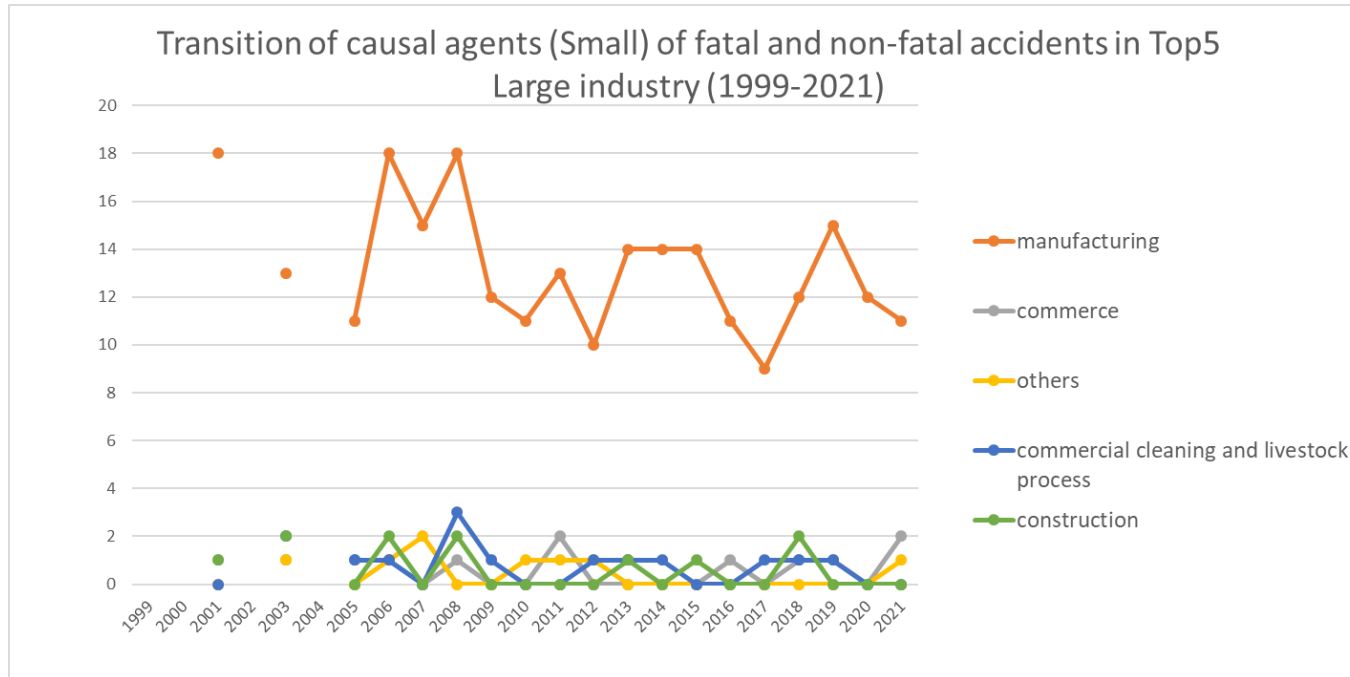
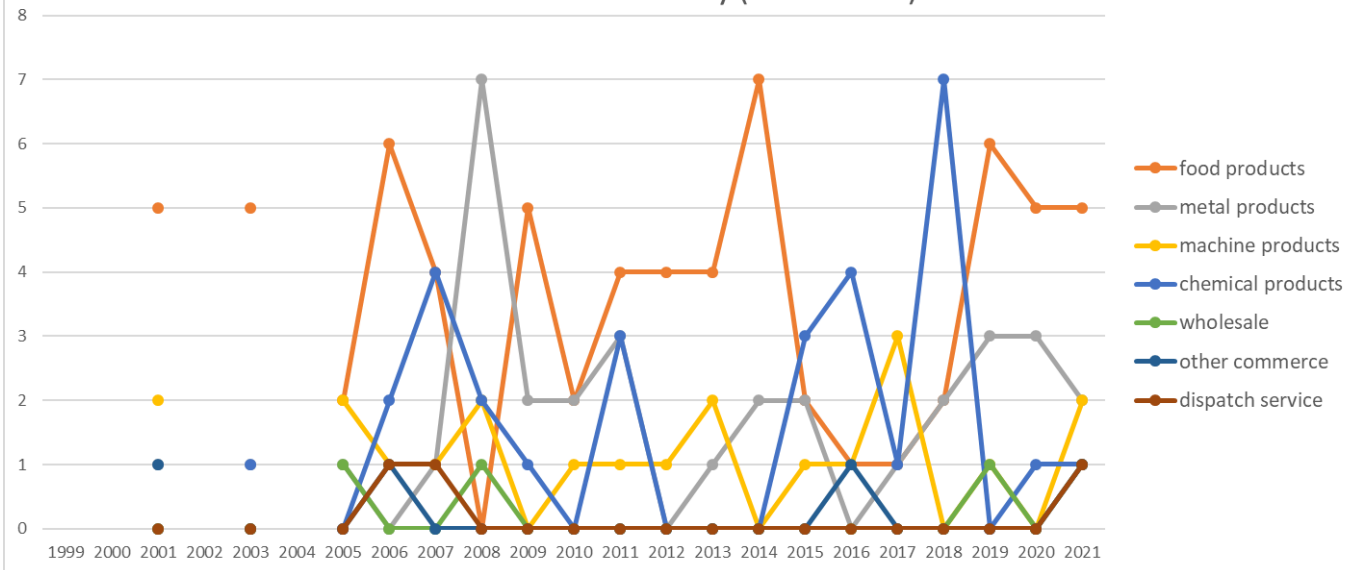


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 161 centrifugal machine (1999-2021)



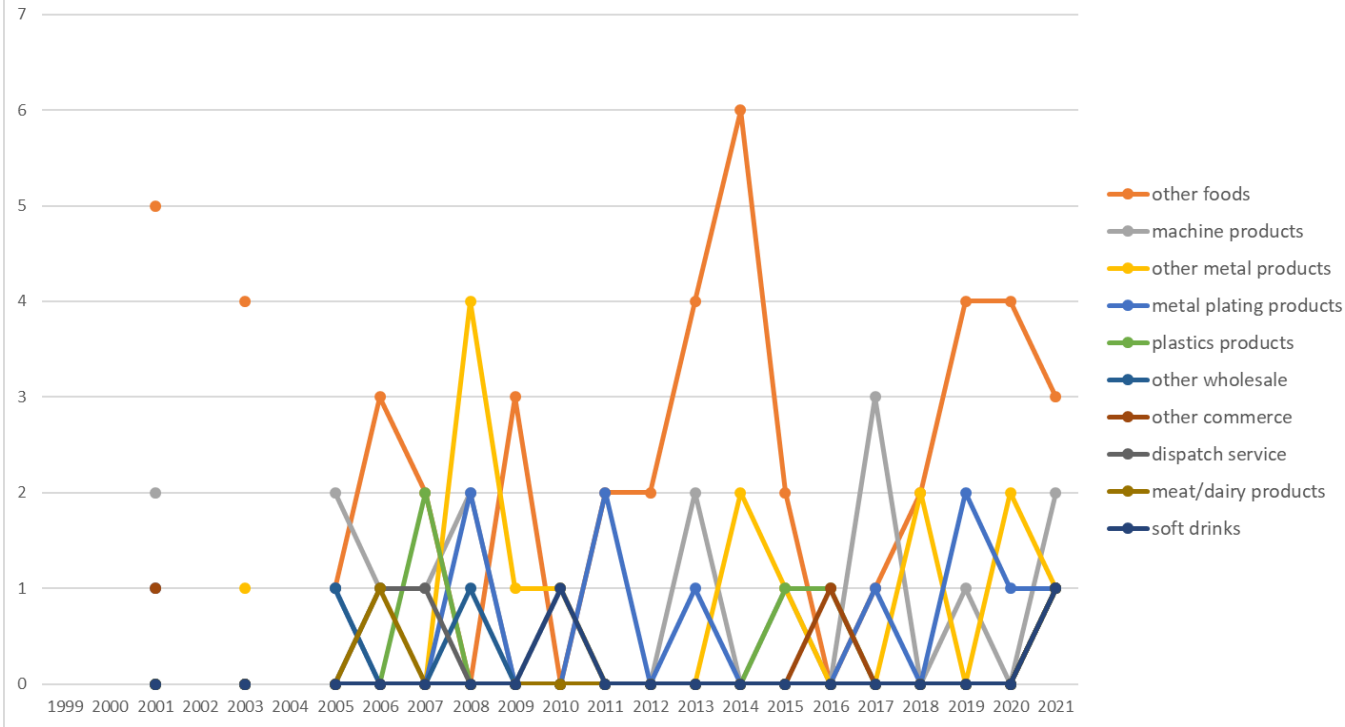
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 161 centrifugal machine in Large industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents in Top7 Middle industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 161 centrifugal machine 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. 161 centrifugal machine in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 161 centrifugal machine 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
01	manufacturing			18		13		11	18	15	18	12	11	13	10	14	14	14	11	9	12	15	12	11	251	manufacturing
08	commerce			1		1		1	1		1		2						1		1	1		2	12	commerce
17	others					1		1	2			1	1	1										1	8	others
15	commercial cleaning and livestock process					2		1	1		3	1			1	1	1			1	1	1			14	commercial cleaning and livestock process
03	construction			1		2		2			2					1	1				2				11	construction
06	agriculture										1						1				1	1			4	agriculture
	hotel/restaurant/amusement																									hotel/restaurant/amusement

0902	advertisement and mediator																									advertisement and mediator
1001	movie/play service																									movie/play service
1101	telecommunication service																									telecommunication service
1303	other health and hygiene service																									other health and hygiene service
1401	hotel																									hotel
1601	public office																									public office
	total			21		21		16	24	18	25	13	12	16	13	18	16	15	13	11	17	18	12	14	313	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 161 centrifugal machine in Small industry (1999-2021)

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	total	Small industry
010109	other foods			5		4		1	3	2		3		2	2	4	6	2		1	2	4	4	3	48	other foods
011301	machine products			2				2	1	1	2		1			2		1		3		1		2	18	machine products
011209	other metal products					1					4	1	1				2	1			2		2	1	15	other metal products
011204	metal plating products			1				1			2			2		1				1		2	1	1	12	metal plating products
010805	plastics products									2								1	1					1	5	plastics products
080109	other wholesale							1			1													1	3	other wholesale
080409	other commerce			1															1					1	3	other commerce
170101	dispatch service								1	1														1	3	dispatch service
010101	meat/dairy products								1															1	2	meat/dairy products
010106	soft drinks												1											1	2	soft drinks
010701	printing service									1														1	2	printing service
010901	cement products			1		4		2	2		1			1	1	2		2		1		1	1		19	cement products

010801	non organic or organic chemical products							1		1	1		1						2	1	1	3		1			12	non organic or organic chemical products
011703	cleaning			1				1	1			1		1	1	1			1	1							10	cleaning
010103	agricultural food products						1	1	1		1		1	2									2				9	agricultural food products
011001	steel/iron/rolling products			4						1					1			1									7	steel/iron/rolling products
011709	other manufacturing							1	1		1	2		1	1												7	other manufacturing
010899	other chemical products								1											1		4					6	other chemical products
010909	other sand and stone products						1	1		1					1		1	1									6	other sand and stone products
150102	industrial waste management service									1	1			1	1	1							1				6	industrial waste management service
011002	casting products													1		2	1								1		5	casting products
011102	nonferrous metals casting products			1			1			1				1			1										5	nonferrous metals casting products
030302	machinery/apparatus setting work			1		1				1					1		1										5	machinery/apparatus setting work
150101	building maintenance service								2		1											1	1				5	building maintenance service
170209	others					1				1			1	1	1												5	others
010102	fishery products					1			1	1												1					4	fishery products
010209	other textile products			1		1		1	1																		4	other textile products
011202	screw products									1	1	1		1													4	screw products
011502	auto mobile products			1						2	1																4	auto mobile products
060101	agriculture										1					1						1	1				4	agriculture
010104	bread/cake products													1		1									1		3	bread/cake products
010204	dyeing						1						1											1			3	dyeing
010601	pulp/paper							1			2																3	pulp/paper
010806	rubber products							1						1													3	rubber products

010902	glass products					1															1	glass products		
010905	other ceramic products															1						1	other ceramic products	
011109	other nonferrous metal products																					1	other nonferrous metal products	
011401	heavy electrical equipment																					1	heavy electrical equipment	
011402	electrical appliance															1							1	electrical appliance
020201	quarrying															1							1	quarrying
030202	wooden house construction work																						1	wooden house construction work
040301	general truck transportation service																						1	general truck transportation service
070101	livestock																						1	livestock
080101	all kinds of wholesale																						1	all kinds of wholesale
080204	fuel retail																						1	fuel retail
080401	warehousing																						1	warehousing
120109	other education/research service																						1	other education/research service
130102	general clinic																						1	general clinic
140209	other restaurants																						1	other restaurants
140301	golf course																						1	golf course
150109	other cleaning and livestock process service																						1	other cleaning and livestock process service
010201	silk-reeling																							silk-reeling
010202	cotton-spinning																							cotton-spinning
010203	weaving																							weaving
010301	over/under wear																							over/under wear

