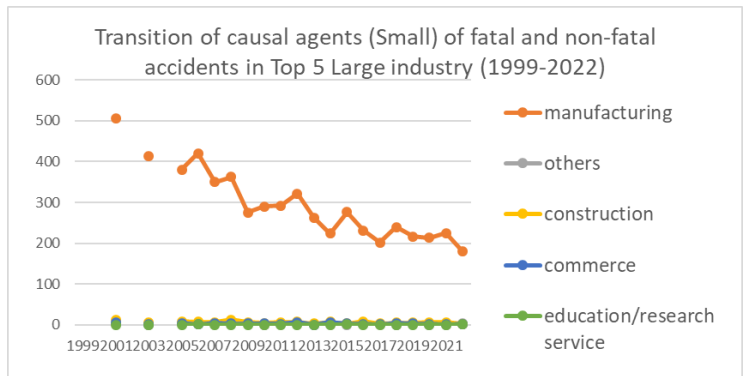
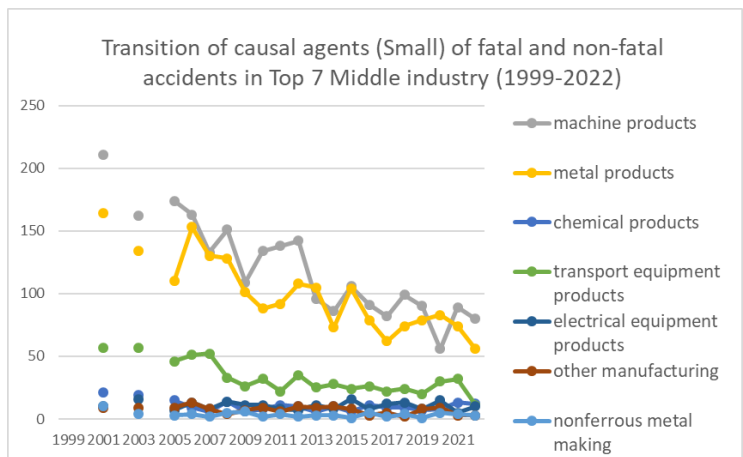


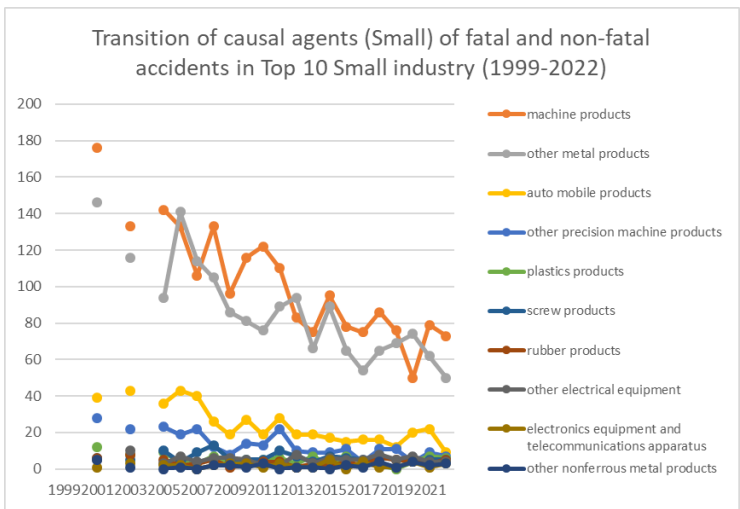
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 151 lathe (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 151 lathe in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 151 lathe in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 151 lathe in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 151 lathe 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			505		413		380	420	350	363	275	290	292	322	263	224	276	231	202	240	217	213	225	181	5,882	manufacturing	
17	others			1				1	2	3	3	2		2	2		1		1	1		2			3	24	others	
03	construction			13		5		9	8	6	13	6	4	7	8	3	8	3	9	3	5	5	7	7	2	131	construction	
08	commerce			7		2		4	1	4	3	3	3	2	6		6	3	2	1	4	3	2	1	2	59	commerce	
12	education/research service								1								1								1	3	education/research service	
04	transportation service			1		2		1	1		2	1	1	2												11	transportation service	
07	livestock/fishery																2	1	1							4	livestock/fishery	
15	commercial cleaning and livestock process										1			1		1										3	commercial cleaning and livestock process	
02	mining					1														1						2	mining	
14	hotel/restaurant/amusement service					1															1					2	hotel/restaurant/amusement service	
13	health and hygiene service																			1						1	health and hygiene service	
05	cargo handling service																											cargo handling service
06	agriculture																											agriculture
09	financial business/advertisement																											financial business/advertisement
10	movie/play service																											movie/play service
11	telecommunication service																											telecommunication service
16	public office																											public office
	total			527		424		395	433	363	385	287	298	306	338	267	241	284	244	210	249	227	222	233	189	6,122	total	

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 151 lathe 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
0113	machine products			211		162		174	163	133	151	109	134	138	142	96	86	106	91	82	99	90	56	89	80	2,392	machine products

0112	metal products			164		134		110	153	130	128	101	88	92	108	105	73	104	79	62	74	79	83	74	56	1,997	metal products
0108	chemical products			21		19		15	9	6	14	6	8	11	10	6	10	6	11	9	9	7	8	13	12	210	chemical products
0115	transport equipment products			57		57		46	51	52	33	26	32	22	35	25	28	24	26	22	24	20	30	32	11	653	transport equipment products
0114	electrical equipment products			10		16		7	13	8	14	11	11	8	7	11	8	16	8	12	13	8	15	5	10	211	electrical equipment products
0117	other manufacturing			9		9		9	13	8	4	7	9	6	10	9	10	8	3	5	2	8	9	3	3	144	other manufacturing
0111	nonferrous metal making			10		4		3	4	2	5	6	2	4	2	3	3	1	5	2	4	1	5	4	3	73	nonferrous metal making
1702	others			1				1	2		3	2		1	1		1			1		2			3	18	others
0109	sand and stone products			3		1		6	1	3	2	1	3	4	3	3	1	1	2	5	4	1			2	46	sand and stone products
0105	furniture			2				1	1						1		1		1					1	2	10	furniture
0110	steel making			11		8		4	9	6	8	7	2	6	3	4	4	6	3	2	6	2	4	1	1	97	steel making
0303	other construction works			3				3	2	1	2	2		3	1	2	1	2	3	2	1	1	2	3	1	35	other construction works
0301	civil engineering work			2		1		1		1	7		3	2	1		1	1	1		1	2	2	1	1	28	civil engineering work
0801	wholesale			3		2				2	2	2	1	1	4		2	1	2			2	1		1	26	wholesale
0802	retail			4				4		1	1		2		1		3	2		1	2	1	1	1	1	25	retail
0106	pulp/paper processing products			1		1		1		1		1	1		1				2	1					1	11	pulp/paper processing products
1201	education/research service								1								1								1	3	education/research service
0302	construction work			8		4		5	6	4	4	4	1	2	6	1	6		5	1	3	2	3	3		68	construction work
0104	wood products			3		1		1	1		4							2			1			2		15	wood products
0401	railroad/water transportation/airline service			1		2		1			1	1	1	1												8	railroad/water transportation/airline service
0804	other commerce								1	1		1		1	1		1				2					8	other commerce
0107	printing/bookbinding			1				1	1	1						1		1			1					7	printing/bookbinding
0101	food products			1		1		1						1							1			1		6	food products
0102	textile products			1				1									1				1		2			6	textile products
1701	dispatch service									3				1	1					1						6	dispatch service
0103	fiber products							1													1	1	1			4	fiber products
0403	road cargo transportation service							1		1				1												3	road cargo transportation service
1501	commercial cleaning and livestock process									1				1		1										3	commercial cleaning and livestock process
0202	quarrying					1															1					2	quarrying
0701	livestock															1		1								2	livestock
0702	fishery															1	1									2	fishery
1403	other amusement service					1															1					2	other amusement service
1301	medical treatment service																				1					1	medical treatment

011109	other nonferrous metal products			5		1			1			2	2	1	3		1	1		2	1	4	1	4	2	3	34	other nonferrous metal products
170209	others			1				1	2		3	2		1	1		1			1		2				3	18	others
011509	other transport equipment products			10		11		8	8	8	4	5	3	3	7	5	9	5	8	4	6	6	8	7	2	127	other transport equipment products	
011709	other manufacturing			4		5		6	6	4	1	1	6	3	6	5	3	6	3	2	1	5	6	3	2	78	other manufacturing	
011401	heavy electrical equipment					1		1	1	1	4		1	4		1	2	1	1	1	3	2	2		2	28	heavy electrical equipment	
011203	metal press products			9		9		5	7	6	4	6	1	9	8	4	1	3	8	2	3	5	4	6	1	101	metal press products	
011702	machine repair			4		3		3	7	4	2	5	2	2	2	4	6	1		1	1	2	1		1	51	machine repair	
011402	electrical appliance			4		2		1	3	3	2	2	2	1	2	1	2	4	2	2	1		2		1	37	electrical appliance	
080109	other wholesale			3		2			2	2	2	2	1	1	4		2	1	2			2	1		1	26	other wholesale	
010909	other sand and stone products			2		1		3			1		2	1	1	2		1	1	2	3				1	21	other sand and stone products	
080209	other retails			4				4		1	1		2		1		1	1		1	1	1	1	1	1	21	other retails	
011009	other steel products			3		1			2	2	3	1		1	1		1			1	1	1	1	1	1	20	other steel products	
010899	other chemical products					2		1	2		1	1		1			2		3		1		1	1	1	16	other chemical products	
010903	pottery products							3	1	3		1		1	1		1			1					1	13	pottery products	
030309	other construction works			1				2			1					1		1		2		2	1	1	1	12	other construction works	
030199	other civil engineering work								1	3		1	1					1		1	1		1	1	1	11	other civil engineering work	
010602	paper processing products							1				1	1					2	1						1	7	paper processing products	
010509	other furniture			1					1						1										1	1	5	other furniture
010501	wood furniture			1												1		1								1	4	wood furniture
120109	other education/research service								1									1							1	3	other education/research service	
011002	casting products			6		6		3	6	2	3	4	2	3	2	2	1	5	2	2	5	1	2			57	casting products	
011303	optical instruments			1		2		7	9	3	4		2	2	5	2	2	1		3	1	3	2	1		50	optical instruments	
011302	measuring instruments			6		4		1	2	2	2	3	2	1	4	1			2		1					31	measuring instruments	
011102	nonferrous metals casting products			2		3		3	1	1	3	3	1	1	1	1	1	1	1			1	2			27	nonferrous metals casting products	
011501	ship building			5		1		2		2	1	2	2			1		1		1	1	2	2	3		26	ship building	
030201	steel frame/reinforced concrete house construction work			1				2	3			4			3		3		2		1	1	1	1		22	steel frame/reinforced concrete house construction work	
011001	steel/iron/rolling products			2		1		1	1	2	2	2		2		2	2	1	1				1			20	steel/iron/rolling products	
030203	building facility construction work			4		4		2	1	1	2			1			2		1	1			1			20	building facility construction work	
030209	other building construction work			3						2	1		1	1	3		1		2		1	1	1	2		19	other building construction work	
030302	machinery/apparatus setting work			1				1	2	1	1	2		1	1	1		1	3		1	1		2		19	machinery/apparatus setting work	
011201	western tableware/cutting tool products			3		4		1	1		4		1				3						1			18	western tableware/cutting tool products	
011204	metal plating products									1	2	4		2	1		2	2		1				1		16	metal plating products	
011503	railway vehicle products			3		2			2	2							1	3	1	1						15	railway vehicle products	
011701	auto mobile servicing			1		1						1	1	1	2		1	1		2		1	2			15	auto mobile servicing	

010409	other lumber and wood products			1		1		1	1		4					2			1			2			13	other lumber and wood products
011101	nonferrous metals/rolling products			3				2	1		1			1	1	1		2							12	nonferrous metals/rolling products
010801	non organic or organic chemical products			2		1		1			1	1							1			1			8	non organic or organic chemical products
010902	glass products										1	1	1				1	1	1	1					8	glass products
030110	water supply/sewage construction work			1				1			2		2	1	1										8	water supply/sewage construction work
030202	wooden house construction work							1	2	1	1					1									7	wooden house construction work
040101	railroad service			1		2		1				1	1	1											7	railroad service
011304	watch products					1		1						2				1							6	watch products
080409	other commerce							1	1		1		1	1											6	other commerce
170101	dispatch service									3			1	1				1							6	dispatch service
010209	other textile products			1												1			1			1			4	other textile products
030106	road construction work			1		1					1												1		4	road construction work
030301	electricity/telecommunication work			1										2										1	4	electricity/telecommunication work
010309	other fiber products							1														1	1		3	other fiber products
010701	printing service									1							1						1		3	printing service
010709	other printing and bookbinding			1				1								1									3	other printing and bookbinding
010809	chemical fertilizer products										1											1			3	chemical fertilizer products
030105	bridge construction work										1							1	1						3	bridge construction work
040301	general truck transportation service							1			1			1											3	general truck transportation service
010102	fishery products			1																			1		2	fishery products
010109	other foods													1										1	2	other foods
010601	pulp/paper					1					1														2	pulp/paper
010609	other pulp/paper processing products			1											1										2	other pulp/paper processing products
010901	cement products			1										1											2	cement products
020201	quarrying					1																1			2	quarrying
030111	port/seaside construction work																					1	1		2	port/seaside construction work
070101	livestock															1		1							2	livestock
070209	other fishery															1	1								2	other fishery
080204	fuel retail															1	1								2	fuel retail
080401	warehousing															1							1		2	warehousing
150103	other waste disposal service													1		1									2	other waste disposal service
010104	bread/cake products					1																			1	bread/cake products
010105	alcoholic drinks							1																	1	alcoholic drinks
010202	cotton-spinning							1																	1	cotton-spinning
010204	dyeing																							1	1	dyeing

010301	over/under wear																		1			1	over/under wear	
010401	lumbering			1																		1	lumbering	
010402	plywood			1																		1	plywood	
010503	fittings							1														1	fittings	
010702	bookbinding																					1	bookbinding	
010802	chemical fiber																					1	chemical fiber	
010803	pharmaceuticals																					1	pharmaceuticals	
010804	petroleum/coal products			1																		1	petroleum/coal products	
010904	fire resisting products																					1	fire resisting products	
010905	other ceramic products																					1	other ceramic products	
040102	water transportation service																					1	water transportation service	
080201	all kinds of retail																					1	all kinds of retail	
080202	auto mobile retail																					1	auto mobile retail	
130109	other medical treatment service																					1	other medical treatment service	
140301	golf course																					1	golf course	
140309	other amusement service																					1	other amusement service	
150109	other cleaning and livestock process service																					1	other cleaning and livestock process service	
010101	meat/dairy products																							meat/dairy products
010103	agricultural food products																							agricultural food products
010106	soft drinks																							soft drinks
010201	silk-reeling																							silk-reeling
010203	weaving																							weaving
010502	metal furniture																							metal furniture
010807	leather products																							leather products
010808	painting products																							painting products
011601	electric utility service																							electric utility service
011602	city gas service																							city gas service
011603	city water service																							city water service
011609	other electric/gas/water service																							other electric/gas/water service
011703	cleaning																							cleaning
011704	tobacco products																							tobacco products
020101	general coal mining																							general coal mining
020109	other coal mining																							other coal mining
020202	gravel digging																							gravel digging
020209	other quarrying																							other quarrying
020301	metal mining																							metal mining
020302	petroleum mining																							petroleum mining
020309	other mining																							other mining
030101	hydroelectric plant construction work																							hydroelectric plant construction work

