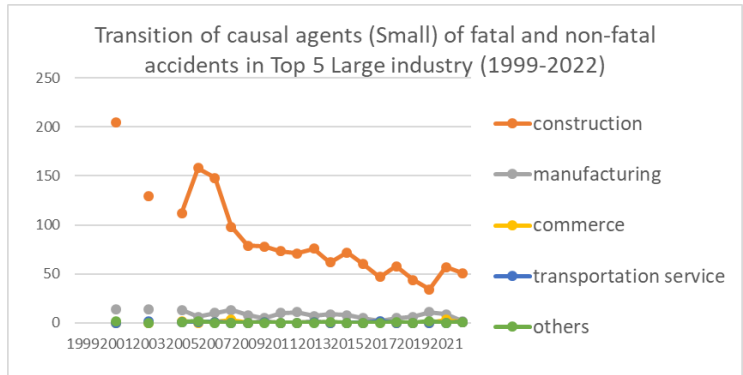
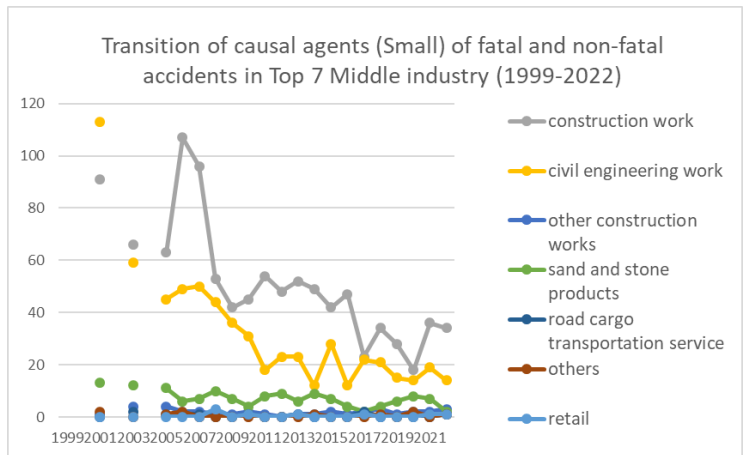


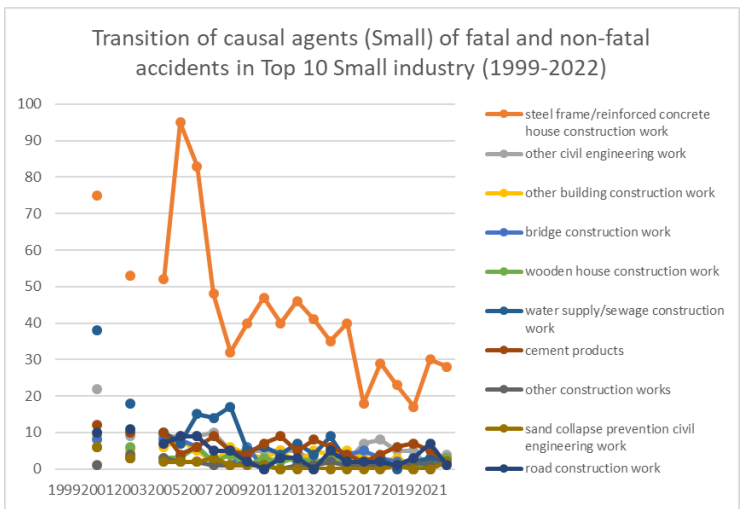
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering 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			205		129		112	158	148	98	79	78	73	71	76	62	72	60	47	58	44	34	57	51	1,712	construction	
01	manufacturing			14		14		13	6	10	13	8	5	10	11	7	9	8	5	2	5	6	11	9	2	168	manufacturing	
08	commerce							2		1	3		1			1				1				3	1	13	commerce	
04	transportation service					2		1	1	1			1			1									1	10	transportation service	
17	others			2				1	2								1				1		2		1	10	others	
14	hotel/restaurant/amusement service					1		1	1	1		1	1	2							2		1	2		13	hotel/restaurant/amusement service	
13	health and hygiene service					2		1	1				1	1			2						1	2		11	health and hygiene service	
15	commercial cleaning and livestock process			2						2	1															5	commercial cleaning and livestock process	
07	livestock/fishery							1									1							1		3	livestock/fishery	
02	mining																				1			1		2	mining	
06	agriculture			1									1													2	agriculture	
11	telecommunication service									1						1										2	telecommunication service	
05	cargo handling service										1															1	cargo handling service	
09	financial business/advertisement																											financial business/advertisement
10	movie/play service																											movie/play service
12	education/research service																											education/research service
16	public office																											public office
	total			224		148		132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75	56	1,952	total	

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering 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
0302	construction work			91		66		63	107	96	53	42	45	54	48	52	49	42	47	23	34	28	18	36	34	1,028	construction work

0301	civil engineering work			113		59		45	49	50	44	36	31	18	23	23	12	28	12	22	21	15	14	19	14	648	civil engineering work
0303	other construction works			1		4		4	2	2	1	1	2	1		1	1	2	1	2	3	1	2	2	3	36	other construction works
0109	sand and stone products			13		12		11	6	7	10	7	4	8	9	6	9	7	4	2	4	6	8	7	2	142	sand and stone products
0403	road cargo transportation service					2		1	1	1			1			1				2					1	10	road cargo transportation service
1702	others			2				1	2							1					1		2		1	10	others
0802	retail										3		1			1				1				1	1	8	retail
1401	hotel									1		1	1	2							1		1	1		8	hotel
1302	social welfare facility					1			1					1	1			1						1		6	social welfare facility
0101	food products										1		1	1			1						1			5	food products
0112	metal products			1						1	1		1						1							5	metal products
0117	other manufacturing										2										1		1	1		5	other manufacturing
1501	commercial cleaning and livestock process			2						2	1															5	commercial cleaning and livestock process
1301	medical treatment service					1		1																1	1	4	medical treatment service
0115	transport equipment products					1		1															1			3	transport equipment products
0804	other commerce							2		1																3	other commerce
1402	restaurant							1													1			1		3	restaurant
0103	fiber products							1							1											2	fiber products
0104	wood products									1						1										2	wood products
0602	forestry			1										1												2	forestry
0702	fishery							1										1								2	fishery
0801	wholesale																							2		2	wholesale
1101	telecommunication service									1						1										2	telecommunication service
1403	other amusement service					1			1																	2	other amusement service
0108	chemical products													1												1	chemical products
0110	steel making									1																1	steel making
0111	nonferrous metal making																							1		1	nonferrous metal making
0116	electric/gas/water service					1																				1	electric/gas/water service
0201	coal mining																					1				1	coal mining
0202	quarrying																							1		1	quarrying
0502	harbor transportation service										1															1	harbor transportation service
0701	livestock																							1		1	livestock
1303	other health and hygiene service																1									1	other health and hygiene service

030108	sand collapse prevention civil engineering work			6		3		2	2	2	3	1	1	1							1			2	24	sand collapse prevention civil engineering work	
030106	road construction work			10		11		7	9	9	5	5	2		3	3		5	2	2	2	1	3	7	1	87	road construction work
030102	tunnel construction work			9		2		3	2	2		1		1	6	3		5	1	2	2	1		3	1	44	tunnel construction work
030111	port/seaside construction work			3		2			2	1	4		6	1			2	1		2		2	1	1	1	29	port/seaside construction work
040301	general truck transportation service					2		1	1	1			1			1				2					1	10	general truck transportation service
170209	others			1				1									1				1		2		1	7	others
030302	machinery/apparatus setting work																		1	1				1	1	4	machinery/apparatus setting work
080209	other retails											1			1									1	1	4	other retails
030109	land consolidation civil engineering work			9		6		2	3	3	2	2	2	1	1	1			1	2	3	2	1			43	land consolidation civil engineering work
030107	river civil engineering work			6		3		3	5	1	2	2	2		1	2	2	1	1	1		1	1			36	river civil engineering work
030203	building facility construction work			1		2		2	1	2	1			1	1	1	1		1		1	1		2		18	building facility construction work
010909	other sand and stone products			1		2		1	1	1	1	2		1		1		1				1	2			15	other sand and stone products
030103	subway construction work			2		1			1		1	2	1				1									9	subway construction work
140101	hotel								1		1	1	2							1		1	1			8	hotel
130201	social welfare facility					1			1					1	1			1						1		6	social welfare facility
011209	other metal products			1						1	1		1						1							5	other metal products
011709	other manufacturing										2										1		1	1		5	other manufacturing
030104	railway construction work					1			1		1		1		1											5	railway construction work
010109	other foods										1				1			1				1				4	other foods
011501	ship building					1		1															1			3	ship building
030101	hydroelectric plant construction work							1		2																3	hydroelectric plant construction work
080409	other commerce							2		1																3	other commerce
130101	hospital					1																1	1			3	hospital
150101	building maintenance service			2						1																3	building maintenance service
170201	security service			1					2																	3	security service
010905	other ceramic products								1								1									2	other ceramic products
030301	electricity/telecommunication work							1													1					2	electricity/telecommunication work
060201	lumbering			1									1													2	lumbering
080109	other wholesale																							2		2	other wholesale
080201	all kinds of retail										2															2	all kinds of retail
080205	newspaper retail										1								1							2	newspaper retail
110101	telecommunication service								1						1											2	telecommunication service
140201	general restaurant																			1			1			2	general restaurant
010104	bread/cake products												1													1	bread/cake products
010301	over/under wear							1																		1	over/under wear

