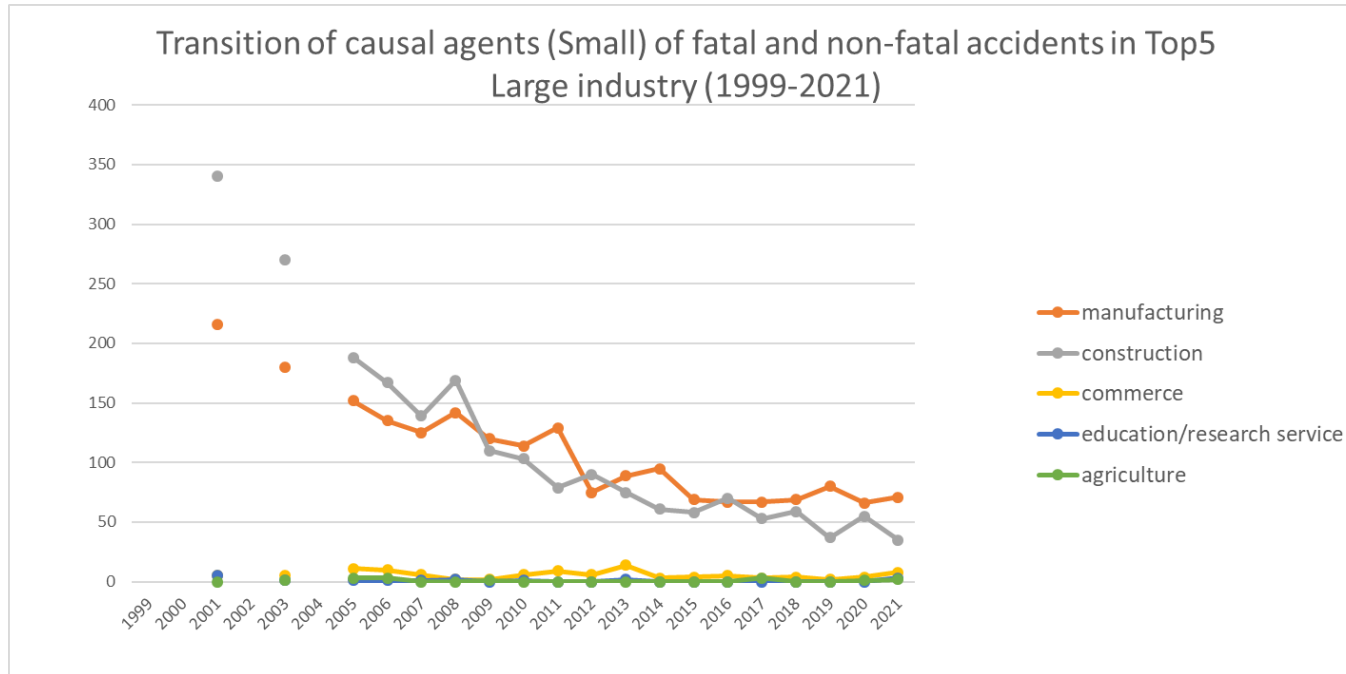
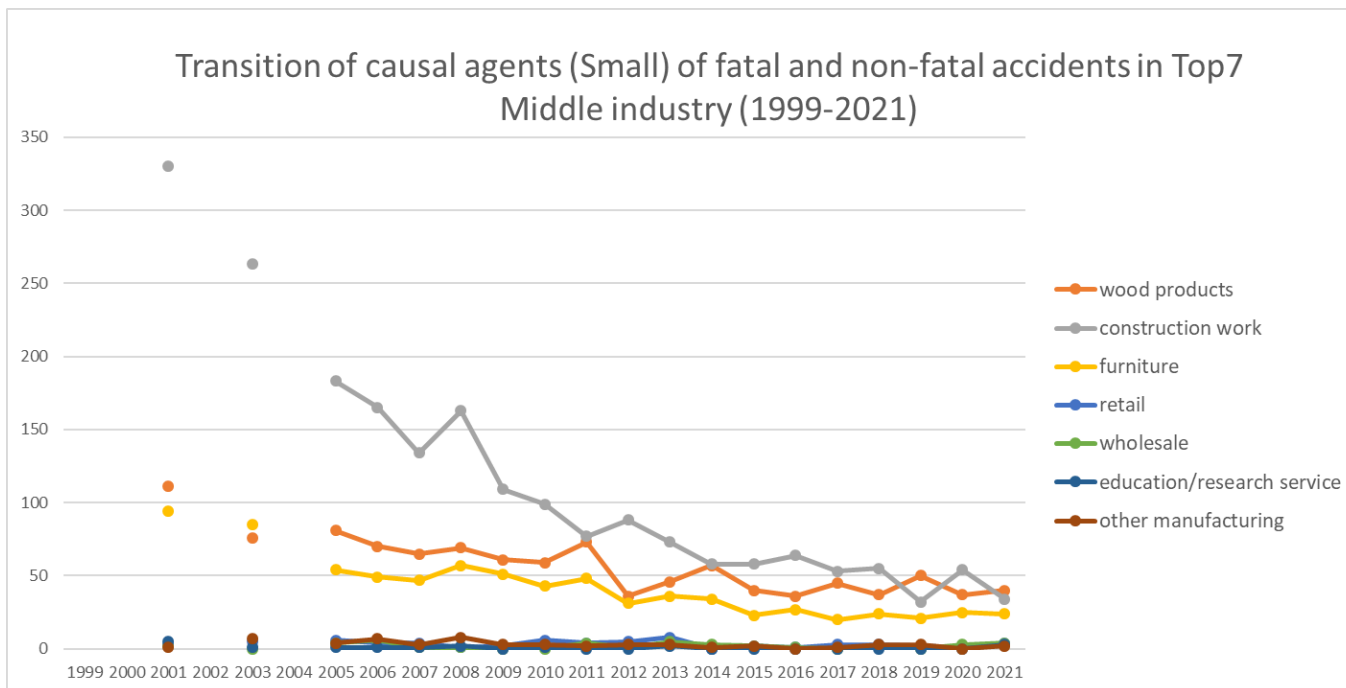


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer machine (1999-2021)

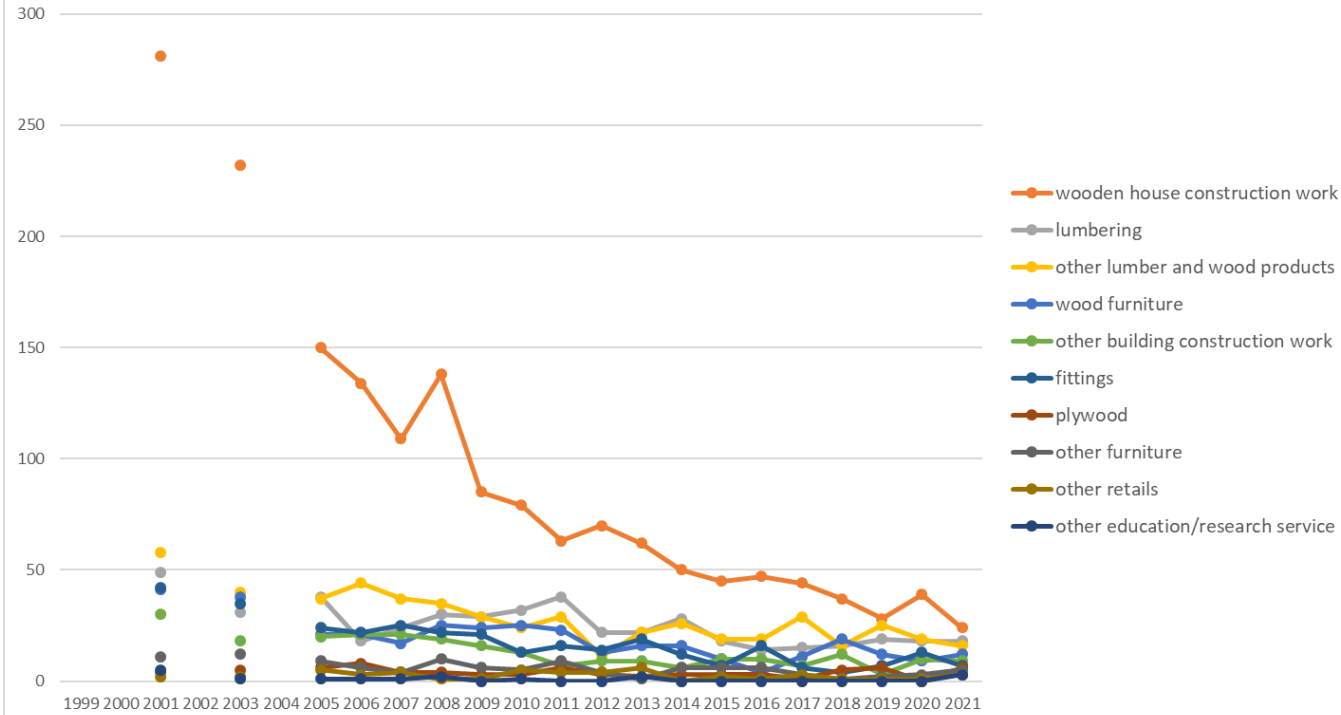


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer machine in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer 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. 133 wood planer machine in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer 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			216		180		152	135	125	142	120	114	129	75	89	95	69	67	67	69	80	66	71	2,061	manufacturing
03	construction			340		270		188	167	139	169	110	103	79	90	75	61	58	70	53	59	37	55	35	2,158	construction
08	commerce			5		5		11	10	6	2	2	6	9	6	14	3	4	5	3	4	2	4	8	109	commerce
12	education/research service			5		1		1	1	1	2		1			2								3	17	education/research service
06	agriculture					1		3	3			1								3			1	2	14	agriculture
17	others			2		1		1	4	2				1	1	2	4	3		2	2		3	1	29	others
04	transportation service											2		1	1							1		1	6	transportation service
	hotel/restaurant/amusement																									hotel/restaurant/amusement

14	service		2	3	3	1	4	1	3	1		3		2	1		24	service					
13	health and hygiene service		3			1	1	4	1		2	2	1	1	1	1	18	health and hygiene service					
15	commercial cleaning and livestock process		1		1	1	1	1	1						1	1	8	commercial cleaning and livestock process					
10	movie/play service			1		1				1							3	movie/play service					
07	livestock/fishery						2										2	livestock/fishery					
16	public office		1						1								2	public office					
05	cargo handling service									1							1	cargo handling service					
09	financial business/advertisement							1									1	financial business/advertisement					
02	mining																	mining					
11	telecommunication service																	telecommunication service					
	total		575	462	360	324	276	325	238	229	219	178	184	163	138	143	128	138	121	131	121	4,453	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer 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			111	76	81	70	65	69	61	59	73	36	46	57	40	36	45	37	50	37	40	1,089	wood products		
0302	construction work			330	263	183	165	134	163	109	99	77	88	73	58	58	64	53	55	32	54	34	2,092	construction work		
0105	furniture			94	85	54	49	47	57	51	43	48	31	36	34	23	27	20	24	21	25	24	793	furniture		
0802	retail			3	5	6	4	4	1	2	6	4	5	8	2	1	3	3	2	1	4	64	retail			
0801	wholesale			2		4	6	1	1		4	1	5	3	2	1		1		3	4	38	wholesale			
1201	education/research service			5	1	1	1	1	2		1			2								3	17	education/research service		
0117	other manufacturing			1	7	4	7	3	8	3	3	2	3	3	1	2		1	3	3		2	56	other manufacturing		
0115	transport equipment products			5	4	4	3	2	2	1	3	1		1	1	2	1	1	1	1		2	35	transport equipment products		

0602	forestry				1		2	3			1							1				2	10	forestry		
0301	civil engineering work			7		3		1	1	2	3	1	2	1	1	2	1		3		2	1	1	1	33	civil engineering work
1702	others			2		1		1	4	2				1	1	2	4	3		2	2		3	1	29	others
0113	machine products						4	2	1	2		2		1							1		1	14	machine products	
0109	sand and stone products			1		1					1		1	1				1					1	7	sand and stone products	
0106	pulp/paper processing products																						1	1	pulp/paper processing products	
0402	road passenger transport service																						1	1	road passenger transport service	
0108	chemical products			3		4		3	2	4	2	2		3	3	3	2		1			2		34	chemical products	
0303	other construction works			3		4		4	1	3	3		2	1	1		2		3		2	4		33	other construction works	
1302	social welfare facility			2						1	4	1				2	2		1	1		1	1	16	social welfare facility	
0101	food products			1						1		1	1						2		3	1	1	11	food products	
0112	metal products					2		1	1	1	1	1	1	1							1		1	11	metal products	
1403	other amusement service			1		3		1			1	1				1					1		1	11	other amusement service	
1501	commercial cleaning and livestock process			1				1	1		1	1	1								1		1	8	commercial cleaning and livestock process	
0804	other commerce							1		1				1		1								7	other commerce	
1401	hotel							2	1		2							1			1			7	hotel	
1402	restaurant			1							1		3					1						6	restaurant	
0403	road cargo transportation service											2		1								1		4	road cargo transportation service	
0601	agriculture							1															2	1	4	agriculture
0110	steel making							1					1					1						3	steel making	

0111	nonferrous metal making					1							1									1		3	nonferrous metal making	
1001	movie/play service					1																			3	movie/play service
0107	printing/bookbinding																					1	1		2	printing/bookbinding
0701	livestock																								2	livestock
1301	medical treatment service																								2	medical treatment service
1601	public office																								2	public office
0103	fiber products																								1	fiber products
0114	electrical equipment products																								1	electrical equipment products
0401	railroad/water transportation/airline service																								1	railroad/water transportation/airline service
0501	land cargo handling service																								1	land cargo handling service
0902	advertisement and mediator																								1	advertisement and mediator
0102	textile products																									textile products
0116	electric/gas/water service																									electric/gas/water service
0201	coal mining																									coal mining
0202	quarrying																									quarrying
0203	other mining																									other mining
0404	other transportation service																									other transportation service
0502	harbor transportation service																									harbor transportation

	service																						service			
011709	other manufacturing			1		5		3	7	2	7	3	2	1	2	3		1			2	3		2	44	other manufacturing
011501	ship building			4		1		3	2	1	2		1			1	1	2	1	1	1			2	23	ship building
080102	furniture/fittings wholesale			1											1									2	4	furniture/fittings wholesale
030201	steel frame/reinforced concrete house construction work			19		12		10	9	4	4	8	6	6	7	2	2	2	3	2	5	1	5	1	108	steel frame/reinforced concrete house construction work
080109	other wholesale			1				3	5	1	1			4		4	3	2	1		1		3	1	30	other wholesale
170209	others			2		1		1	4	2				1	1	2	4	3		2	2		3	1	29	others
011301	machine products							3	2	1	2		2		1							1		1	13	machine products
060209	other forestry					1		2	2			1								1				1	8	other forestry
080201	all kinds of retail			1		1						1				2					1			1	7	all kinds of retail
010901	cement products					1					1			1										1	4	cement products
030106	road construction work			1		1									1									1	4	road construction work
080101	all kinds of wholesale							1	1						1									1	4	all kinds of wholesale
060201	lumbering								1															1	2	lumbering
010601	pulp/paper																							1	1	pulp/paper
040202	bus service																						1	1	bus service	
010805	plastics products			3		3		3	1	4	2	2		3	3	3	1		1			2			31	plastics products
030309	other construction works			2		2		4	1	3	3		2		1		2		3		1	4			28	other construction works
030199	other civil engineering work			4		1		1		2	2	1	1	1		1	1		2		2		1		20	other civil engineering work
030203	building facility construction work					1		3	1		2		1	1	2			1	4		1				17	building facility construction work
130201	social welfare facility			2						1	4	1			2	2		1	1		1	1			16	social welfare facility
011209	other metal products					2		1	1	1	1	1	1	1							1		1		11	other metal products
011701	auto mobile servicing					1		1		1	1		1	1	1		1			1					9	auto mobile servicing
080203	furniture/fittings retail					2				1			1		1						1	1			7	furniture/fittings retail

080409	other commerce							1	1				1	1							7	other commerce	
140101	hotel							2	1		2						1			1		7	hotel
140301	golf course			1		2		1			1	1								1		7	golf course
011502	auto mobile products					1		1	1			1	1							1		6	auto mobile products
140201	general restaurant			1							1		3							1		6	general restaurant
150101	building maintenance service			1				1			1	1								1	1	6	building maintenance service
010105	alcoholic drinks										1								1	2	1	5	alcoholic drinks
010109	other foods									1			1						1	1		4	other foods
011509	other transport equipment products			1		2							1									4	other transport equipment products
040301	general truck transportation service										2		1							1		4	general truck transportation service
060101	agriculture							1											2		1	4	agriculture
140302	park and amusement park					1								1							1	4	park and amusement park
011702	machine repair					1													1	1		3	machine repair
030109	land consolidation civil engineering work							1											1		1	3	land consolidation civil engineering work
030302	machinery/apparatus setting work			1		1								1								3	machinery/apparatus setting work
010502	metal furniture									1										1		2	metal furniture
011002	casting products							1					1									2	casting products
011102	nonferrous metals casting products									1											1	2	nonferrous metals casting products
011503	railway vehicle products									1				1								2	railway vehicle products
030105	bridge construction work			1									1									2	bridge construction work
030110	water supply/sewage construction work			1							1											2	water supply/sewage construction work

