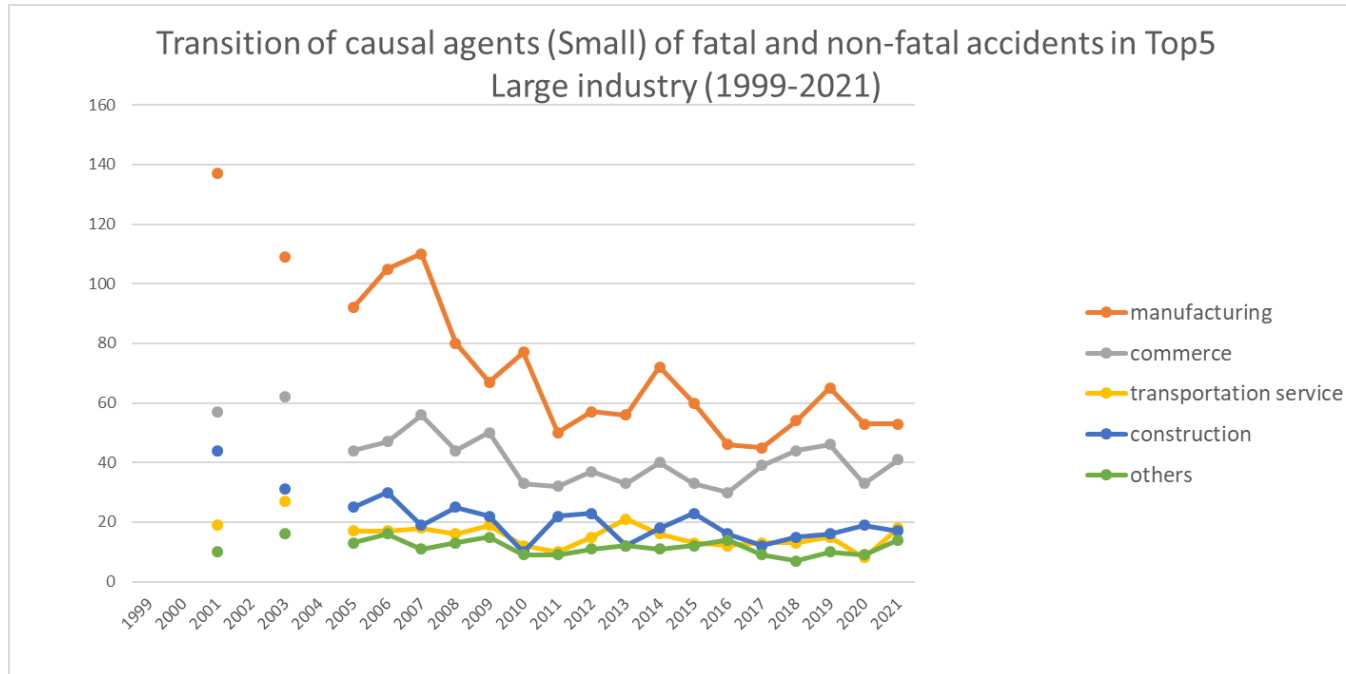
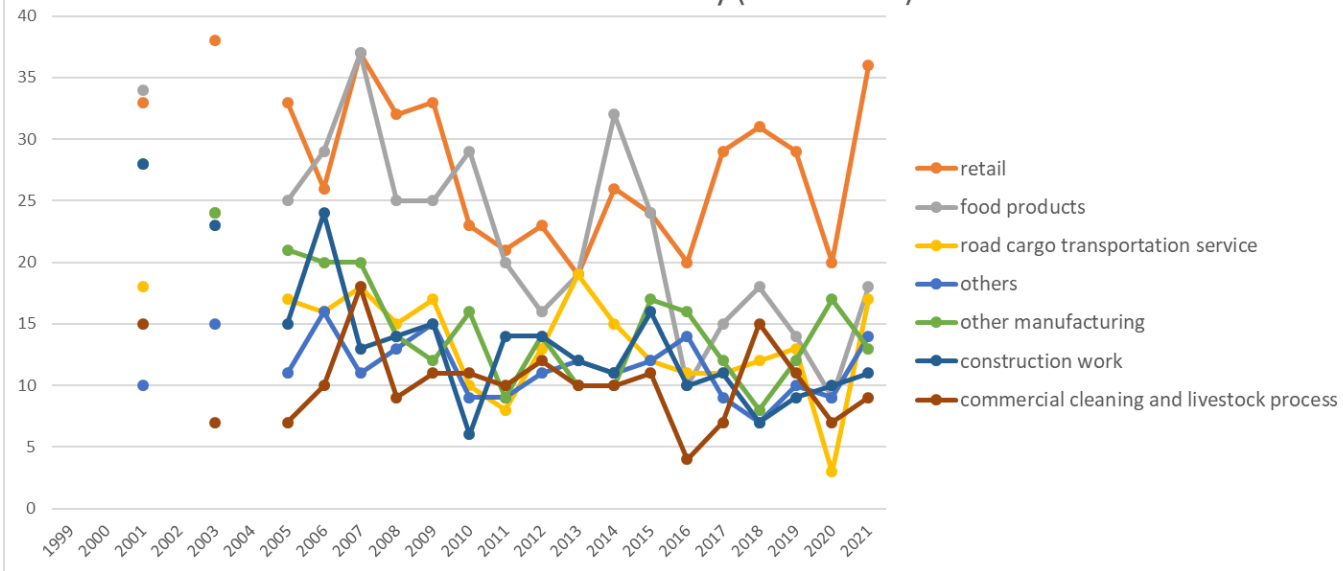


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift (1999-2021)



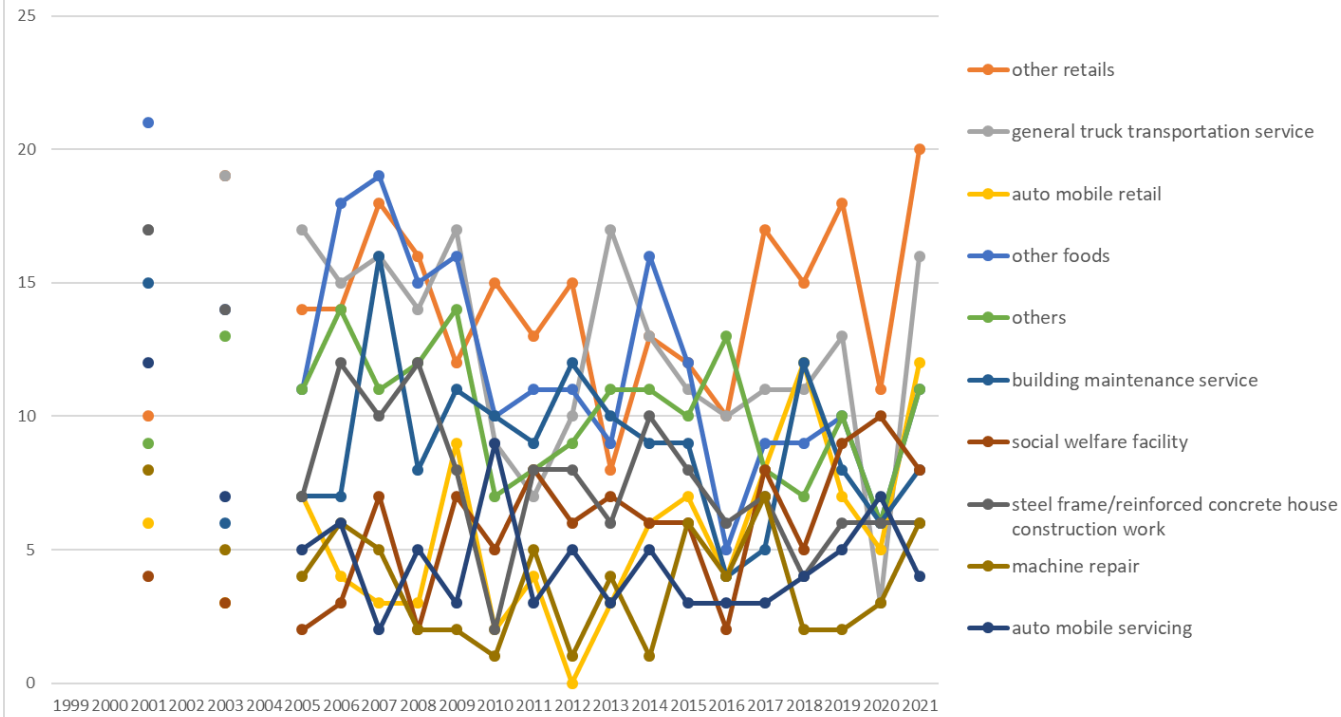
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift in Large industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents in Top7 Middle industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift in Middle Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents in Top10 Small industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift in Large industry (1999-2021)

code	Large industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Large industry
01	manufacturing			137		109		92	105	110	80	67	77	50	57	56	72	60	46	45	54	65	53	53	1,388	manufacturing
08	commerce			57		62		44	47	56	44	50	33	32	37	33	40	33	30	39	44	46	33	41	801	commerce
04	transportation service			19		27		17	17	18	16	19	12	10	15	21	16	13	12	13	13	15	8	18	299	transportation service
03	construction			44		31		25	30	19	25	22	10	22	23	12	18	23	16	12	15	16	19	17	399	construction
17	others			10		16		13	16	11	13	15	9	9	11	12	11	12	14	9	7	10	9	14	221	others
13	health and hygiene service			8		4		7	12	11	11	14	9	13	9	12	9	14	7	12	9	12	13	11	197	health and hygiene service
15	commercial cleaning and livestock process			15		7		7	10	18	9	11	11	10	12	10	10	11	4	7	15	11	7	9	194	commercial cleaning and livestock process

05	cargo handling service		4	4		3	3	2	5	2	6	3	6	2	3	1	2	1	6	4	2	59	cargo handling service	
14	hotel/restaurant/amusement service		20	14		9	19	15	9	5	5	8	10	10	8	9	8	10	10	11	7	1	188	hotel/restaurant/amusement service
11	telecommunication service			1		4	5	4	6	2	3	2	8	2	1	4	2	3	4	1	1	1	54	telecommunication service
09	financial business/advertisement		3	1		5	1	2	3	2	3	4	2	1		1	1	1	1	2	1	34	financial business/advertisement	
07	livestock/fishery		3	2		1		2		1			1	4	1	2	1	1		1	1	21	livestock/fishery	
12	education/research service		1	1		4		1		1		1	1	2		1	1	1				1	16	education/research service
16	public office							1														1	2	public office
06	agriculture			1			1					1	1	1	2		1		2	3	2		15	agriculture
10	movie/play service						2							1									3	movie/play service
02	mining																							mining
	total		321	280		228	268	271	218	214	174	168	189	180	193	184	145	155	176	197	159	171	3,891	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift in Middle industry (1999-2021)

code	Middle industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Middle industry
0802	retail			33		38		33	26	37	32	33	23	21	23	19	26	24	20	29	31	29	20	36	533	retail
0101	food products			34		24		25	29	37	25	25	29	20	16	19	32	24	10	15	18	14	9	18	423	food products
0403	road cargo transportation service			18		24		17	16	18	15	17	10	8	13	19	15	12	11	11	12	13	3	17	269	road cargo transportation service
1702	others			10		15		11	16	11	13	15	9	9	11	12	11	12	14	9	7	10	9	14	218	others
0117	other manufacturing			28		24		21	20	20	14	12	16	9	14	10	10	17	16	12	8	12	17	13	293	other manufacturing
0302	construction work			28		23		15	24	13	14	15	6	14	14	12	11	16	10	11	7	9	10	11	263	construction work
1501	commercial cleaning and livestock process			15		7		7	10	18	9	11	11	10	12	10	10	11	4	7	15	11	7	9	194	commercial cleaning and livestock process
1302	social welfare facility			4		3		2	3	7	2	7	5	8	6	7	6	6	2	8	5	9	10	8	108	social welfare facility

0303	other construction works			16		8		10	5	5	10	6	4	7	9		7	7	5	1	7	6	9	6	128	other construction works
0112	metal products			5		11		7	10	10	6	5	3	7	3	3	6		4	4	6	5	1	4	100	metal products
0108	chemical products			10		7		3	4	8	4	2	2	3	5	3	4	3	4	3	5	7	5	3	85	chemical products
1301	medical treatment service			4		1		4	9	4	7	7	4	5	2	5	3	8	5	4	4	3	3	3	85	medical treatment service
0804	other commerce			5		4		2	6	6	4	6	1	3	5	5	5	2	4	7	2	5	5	3	80	other commerce
0801	wholesale			19		20		9	15	13	8	11	9	8	9	9	9	6	6	3	11	12	8	2	187	wholesale
0113	machine products			8		7		5	6	10	5	2	10	1	3	4	2	3		3	4	7	3	2	85	machine products
0115	transport equipment products			7		2		5	7	6	4	2	7	1	3	1	4	2	1	2	3	7	5	2	71	transport equipment products
0106	pulp/paper processing products			10		8		5	5	6	4	2		2		2				3	1	2	3	2	55	pulp/paper processing products
0501	land cargo handling service			3		3			3	2	1	4	1	5	3	6	2	2	1	1	1	5	3	2	48	land cargo handling service
0104	wood products			5		1		2	6		1	3		2		4	3	4	2			2		2	37	wood products
0105	furniture			4		4		2	3	1	4		2		1	1		1	2		2		2	2	31	furniture
0103	fiber products			4		2		4	3	3		2		2				1				1		2	24	fiber products
1402	restaurant			4		3		4	9	4	5	2	2	4	8	6	3	2	1	6	5	6	5	1	80	restaurant
1101	telecommunication service					1		4	5	4	6	2	3	2	8	2	1	4	2	3	4	1	1	1	54	telecommunication service
0107	printing/bookbinding			4		4		6	1	6	4	5	2		3	1	2	2		1	1	2	2	1	47	printing/bookbinding
0109	sand and stone products			2		4		2			2	2	1	1	2	5	1		1	1	1	2	2	1	30	sand and stone products
0901	financial business			3		1		2	1	2	1	2	3	3	1	1			1	1	1		2	1	26	financial business
0402	road passenger transport service					2			1		1	1	2	1	1	2	1	1		1	1	1	1	1	18	road passenger transport service

011209	other metal products			4		10		6	6	8	5	4	3	4	3	3		4	4	5	3	1	4	80	other metal products	
030203	building facility construction work			3		4		1	5			2		1	3	2		4		2		1	3	4	35	building facility construction work
080201	all kinds of retail			7		12		6	3	11	6	4	6	4	5	3	5		4	3	1	2	2	3	87	all kinds of retail
010104	bread/cake products			2		2		7	3	9	2	2	11	1	4	4	4	3		2	3	1		3	63	bread/cake products
030309	other construction works			3		4		1	1		1		2	2	3		2	2		1	1	3	3	3	32	other construction works
170201	security service			1		2			2		1		1	1	2			2	1				1	3	17	security service
080109	other wholesale			14		14		8	13	12	8	10	9	8	9	9	8	5	6	3	8	11	7	2	164	other wholesale
030302	machinery/apparatus setting work			11		3		8	4	5	8	5	2	5	5		4	5	5		6	2	6	2	86	machinery/apparatus setting work
130101	hospital			4		1		4	9	3	7	7	4	5	1	5	3	7	5	4	4	2	3	2	80	hospital
011703	cleaning			4		5		5	3	7	7	4	5		5	2		6	7	2		2	3	2	69	cleaning
050101	land cargo handling service			3		3			3	2	1	4	1	5	3	6	2	2	1	1	1	5	3	2	48	land cargo handling service
010805	plastics products			2		5		2	2	3	1	1	2		3	3	2	1	2	1	1	5	2	2	40	plastics products
080401	warehousing			3		2		1	5	1	2	4	1	1	2	2	1		3		2	3	3	2	38	warehousing
010101	meat/dairy products			1		2		1	2	1	1	2	2	4		1	3	4	1		2	1	1	2	31	meat/dairy products
010301	over/under wear					1			2	2								1				1		2	9	over/under wear
011301	machine products			8		6		4	6	9	4	2	9	1	2	3	1	3		3	3	7	3	1	75	machine products
140201	general restaurant			2		3		4	9	4	5	2	2	2	4	5	3	2		5	4	6	5	1	68	general restaurant
010102	fishery products			6		4		4	6	5	6	4	4	2	1	3	4	1	2	3	2		1	1	59	fishery products
011502	auto mobile products			6		2		3	7	5	4	2	4	1	2	1	4	2	1	2	2	3	4	1	56	auto mobile products
080204	fuel retail			8		3		6	3	5	6	6		1	4	1	5	2	1	3		1	1	56	fuel retail	
011709	other manufacturing			4		7		7	4	6		3	1	1	3	1	4	2	2		2	3	4	1	55	other manufacturing
110101	telecommunication service					1		4	5	4	6	2	3	2	8	2	1	4	2	3	4	1	1	1	54	telecommunication service
030209	other building construction work			5		3		7	6	2	1	3	1	4	2	3	1	4	2	2	2	2	1	1	52	other building construction work
010701	printing service			4		2		6	1	5	4	5	2		3	1	1	1		1	1	2	2	1	42	printing service

080409	other commerce			2		2		1	1	5	2	2		2	3	3	4	2	1	7		2	2	1	42	other commerce
010409	other lumber and wood products			2				1	3		1	1		1		2	3	2	2			1		1	20	other lumber and wood products
090103	insurance business			3		1		2			1	1	2	2		1			1	1			1	1	17	insurance business
010103	agricultural food products			2				1		3			1	1		1	2	1	1		1		1	1	16	agricultural food products
120109	other education/research service			1		1		4		1		1		1	1	1		1	1	1				1	15	other education/research service
040201	taxi service					2						1	2		1	1	1	1				1	1	1	13	taxi service
040302	specific truck transportation service					4			1	1	1				1	1	1	1				1		1	13	specific truck transportation service
010806	rubber products			2		1			2	2				3						1				1	12	rubber products
010901	cement products									1	1	1	1	1	1		1				1	2	2	1	12	cement products
011509	other transport equipment products			1				1		1			2		1						1	3	1	1	12	other transport equipment products
010402	plywood			2				1	2			2		1		1		1						1	11	plywood
010609	other pulp/paper processing products			2				2	1	1	2					1					1		1	1	11	other pulp/paper processing products
150109	other cleaning and livestock process service					1			1	1	1					1	2				1	1	1	1	11	other cleaning and livestock process service
010601	pulp/paper			1				1	2	1	2								1			1	1	1	10	pulp/paper
030301	electricity/telecommunication work			2		1		1			1	1			1		1					1		1	10	electricity/telecommunication work
010509	other furniture			1		1					1							1		2		1	1	8	other furniture	
011305	other precision machine products					1		1		1			1	1	1	1							1	8	other precision machine products	
070209	other fishery					1												1	1				1	4	other fishery	
130109	other medical treatment									1					1			1					1	4	other medical treatment	

	service																						service		
010502	metal furniture						1							1							1	3	metal furniture		
011101	nonferrous metals/rolling products															1		1			1	3	nonferrous metals/rolling products		
160101	public office								1												1	2	public office		
140101	hotel			9		8		5	6	8	2	3	2	4	2	3	4	3	5	4	3	4	1	76	hotel
010602	paper processing products			7		8		2	2	4		2			2		1			2	1	1	2	34	paper processing products
140309	other amusement service			6		3			4	3	2		1				4	2		2	1	1	29	other amusement service	
011409	other electrical equipment			2		2		2	5	1	1	1	1		1			1		1	2	1	21	other electrical equipment	
011403	electronics equipment and telecommunications apparatus			6		2				1		1		1	1	1	2		1	1		2	1	20	electronics equipment and telecommunications apparatus
030202	wooden house construction work			3		2				1	1	1	1	2	3	1	1	1		2		1	19	wooden house construction work	
010501	wood furniture			3		3		1	3		3		2		1			1	1				18	wood furniture	
070101	livestock			3		1		1		2		1			1	4	1	1		1		1	17	livestock	
010106	soft drinks			2		1		1				1	1	1		1	1	2	1	1	1	2	16	soft drinks	
010309	other fiber products			4		1		4	1	1		2		2									15	other fiber products	
060101	agriculture					1			1					1	1	1	2		1		2	3	2	15	agriculture
080101	all kinds of wholesale			2		4		1	1	1						1	1			2		1	14	all kinds of wholesale	
011002	casting products					2					1			1	1	2	2	1			1	2	13	casting products	
010204	dyeing			1		2		2	1			3			1	1		1					12	dyeing	
140209	other restaurants			2										2	4	1			1	1	1		12	other restaurants	
080203	furniture/fittings retail			2		1			1			2			1	1	1				1	1	11	furniture/fittings retail	
010903	pottery products					3		1						1	3			1	1				10	pottery products	
011204	metal plating products			1		1			1	1	1			1						1	1		9	metal plating products	
080102	furniture/fittings wholesale			3		2			1			1								1	1		9	furniture/fittings wholesale	

010801	non organic or organic chemical products					1					1						2			1	1	2		8	non organic or organic chemical products
010807	leather products			3				1		1	1						1			1				8	leather products
010899	other chemical products			2						1	1					1			1	1		1		8	other chemical products
040101	railroad service			1						1									1		1	4		8	railroad service
040309	other land cargo transportation service			1		1				1		1		1	1		1							8	other land cargo transportation service
090101	banking/trust business								2		1	1	1	1						1		1		8	banking/trust business
090209	other advertisement and mediator												3									1		8	other advertisement and mediator
010209	other textile products									1	3					1								7	other textile products
011203	metal press products															3						1		7	metal press products
011402	electrical appliance			3																2				7	electrical appliance
050202	port cargo handling service									1		1	1						1		1	1	1	7	port cargo handling service
010401	lumbering			1		1				1										1		1		6	lumbering
150102	industrial waste management service																			1		2	1	6	industrial waste management service
170202	information processing service																			1	1		2	6	information processing service
010105	alcoholic drinks																							5	alcoholic drinks
010803	pharmaceuticals			1																				5	pharmaceuticals
010902	glass products			1																				5	glass products
011109	other nonferrous metal products																							5	other nonferrous metal products
010203	weaving			2																				4	weaving
010702	bookbinding																							4	bookbinding
	nonferrous metals casting																								nonferrous metals casting

011102	products			2												1			1			4	products
011401	heavy electrical equipment							1	1			1							1			4	heavy electrical equipment
040202	bus service							1				1	1						1			4	bus service
080205	newspaper retail							1	1				1								1	4	newspaper retail
130309	other health and hygiene service							1					2								1	4	other health and hygiene service
010804	petroleum/coal products									2											1	3	petroleum/coal products
011001	steel/iron/rolling products					1			1												1	3	steel/iron/rolling products
011202	screw products							1				1										3	screw products
030199	other civil engineering work							1			1										1	3	other civil engineering work
040103	airline service																				1	3	airline service
050201	general harbor transportation service					1			1													3	general harbor transportation service
100109	other movie/play service								2												1	3	other movie/play service
150105	livestock process service								2												1	3	livestock process service
170101	dispatch service							1			2											3	dispatch service
010202	cotton-spinning								2													2	cotton-spinning
010503	fittings																				1	2	fittings
011503	railway vehicle products																				1	2	railway vehicle products
040303	cargo/ light automobile transportation service																				1	2	cargo/ light automobile transportation service
140301	golf course																				1	2	golf course
150103	other waste disposal service																				1	2	other waste disposal service
010709	other printing and bookbinding																					1	other printing and bookbinding
010808	painting products																				1	1	painting products

