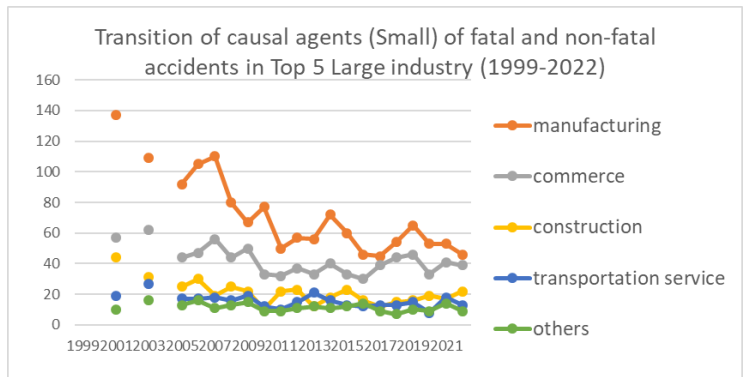
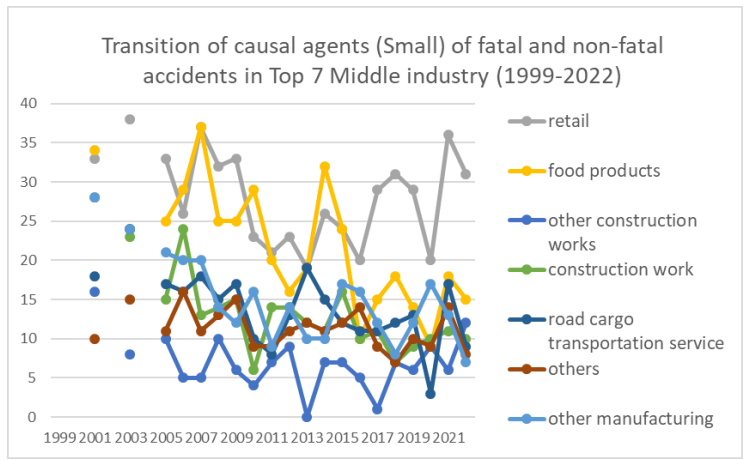


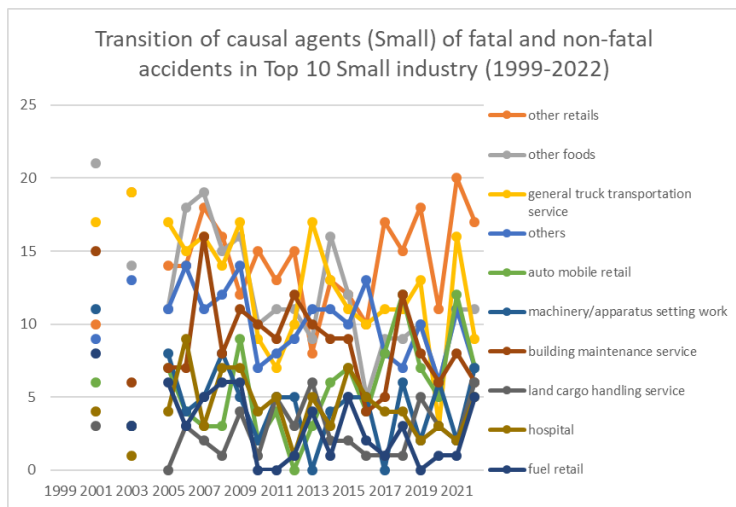
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift in Large industry (1999-2022)

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	2022	total	Large industry
01	manufacturing			137		109		92	105	110	80	67	77	50	57	56	72	60	46	45	54	65	53	53	46	1,434	manufacturing
08	commerce			57		62		44	47	56	44	50	33	32	37	33	40	33	30	39	44	46	33	41	39	840	commerce
03	construction			44		31		25	30	19	25	22	10	22	23	12	18	23	16	12	15	16	19	17	22	421	construction
04	transportation service			19		27		17	17	18	16	19	12	10	15	21	16	13	12	13	13	15	8	18	13	312	transportation service
17	others			10		16		13	16	11	13	15	9	9	11	12	11	12	14	9	7	10	9	14	9	230	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	9	206	health and hygiene 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	7	195	hotel/restaurant/amusement service
05	cargo handling service			4		4			3	3	2	5	2	6	3	6	2	3	1	2	1	6	4	2	7	66	cargo handling 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	6	200	commercial cleaning and livestock process
11	telecommunication service					1		4	5	4	6	2	3	2	8	2	1	4	2	3	4	1	1	1	4	58	telecommunication service
09	financial business/advertisement			3		1		5	1	2	3	2	3	4	2	1			1	1	1	1	2	1	3	37	financial business/advertisement
12	education/research service			1		1		4		1		1		1	1	2		1	1	1				1	1	17	education/research service
06	agriculture					1			1					1	1	1	2		1		2	3	2		1	16	agriculture
07	livestock/fishery			3		2		1		2		1				1	4	1	2	1	1		1	1		21	livestock/fishery
10	movie/play service								2							1										3	movie/play service
16	public office									1														1		2	public office
02	mining																										mining
	total			321		280		228	268	271	218	214	174	168	189	180	193	184	145	155	176	197	159	171	167	4,058	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 214 elevator, lift in Middle industry (1999-2022)

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	2022	total	Middle industry
0802	retail			33		38		33	26	37	32	33	23	21	23	19	26	24	20	29	31	29	20	36	31	564	retail

0101	food products			34		24		25	29	37	25	25	29	20	16	19	32	24	10	15	18	14	9	18	15	438	food products
0303	other construction works			16		8		10	5	5	10	6	4	7	9		7	7	5	1	7	6	9	6	12	140	other construction works
0302	construction work			28		23		15	24	13	14	15	6	14	14	12	11	16	10	11	7	9	10	11	10	273	construction work
0403	road cargo transportation service			18		24		17	16	18	15	17	10	8	13	19	15	12	11	11	12	13	3	17	9	278	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	8	226	others
0117	other manufacturing			28		24		21	20	20	14	12	16	9	14	10	10	17	16	12	8	12	17	13	7	300	other manufacturing
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	6	200	commercial cleaning and livestock process
1301	medical treatment service			4		1		4	9	4	7	7	4	5	2	5	3	8	5	4	4	3	3	3	6	91	medical treatment service
0501	land cargo handling service			3		3			3	2	1	4	1	5	3	6	2	2	1	1	1	5	3	2	6	54	land cargo handling service
0112	metal products			5		11		7	10	10	6	5	3	7	3	3	6		4	4	6	5	1	4	5	105	metal products
0804	other commerce			5		4		2	6	6	4	6	1	3	5	5	5	2	4	7	2	5	5	3	5	85	other commerce
0113	machine products			8		7		5	6	10	5	2	10	1	3	4	2	3		3	4	7	3	2	4	89	machine products
1401	hotel			9		8		5	6	8	2	3	2	4	2	3	4	3	5	4	3	4	1		4	80	hotel
1101	telecommunication service					1		4	5	4	6	2	3	2	8	2	1	4	2	3	4	1	1	1	4	58	telecommunication service
0801	wholesale			19		20		9	15	13	8	11	9	8	9	9	9	6	6	3	11	12	8	2	3	190	wholesale
1302	social welfare facility			4		3		2	3	7	2	7	5	8	6	7	6	6	2	8	5	9	10	8	3	111	social welfare facility
0115	transport equipment products			7		2		5	7	6	4	2	7	1	3	1	4	2	1	2	3	7	5	2	3	74	transport equipment products
0108	chemical products			10		7		3	4	8	4	2	2	3	5	3	4	3	4	3	5	7	5	3	2	87	chemical products
1402	restaurant			4		3		4	9	4	5	2	2	4	8	6	3	2	1	6	5	6	5	1	2	82	restaurant
0105	furniture			4		4		2	3	1	4		2		1	1		1	2		2		2	2	2	33	furniture
0901	financial business			3		1		2	1	2	1	2	3	3	1	1			1	1	1		2	1	2	28	financial business
0402	road passenger transport service					2			1		1	1	2	1	1	2	1	1		1	1	1	1	1	2	20	road passenger transport service
0111	nonferrous metal making			2				1	2	1					1				2		1	1		1	2	14	nonferrous metal making
0401	railroad/water transportation/airline service			1								1		1	1				1	1		1	4		2	13	railroad/water transportation/airline service
0106	pulp/paper processing products			10		8		5	5	6	4	2			2		2			3	1	2	3	2	1	56	pulp/paper processing products
0107	printing/bookbinding			4		4		6	1	6	4	5	2		3	1	2	2		1	1	2	2	1	1	48	printing/bookbinding
0104	wood products			5		1		2	6		1	3		2		4	3	4	2			2		2	1	38	wood products
1403	other amusement service			7		3			4	3	2		1			1	1	4	2		2	1	1		1	33	other amusement service
0102	textile products			3		4		2	1	1	3	3	1		1	1	2	1	1	1					1	26	textile products
0103	fiber products			4		2		4	3	3		2		2				1				1		2	1	25	fiber products
0110	steel making					3			1		1			2	1	2	3	1				1	2		1	18	steel making
1201	education/research service			1		1		4		1		1		1	1	2		1	1	1				1	1	17	education/research

011209	other metal products			4		10		6	6	8	5	4	3	4	3	3		4	4	5	3	1	4	4	84	other metal products	
140101	hotel			9		8		5	6	8	2	3	2	4	2	3	4	3	5	4	3	4	1		4	80	hotel
011301	machine products			8		6		4	6	9	4	2	9	1	2	3	1	3		3	3	7	3	1	4	79	machine products
110101	telecommunication service					1		4	5	4	6	2	3	2	8	2	1	4	2	3	4	1	1	1	4	58	telecommunication service
080409	other commerce			2		2		1	1	5	2	2		2	3	3	4	2	1	7		2	2	1	4	46	other commerce
030203	building facility construction work			3		4		1	5			2		1	3	2		4		2		1	3	4	4	39	building facility construction work
030201	steel frame/reinforced concrete house construction work			17		14		7	12	10	12	8	2	8	8	6	10	8	6	7	4	6	6	6	3	160	steel frame/reinforced concrete house construction work
130201	social welfare facility			4		3		2	3	7	2	7	5	8	6	7	6	6	2	8	5	9	10	8	3	111	social welfare facility
011702	machine repair			8		5		4	6	5	2	2	1	5	1	4	1	6	4	7	2	2	3	6	3	77	machine repair
030309	other construction works			3		4		1	1		1		2	2	3		2	2		1	1	3	3	3	3	35	other construction works
010101	meat/dairy products			1		2		1	2	1	1	2	2	4		1	3	4	1		2	1	1	2	3	34	meat/dairy products
080109	other wholesale			14		14		8	13	12	8	10	9	8	9	9	8	5	6	3	8	11	7	2	2	166	other wholesale
011701	auto mobile servicing			12		7		5	6	2	5	3	9	3	5	3	5	3	3	3	4	5	7	4	2	96	auto mobile servicing
010805	plastics products			2		5		2	2	3	1	1	2		3	3	2	1	2	1	1	5	2	2	2	42	plastics products
030202	wooden house construction work			3		2		1	1	1	2	3	1	1	1			2		1					2	21	wooden house construction work
011509	other transport equipment products			1				1		1			2		1						1	3	1	1	2	14	other transport equipment products
030301	electricity/telecommunication work			2		1		1			1	1			1		1				1		1	2	12	electricity/telecommunication work	
010509	other furniture			1		1					1							1		2		1	1	2	10	other furniture	
040101	railroad service			1								1							1		1	4		2	10	railroad service	
011109	other nonferrous metal products							1	2	1					1										2	7	other nonferrous metal products
080201	all kinds of retail			7		12		6	3	11	6	4	6	4	5	3	5		4	3	1	2	2	3	1	88	all kinds of retail
011703	cleaning			4		5		5	3	7	7	4	5		5	2		6	7	2		2	3	2	1	70	cleaning
140201	general restaurant			2		3		4	9	4	5	2	2	2	4	5	3	2		5	4	6	5	1	1	69	general restaurant
010104	bread/cake products			2		2		7	3	9	2	2	11	1	4	4	4	3		2	3	1		3	1	64	bread/cake products
011502	auto mobile products			6		2		3	7	5	4	2	4	1	2	1	4	2	1	2	2	3	4	1	1	57	auto mobile products
011709	other manufacturing			4		7		7	4	6		3	1	1	3	1	4	2	2		2	3	4	1	1	56	other manufacturing
030209	other building construction work			5		3		7	6	2	1	3	1	4	2	3	1	4	2	2	2	2	1	1	1	53	other building construction work
010701	printing service			4		2		6	1	5	4	5	2		3	1	1	1		1	1	2	2	1	1	43	printing service
080401	warehousing			3		2		1	5	1	2	4	1	1	2	2	1		3		2	3	3	2	1	39	warehousing
140309	other amusement service			6		3		4	3	2		1					4	2		2	1	1		1	30	other amusement service	
010409	other lumber and wood products			2				1	3		1	1		1		2	3	2	2			1		1	1	21	other lumber and wood products
090103	insurance business			3		1		2			1	1	2	2		1			1	1			1	1	1	18	insurance business
170201	security service			1		2			2		1		1	1	2			2	1				1	3	1	18	security service
010309	other fiber products			4		1		4	1	1		2		2										1	16	other fiber products	
060101	agriculture					1		1					1	1	1	2		1		2	3	2		1	16	agriculture	

120109	other education/research service			1		1		4		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		16	other education/research service
011002	casting products					2				1				1		1		2		1				1		2		1				1		2		1		14	casting products		
040201	taxi service					2						1		2		1		1		1		1		1		1		1		1		1		1		1		14	taxi service		
140209	other restaurants			2										2		4		1				1		1		1		1				1				1		13	other restaurants		
080203	furniture/fittings retail			2		1				1				2		1		1		1						1		1				1		1		1		12	furniture/fittings retail		
010601	pulp/paper			1				1		2		1		2													1				1		1		1		1		11	pulp/paper	
011204	metal plating products			1		1				1		1		1												1		1				1		1		1		10	metal plating products		
080102	furniture/fittings wholesale			3		2				1				1												1		1				1		1		1		10	furniture/fittings wholesale		
090101	banking/trust business									2		1		1		1										1		1				1		1		1		9	banking/trust business		
090209	other advertisement and mediator							3				2				1		1								1						1			1		9	other advertisement and mediator			
010209	other textile products									1		3			1										1		1								1		8	other textile products			
050202	port cargo handling service									1		1		1											1		1		1		1		1		1		8	port cargo handling service			
040202	bus service							1								1		1														1			1		5	bus service			
130109	other medical treatment service									1						1															1		1		1		5	other medical treatment service			
170101	dispatch service					1		2																											1		4	dispatch service			
010102	fishery products			6		4		4		6		5		6		4		4		2		1		3		4		1		2		3		2		1		1		59	fishery products
010602	paper processing products			7		8		2		2		4		2				2						1				2		1		1		2		1		34	paper processing products		
011409	other electrical equipment			2		2		2		5		1		1		1		1						1				1		1		2		1		2		21	other electrical equipment		
011403	electronics equipment and telecommunications apparatus			6				2				1		1		1		1		1		1		2		1		1				2		1			20	electronics equipment and telecommunications apparatus			
010501	wood furniture			3		3		1		3		3		2				1		1					1		1											18	wood furniture		
070101	livestock			3		1		1		2		1				1		4		1		1			1		1							1			17	livestock			
010103	agricultural food products			2				1		3				1		1		1		2		1		1		1		1		1		1		1			16	agricultural food products			
010106	soft drinks			2		1		1					1		1		1		2		1		1		1		1		1		2						16	soft drinks			
080101	all kinds of wholesale			2		4		1		1		1						1		1					1		1				2		1				14	all kinds of wholesale			
040302	specific truck transportation service							4				1		1		1															1			1			13	specific truck transportation service			
010204	dyeing			1		2		2		1				3				1		1					1													12	dyeing		
010806	rubber products			2		1				2		2																1							1			12	rubber products		
010901	cement products											1		1		1		1		1		1		1				1		2		2		1			12	cement 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			11	other pulp/paper processing products		
150109	other cleaning and livestock process service					1				1		1		1											1		2				1		1		1			11	other cleaning and livestock process service		
010903	pottery products					3		1										1		3				1		1		1										10	pottery products		
010301	over/under wear					1				2		2													1								1		2			9	over/under wear		
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	
011305	other precision machine products					1		1		1			1	1	1									1		8	other precision machine products
040309	other land cargo transportation service			1		1				1			1	1	1			1								8	other land cargo transportation service
011203	metal press products												1				2						1			7	metal press products
011402	electrical appliance			3													2			1		1				7	electrical appliance
010401	lumbering			1		1				1					1		1						1			6	lumbering
150102	industrial waste management service									1			1						1	2	1					6	industrial waste management service
170202	information processing service									1	1				1				1				2			6	information processing service
010105	alcoholic drinks					1				1						2	1									5	alcoholic drinks
010803	pharmaceuticals			1										2				1		1						5	pharmaceuticals
010902	glass products			1				1						2												5	glass products
010203	weaving			2												1			1							4	weaving
010702	bookbinding					1				1						1	1									4	bookbinding
011102	nonferrous metals casting products			2														1			1					4	nonferrous metals casting products
011401	heavy electrical equipment							1		1			1							1						4	heavy electrical equipment
070209	other fishery					1												1	1					1		4	other fishery
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
010502	metal furniture							1								1								1		3	metal furniture
010804	petroleum/coal products											2					1									3	petroleum/coal products
011001	steel/iron/rolling products					1				1																3	steel/iron/rolling products
011101	nonferrous metals/rolling products																		1		1				1	3	nonferrous metals/rolling products
011202	screw products							1			1		1													3	screw products
030199	other civil engineering work							1		1													1			3	other civil engineering work
040103	airline service												1	1									1			3	airline service
050201	general harbor transportation service			1		1				1																3	general harbor transportation service
100109	other movie/play service														1											3	other movie/play service
150105	livestock process service																			1						3	livestock process service
010202	cotton-spinning					2																				2	cotton-spinning
010503	fittings									1														1		2	fittings
011503	railway vehicle products												1											1		2	railway vehicle products
040303	cargo/ light automobile transportation service												1	1												2	cargo/ light automobile transportation service
140301	golf course														1	1										2	golf course
150103	other waste disposal service													1										1		2	other waste disposal service
160101	public office									1															1	2	public office

