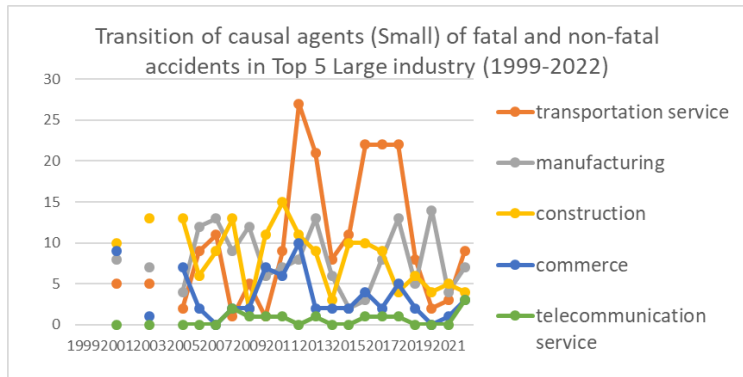
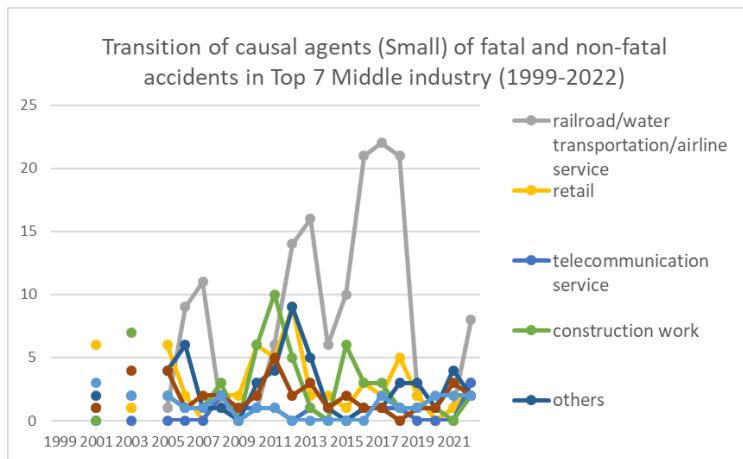


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment in Middle Industry (1999-2022)

0401	railroad/water transportation/airline service			1		1		1	9	11	1	1	1	6	14	16	6	10	21	22	21	2		1	8	153	railroad/water transportation/airline service
0802	retail			6		1		6	2		2	2	6	5	9	2	2	1	3	2	5	2		1	3	60	retail
1101	telecommunication service										2	1	1	1		1			1	1	1				3	12	telecommunication service
0302	construction work					7		2	1	1	3		6	10	5	1		6	3	3	1	1	1		2	53	construction work
1702	others			2		2		4	6	1	1		3	4	9	5	1		1	1	3	3	1	4	2	53	others
0702	fishery			1		4		4	1	2	2	1	2	5	2	3	1	2	1	1		1	1	3	2	39	fishery
0108	chemical products			3		2		2	1	1	2		1	1					2	1	1	2	2	2	2	23	chemical products
0110	steel making							1	2			1		1		1				1		1		2	10	steel making	
0301	civil engineering work			10		4		5	4	5	9	2	5	5	5	5	3	2	6	4		3	1	4	1	83	civil engineering work
0303	other construction works					2		6	1	3	1				1	3		2	1	2	3	2	2	1	1	31	other construction works
1403	other amusement service							2		1	5	1	2	1	2		1		2	4		1	1		1	24	other amusement service
0112	metal products			1						3			1		1	1		1	1	1	4	1	2	1	1	19	metal products
1302	social welfare facility			1		1		1			1		3	1	1	3				1	1				1	15	social welfare facility
1402	restaurant			1		3		1	1		2			1				1		1	1			1	1	14	restaurant
0117	other manufacturing			2		1		1		2		3		1								1	1		1	13	other manufacturing
0402	road passenger transport service			2							1		1	4	1			1			1			1		12	road passenger transport service
0109	sand and stone products			1						1	1		1		1	1	1			1	1		1		1	11	sand and stone products
1201	education/research service									1			1	1		1	1		1	1				1		8	education/research service
1501	commercial cleaning and livestock process			3					1		2		3	1	8	4	2	1	2	1	5	4	5	1		43	commercial cleaning and livestock process
0101	food products			1		2			5	3	4	3	1	3	4	7	1		1	1		1	1			38	food products
0403	road cargo transportation service			2		4		1				3		2	9	4	2	1			1	5	2	2		38	road cargo transportation service
0115	transport equipment products								1	1	1	2	1	1		1	2			3	3		3			19	transport equipment products
1301	medical treatment service			3		2		1			1				2					1	6		2			18	medical treatment service
0601	agriculture			1						2	1	1		1						1			1	5		13	agriculture
0701	livestock										2	1			1				3	2	1	1				11	livestock
1401	hotel								2	1			2						1	1			1	1		9	hotel
0114	electrical equipment products					2			1	1	1				1								2			8	electrical equipment products
0501	land cargo handling service			1						1			1	1	2						1					7	land cargo handling service
0804	other commerce			2				1					1	1	1					1						7	other commerce
0111	nonferrous metal making								1	1		3									1					6	nonferrous metal making
0901	financial business					1				1				2		1	1									6	financial business

011209	other metal products			1						3			1		1	1		1		1	4	1		1	1	16	other metal products	
130201	social welfare facility			1		1		1		1		3	1	1	3				1	1				1		15	social welfare facility	
170201	security service							2				1	1	2					1	2	1	3	1			14	security service	
140201	general restaurant			1		3		1	1		1				1			1	1			1	1			13	general restaurant	
030209	other building construction work									2		3	2	1	1				1					1		11	other building construction work	
030302	machinery/apparatus setting work					2		5											1	1				1		10	machinery/apparatus setting work	
011709	other manufacturing			2				1			3								1	1				1		9	other manufacturing	
010801	non organic or organic chemical products			2				1		1		1								2			1			8	non organic or organic chemical products	
120109	other education/research service									1		1	1		1	1		1	1					1		8	other education/research service	
040201	taxi service			1							1		1	2	1									1		7	taxi service	
140301	golf course									2		1	1	1										1		6	golf course	
010809	chemical fertilizer products									1														1		2	chemical fertilizer products	
010902	glass products																							1		1	glass products	
040301	general truck transportation service			2		3		1			2		2	7	4	2	1			1	5	2	2			34	general truck transportation service	
070201	fishery			1		4		3	1	1	2	1	1	4	1	2	1	1		1		1				25	fishery	
030199	other civil engineering work			2				3	1	1	4	1		3	1	3			1				1			21	other civil engineering work	
150101	building maintenance service										1		1	1	4	3	2	1			4	1		1		19	building maintenance service	
130101	hospital			2		2		1			1			2					1	6		2				17	hospital	
010109	other foods					1				1	3		1	1	4	1			1		1	1				15	other foods	
030309	other construction works							1	1	2	1			1	2		1		1	1	1	2	1			15	other construction works	
060101	agriculture			1						2	1	1		1					1			1	5			13	agriculture	
011501	ship building							1		1	1		1		1	2			1	1		3				12	ship building	
030202	wooden house construction work					1						1	4				4		1			1				12	wooden house construction work	
030110	water supply/sewage construction work			2							2	1	1					5								11	water supply/sewage construction work	
070101	livestock									2	1			1			3	2	1	1						11	livestock	
030106	road construction work			2		1		1		1			1	1		1				1						10	road construction work	
140309	other amusement service							2		1	1	1				1		2	1							10	other amusement service	
010104	bread/cake products							4	2			1	1	1												9	bread/cake products	
080201	all kinds of retail							2				2	1				1	1	1	1						9	all kinds of retail	
140101	hotel							2	1			2					1	1			1	1				9	hotel	
150102	industrial waste management service											1		2				2	1	1		2				9	industrial waste management service	
030105	bridge construction work			2				1			1				1			1	1				1			8	bridge construction work	
140302	park and amusement park									2				1				3		1	1					8	park and amusement park	
150109	other cleaning and livestock process service			1							1		1		2	1				1	1					8	other cleaning and livestock process service	
	electronics equipment and																											electronics equipment and

011403	telecommunications apparatus					2				1	1									2			7	telecommunications apparatus
030203	building facility construction work					1		1		1						3							7	building facility construction work
050101	land cargo handling service			1					1			1	1	2						1			7	land cargo handling service
150103	other waste disposal service			2					1											2	2		7	other waste disposal service
010899	other chemical products								1		1								1			2	6	other chemical products
010901	cement products			1									1	1	1						1		6	cement products
030301	electricity/telecommunication work													1		1	1	1	1	1			6	electricity/telecommunication work
080409	other commerce			2					1				1	1					1				6	other commerce
010102	fishery products			1					1				1	1									5	fishery products
010805	plastics products			1		2		1												1			5	plastics products
011101	nonferrous metals/rolling products								1	1			3										5	nonferrous metals/rolling products
011502	auto mobile products									1		1							1	2			5	auto mobile products
040202	bus service			1											2				1			1	5	bus service
090103	insurance business					1				1					2								4	insurance business
010105	alcoholic drinks					1					1				1								3	alcoholic drinks
010106	soft drinks											2							1				3	soft drinks
010402	plywood														3								3	plywood
010909	other sand and stone products									1		1								1			3	other sand and stone products
011301	machine products								1										1		1		3	machine products
030102	tunnel construction work													1				1				1	3	tunnel construction work
040303	cargo/ light automobile transportation service					1						1		1									3	cargo/ light automobile transportation service
050202	port cargo handling service							1	1										1				3	port cargo handling service
060209	other forestry									1				1								1	3	other forestry
130301	bathhouse											1	1								1		3	bathhouse
010101	meat/dairy products														2								2	meat/dairy products
010701	printing service											1									1		2	printing service
011002	casting products											1						1					2	casting products
011009	other steel products								1													1	2	other steel products
011204	metal plating products																	1				1	2	metal plating products
011509	other transport equipment products											1								1			2	other transport equipment products
011703	cleaning					1																	2	cleaning
030109	land consolidation civil engineering work																					1	2	land consolidation civil engineering work
040101	railroad service					1																1	2	railroad service
080109	other wholesale			1															1				2	other wholesale
080204	fuel retail													1	1								2	fuel retail
090201	traveling service			1																			2	traveling service

