products
1403	other amusement service			1		1			1		1		1							1		1				7	other amusement service
0114	electrical equipment products								1		2				1									1		5	electrical equipment products
1501	commercial cleaning and livestock process					2									1					1			1			5	commercial cleaning and livestock process
0111	nonferrous metal making										1	1										1	1			4	nonferrous metal making
0117	other manufacturing									1												2		1		4	other manufacturing
0107	printing/bookbinding							1						1												3	printing/bookbinding
0203	other mining					1		1														1				3	other mining
0102	textile products			1																		1				2	textile products
0502	harbor transportation service							1							1											2	harbor transportation service
0804	other commerce															1					1					2	other commerce
0901	financial business															1					1					2	financial business
1201	education/research service																1	1								2	education/research service

030104	railway construction work			3		1			1	1	2	1	1		2	2		4	1		1	1		2		23	railway construction work
011001	steel/iron/rolling products			2					1	2	3		2		2	3	2		2	1			1			21	steel/iron/rolling products
011002	casting products			2		1		1	1	2	1	1					3	2								14	casting products
011301	machine products					1		1	2	1	2	1		3	1	1					1					14	machine products
040301	general truck transportation service									1		1	1	2	3	1						4		1		14	general truck transportation service
050101	land cargo handling service			1		2				3					2		2	1		1		1	1			14	land cargo handling service
011502	auto mobile products					1			3		1	1				1		1	1	1						10	auto mobile products
011501	ship building			1		2		1				1				1		1		1		1		1		9	ship building
030309	other construction works							1	1		1		2	1		1	1				1					9	other construction works
011204	metal plating products			1				1		1		1		1			1	1		1						8	metal plating products
030201	steel frame/reinforced concrete house construction work									1				5		1						1				8	steel frame/reinforced concrete house construction work
060101	agriculture													1	1	2	1					1	1	1		8	agriculture
010401	lumbering						2		2		1							1					1			7	lumbering
170209	others						1	1					1		1					1					2	7	others
011503	railway vehicle products			1					2				1		1		1		1							6	railway vehicle products
030108	sand collapse prevention civil engineering work									1	1		1								1			2		6	sand collapse prevention civil engineering work
010109	other foods														2	2							1			5	other foods
010602	paper processing products										2			1							1		1			5	paper processing products
010903	pottery products			1				1	2								1									5	pottery products
030209	other building construction work																1	2	1				1			5	other building construction work
010409	other lumber and wood products			1						1		1		1												4	other lumber and wood products
010801	non organic or organic chemical products									1				2									1			4	non organic or organic chemical products
030109	land consolidation civil engineering work								1			1				1				1						4	land consolidation civil engineering work
030301	electricity/telecommunication work								1									2		1						4	electricity/telecommunication work
080209	other retails						1				1										1		1			4	other retails
140301	golf course			1					1		1										1					4	golf course
010701	printing service								1					1												3	printing service
010905	other ceramic products			1								1									1					3	other ceramic products
011409	other electrical equipment								1						1									1		3	other electrical equipment
011509	other transport equipment products						2				1															3	other transport equipment products
011709	other manufacturing									1													2			3	other manufacturing
020309	other mining					1		1														1				3	other mining
030101	hydroelectric plant construction work									1												1		1		3	hydroelectric plant construction work

