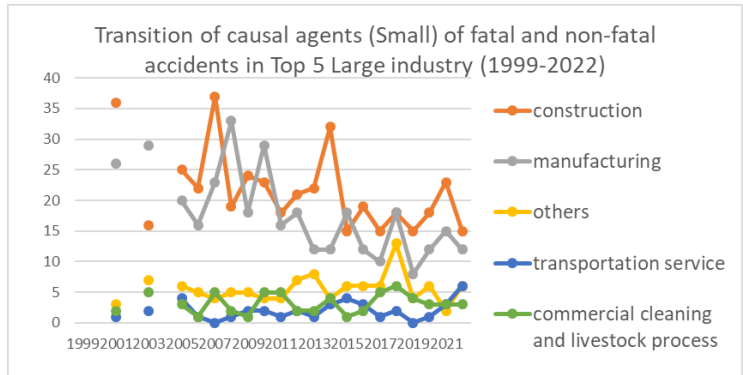
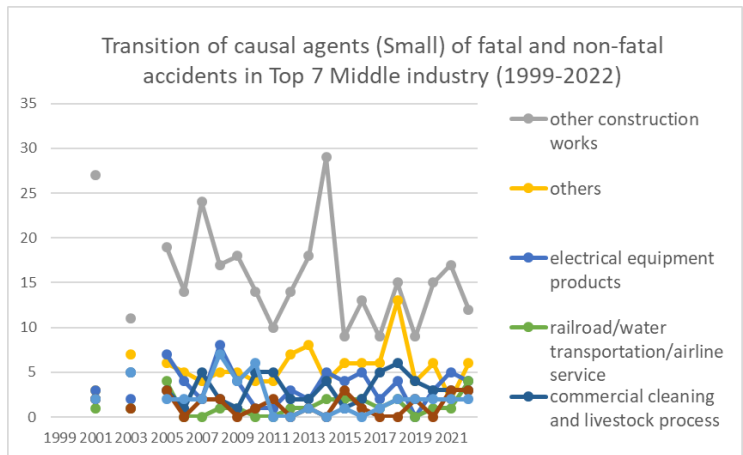


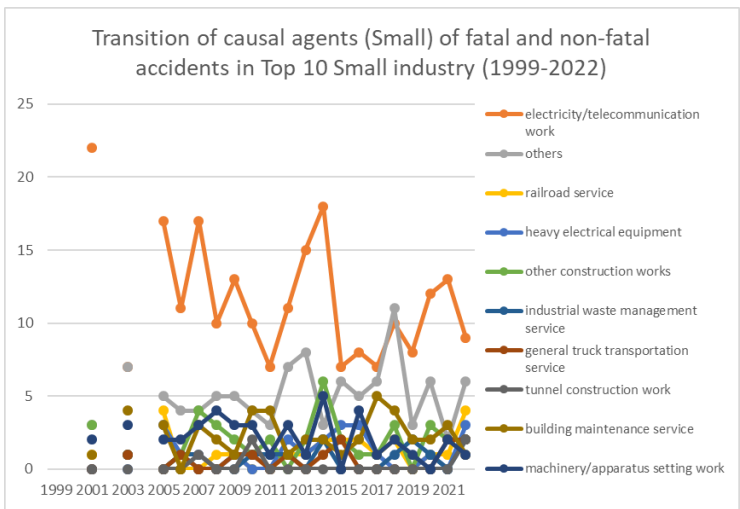
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities 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			36		16		25	22	37	19	24	23	18	21	22	32	15	19	15	18	15	18	23	15	433	construction	
01	manufacturing			26		29		20	16	23	33	18	29	16	18	12	12	18	12	10	18	8	12	15	12	357	manufacturing	
17	others			3		7		6	5	4	5	5	4	4	7	8	4	6	6	6	13	4	6	2	6	111	others	
04	transportation service			1		2		4	1		1	2	2	1	2	1	3	4	3	1	2		1	3	6	40	transportation service	
15	commercial cleaning and livestock process			2		5		3	1	5	2	1	5	5	2	2	4	1	2	5	6	4	3	3	3	64	commercial cleaning and livestock process	
08	commerce			1		3		3	3	1	4		4	5	1	1	4	2			2	4	4	4	1	47	commerce	
14	hotel/restaurant/amusement service			3				1	1		1	1	1	1	2	1	1		2	1		1			1	18	hotel/restaurant/amusement service	
12	education/research service					1				1			1		1	1		1				1			1	8	education/research service	
13	health and hygiene service															1				2				1	1	5	health and hygiene service	
11	telecommunication service							1			1													1		3	telecommunication service	
02	mining			1				1		1			1		1					1						6	mining	
07	livestock/fishery								1						1							1	1			4	livestock/fishery	
05	cargo handling service							1					1											1		3	cargo handling service	
06	agriculture												1						1							2	agriculture	
09	financial business/advertisement					1														1						2	financial business/advertisement	
10	movie/play service																											movie/play service
16	public office																											public office
	total			73		64		65	50	72	66	51	72	50	56	49	60	47	45	42	59	38	45	52	47	1,103	total	

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities 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			27		11		19	14	24	17	18	14	10	14	18	29	9	13	9	15	9	15	17	12	314	works	
1702	others			3		7		6	5	4	5	5	4	4	7	8	4	6	6	6	13	4	6	2	6	111	others	
0114	electrical equipment products			3		2		7	4	2	8	4	1	1	3	2	5	4	5	2	4		3	5	4	69	electrical equipment products	
0401	railroad/water transportation/airline service			1		1		4			1	1			1	1	2	2	2	1	2		1	1	4	25	railroad/water transportation/airline service	
1501	commercial cleaning and livestock process			2		5		3	1	5	2	1	5	5	2	2	4	1	2	5	6	4	3	3	3	64	commercial cleaning and livestock process	
0117	other manufacturing			2		1		3		2	2		1	2		1		3	1			2		3	3	26	other manufacturing	
0113	machine products			2		5		2	2	2	7	4	6			1		1		1	2	2	2	2	2	43	machine products	
0301	civil engineering work			1		1		3	2	2		1	4	2			1	1	2	1	1	1		2	2	27	civil engineering work	
0403	road cargo transportation service					1			1			1	2	1	1		1	2						2	2	14	road cargo transportation service	
0106	pulp/paper processing products					1				1						3					1				2	8	pulp/paper processing products	
0302	construction work			8		4		3	6	11	2	5	5	6	7	4	2	5	4	5	2	5	3	4	1	92	construction work	
0115	transport equipment products			4		2		1	3	4	5		3	2	1	1	3	1		1	1	2	2		1	37	transport equipment products	
0801	wholesale					1					1		2			1							2	3	1	11	wholesale	
1201	education/research service					1				1			1		1	1		1			1				1	8	education/research service	
1403	other amusement service											1	1	1			1		2			1			1	8	other amusement service	
1302	social welfare facility														1				1					1	1	4	social welfare facility	
1101	telecommunication service							1			1														1	3	telecommunication service	
0116	electric/gas/water service			4		6		5	1	2	4	1	6	3	2			1						1	1		37	electric/gas/water service
0112	metal products			3		3		1	1	3	1	3	1	3	2	2		1	1	1	2	1	1			30	metal products	
0108	chemical products			2		5		1		1	1	1	2		4	1	1		2	3	2	1	1			28	chemical products	
0101	food products			1		1			1	3		2	3	2	2		1	3	1	1	1		1	1		24	food products	
0802	retail							2	2	1	2		2	2			3	2			2	4	1	1		24	retail	
0109	sand and stone products			2		1			1		3	2	2	1		1		1	1		1			1		17	sand and stone products	
0110	steel making			1		1			1	1	1		2	1			1	1			3		1	1		15	steel making	
0804	other commerce			1		2		1	1		1			3	1		1						1			12	other commerce	
0104	wood products					1			1					1	2		1	1	1	1						9	wood products	
0111	nonferrous metal making			2						1	1		2													6	nonferrous metal making	
0202	quarrying			1				1		1			1							1						5	quarrying	
1401	hotel			2				1			1				1											5	hotel	
1402	restaurant			1					1						1	1				1						5	restaurant	
0701	livestock								1						1							1	1			4	livestock	

0102	textile products									1		1				1									3	textile products			
0103	fiber products									1						1									3	fiber products			
0502	harbor transportation service									1													1		3	harbor transportation service			
0601	agriculture																							1		2	agriculture		
0105	furniture																								1		1	furniture	
0107	printing/bookbinding																									1		1	printing/bookbinding
0203	other mining															1											1	other mining	
0402	road passenger transport service																										1	road passenger transport service	
0901	financial business							1																			1	financial business	
0902	advertisement and mediator																											1	advertisement and mediator
1301	medical treatment service																											1	medical treatment service
0201	coal mining																												coal mining
0404	other transportation service																												other transportation service
0501	land cargo handling service																												land cargo handling service
0602	forestry																												forestry
0702	fishery																												fishery
0803	haircut/beauty salon																												haircut/beauty salon
1001	movie/play service																												movie/play service
1303	other health and hygiene service																												other health and hygiene service
1601	public office																												public office
1701	dispatch service																												dispatch service
	total			73		64		65	50	72	66	51	72	50	56	49	60	47	45	42	59	38	45	52	47	1,103	total		

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities in Small 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
030301	electricity/telecommunication work			22		7		17	11	17	10	13	10	7	11	15	18	7	8	7	10	8	12	13	9	232	electricity/telecommunication work
170209	others			3		7		5	4	4	5	5	4	3	7	8	3	6	5	6	11	3	6	2	6	103	others
040101	railroad service			1		1		4			1	1			1	1	2	2	2	1	2		1	1	4	25	railroad service
011401	heavy electrical equipment							3	1			1			2	1	2	3	3	1			1		3	21	heavy electrical equipment
030309	other construction works			3		1			1	4	3	2	1	2		2	6	2	1	1	3		3	2	2	39	other construction works
150102	industrial waste management service					1			1	1			1	1	1		2				1	2	1		2	14	industrial waste management service
040301	general truck transportation service					1			1			1	1		1		1	2						2	2	12	general truck transportation service
030102	tunnel construction work									1			2												2	5	tunnel construction work
150101	building maintenance service			1		4		3		3	2	1	4	4	1	2	2	1	2	5	4	2	2	3	1	47	building maintenance service

030302	machinery/apparatus setting work			2		3		2	2	3	4	3	3	1	3	1	5		4	1	2	1		2	1	43	machinery/apparatus setting work
011301	machine products			1		5		1	2	2	6	3	6			1		1			2	2	2	2	1	37	machine products
030201	steel frame/reinforced concrete house construction work			4		1		3	3	3		2	3	1	2		1	3	1	2		1	1	1	1	33	steel frame/reinforced concrete house construction work
011501	ship building					1			1	4	3		1	1		1					2				1	16	ship building
011403	electronics equipment and telecommunications apparatus					1		2		1		2			1	1				1	3		1		1	14	electronics equipment and telecommunications apparatus
011709	other manufacturing			1		1		2		1	1			2			2							2	1	13	other manufacturing
080109	other wholesale					1					1		2			1							2	3	1	11	other wholesale
120109	other education/research service					1				1			1		1	1					1				1	7	other education/research service
010601	pulp/paper														3						1				1	5	pulp/paper
130201	social welfare facility														1				1				1		1	4	social welfare facility
140309	other amusement service										1							1			1				1	4	other amusement service
011305	other precision machine products			1																1					1	3	other precision machine products
011701	auto mobile servicing							1					1												1	3	auto mobile servicing
110101	telecommunication service							1			1														1	3	telecommunication service
011703	cleaning														1										1	2	cleaning
010602	paper processing products																								1	1	paper processing products
011601	electric utility service			4		6		4	1	2	2	1	5	3	2			1					1	1		33	electric utility service
030209	other building construction work			2		1			1	6	2	1		1	2	3	1	1	1	1	2	2		3		30	other building construction work
011409	other electrical equipment			3				2	2	1	6		1	1			3	1	2		1		1	5		29	other electrical equipment
011209	other metal products			1		2		1	1	2	1	3	1	3	1	2		1		1	2	1	1			24	other metal products
030203	building facility construction work			1		2			1	1		2	2	4	3				2	2		2	2			24	building facility construction work
011502	auto mobile products			4				1	1		1		2	1	1		3			1			2			17	auto mobile products
080209	other retails							1	2		2		1	2			3	2			2	1				16	other retails
011001	steel/iron/rolling products			1		1			1		1		1				1	1			3		1	1		12	steel/iron/rolling products
010909	other sand and stone products			1					1		3	1	2	1					1		1					11	other sand and stone products
080409	other commerce			1		1		1	1		1			3	1		1						1			11	other commerce
030199	other civil engineering work					1		1	2	1				2				1		1						9	other civil engineering work
010109	other foods					1							2				2		1	1		1				8	other foods
010104	bread/cake products									2			1	1	2									1		7	bread/cake products
010801	non organic or organic chemical products					1		1			1			1	1			1								7	non organic or organic chemical products
170201	security service							1						1			1		1		2	1				7	security service
010805	plastics products					3						1			1							1				6	plastics products
011702	machine repair			1							1							1	1			2				6	machine repair
010401	lumbering					1								1	1		1			1						5	lumbering

011402	electrical appliance					1			1		2	1											5	electrical appliance		
030106	road construction work			1				1							1					1			1	5	road construction work	
030202	wooden house construction work			1				1	1					1		1								5	wooden house construction work	
140101	hotel			2				1						1										5	hotel	
140201	general restaurant			1				1						1	1								1	5	general restaurant	
010899	other chemical products			2		1								1										4	other chemical products	
010901	cement products			1								1										1		4	cement products	
011109	other nonferrous metal products			1					1	1		1												4	other nonferrous metal products	
070101	livestock							1						1								1	1	4	livestock	
010102	fishery products								1		1		1											3	fishery products	
010309	other fiber products							1						1								1		3	other fiber products	
010409	other lumber and wood products													1								1	1	3	other lumber and wood products	
010803	pharmaceuticals																						3	3	pharmaceuticals	
010804	petroleum/coal products													2									1	3	petroleum/coal products	
011203	metal press products			1										1									1	3	metal press products	
011603	city water service										2		1											3	city water service	
020202	gravel digging										1		1										1	3	gravel digging	
030111	port/seaside construction work																						2		3	port/seaside construction work
080201	all kinds of retail							1															2	3	all kinds of retail	
140302	park and amusement park											1	1										1	3	park and amusement park	
150109	other cleaning and livestock process service			1								1											1	3	other cleaning and livestock process service	
010101	meat/dairy products																						1	2	meat/dairy products	
010105	alcoholic drinks							1				1												2	alcoholic drinks	
010204	dyeing																						1	2	dyeing	
010609	other pulp/paper processing products							1																2	other pulp/paper processing products	
010802	chemical fiber																							2	chemical fiber	
010809	chemical fertilizer products																							2	chemical fertilizer products	
010902	glass products							1															1	2	glass products	
011002	casting products																							2	casting products	
011101	nonferrous metals/rolling products			1																				2	nonferrous metals/rolling products	
011201	western tableware/cutting tool products			1																				2	western tableware/cutting tool products	
011302	measuring instruments																							2	measuring instruments	
011503	railway vehicle products							1																2	railway vehicle products	
011509	other transport equipment products																							2	other transport equipment products	
011704	tobacco products																							2	tobacco products	







