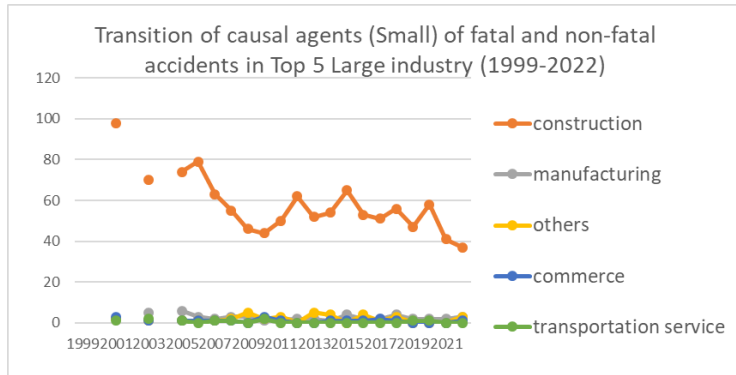
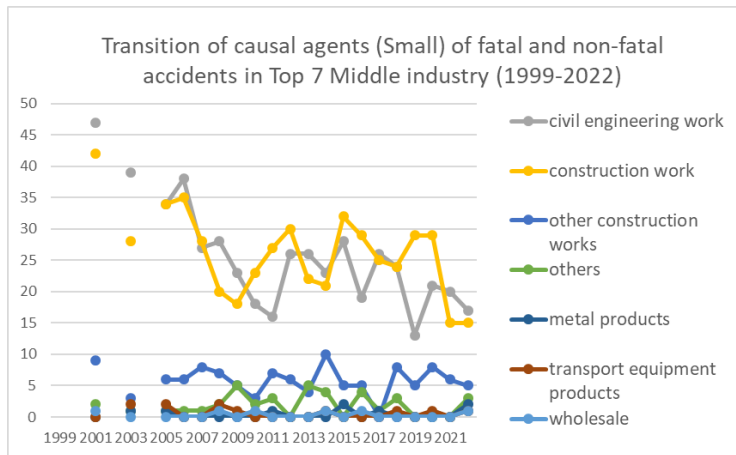


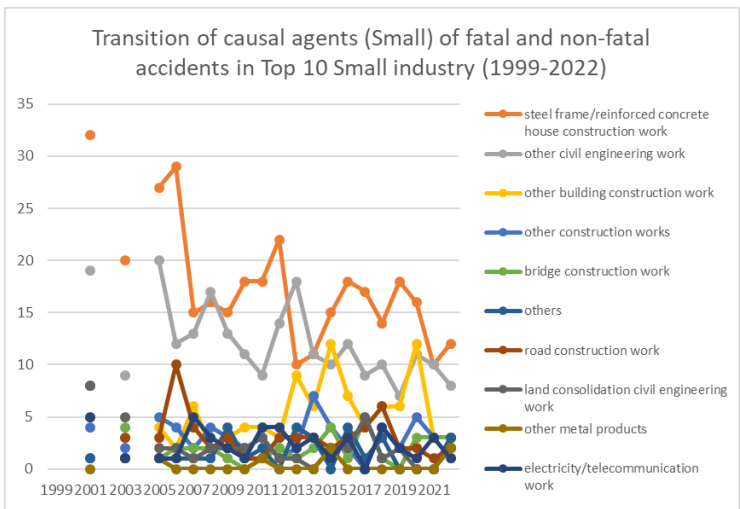
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 143 foundation work machine (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 143 foundation work machine in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 143 foundation work machine in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 143 foundation work machine in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 143 foundation work machine 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	
03	construction			98		70		74	79	63	55	46	44	50	62	52	54	65	53	51	56	47	58	41	37	1,155	construction	
01	manufacturing			2		5		6	3	2	3	3	1	2	2	2	1	4	2	2	4	2	2	2	3	53	manufacturing	
17	others			2		1		1	1	1	2	5	2	3		5	4		4	1	3				3	38	others	
08	commerce			3		1		1	1	1	1		3	1			1	1	1	2	1				1	19	commerce	
04	transportation service			1		2		1		1	1		2									1	1			10	transportation service	
02	mining			1		1		3								1								1		7	mining	
15	commercial cleaning and livestock process								3	1	1					1	1									7	commercial cleaning and livestock process	
06	agriculture												1					1	1							3	agriculture	
12	education/research service																1									1	education/research service	
13	health and hygiene service															1										1	health and hygiene service	
14	hotel/restaurant/amusement service																							1		1	hotel/restaurant/amusement service	
05	cargo handling service																											cargo handling service
07	livestock/fishery																											livestock/fishery
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			107		80		86	87	69	63	54	53	56	64	62	62	70	61	57	64	51	61	44	44	1,295	total	

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 143 foundation work machine 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	
																												civil engineering





030301	electricity/telecommunication work			5		1		1	1	5	3	2	1	4	4	2	3	1	3		4	2	1	3	1	47	electricity/telecommunication work
030111	port/seaside construction work			1			1	1	2	1	1	1					1	1	2				2	1	15	port/seaside construction work	
030102	tunnel construction work					3			1								1			1		2	1	1	10	tunnel construction work	
011509	other transport equipment products					1		2		2	1													1	7	other transport equipment products	
030302	machinery/apparatus setting work							1	1					1							1	2		1	7	machinery/apparatus setting work	
080109	other wholesale			1						1		1				1		1						1	6	other wholesale	
030202	wooden house construction work			5		5		2	3	6	2		1	5	3	3	3	4	3	3	4	3	1	2	58	wooden house construction work	
030107	river civil engineering work			8		2		5	6	3	1		1		1	1	4	5		1	3	1		1	43	river civil engineering work	
030110	water supply/sewage construction work			2		12		1	4	1		3	2	2	2	2	1	1		1		1	1		36	water supply/sewage construction work	
011702	machine repair					1		2	1								2			1	2	1	2		12	machine repair	
030203	building facility construction work							1	1	1					2		1	1	1	1		2			11	building facility construction work	
040301	general truck transportation service			1		2			1	1		2									1	1			9	general truck transportation service	
011301	machine products			1						1		1		2	2			1							8	machine products	
030108	sand collapse prevention civil engineering work					1		1			1			2			1					1	1		8	sand collapse prevention civil engineering work	
080409	other commerce			1		1			1			1	1				1		1	1					8	other commerce	
030104	railway construction work							1		2				1			1			1	1				7	railway construction work	
170201	security service			1						1	1	1	1		1	1									7	security service	
150102	industrial waste management service							2	1	1							1								5	industrial waste management service	
010909	other sand and stone products			1				1	1		1														4	other sand and stone products	
020201	quarrying					1		1							1								1		4	quarrying	
011502	auto mobile products					1										1				1					3	auto mobile products	
030101	hydroelectric plant construction work															2				1					3	hydroelectric plant construction work	
060101	agriculture											1						1	1						3	agriculture	
080204	fuel retail					1						1							1						3	fuel retail	
011009	other steel products												1						1						2	other steel products	
011701	auto mobile servicing								1										1						2	auto mobile servicing	
011709	other manufacturing					1														1					2	other manufacturing	
020309	other mining			1				1																	2	other mining	
080209	other retails			1				1																	2	other retails	
010409	other lumber and wood products											1													1	other lumber and wood products	
010503	fittings							1																	1	fittings	
010901	cement products							1																	1	cement products	









100101	movie production and delivery service																								movie production and delivery service		
100102	movie theatre																								movie theatre		
100109	other movie/play service																								other movie/play service		
110101	telecommunication service																								telecommunication service		
120101	auto mobile practical training																								auto mobile practical training		
120102	software service																								software service		
130101	hospital																								hospital		
130102	general clinic																								general clinic		
130109	other medical treatment service																								other medical treatment service		
130201	social welfare facility																								social welfare facility		
130301	bathhouse																								bathhouse		
140101	hotel																								hotel		
140201	general restaurant																								general restaurant		
140209	other restaurants																								other restaurants		
140302	park and amusement park																								park and amusement park		
140309	other amusement service																								other amusement service		
150101	building maintenance service																								building maintenance 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			107		80		86	87	69	63	54	53	56	64	62	62	70	61	57	64	51	61	44	44	1,295	total

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

[https://www.jisha.or.jp/english/statistics/202311\\_12.html](https://www.jisha.or.jp/english/statistics/202311_12.html)