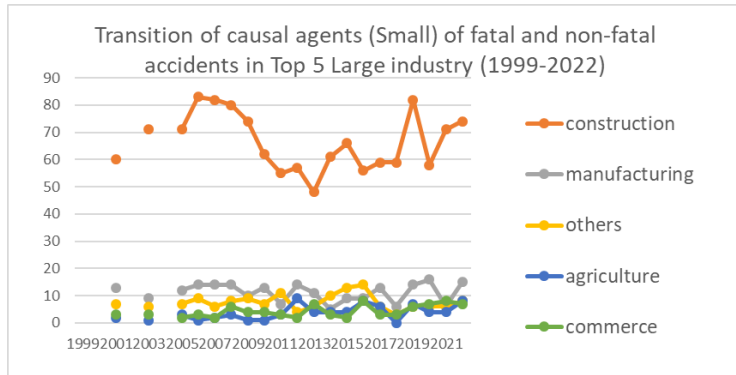
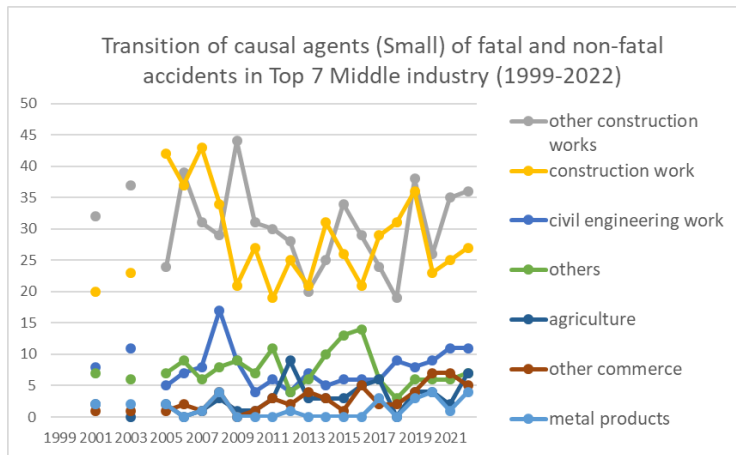


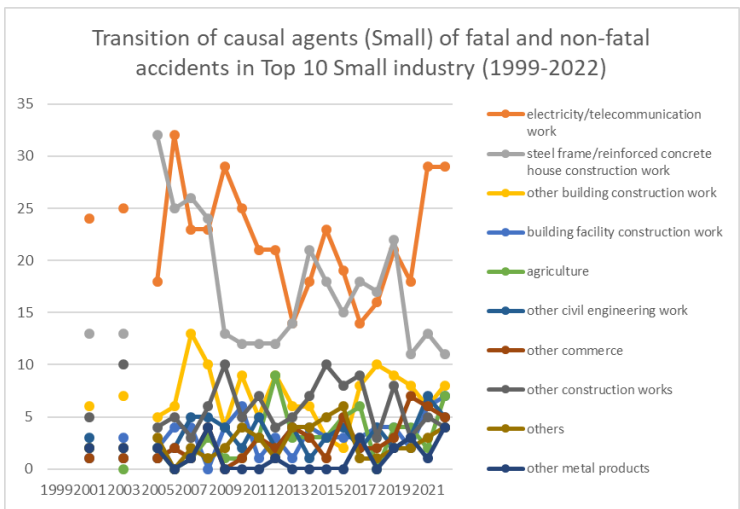
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work 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
03	construction			60		71		71	83	82	80	74	62	55	57	48	61	66	56	59	59	82	58	71	74	1,329	construction
01	manufacturing			13		9		12	14	14	14	10	13	7	14	11	5	9	9	13	6	14	16	6	15	224	manufacturing
17	others			7		6		7	9	6	8	9	7	11	4	6	10	13	14	6	3	6	6	6	8	152	others
06	agriculture			2		1		3	1	2	3	1	1	3	9	4	4	4	8	6		7	4	4	8	75	agriculture
08	commerce			3		3		2	3	2	6	4	4	3	2	7	3	2	8	3	3	6	7	8	7	86	commerce
04	transportation service					3		1	2	3	3	2	4	4	1	1	3	3	8	2	3	2	6	6	4	61	transportation service
12	education/research service							1		1								1							1	4	education/research service
07	livestock/fishery															1									1	3	livestock/fishery
09	financial business/advertisement											1											1		1	3	financial business/advertisement
15	commercial cleaning and livestock process			1					1	1	1	3	1	2			2	3	1	2	3	1	1	1		24	commercial cleaning and livestock process
11	telecommunication service			2		1			1		2			3	1		1			1						12	telecommunication service
05	cargo handling service			1		1				1	1					1				2	1					8	cargo handling service
14	hotel/restaurant/amusement service			1								1		1		2		1		1		1				8	hotel/restaurant/amusement service
13	health and hygiene service			1										1									1			3	health and hygiene service
10	movie/play service							1											1							2	movie/play service
02	mining																										mining
16	public office																										public office
	total			91		95		98	114	112	119	105	92	90	88	81	89	102	105	95	78	119	100	102	119	1,994	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work 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
																											other construction

0303	other construction works			32		37		24	39	31	29	44	31	30	28	20	25	34	29	24	19	38	26	35	36	611	works	
0302	construction work			20		23		42	37	43	34	21	27	19	25	21	31	26	21	29	31	36	23	25	27	561	construction work	
0301	civil engineering work			8		11		5	7	8	17	9	4	6	4	7	5	6	6	6	9	8	9	11	11	157	civil engineering work	
1702	others			7		6		7	9	6	8	9	7	11	4	6	10	13	14	6	3	6	6	6	7	151	others	
0601	agriculture			2				2		1	3	1	1	3	9	3	3	3	5	6		4	4	2	7	59	agriculture	
0804	other commerce			1		1		1	2	1	4		1	3	2	4	3	1	5	2	2	4	7	7	5	56	other commerce	
0112	metal products			2		2		2		1	4									3		3	4	1	4	27	metal products	
0117	other manufacturing			1		1		1	4	4	1	3	2	1	1	4	3	2	6	4	2	1	6	2	3	52	other manufacturing	
0403	road cargo transportation service					2			1	2	3	2	4	2	1	1	3	3	6	2	3	1	6	5	3	50	road cargo transportation service	
0802	retail			2		1		1	1	1	2	3				2		1	3	1	1	1		1	2	23	retail	
0113	machine products			1		3		2	1	2	1		1	1	2	2	1	1				1			2	21	machine products	
0116	electric/gas/water service							2	1	1		1		1	3			3		2		1	1		2	18	electric/gas/water service	
0115	transport equipment products			8		3		2	7	5	6	1	6	2	4	3	1	2	3	4	2	7	5	3	1	75	transport equipment products	
0602	forestry					1		1	1	1						1	1	1	3			3		2	1	16	forestry	
0401	railroad/water transportation/airline service					1			1	1				2					1					1	1	8	railroad/water transportation/airline service	
0108	chemical products										1		2		1								1			1	6	chemical products
0114	electrical equipment products											3			1	1									1	6	electrical equipment products	
0109	sand and stone products			1								1	1		1										1	5	sand and stone products	
1201	education/research service							1		1								1							1	4	education/research service	
0701	livestock										1						1								1	3	livestock	
0902	advertisement and mediator											1											1		1	3	advertisement and mediator	
1701	dispatch service																								1	1	dispatch service	
1501	commercial cleaning and livestock process			1					1	1	1	3	1	2			2	3	1	2	3	1	1	1		24	commercial cleaning and livestock process	
1101	telecommunication service			2		1			1		2			3	1		1			1						12	telecommunication service	
0110	steel making							2	1	1	1	1						1								7	steel making	
0801	wholesale					1						1	3			1						1				7	wholesale	
0501	land cargo handling service									1	1					1				2	1					6	land cargo handling service	
1403	other amusement service			1										1		2				1						5	other amusement service	
0102	textile products							1													1					2	textile products	
0107	printing/bookbinding													1							1					2	printing/bookbinding	
0404	other transportation service							1														1				2	other transportation	

030309	other construction works			5		10		4	5	3	6	10	5	7	4	5	7	10	8	9	3	8	3	5	4	121	other construction works
170209	others			2		2		3		2	1	2	4	3	1	4	4	5	6	1	1	2	2	3	4	52	others
011209	other metal products			2		2		2		1	4				1					3		2	3	1	4	25	other metal products
170201	security service			5		4		4	9	4	7	7	3	8	3	2	6	8	8	5	2	4	4	3	3	99	security service
030302	machinery/apparatus setting work			3		2		2	2	5		5	1	2	3	1		1	2	1		9	5	1	3	48	machinery/apparatus setting work
040301	general truck transportation service					2			1	2	2	2	3	2	1	1	2	2	5	2	2	1	5	4	3	42	general truck transportation service
030105	bridge construction work			1		6		1	1		6	1	1	1	1	1	1	2			2	2	1		2	30	bridge construction work
011701	auto mobile servicing			1					2	3		1	1	1	1	3			1	3	1	1	6	1	2	28	auto mobile servicing
030106	road construction work			2		2		2	1		4	1			1		2	1			1		2	2	2	23	road construction work
011301	machine products			1		3		2	1	2	1		1	1	2	2	1	1				1			2	21	machine products
011601	electric utility service							2	1	1		1		1	3			3		2		1	1		2	18	electric utility service
080209	other retails			1		1		1		1		2				2		1	2	1	1	1		1	2	17	other retails
011501	ship building			8		3		1	6	5	6	1	6	2	4	2	1	2	2	4	1	7	5	3	1	70	ship building
030102	tunnel construction work			1		2		1	3	1	1	3				2			1	1	1	2	3	1	1	24	tunnel construction work
030202	wooden house construction work							3	2					1	1			2	1			1	2		1	14	wooden house construction work
011709	other manufacturing								1		1		1			1	2	2	1	1	1				1	12	other manufacturing
060201	lumbering							1	1	1									2						1	6	lumbering
040103	airline service					1			1	1															1	4	airline service
010901	cement products											1	1												1	3	cement products
070101	livestock										1					1									1	3	livestock
090209	other advertisement and mediator											1											1		1	3	other advertisement and mediator
010899	other chemical products														1										1	2	other chemical products
030108	sand collapse prevention civil engineering work																	1							1	2	sand collapse prevention civil engineering work
011403	electronics equipment and telecommunications apparatus																								1	1	electronics equipment and telecommunications apparatus
120101	auto mobile practical training																								1	1	auto mobile practical training
170101	dispatch service																								1	1	dispatch service
150101	building maintenance service								1		1	3	1				1	2		2	2	1	1	1		16	building maintenance service
011702	machine repair					1		1	1	1		2				1		4					1			12	machine repair
110101	telecommunication service			2		1			1		2			3	1		1			1						12	telecommunication service
060209	other forestry					1									1	1	1	1				3		2		10	other forestry
080109	other wholesale					1						1	3			1						1				7	other wholesale
050101	land cargo handling service								1	1					1					2	1					6	land cargo handling service
030104	railway construction work			1					1										2					1		5	railway construction work
040302	specific truck transportation service									1						1		1					1	1		5	specific truck transportation service
150109	other cleaning and livestock process service			1										2			1	1								5	other cleaning and livestock process service

011009	other steel products							2		1	1													4	other steel products				
011409	other electrical equipment											2			1	1									4	other electrical equipment			
030109	land consolidation civil engineering work										1	1													4	land consolidation civil engineering work			
040101	railroad service													2										1		4	railroad service		
011502	auto mobile products							1																		3	auto mobile products		
030107	river civil engineering work									1																	3	river civil engineering work	
010209	other textile products							1																			2	other textile products	
010805	plastics products										1																2	plastics products	
010909	other sand and stone products			1																							2	other sand and stone products	
011001	steel/iron/rolling products											1															2	steel/iron/rolling products	
011509	other transport equipment products								1																		2	other transport equipment products	
040309	other land cargo transportation service												1														2	other land cargo transportation service	
040409	other transportation service							1																				2	other transportation service
050202	port cargo handling service			1		1																						2	port cargo handling service
080201	all kinds of retail								1		1																	2	all kinds of retail
080202	auto mobile retail			1																								2	auto mobile retail
080203	furniture/fittings retail										1	1																2	furniture/fittings retail
080401	warehousing																											2	warehousing
100109	other movie/play service							1																				2	other movie/play service
120109	other education/research service							1																				2	other education/research service
140201	general restaurant																											2	general restaurant
140301	golf course			1																								2	golf course
140309	other amusement service																											2	other amusement service
150103	other waste disposal service									1																		2	other waste disposal service
010104	bread/cake products																											1	bread/cake products
010401	lumbering																											1	lumbering
010509	other furniture																											1	other furniture
010702	bookbinding																											1	bookbinding
010709	other printing and bookbinding																											1	other printing and bookbinding
010801	non organic or organic chemical products																											1	non organic or organic chemical products
010802	chemical fiber																											1	chemical fiber
011002	casting products									1																		1	casting products
011201	western tableware/cutting tool products																											1	western tableware/cutting tool products
011204	metal plating products																											1	metal plating products
011402	electrical appliance											1																1	electrical appliance
030101	hydroelectric plant																											1	hydroelectric plant

