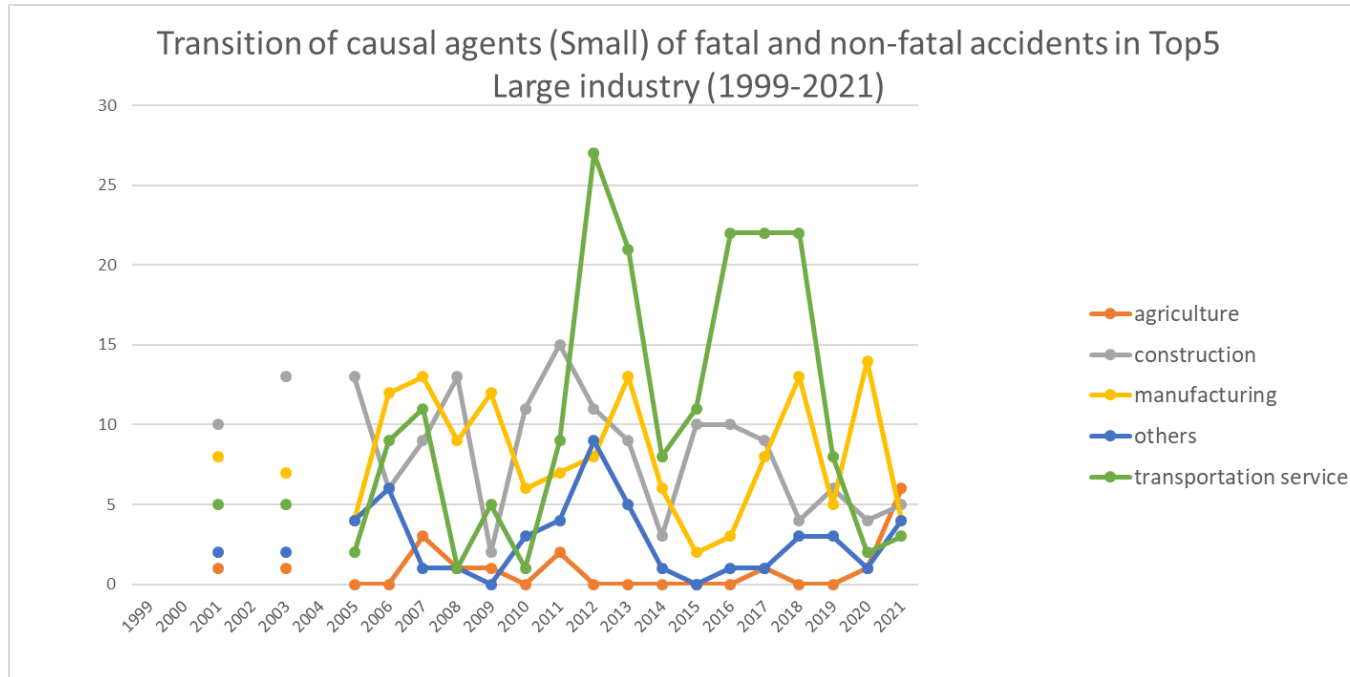
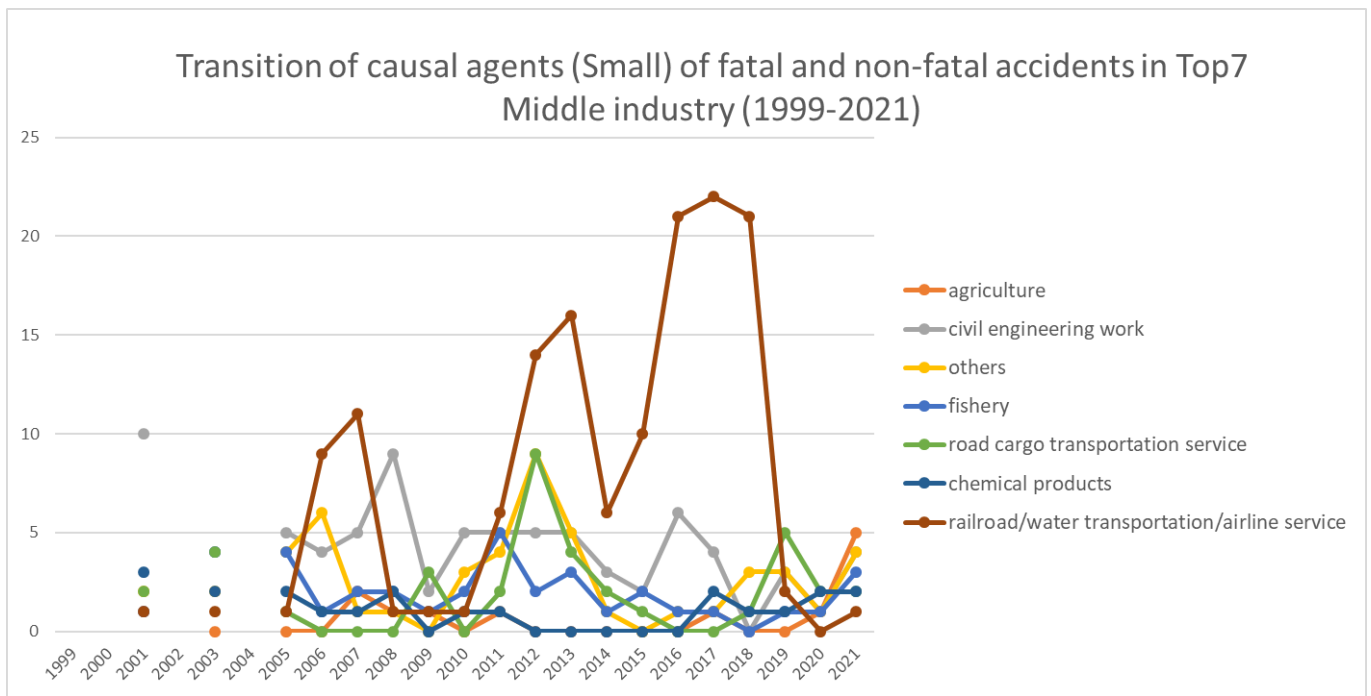


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment (1999-2021)

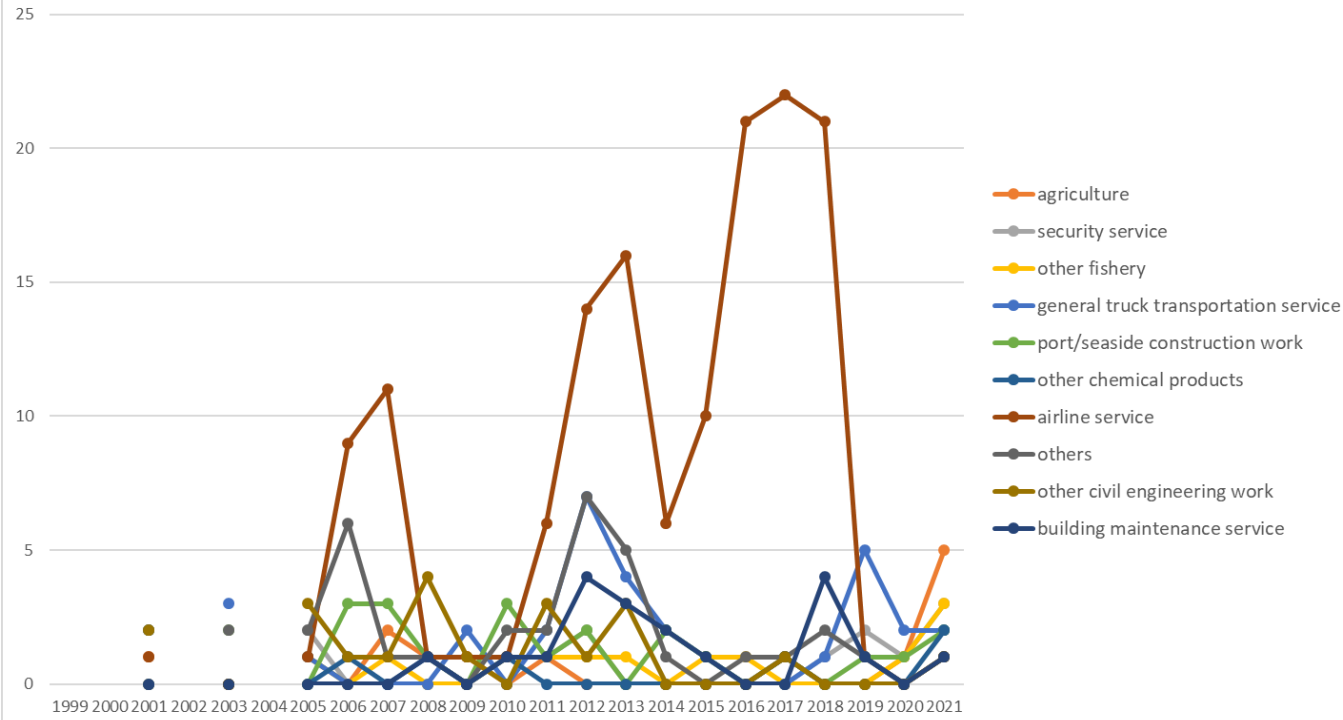


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment 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. 714 abnormal environment in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment 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
06	agriculture			1		1				3	1	1		2						1			1	6	17	agriculture
03	construction			10		13		13	6	9	13	2	11	15	11	9	3	10	10	9	4	6	4	5	163	construction
01	manufacturing			8		7		4	12	13	9	12	6	7	8	13	6	2	3	8	13	5	14	4	154	manufacturing
17	others			2		2		4	6	1	1		3	4	9	5	1		1	1	3	3	1	4	51	others
04	transportation service			5		5		2	9	11	1	5	1	9	27	21	8	11	22	22	22	8	2	3	194	transportation service
07	livestock/fishery			1		4		4	1	2	4	2	2	5	3	3	1	5	3	2	1	1	1	3	48	livestock/fishery
08	commerce			9		1		7	2		2	2	7	6	10	2	2	2	4	2	5	2		1	66	commerce

14	hotel/restaurant/amusement service			1		3		3	3	2	7	1	4	2	2		1	2	3	5	1	2	2	1	45	hotel/restaurant/amusement service
15	commercial cleaning and livestock process			3					1		2		3	1	8	4	2	1	2	1	5	4	5	1	43	commercial cleaning and livestock process
13	health and hygiene service			4		3		2			2		4	2	3	3				2	8		2		35	health and hygiene service
05	cargo handling service			1				1	1	1		1	1	1	2			1	1		1				12	cargo handling service
09	financial business/advertisement			1		1				1				2		1	1	1			1				9	financial business/advertisement
11	telecommunication service									2	1	1	1		1			1	1	1					9	telecommunication service
12	education/research service								1			1	1		1	1		1	1						7	education/research service
02	mining									1					1										2	mining
16	public office							1							1										2	public office
10	movie/play service												1												1	movie/play service
	total			46		40		41	41	44	45	27	44	59	83	65	26	35	51	55	65	31	32	28	858	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment 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
0601	agriculture			1						2	1	1		1						1			1	5	13	agriculture
0301	civil engineering work			10		4		5	4	5	9	2	5	5	5	5	3	2	6	4		3	1	4	82	civil engineering work
1702	others			2		2		4	6	1	1		3	4	9	5	1		1	1	3	3	1	4	51	others
0702	fishery			1		4		4	1	2	2	1	2	5	2	3	1	2	1	1		1	1	3	37	fishery
0403	road cargo transportation service			2		4		1				3		2	9	4	2	1			1	5	2	2	38	road cargo transportation service
0108	chemical products			3		2		2	1	1	2		1	1						2	1	1	2	2	21	chemical products
0401	railroad/water transportation/airline service			1		1		1	9	11	1	1	1	6	14	16	6	10	21	22	21	2		1	145	railroad/water transportation/airline service

030302	machinery/apparatus setting work					2		5											1	1			9	machinery/apparatus setting work
080201	all kinds of retail							2			2	1			1	1	1	1					9	all kinds of retail
110101	telecommunication service								2	1	1	1		1			1	1	1				9	telecommunication service
140101	hotel							2	1			2				1	1			1	1		9	hotel
150102	industrial waste management service											1		2			2	1	1		2		9	industrial waste management service
011709	other manufacturing			2				1				3								1	1		8	other manufacturing
140302	park and amusement park									2				1				3		1	1		8	park and amusement park
150109	other cleaning and livestock process service			1						1	1		2	1						1	1		8	other cleaning and livestock process service
010801	non organic or organic chemical products			2				1		1		1									2		7	non organic or organic chemical products
011403	electronics equipment and telecommunications apparatus					2				1	1			1							2		7	electronics equipment and telecommunications apparatus
030203	building facility construction work					1		1		1						3							7	building facility construction work
050101	land cargo handling service			1						1		1	1	2					1				7	land cargo handling service
120109	other education/research service									1		1	1		1	1		1	1				7	other education/research service
150103	other waste disposal service			2				1												2	2		7	other waste disposal service
010901	cement products			1						1				1	1	1					1		6	cement products
030301	electricity/telecommunication work									1				1		1	1	1	1				6	electricity/telecommunication work
040201	taxi service			1							1		1	2	1								6	taxi service
080409	other commerce			2				1					1	1			1						6	other commerce

010102	fishery products			1					1			1			1	1						5	fishery products
010805	plastics products			1	2	1											1					5	plastics products
011101	nonferrous metals/rolling products							1	1		3											5	nonferrous metals/rolling products
011502	auto mobile products								1		1						1	2				5	auto mobile products
040202	bus service			1									2				1		1			5	bus service
140301	golf course									2		1	1	1								5	golf course
011001	steel/iron/rolling products					1	1						1						1			4	steel/iron/rolling products
090103	insurance business				1			1					2									4	insurance business
010105	alcoholic drinks				1				1				1									3	alcoholic drinks
010106	soft drinks									2							1					3	soft drinks
010402	plywood													3								3	plywood
010909	other sand and stone products								1		1							1				3	other sand and stone products
011301	machine products						1									1		1				3	machine products
030102	tunnel construction work											1		1					1			3	tunnel construction work
040303	cargo/ light automobile transportation service				1						1		1									3	cargo/ light automobile transportation service
050202	port cargo handling service					1	1								1							3	port cargo handling service
130301	bathroom										1	1							1			3	bathroom
010101	meat/dairy products												2									2	meat/dairy products
010701	printing service										1								1			2	printing service
011002	casting products								1					1								2	casting products
011009	other steel products						1														1	2	other steel products
011204	metal plating products															1					1	2	metal plating products
011509	other transport equipment products										1								1			2	other transport equipment products

