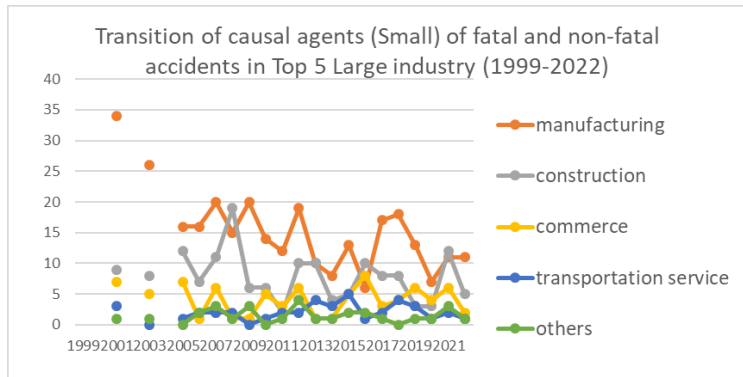
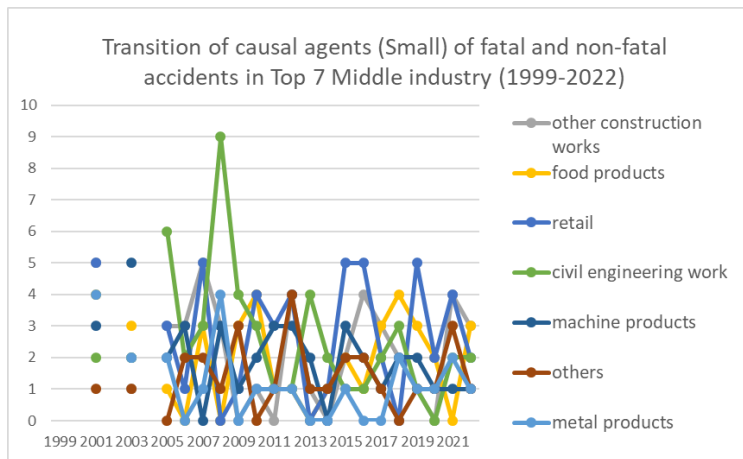


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 111 engine (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 111 engine in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 111 engine in Middle Industry (1999-2022)



0303	other construction works			5		1		3	3	5	3		1		4	1		2	4	3	2	1		4	3	45	other construction works
0101	food products			4		3		1		3		3	4	1	1		1	2	1	3	4	3	2		3	39	food products
0802	retail			5		2		3	1	5		1	4	3	4		1	5	5	2		5	2	4	2	54	retail
0301	civil engineering work			2		2		6	2	3	9	4	3	1	1	4	2	1	1	2	3	1		2	2	51	civil engineering work
0113	machine products			3		5		2	3		3	1	2	3	3	2		3	2	1	2	2	1	1	1	40	machine products
1702	others			1		1			2	2	1	3		1	4	1	1	2	2	1		1	1	3	1	28	others
0112	metal products			4		2		2		1	4		1	1	1			1			2	1	1	2	1	24	metal products
0115	transport equipment products			2		3		1	1	4			1	2	1	1	1			3		1	1	1	23	transport equipment products	
0114	electrical equipment products			3		1		1	2	1			1			2			5			1	2	1	21	electrical equipment products	
0109	sand and stone products			2									1							2	3		1	1	11	sand and stone products	
0701	livestock			1		1		1	2						2				1	1		1		1	11	livestock	
0104	wood products			1		1					2	3				1									1	9	wood products
0106	pulp/paper processing products									1			2				1	1		2			1	1	9	pulp/paper processing products	
0401	railroad/water transportation/airline service										1						2				1			1	5	railroad/water transportation/airline service	
0102	textile products					1									1					1					1	4	textile products
1201	education/research service										1				1									1	1	4	education/research service
1301	medical treatment service					1							1										1		1	4	medical treatment service
0117	other manufacturing			10		8		7	6	5	5	11	2	5	5	2	2	3	3	2	4	1			81	other manufacturing	
0302	construction work			2		5		3	2	3	7	2	2	1	5	5	2	2	5	3	3	1	3	6	62	construction work	
1501	commercial cleaning and livestock process			1		1		1	2	1	1	1	2	2	1	1	2	1	2	6		1	1		27	commercial cleaning and livestock process	
0403	road cargo transportation service			2					1	1			1		1	3	1	2	1	2	2	3	1	2	23	road cargo transportation service	
0108	chemical products			3		1			1	3	1	1			2	1	2			1			1	3	20	chemical products	
0801	wholesale			2		2		2		1					1	1			1		3		2	1	16	wholesale	
0110	steel making			2					3						1	1	1			1	1	2			12	steel making	
0402	road passenger transport service			1				1	1	1	1			2	1		2	1			1				12	road passenger transport service	
0804	other commerce					1		2			1		1						2	1	1	1		1	12	other commerce	
0702	fishery			1				1	1	1	1				1				1			2		1	10	fishery	
1403	other amusement service			3				1		1					1		1		1					1	9	other amusement service	
0116	electric/gas/water service					1		1		1		1	1	1	2										8	electric/gas/water service	
0202	quarrying							1	1	2					2						1				7	quarrying	
0501	land cargo handling service					1							2				1	1						2	7	land cargo handling service	



010602	paper processing products											1				1	1		2				1	6	paper processing products
010901	cement products																		1	2		1	1	5	cement products
010409	other lumber and wood products								1	1				1									1	4	other lumber and wood products
040102	water transportation service								1						1				1				1	4	water transportation service
120109	other education/research service								1				1										1	3	other education/research service
010104	bread/cake products								1														1	2	bread/cake products
010203	weaving												1										1	2	weaving
030102	tunnel construction work										1												1	2	tunnel construction work
011503	railway vehicle products																						1	1	railway vehicle products
130109	other medical treatment service																						1	1	other medical treatment service
011701	auto mobile servicing			4		7		6	5	4	2	7	1	2		1	2	2	2	1	1			47	auto mobile servicing
030209	other building construction work			1		1		1	1		6		1	4	2			5		2	1	1	1	27	other building construction work
011702	machine repair			3		1		1	1		3	3		1	4	1			1					19	machine repair
040301	general truck transportation service			1				1	1			1		1	3	1	2		2	2	2		2	19	general truck transportation service
030199	other civil engineering work			1			2		2	2	3			1	1			2	1	1		2		18	other civil engineering work
030309	other construction works					1	1		2				2	1		1	2	2	2	1		3		18	other construction works
080202	auto mobile retail			1		1		2		2		1	1		1		2	1	1		2		2	17	auto mobile retail
030201	steel frame/reinforced concrete house construction work			1		3			1	1		1		1	1			3			1	3		16	steel frame/reinforced concrete house construction work
080109	other wholesale			2		1		2		1			1	1			1		3		2	1		15	other wholesale
150102	industrial waste management service						1	1		1		1	1	1	1	2		1	4		1			15	industrial waste management service
011501	ship building			1		2		1		4			1			1			2		1	1		14	ship building
030203	building facility construction work					1		2		1		1	1		2		2					2		12	building facility construction work
010102	fishery products			3		1			1		1	1				1	1			1				10	fishery products
030110	water supply/sewage construction work					1			1	5				1	1	1								10	water supply/sewage construction work
080409	other commerce					1		2			1		1				1	1	1	1		1		10	other commerce
010101	meat/dairy products						1					1				1			2	2	1	1		9	meat/dairy products
011709	other manufacturing			2					1				1	1					2	1				8	other manufacturing
011703	cleaning			1								1	1	1					1	1				7	cleaning
030202	wooden house construction work								1	1		1			1		1			1		1		7	wooden house construction work
050101	land cargo handling service					1						2			1	1						2		7	land cargo handling service
060101	agriculture						1					1				2			2	1				7	agriculture
080204	fuel retail			2					1					1			1	1				1		7	fuel retail
011401	heavy electrical equipment			1					1						1			2				1		6	heavy electrical equipment
011601	electric utility service					1		1		1				2										6	electric utility service



011202	screw products										1								1						2	screw products	
011204	metal plating products																			1						2	metal plating products
011402	electrical appliance										1														1	2	electrical appliance
011403	electronics equipment and telecommunications apparatus										1															2	electronics equipment and telecommunications apparatus
030107	river civil engineering work																									2	river civil engineering work
030109	land consolidation civil engineering work																									2	land consolidation civil engineering work
050201	general harbor transportation service																									2	general harbor transportation service
050202	port cargo handling service																									2	port cargo handling service
080201	all kinds of retail																									2	all kinds of retail
080205	newspaper retail																									2	newspaper retail
080401	warehousing																									2	warehousing
140301	golf course																									2	golf course
010204	dyeing																									1	dyeing
010209	other textile products																									1	other textile products
010309	other fiber products																									1	other fiber products
010501	wood furniture																									1	wood furniture
010509	other furniture																									1	other furniture
010609	other pulp/paper processing products																									1	other pulp/paper processing products
010802	chemical fiber																									1	chemical fiber
010905	other ceramic products																									1	other ceramic products
011201	western tableware/cutting tool products																									1	western tableware/cutting tool products
011203	metal press products																									1	metal press products
011302	measuring instruments																									1	measuring instruments
011602	city gas service																									1	city gas service
011603	city water service																									1	city water service
020202	gravel digging																									1	gravel digging
020309	other mining																									1	other mining
040103	airline service																									1	airline service
040309	other land cargo transportation service																									1	other land cargo transportation service
040409	other transportation service																									1	other transportation service
080101	all kinds of wholesale																									1	all kinds of wholesale
080203	furniture/fittings retail																									1	furniture/fittings retail
090209	other advertisement and mediator																									1	other advertisement and mediator
120101	auto mobile practical training																									1	auto mobile practical training
140201	general restaurant																									1	general restaurant
140209	other restaurants																									1	other restaurants





