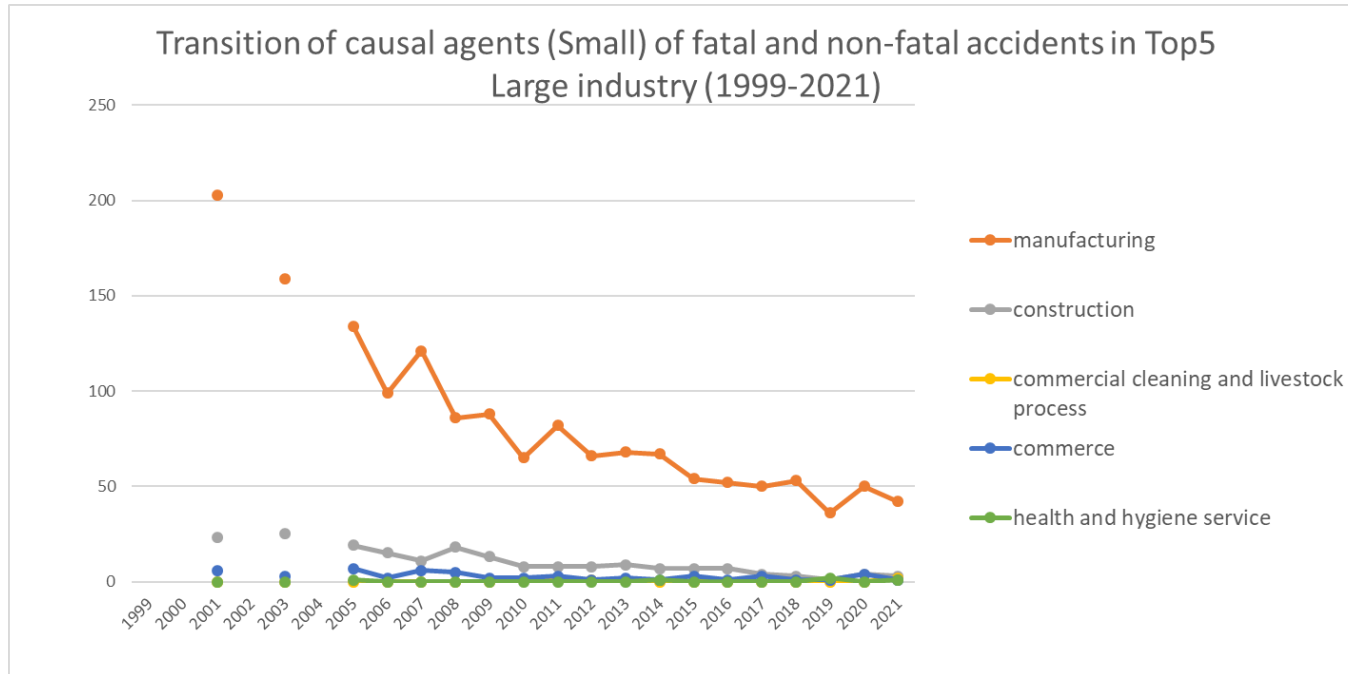
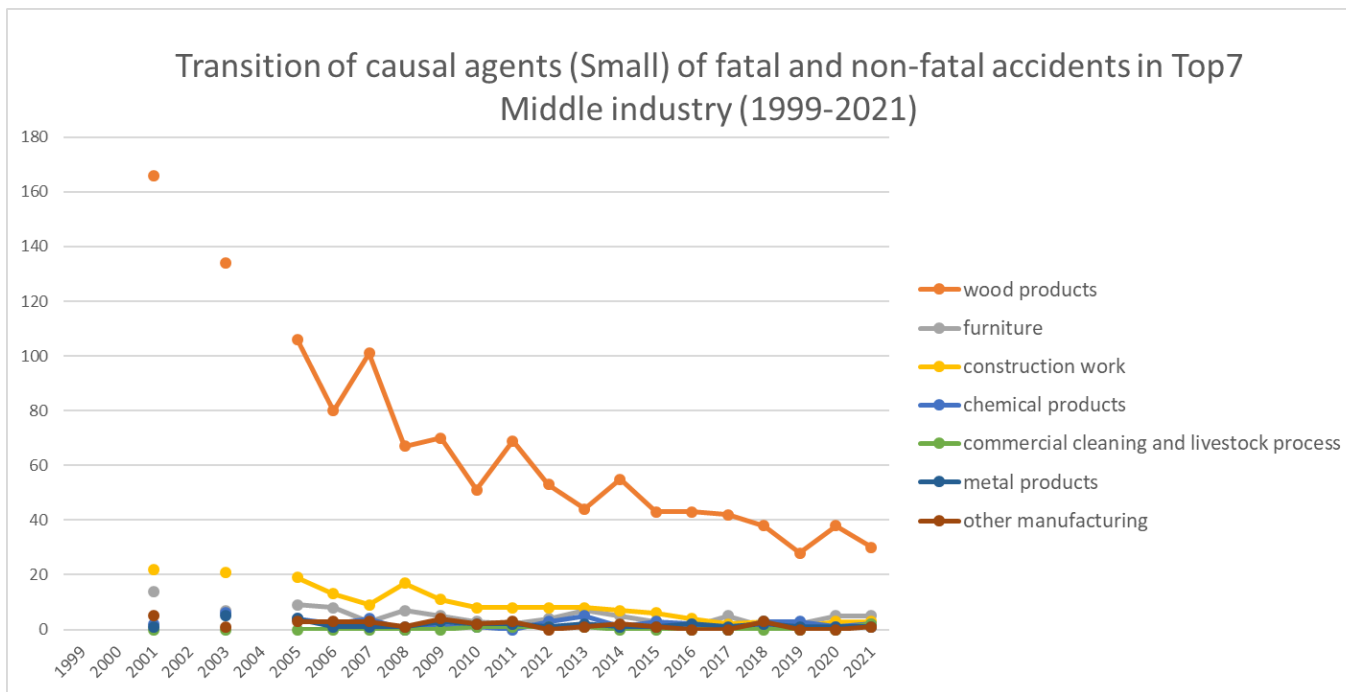


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine (1999-2021)

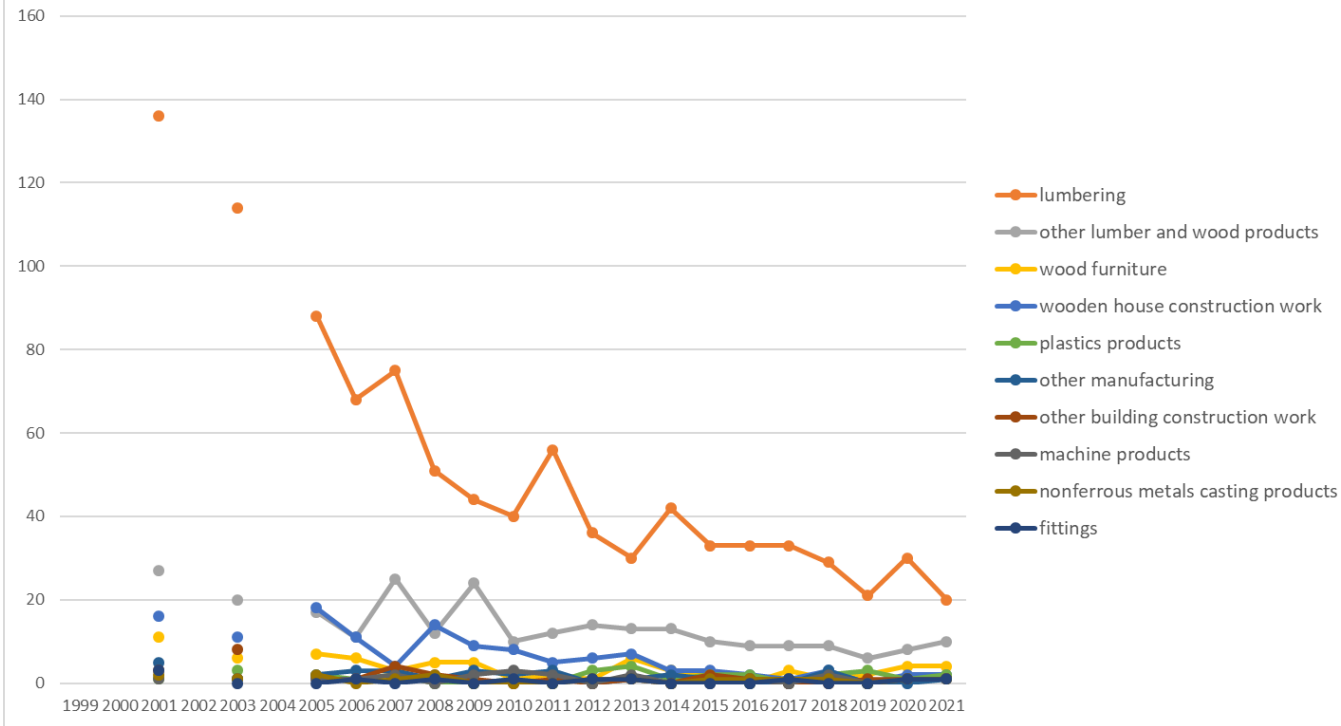


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing 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. 132 band sawing machine in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing 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			203		159		134	99	121	86	88	65	82	66	68	67	54	52	50	53	36	50	42	1,575	manufacturing
03	construction			23		25		19	15	11	18	13	8	8	8	9	7	7	7	4	3	1	4	3	193	construction
15	commercial cleaning and livestock process												1	1	1	1								2	6	commercial cleaning and livestock process
08	commerce			6		3		7	2	6	5	2	2	3	1	2	1	3	1	3	1	1	4	1	54	commerce
13	health and hygiene service							1									1					2		1	5	health and hygiene service
06	agriculture			1		1					1	1		2	1			1			1	1			10	agriculture
17	others							1			1		2				1	1	1		1		1		9	others

04	transportation service							2	1	1				1	1	1								7	transportation service	
05	cargo handling service			1		1				2	1						1							6	cargo handling service	
12	education/research service			1				1						1										3	education/research service	
14	hotel/restaurant/amusement service																1					1		2	hotel/restaurant/amusement service	
07	livestock/fishery																	1						1	livestock/fishery	
10	movie/play service																1							1	movie/play service	
02	mining																								mining	
09	financial business/advertisement																								financial business/advertisement	
11	telecommunication service																								telecommunication service	
16	public office																								public office	
	total			235		189		163	118	141	113	104	78	96	79	81	78	69	61	58	59	41	60	49	1,872	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine 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
0104	wood products			166		134		106	80	101	67	70	51	69	53	44	55	43	43	42	38	28	38	30	1,258	wood products
0105	furniture			14		7		9	8	3	7	5	3	2	4	7	5	3	1	5	1	2	5	5	96	furniture
0302	construction work			22		21		19	13	9	17	11	8	8	8	7	6	4	2	3	1	3	3	3	173	construction work
0108	chemical products			2		6		4	2	4		1	1		3	5	1	3	2		3	3	1	2	43	chemical products
1501	commercial cleaning and livestock process												1	1	1	1								2	6	commercial cleaning and livestock process
0112	metal products			1		5		4	1	1	1	3	2	2	1	2	1	1	2	1	2	1	1	1	33	metal products
0117	other manufacturing			5		1		3	3	3	1	4	2	3		1	2	1			3			1	33	other manufacturing
0802	retail			3		2		2	1	3	1	1		2	1	2	1	2	1	1			3	1	27	retail
0113	machine products			1		1		1	1	3	1	3	3	2		2			1		2		1	1	23	machine products

0111	nonferrous metal making			2	1	2	1	2			1	1	1	1	2	1	1	2		1	1	20	nonferrous metal making	
0109	sand and stone products			1							2							1			1	5	sand and stone products	
1301	medical treatment service																			1		1	2	medical treatment service
0101	food products			6	1	3	2	2	3	1			2	3				1	1	1	2		28	food products
0801	wholesale			3	1	5	1	3	3	1	2	1				1		2		1	1		25	wholesale
0115	transport equipment products			4			1	1	3	2	1	1		2	1	2	1	2					21	transport equipment products
0303	other construction works				2		2	2		1						1	3	1					12	other construction works
1702	others					1			1		2				1	1	1		1		1		9	others
0114	electrical equipment products			1	1	1	1		1					1						1	1		8	electrical equipment products
0301	civil engineering work			1	2				1	1				1				1			1		8	civil engineering work
0602	forestry			1	1				1	1		1				1			1	1			8	forestry
0403	road cargo transportation service						2	1	1					1	1	1							7	road cargo transportation service
0501	land cargo handling service			1	1			2	1							1							6	land cargo handling service
0106	pulp/paper processing products				1							2											3	pulp/paper processing products
1201	education/research service			1			1																3	education/research service
1302	social welfare facility						1								1					1			3	social welfare facility
0103	fiber products				1									1									2	fiber products

0110	steel making										1				1											2	steel making	
0601	agriculture														1	1											2	agriculture
0804	other commerce										1														1		2	other commerce
1403	other amusement service																					1				1	2	other amusement service
0701	livestock																									1	1	livestock
1001	movie/play service																									1	1	movie/play service
0102	textile products																											textile products
0107	printing/bookbinding																											printing/bookbinding
0116	electric/gas/water service																											electric/gas/water service
0201	coal mining																											coal mining
0202	quarrying																											quarrying
0203	other mining																											other mining
0401	railroad/water transportation/airline service																											railroad/water transportation/airline service
0402	road passenger transport service																											road passenger transport service
0404	other transportation service																											other transportation service
0502	harbor transportation service																											harbor transportation service
0702	fishery																											fishery
0803	haircut/beauty salon																											haircut/beauty salon
0901	financial business																											financial business
0902	advertisement and mediator																											advertisement and

010503	fittings			3					1	1		1	1					1		1	1	11	fittings
150102	industrial waste management service										1		1	1							1	4	industrial waste management service
010909	other sand and stone products										1								1			3	other sand and stone products
080203	furniture/fittings retail																			1	1	2	furniture/fittings retail
130101	hospital																			1		2	hospital
011203	metal press products																				1	1	metal press products
150109	other cleaning and livestock process service																				1	1	other cleaning and livestock process service
011209	other metal products			1	5	4	1	1	1	3	2	2	1	2	1	1	2	1	2	1	1	32	other metal products
080209	other retails			2	2	2	1	3	1	1		2	1	2	1	2	1	1			2	24	other retails
080109	other wholesale			3	1	2	1	3	2	1	2	1			1		2		1	1		21	other wholesale
010402	plywood			3			1	1	1	4	2	1	1	3	1			1		1		20	plywood
010102	fishery products			4	1	3	2	2	1				2	1				1		1	1	19	fishery products
030201	steel frame/reinforced concrete house construction work			2	2		1	1	1	1		1	1		4	1	1					16	steel frame/reinforced concrete house construction work
010509	other furniture				1	2	1		1		1		2		2	1	1	1				13	other furniture
030309	other construction works				2		2	2		1						1	3	1				12	other construction works
011501	ship building			3			1	1	1	1	1		1	1			1					11	ship building
170209	others					1			1		2				1	1	1		1		1	9	others
011502	auto mobile products							2	1				1		2	1						7	auto mobile products
010101	meat/dairy products			2					2	1					1							6	meat/dairy products
010801	non organic or organic chemical products				2	1		2											1			6	non organic or organic chemical products
040301	general truck transportation						2	1	1				1		1							6	general truck transportation

	service																					service	
050101	land cargo handling service			1		1			2	1						1						6	land cargo handling service
010899	other chemical products			1			1	1			1				1							5	other chemical products
060201	lumbering									1	1		1			1			1			5	lumbering
030199	other civil engineering work			1		1					1									1		4	other civil engineering work
030203	building facility construction work			1									1	1						1		4	building facility construction work
011109	other nonferrous metal products												1			1	1					3	other nonferrous metal products
011305	other precision machine products								1	1	1											3	other precision machine products
011403	electronics equipment and telecommunications apparatus					1					1									1		3	electronics equipment and telecommunications apparatus
011409	other electrical equipment			1						1					1							3	other electrical equipment
011509	other transport equipment products			1			1									1						3	other transport equipment products
060209	other forestry			1		1													1			3	other forestry
080101	all kinds of wholesale						2			1												3	all kinds of wholesale
130201	social welfare facility						1								1					1		3	social welfare facility
010109	other foods																		1		1	2	other foods
010309	other fiber products					1								1								2	other fiber products
010602	paper processing products					1							1									2	paper processing products
010806	rubber products					1										1						2	rubber products
010901	cement products			1								1										2	cement products
011002	casting products									1			1									2	casting products
011401	heavy electrical equipment						1													1		2	heavy electrical equipment

