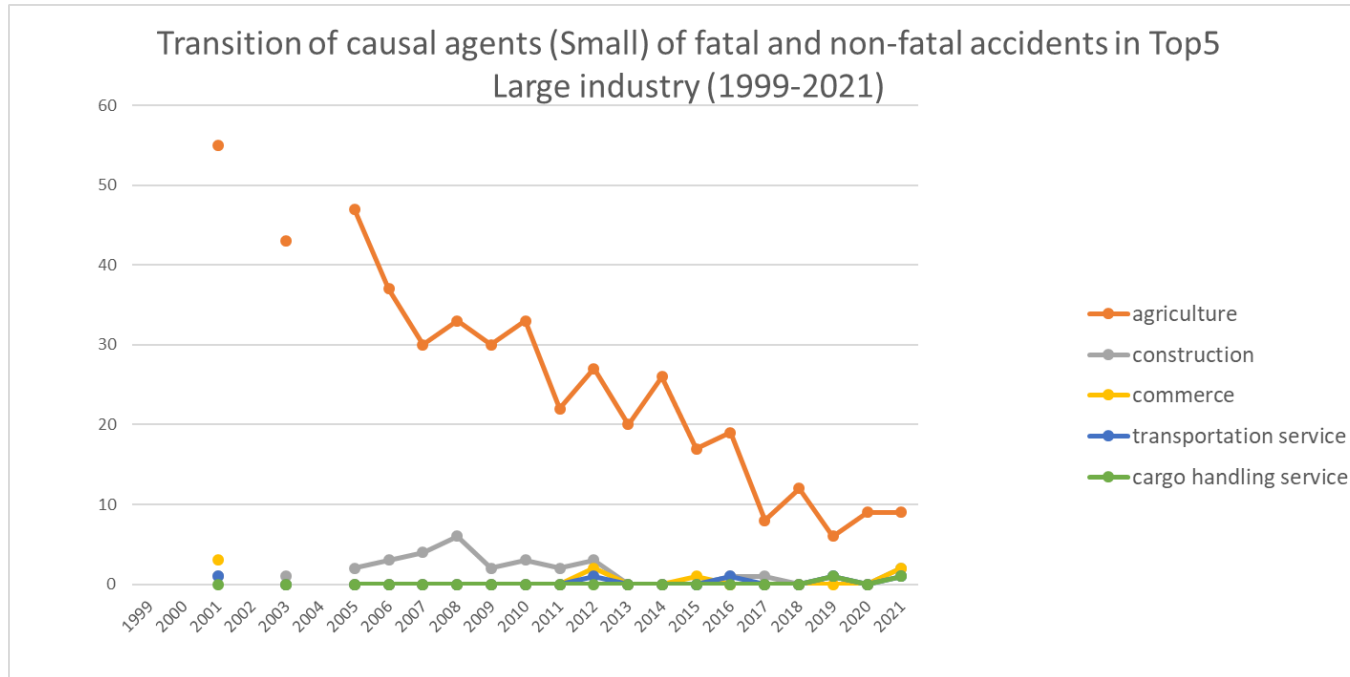
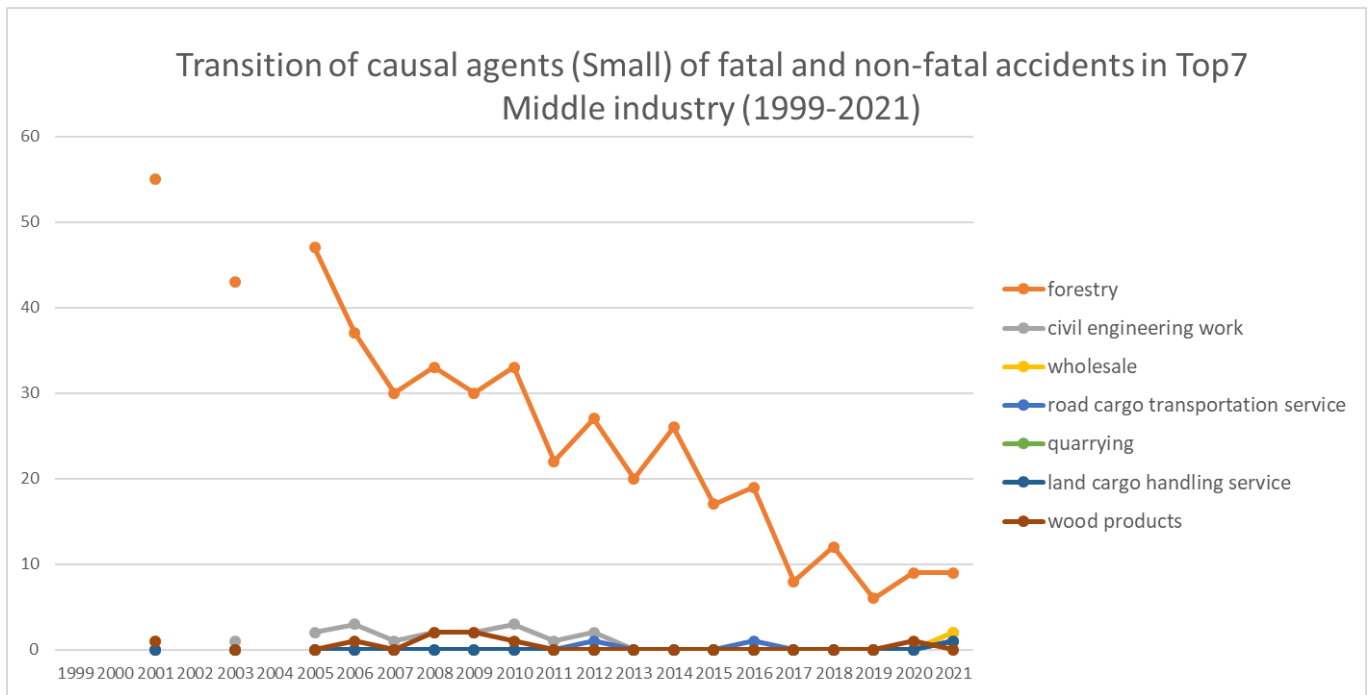


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway (1999-2021)

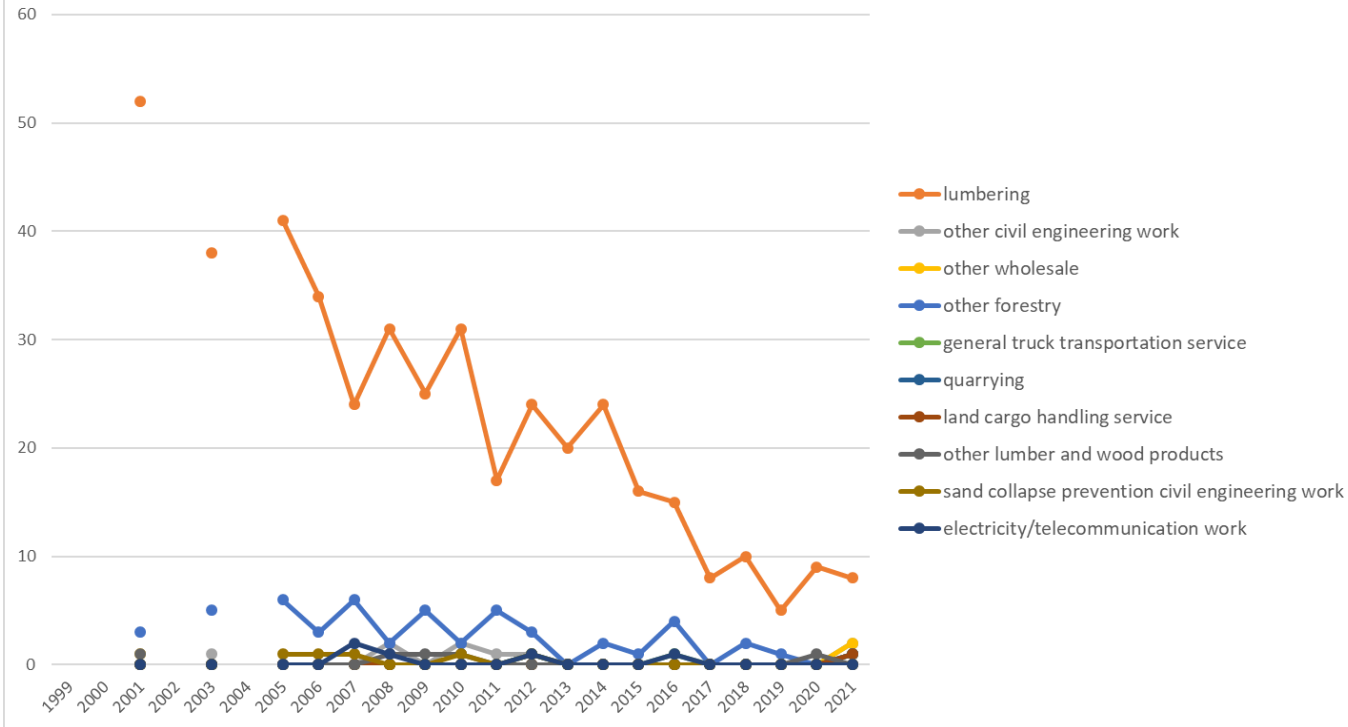


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway 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. 217 lumberyard equipment, logging cableway in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway 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			55		43		47	37	30	33	30	33	22	27	20	26	17	19	8	12	6	9	9	483	agriculture
03	construction			1		1		2	3	4	6	2	3	2	3				1	1		1		2	32	construction
08	commerce			3											2			1						2	8	commerce
04	transportation service			1											1				1			1		1	5	transportation service
05	cargo handling service																					1		1	2	cargo handling service
02	mining																							1	1	mining
01	manufacturing			2				1	2		2	2	1					1		2			1		14	manufacturing

07	livestock/fishery								1	2		1		1	1									6	livestock/fishery
14	hotel/restaurant/entertainment service									1		1												2	hotel/restaurant/entertainment service
09	financial business/advertisement				1																			1	financial business/advertisement
13	health and hygiene service		1																					1	health and hygiene service
17	others																			1				1	others
10	movie/play service																								movie/play service
11	telecommunication service																								telecommunication service
12	education/research service																								education/research service
15	commercial cleaning and livestock process																								commercial cleaning and livestock process
16	public office																								public office
	total		63		45		50	42	35	44	34	39	24	34	21		19	21	11	12	9	11	16	530	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway 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			55		43		47	37	30	33	30	33	22	27	20	26	17	19	8	12	6	9	9	483	forestry
0301	civil engineering work					1		2	3	1	2	2	3	1	2									2	19	civil engineering work
0801	wholesale			1																				2	3	wholesale
0403	road cargo transportation service														1				1					1	3	road cargo transportation service
0202	quarrying																							1	1	quarrying
0501	land cargo handling service																							1	1	land cargo handling service
0104	wood products			1					1		2	2	1											1	8	wood products





																									service
1302	social welfare facility																								social welfare facility
1303	other health and hygiene service																								other health and hygiene service
1401	hotel																								hotel
1402	restaurant																								restaurant
1501	commercial cleaning and livestock process																								commercial cleaning and livestock process
1601	public office																								public office
1701	dispatch service																								dispatch service
	total			63		45		50	42	35	44	34	39	24	34	21		19	21	11	12	9	11	16	530 total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway in Small industry (1999-2021)

code	Small 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	Small industry
060201	lumbering			52		38		41	34	24	31	25	31	17	24	20	24	16	15	8	10	5	9	8	432	lumbering
030199	other civil engineering work					1					2		2	1	1									2	9	other civil engineering work
080109	other wholesale			1																				2	3	other wholesale
060209	other forestry			3		5		6	3	6	2	5	2	5	3		2	1	4		2	1		1	51	other forestry
040301	general truck transportation service														1				1					1	3	general truck transportation service
020201	quarrying																							1	1	quarrying
050101	land cargo handling service																							1	1	land cargo handling service
010409	other lumber and wood products			1							1	1	1										1		5	other lumber and wood products
030108	sand collapse prevention civil engineering work							1	1	1			1		1										5	sand collapse prevention civil engineering work

030301	electricity/telecommunication work								2	1				1									5	electricity/telecommunication work	
080209	other retails			2										2			1							5	other retails
070201	fishery								1	1				1	1									4	fishery
030209	other building construction work								1	1				1										3	other building construction work
010401	lumbering									1	1													2	lumbering
011209	other metal products							1																2	other metal products
030203	building facility construction work										2													2	building facility construction work
030309	other construction works			1																		1		2	other construction works
070101	livestock									1		1												2	livestock
010109	other foods			1																				1	other foods
010402	plywood								1															1	plywood
010909	other sand and stone products								1															1	other sand and stone products
011502	auto mobile products																					1		1	auto mobile products
011702	machine repair																	1						1	machine repair
030105	bridge construction work																							1	bridge construction work
030106	road construction work								1															1	road construction work
030107	river civil engineering work								1															1	river civil engineering work
030109	land consolidation civil engineering work																							1	land consolidation civil engineering work
030110	water supply/sewage construction work								1															1	water supply/sewage construction work
030302	machinery/apparatus setting work																							1	machinery/apparatus setting work







011002	casting products																					casting products
011009	other steel products																					other steel products
011101	nonferrous metals/rolling products																					nonferrous metals/rolling products
011102	nonferrous metals casting products																					nonferrous metals casting products
011109	other nonferrous metal products																					other nonferrous metal products
011201	western tableware/cutting tool products																					western tableware/cutting tool products
011202	screw products																					screw products
011203	metal press products																					metal press products
011204	metal plating products																					metal plating products
011301	machine products																					machine products
011302	measuring instruments																					measuring instruments
011303	optical instruments																					optical instruments
011304	watch products																					watch products
011305	other precision machine products																					other precision machine 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
011503	railway vehicle products																					railway vehicle products

011509	other transport equipment products																						other transport equipment 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
011701	auto mobile servicing																						auto mobile servicing
011703	cleaning																						cleaning
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
030102	tunnel construction work																						tunnel construction work
030103	subway construction work																						subway construction work
030104	railway construction work																						railway construction work
030111	port/seaside construction work																						port/seaside construction work
	steel frame/reinforced																						steel frame/reinforced





140201	general restaurant																								general restaurant
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
150103	other waste disposal service																								other waste disposal service
150104	cremation service																								cremation service
150105	livestock process service																								livestock process service
150109	other cleaning and livestock process service																								other cleaning and livestock process service
160101	public office																								public office
170101	dispatch service																								dispatch service
170201	security service																								security service
170202	information processing service																								information processing service
	total			63	45	50	42	35	44	34	39	24	34	21		19	21	11	12	9	11	16	530	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](https://www.jisha.or.jp/english/statistics/202212_03.html)