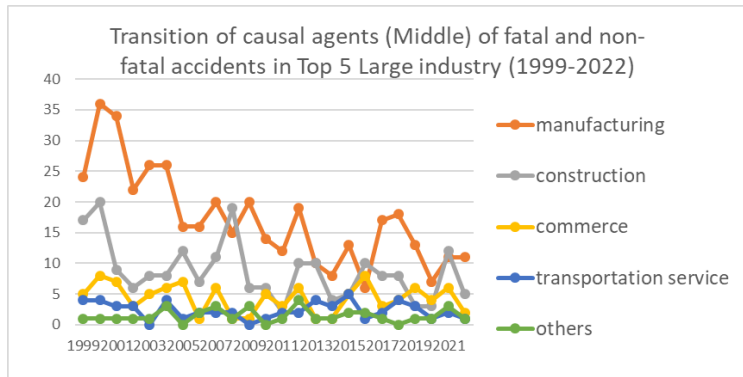
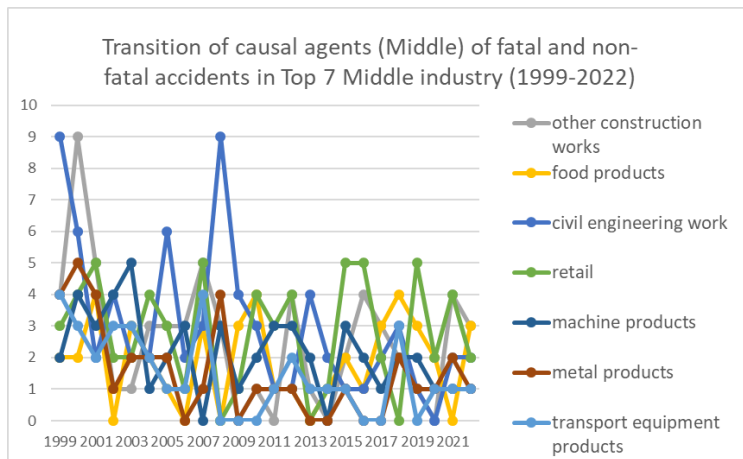


Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 11 engine (1999-2022)



Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 11 engine in Large industry (1999-2022)



Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 11 engine in Middle Industry (1999-2022)

0303	other construction works	4	9	5	1	1	3	3	3	5	3		1		4	1		2	4	3	2	1		4	3	62	other construction works
0101	food products	2	2	4		3	2	1		3		3	4	1	1		1	2	1	3	4	3	2		3	45	food products
0301	civil engineering work	9	6	2	4	2	2	6	2	3	9	4	3	1	1	4	2	1	1	2	3	1		2	2	72	civil engineering work
0802	retail	3	4	5	2	2	4	3	1	5		1	4	3	4		1	5	5	2		5	2	4	2	67	retail
0113	machine products	2	4	3	4	5	1	2	3		3	1	2	3	3	2		3	2	1	2	2	1	1	1	51	machine products
0112	metal products	4	5	4	1	2	2	2		1	4		1	1	1			1			2	1	1	2	1	36	metal products
0115	transport equipment products	4	3	2	3	3	2	1	1	4				1	2	1	1	1			3		1	1	1	35	transport equipment products
1702	others	1	1	1		1	3		2	2	1	3		1	4	1	1	2	2	1		1	1	3	1	33	others
0114	electrical equipment products		2	3	2	1	4	1	2	1			1			1		2		5			1	2	1	29	electrical equipment products
0109	sand and stone products		2	2	1								1			1					2	3		1	1	14	sand and stone products
0701	livestock	1		1		1	1	1	2						2					1	1		1		1	13	livestock
0104	wood products	2		1	1	1					2	3				1									1	12	wood products
0106	pulp/paper processing products		1							1			2				1	1		2				1	1	10	pulp/paper processing products
0401	railroad/water transportation/airline service	1	1								1						2				1				1	7	railroad/water transportation/airline service
0102	textile products		1			1	1								1					1					1	6	textile products
1301	medical treatment service					1	1						1										1		1	5	medical treatment service
1201	education/research service										1				1									1	1	4	education/research service
0117	other manufacturing	8	11	10	9	8	10	7	6	5	5	11	2	5	5	2	2	3	3	2	4	1				119	other manufacturing
0302	construction work	4	5	2	1	5	3	3	2	3	7	2	2	1	5	5	2	2	5	3	3	1	3	6		75	construction work
1501	commercial cleaning and livestock process	4	1	1	2	1		1	2	1	1	1	2	2	1	1	2	1	2	6		1	1			34	commercial cleaning and livestock process
0403	road cargo transportation service	3	2	2	2		1		1	1			1		1	3	1	2	1	2	2	3	1	2		31	road cargo transportation service
0108	chemical products	1	2	3		1	4		1	3	1	1			2	1	2			1			1	3		27	chemical products
0801	wholesale	2	2	2	1	2	1	2		1					1	1			1		3		2	1		22	wholesale
0402	road passenger transport service		1	1	1		3	1	1	1	1		2	1		2	1			1						17	road passenger transport service
0110	steel making	1	3	2					3						1	1	1			1	1	2				16	steel making
0804	other commerce		2			1	1	2			1		1		1				2	1	1	1		1		15	other commerce
1403	other amusement service	1	2	3	1		1	1		1					1		1		1					1		14	other amusement service
0702	fishery			1	2		1	1	1	1	1			1					1				2		1	13	fishery
0116	electric/gas/water service					1		1		1		1	1	1	2											8	electric/gas/water service
0202	quarrying				1			1	1	2					2						1					8	quarrying
0601	agriculture	1						1				1					2			2	1					8	agriculture

0501	land cargo handling service					1							2			1	1							2		7	land cargo handling service	
0602	forestry	1	1							1			1		1		1									6	forestry	
1101	telecommunication service							1				1		1			1							1		6	telecommunication service	
0502	harbor transportation service		1							2	1			1												5	harbor transportation service	
1302	social welfare facility											1	2	1									1			5	social welfare facility	
0111	nonferrous metal making				1									1												3	nonferrous metal making	
0902	advertisement and mediator	1			1				1																	3	advertisement and mediator	
1401	hotel			1							1					1										3	hotel	
0105	furniture							1		1																2	furniture	
1402	restaurant														1		1									2	restaurant	
1601	public office							1									1									2	public office	
1701	dispatch service				1						1															2	dispatch service	
0103	fiber products																						1			1	fiber products	
0203	other mining									1																1	other mining	
0404	other transportation service															1										1	other transportation service	
0107	printing/bookbinding																											printing/bookbinding
0201	coal mining																											coal mining
0803	haircut/beauty salon																											haircut/beauty salon
0901	financial business																											financial business
1001	movie/play service																											movie/play service
1303	other health and hygiene service																											other health and hygiene service
	total	60	74	61	42	44	52	43	36	47	44	35	32	27	51	31	24	33	32	38	38	31	19	40	23	957	total	

Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 11 engine in Middle industry (1999-2022)

code	Small industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Small industry
080209	other retails	1	3	1	1	1	3	1	1	2			3	2	2		1	1	3			2	2	1	2	33	other retails
030302	machinery/apparatus setting work	1	4	2		1	1	1	2	5	1		1		2				1	1				1	2	26	machinery/apparatus setting work
010109	other foods	1	1			2				1		1	2		1			1		1	1	1	1		2	16	other foods
011301	machine products	1	3	3	3	5	1	2	3		3	1	1	3	3	2		3	2	1	2	2	1	1	1	47	machine products
011209	other metal products	4	5	4		1	2	1		1	3		1		1			1				1	1	2	1	29	other metal products
170209	others	1	1				3		2	2	1	2		1	4	1	1	2	1	1		1	1	3	1	29	others
030106	road construction work	1	2	1	3				1		1		2					1	1		1				1	15	road construction work
011409	other electrical equipment		1	2	1	1	1	1					1					1		3			1		1	14	other electrical equipment
070101	livestock	1		1		1	1	1	2						2						1	1		1		13	livestock
030301	electricity/telecommunication work	2	1	3	1		1	1										1	1						1	12	electricity/telecommunication work

010409	other lumber and wood products	1			1						1	1			1								1	6	other lumber and wood products		
010602	paper processing products											1			1	1		2					1	6	paper processing products		
010901	cement products																	1	2		1	1		5	cement products		
040102	water transportation service									1					1			1					1	4	water transportation service		
010104	bread/cake products					1			1														1	3	bread/cake products		
010203	weaving					1								1									1	3	weaving		
120109	other education/research service									1				1									1	3	other education/research service		
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	6	7	4	5	7	6	6	5	4	2	7	1	2		1	2	2	2	1	1				71	auto mobile servicing	
030209	other building construction work	3	2	1		1	2	1	1		6			1	4	2			5		2	1	1	1		34	other building construction work
011702	machine repair	2	3	3	4	1	4	1	1		3	3		1	4	1				1						32	machine repair
040301	general truck transportation service	3	2	1	2		1		1	1			1		1	3	1	2		2	2	2		2		27	general truck transportation service
030199	other civil engineering work	2	3	1	1		2	2		2	2	3			1	1			2	1	1		2			26	other civil engineering work
030309	other construction works	1	4				1	1	1		2				2	1		1	2	2	2	1		3		24	other construction works
080202	auto mobile retail	1	1	1	1	1		2		2		1	1		1			2	1	1		2		2		20	auto mobile retail
011501	ship building	2	2	1	1	2		1		4				1			1			2		1	1			19	ship building
080109	other wholesale	2	1	2	1	1		2		1				1	1			1		3		2	1			19	other wholesale
030201	steel frame/reinforced concrete house construction work			1	1	3	1			1	1		1		1	1			3			1	3			18	steel frame/reinforced concrete house construction work
150102	industrial waste management service				1			1	1		1		1	1	1	1	2		1	4		1				16	industrial waste management service
030203	building facility construction work		2			1		2		1		1	1		2		2						2			14	building facility construction work
030110	water supply/sewage construction work	3				1				1	5				1	1	1									13	water supply/sewage construction work
080409	other commerce		2			1	1	2			1		1					1	1	1	1		1			13	other commerce
010101	meat/dairy products		1				1	1				1				1			2	2	1	1				11	meat/dairy products
010102	fishery products			3		1				1		1	1				1	1			1					10	fishery products
011401	heavy electrical equipment			1	1		3		1						1				2				1			10	heavy electrical equipment
040202	bus service		1		1		2	1	1	1	1			1							1					10	bus service
011709	other manufacturing		1	2						1				1	1					2	1					9	other manufacturing
030202	wooden house construction work	1	1						1	1		1			1		1			1		1				9	wooden house construction work
140309	other amusement service	1		1	1		1	1		1				1		1		1								9	other amusement service
011502	auto mobile products		1	1	1	1		1		1				1	1					1						8	auto mobile products
060101	agriculture	1					1					1					2			2	1					8	agriculture

