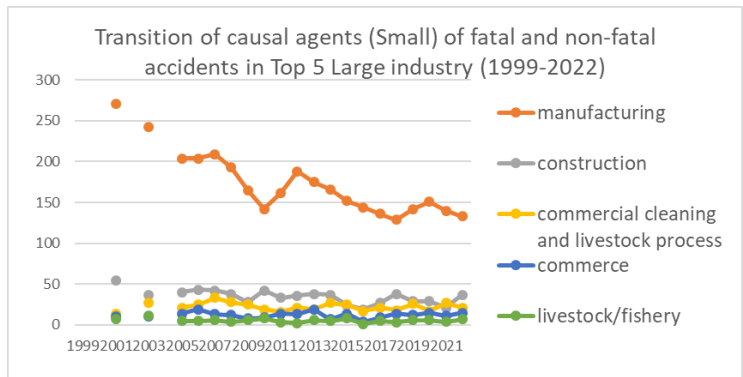
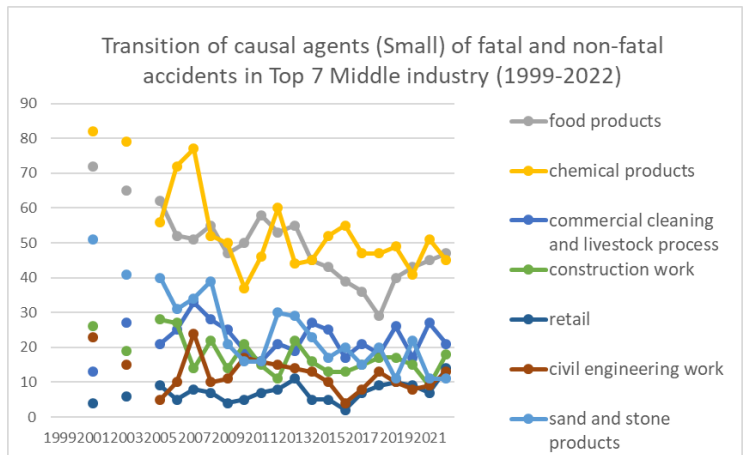


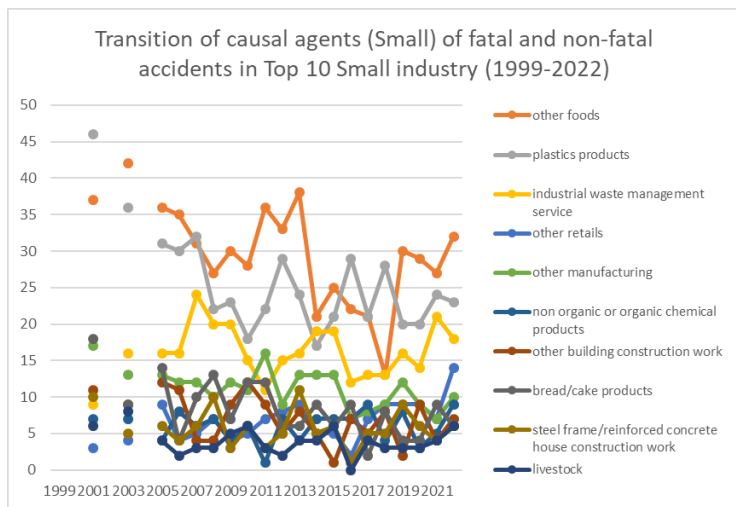
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 162 mixer, grinder (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 162 mixer, grinder in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 162 mixer, grinder in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 162 mixer, grinder in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 162 mixer, grinder 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	
01	manufacturing			271		242		204	204	209	193	165	142	162	188	175	166	152	144	136	129	142	151	140	133	3,448	manufacturing	
03	construction			54		37		40	43	42	38	28	42	33	36	38	37	24	19	27	38	29	29	21	37	692	construction	
15	commercial cleaning and livestock process			13		27		21	25	33	28	25	19	16	21	19	27	25	17	21	18	26	17	27	21	446	commercial cleaning and livestock process	
08	commerce			10		10		14	19	13	12	8	9	14	13	19	7	14	4	9	14	12	15	11	15	242	commerce	
07	livestock/fishery			7		11		5	5	6	4	6	8	3	2	6	5	8	1	5	3	6	6	4	7	108	livestock/fishery	
06	agriculture			1		4			2	4	4	6	3	7	4	2	2	4	1	2	3	7	4	5	6	71	agriculture	
02	mining			18		11		10	10	12	5	9	4	3	5	8	2	5	5	7	2	4	5	2	4	131	mining	
14	hotel/restaurant/amusement service			5		2		4	7	5	3	5	3	4	8	8	5	11	4	3	4	6	3	4	3	97	hotel/restaurant/amusement service	
13	health and hygiene service			1		2		3	2	2	3	1	5	2	4	2	1	2	1	4	3	7	3	6	3	57	health and hygiene service	
17	others			5		3		5	3	3	5	4	5	2	3	2	2	3	3	4	2	1	2	3	1	61	others	
04	transportation service			1		5		1	3	1	3		3	1		2	1	1		2	6	2	2	1		35	transportation service	
12	education/research service			2				4	1			4		1			1		1			1	1	1		17	education/research service	
05	cargo handling service			1		1		1		1	2	1				1		1			1					10	cargo handling service	
16	public office					1														1	1					3	public office	
09	financial business/advertisement																		1							1	financial business/advertisement	
11	telecommunication service							1																		1	telecommunication service	
10	movie/play service																											movie/play service
	total			389		356		313	324	331	300	262	243	248	284	282	256	250	201	221	224	243	238	225	230	5,420	total	

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 162 mixer, grinder 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
0101	food products			72		65		62	52	51	55	47	50	58	53	55	45	43	39	36	29	40	43	45	47	987	food products

140101	hotel								1		1			1	2	1	1		1	1	1	1			1	12	hotel
030110	water supply/sewage construction work			2		1				1						1	3			1				1	1	11	water supply/sewage construction work
010402	plywood					1		1		2			1						1	1			1		1	10	plywood
030301	electricity/telecommunication work					1						1	1						1					1	1	7	electricity/telecommunication work
020309	other mining			1		1		1											1						1	6	other mining
030105	bridge construction work									1														1	1	5	bridge construction work
010204	dyeing			1												2									1	4	dyeing
150105	livestock process service							1																	1	2	livestock process service
010903	pottery products			3		2		6	7	4	2	2	1		1		1			1						33	pottery products
020202	gravel digging			4		4		2	4	3		3	2	1	1		1	2			1	3	1	1		33	gravel digging
150109	other cleaning and livestock process service					2		4	3	2	1	2	4	2		4	2			1	2			3		32	other cleaning and livestock process service
010409	other lumber and wood products			1		1		1	4	4	2	1	3		1	1	2	2			1	2	3	1		30	other lumber and wood products
030109	land consolidation civil engineering work					3		2	4		4	1	1	3	3	1	2		1	1	3			1		30	land consolidation civil engineering work
011102	nonferrous metals casting products			3		1		3	2	2		1		2	2	3	2		2	1	1	2	1			28	nonferrous metals casting products
040301	general truck transportation service			1		3		1	2	1	3		2	1		1		2	6	2	2					28	general truck transportation service
010105	alcoholic drinks			3		1		3	3	1	1			1	1		2	1	1		1	2	1	3		25	alcoholic drinks
010804	petroleum/coal products			3				3	2		1	1	1	4	1	1	2	1		1	1					22	petroleum/coal products
011403	electronics equipment and telecommunications apparatus			1		3		2		3	1			1	2	1	2			1		1	1	2		21	electronics equipment and telecommunications apparatus
011109	other nonferrous metal products			2		2				2	2		1	1		1		1	1	3		1	2			19	other nonferrous metal products
150101	building maintenance service			2		1				1		1	1	1	1	2	1		4		1	1	1			19	building maintenance service
011001	steel/iron/rolling products			1		3		2	1	2		1			1		1			1	3			1		17	steel/iron/rolling products
010601	pulp/paper			3		1		1	3	1	2				2		3									16	pulp/paper
120109	other education/research service			1				4	1			4		1			1			1	1	1				16	other education/research service
011702	machine repair					2		2	2	1		1	1	1	2	1				2						15	machine repair
010902	glass products			2		1		2	1				1		1	1	1			1	1			1	1	14	glass products
010609	other pulp/paper processing products			3		3							1	1	3		1		1							13	other pulp/paper processing products
011009	other steel products							1	3	2				1	1				2				1	2		13	other steel products
080409	other commerce			2				2	2	1		1	1	1		1	1	1								13	other commerce
130101	hospital					2		2	1	2				1		1					2			1		12	hospital
020209	other quarrying			1				1	1	3	1	1			1											9	other quarrying
080201	all kinds of retail			1		2		1	3						1						1					9	all kinds of retail
011305	other precision machine products							1		1		1		1		2				1				1		8	other precision machine products

