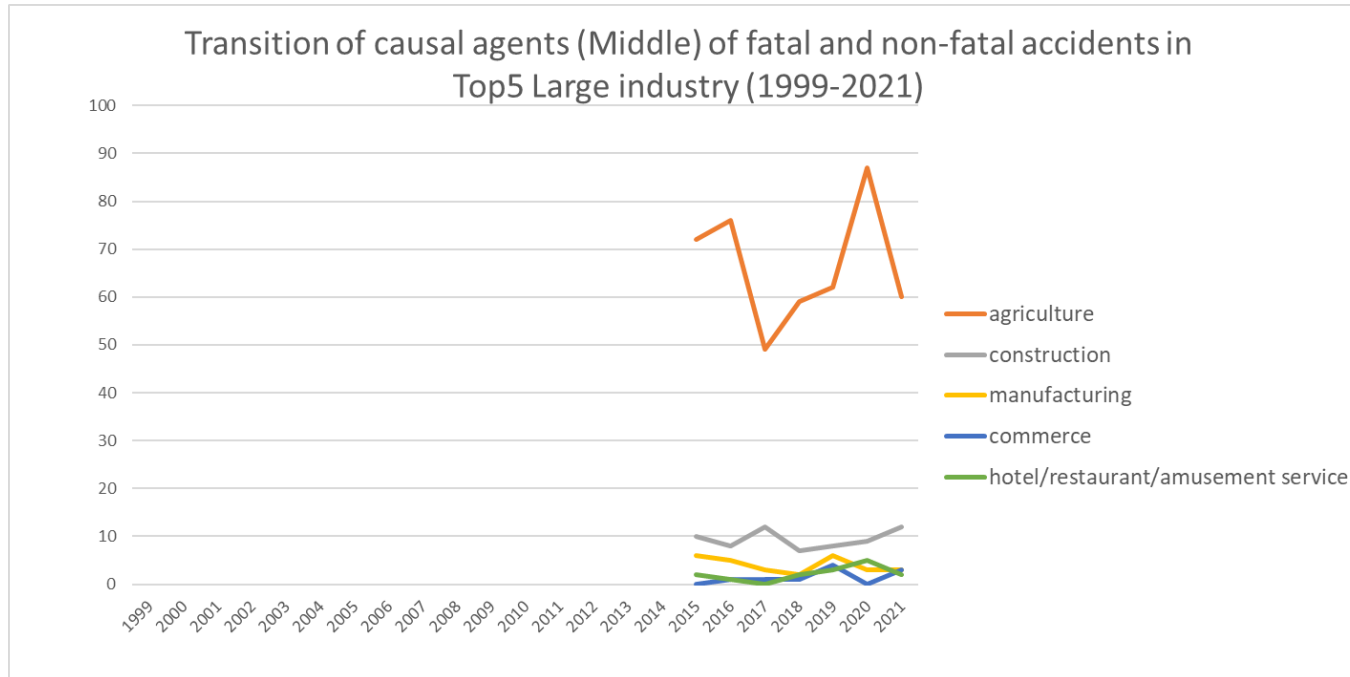
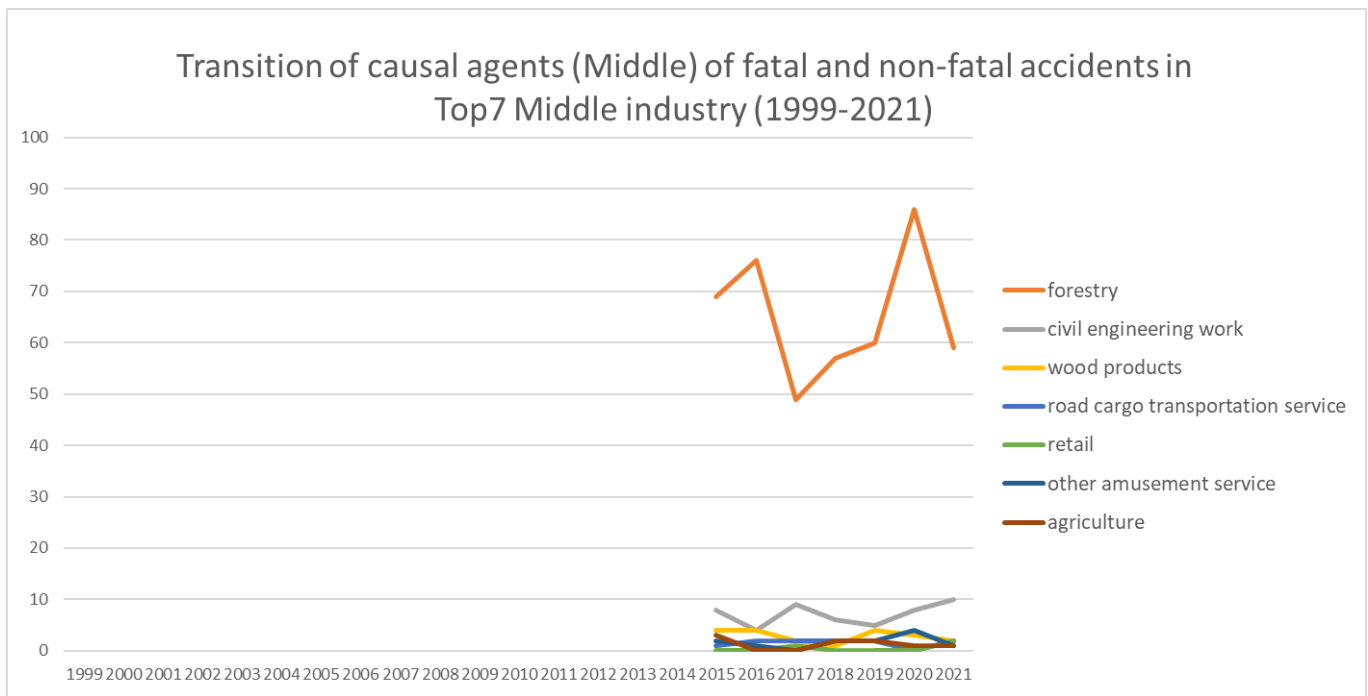


Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 17 mobile silviculture machine (1999-2021)

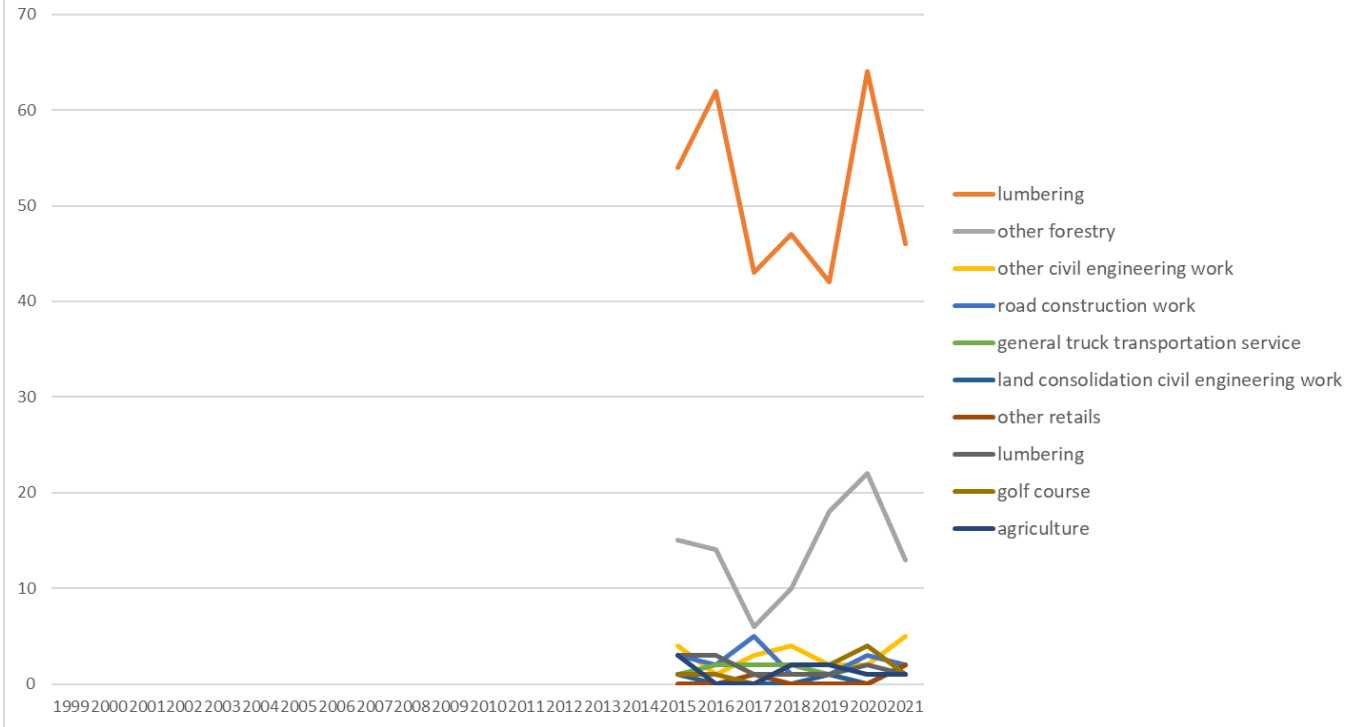


Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 17 mobile silviculture machine in Large industry (1999-2021)



Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 17 mobile silviculture machine in Middle Industry (1999-2021)

Transition of causal agents (Middle) of fatal and non-fatal accidents in Top10 Small industry (1999-2021)



Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 17 mobile silviculture machine in Small Industry (1999-2021)

Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 17 mobile silviculture 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
06	agriculture																	72	76	49	59	62	87	60	465	agriculture
03	construction																	10	8	12	7	8	9	12	66	construction
01	manufacturing																	6	5	3	2	6	3	3	28	manufacturing
08	commerce																		1	1	1	4		3	10	commerce
14	hotel/restaurant/amusement service																	2	1		2	3	5	2	15	hotel/restaurant/amusement service
04	transportation service																	1	2	2	2	2		2	11	transportation service
17	others																				1	1		1	3	others

15	commercial cleaning and livestock process																	1		1	1			3	commercial cleaning and livestock process
05	cargo handling service																	1		1				2	cargo handling service
12	education/research service																			1		1		2	education/research service
02	mining																		1					1	mining
07	livestock/fishery																	1						1	livestock/fishery
13	health and hygiene service																					1		1	health and hygiene service
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																91	96	68	77	87	106	83	608	total

Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 17 mobile silviculture 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
0602	forestry																	69	76	49	57	60	86	59	456	forestry
0301	civil engineering work																	8	4	9	6	5	8	10	50	civil engineering work
0104	wood products																	4	4	2	1	4	3	2	20	wood products
0403	road cargo transportation service																	1	2	2	2	2		2	11	road cargo transportation service
0802	retail																			1				2	3	retail
1403	other amusement service																	2	1		2	2	4	1	12	other amusement service
0601	agriculture																	3			2	2	1	1	9	agriculture
0302	construction work																	2	2	2		1		1	8	construction work

0303	other construction works																		2	1	1	2	1	1	8	other construction works	
0117	other manufacturing																		2		1	1			1	5	other manufacturing
0804	other commerce																					2		1	3	other commerce	
1702	others																				1	1		1	3	others	
1402	restaurant																							1	1	restaurant	
0801	wholesale																		1		1	2			4	wholesale	
1501	commercial cleaning and livestock process																		1		1	1			3	commercial cleaning and livestock process	
0502	harbor transportation service																		1		1				2	harbor transportation service	
1201	education/research service																				1		1		2	education/research service	
1401	hotel																					1	1		2	hotel	
0101	food products																					1			1	food products	
0107	printing/bookbinding																					1			1	printing/bookbinding	
0116	electric/gas/water service																		1						1	electric/gas/water service	
0202	quarrying																				1				1	quarrying	
0701	livestock																		1						1	livestock	
1303	other health and hygiene service																						1		1	other health and hygiene service	
0102	textile products																									textile products	
0103	fiber products																									fiber products	
0105	furniture																									furniture	
0106	pulp/paper processing products																									pulp/paper processing products	

	products																						products
030309	other construction works															2	1	1	2		1	7	other construction works
030107	river civil engineering work															1			1	2	1	5	river civil engineering work
011702	machine repair														2		1				1	4	machine repair
080409	other commerce																		2		1	3	other commerce
030202	wooden house construction work																				1	1	wooden house construction work
140201	general restaurant																				1	1	general restaurant
170201	security service																				1	1	security service
030209	other building construction work															1		2		1		4	other building construction work
080109	other wholesale															1		1	2			4	other wholesale
030108	sand collapse prevention civil engineering work																		1		1	2	sand collapse prevention civil engineering work
030201	steel frame/reinforced concrete house construction work															1	1					2	steel frame/reinforced concrete house construction work
120109	other education/research service																		1		1	2	other education/research service
140101	hotel																		1	1		2	hotel
150109	other cleaning and livestock process service															1		1				2	other cleaning and livestock process service
170209	others																		1	1		2	others
010101	meat/dairy products																			1		1	meat/dairy products
010701	printing service																			1		1	printing service
011601	electric utility service															1						1	electric utility service
011703	cleaning																			1		1	cleaning

020201	quarrying																				1					1	quarrying
030102	tunnel construction work																									1	tunnel construction work
030203	building facility construction work																									1	building facility construction work
030301	electricity/telecommunication work																									1	electricity/telecommunication work
040302	specific truck transportation service																									1	specific truck transportation service
050201	general harbor transportation service																									1	general harbor transportation service
050202	port cargo handling service																									1	port cargo handling service
070101	livestock																									1	livestock
130309	other health and hygiene service																									1	other health and hygiene service
140309	other amusement service																									1	other amusement service
150103	other waste disposal service																									1	other waste disposal service
010102	fishery products																										fishery products
010103	agricultural food products																										agricultural food products
010104	bread/cake products																										bread/cake products
010105	alcoholic drinks																										alcoholic drinks
010106	soft drinks																										soft drinks
010109	other foods																										other foods
010201	silk-reeling																										silk-reeling
010202	cotton-spinning																										cotton-spinning
010203	weaving																										weaving
010204	dyeing																										dyeing
010209	other textile products																										other textile products

011401	heavy electrical equipment																					heavy electrical equipment
011402	electrical appliance																					electrical appliance
011403	electronics equipment and telecommunications apparatus																					electronics equipment and telecommunications apparatus
011409	other electrical equipment																					other electrical equipment
011501	ship building																					ship building
011502	auto mobile products																					auto mobile products
011503	railway vehicle products																					railway vehicle products
011509	other transport equipment products																					other transport equipment products
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
011701	auto mobile servicing																					auto mobile servicing
011704	tobacco products																					tobacco products
011709	other manufacturing																					other manufacturing
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

130109	other medical treatment service																				other medical treatment service		
130201	social welfare facility																				social welfare facility		
130301	bathhouse																				bathhouse		
140209	other restaurants																				other restaurants		
140302	park and amusement park																				park and amusement park		
150101	building maintenance service																				building maintenance service		
150102	industrial waste management service																				industrial waste management service		
150104	cremation service																				cremation service		
150105	livestock process service																				livestock process service		
160101	public office																				public office		
170101	dispatch service																				dispatch service		
170202	information processing service																				information processing service		
	total														91	96	68	77	87	106	83	608	total

Data source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

https://www.jisha.or.jp/english/statistics/202212_03.html