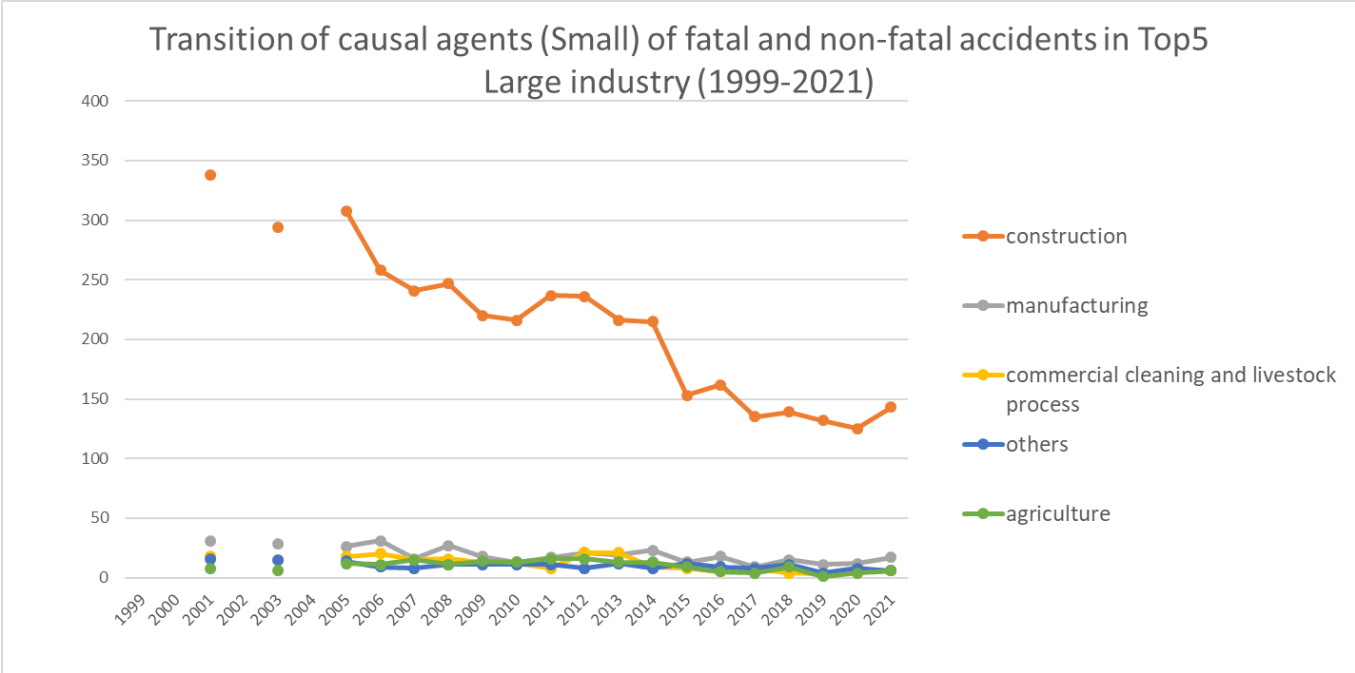
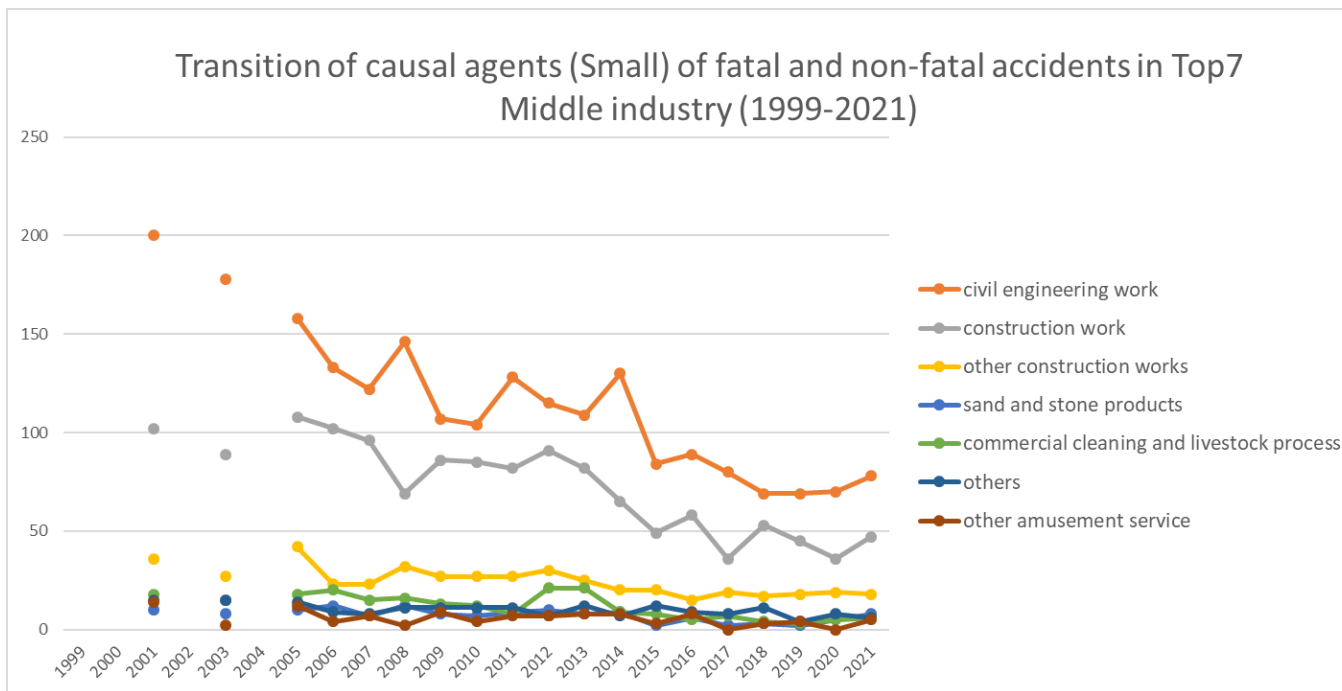


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 149 other construction machines (1999-2021)

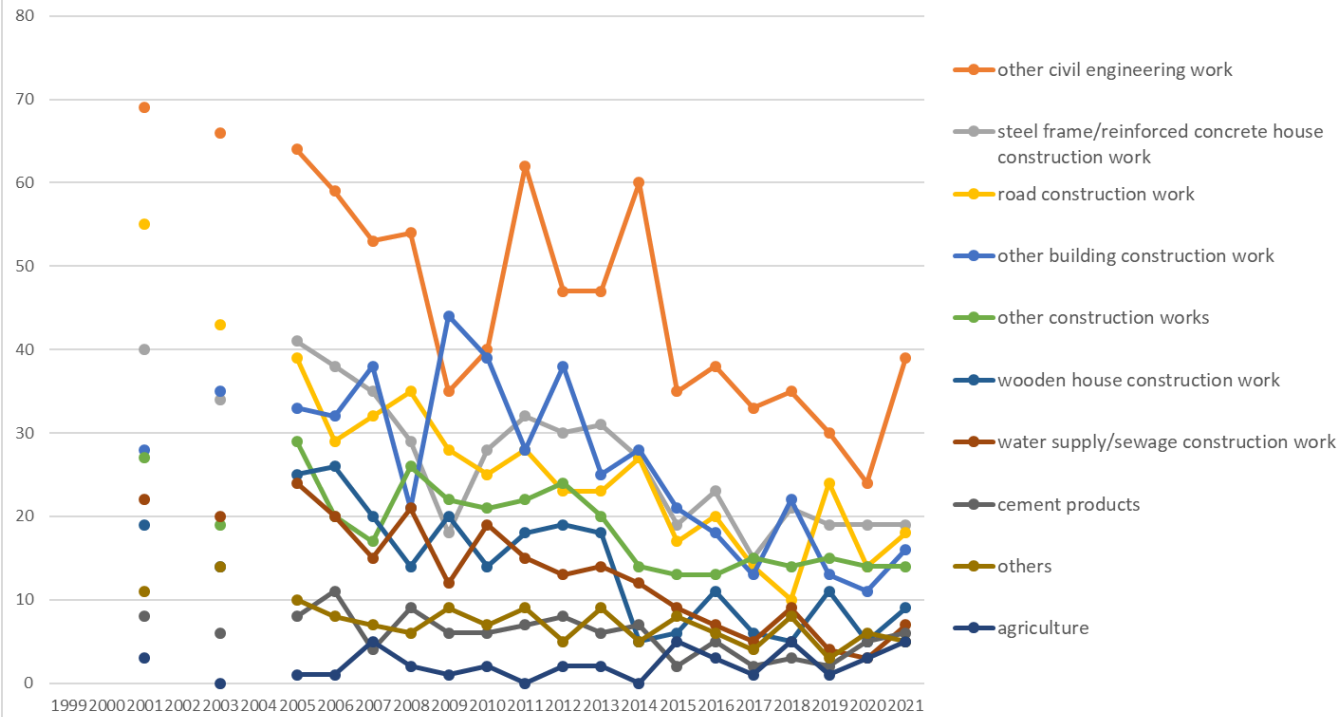


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 149 other construction machines in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 149 other construction machines 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. 149 other construction machines in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 149 other construction machines 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
03	construction			338		294		308	258	241	247	220	216	237	236	216	215	153	162	135	139	132	125	143	4,015	construction
01	manufacturing			31		28		26	31	16	27	18	13	17	21	19	23	13	18	9	15	11	12	17	365	manufacturing
15	commercial cleaning and livestock process			18		15		18	20	15	16	13	12	8	21	21	9	8	5	7	4	3	5	6	224	commercial cleaning and livestock process
17	others			16		15		14	9	8	11	11	11	11	8	12	8	12	9	8	11	4	8	6	192	others
06	agriculture			8		6		12	11	15	11	14	13	16	16	13	13	9	5	4	9	1	4	6	186	agriculture
04	transportation service			8		12		5	18	14	9	12	6	10	10	7	8	6	7	6	10	3	9	5	165	transportation service
	hotel/restaurant/amusement																									hotel/restaurant/amusement

14	service			15		2		13	4	7	2	9	4	8	8	11	9	3	9		3	4		5	116	service
02	mining			8		4		4	2	2	2	3	2	1	1	4	2	1	4	2	3	1	1	2	49	mining
05	cargo handling service					2		2	1			1	1	1	1	1			1					2	13	cargo handling service
08	commerce			14		9		17	8	12	12	11	12	13	6	12	9	6	5	9	4	6	7	1	173	commerce
13	health and hygiene service			3				1						5	1	1			1			1	1	1	15	health and hygiene service
07	livestock/fishery					1			1							1						1		1	5	livestock/fishery
12	education/research service			1				1	1			1	1		1	3	1	1	1						12	education/research service
09	financial business/advertisement												1		1	1									3	financial business/advertisement
11	telecommunication service																						1		1	telecommunication service
16	public office																					1			1	public office
10	movie/play service																									movie/play service
	total			460		388		421	364	330	337	313	292	327	331	322	297	212	227	180	198	168	173	195	5,535	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 149 other construction machines in Middle industry (1999-2021)

[illegible]

1403	other amusement service			14		2		12	4	7	2	9	4	7	7	8	8	3	8		3	4		5	107	service
0117	other manufacturing			8		8		8	11	1	5	3	3	4	3	6	3	5	5	3	3	5	2	5	91	other manufacturing
0601	agriculture			3				1	1	5	2	1	2		2	2		5	3	1	5	1	3	5	42	agriculture
0403	road cargo transportation service			8		12		4	15	13	9	9	6	10	9	5	8	5	7	4	8	2	8	3	145	road cargo transportation service
0202	quarrying			8		3		3	2	2	2	2	2	1	1	2	2	1	4	2	2		1	2	42	quarrying
0113	machine products			2		4		3	3	1	4				1		3	4	4		4		1	2	36	machine products
0401	railroad/water transportation/airline service							1	1	1		1				2		1		2	1	1	1	2	14	railroad/water transportation/airline service
0602	forestry			5		6		11	10	10	9	13	11	16	14	11	13	4	2	3	4		1	1	144	forestry
0802	retail			6		3		6	4	4	3	4	4		4	2	5	1	3	4	1	3	2	1	60	retail
0112	metal products			1		3		2	3	3		2	1	1	3	1	5		1	2	1	1	2	1	33	metal products
0104	wood products			3		3				3		1		1	1	1		1		1		1		1	17	wood products
1302	social welfare facility			1				1						2		1			1				1	1	8	social welfare facility
0501	land cargo handling service					1		2				1	1	1										1	7	land cargo handling service
0502	harbor transportation service					1			1						1	1			1					1	6	harbor transportation service
0701	livestock					1			1							1						1		1	5	livestock
0801	wholesale			3		5		7	1	4	5	4	6	8	2	5	1	1	1	1	2	1	1		58	wholesale
0804	other commerce			5		1		4	3	4	4	3	2	5		5	3	4	1	4	1	2	4		55	other commerce
0110	steel making					2				1	1		1		2		2	1			1	2	1		14	steel making
0115	transport equipment products			2				1	1		1	3	1			1			1		3				14	transport equipment products
1201	education/research service			1				1	1			1	1		1	3	1	1	1						12	education/research service



0103	fiber products																									fiber products
0105	furniture																									furniture
0106	pulp/paper processing products																									pulp/paper processing products
0107	printing/bookbinding																									printing/bookbinding
0702	fishery																									fishery
0803	haircut/beauty salon																									haircut/beauty salon
0901	financial business																									financial business
1001	movie/play service																									movie/play service
	total			460		388		421	364	330	337	313	292	327	331	322	297	212	227	180	198	168	173	195	5,535	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 149 other construction machines in Small industry (1999-2021)

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170201	security service			4		1		4	1	1	5	2	4	2	2	3	2	4	3	4	2	1	2	1	48	security service
080209	other retails			3		2		3	4	2	2	2	4		4	1	4	1	2	3	1	3	2	1	44	other retails
150103	other waste disposal service			1		3			2	1	3	1	4	1	2	7	2	3	2				1	1	34	other waste disposal service
020201	quarrying			7		3		2	1	2	2	2	2	1		2	1	1	3	1	1		1	1	33	quarrying
011209	other metal products			1		2		2	3	3		2	1	1	3	1	5		1	2	1	1	2	1	32	other metal products
011702	machine repair			6		3		3	2		1	3	2		2	1	1	1	2		1	1	1	1	31	machine repair
150109	other cleaning and livestock process service			4		2		2		3	2	3		1	4	1				1	1			1	25	other cleaning and livestock process service
030111	port/seaside construction work							3		3	1	3	1	1	1		5	1		2			1	1	23	port/seaside construction work
140309	other amusement service			2		1		1	1	1		1	1	2	1	1					1	1		1	15	other amusement service
150101	building maintenance service			2				3	3	2				1	1	1			1					1	15	building maintenance service
010409	other lumber and wood products			3		1				3		1				1		1		1		1		1	13	other lumber and wood products
020202	gravel digging			1				1	1								1		1	1	1			1	8	gravel digging
130201	social welfare facility			1				1						2		1			1				1	1	8	social welfare facility
050101	land cargo handling service					1		2				1	1	1										1	7	land cargo handling service
050202	port cargo handling service					1			1							1			1					1	5	port cargo handling service
070101	livestock					1			1							1						1		1	5	livestock
080109	other wholesale			3		4		7	1	3	5	4	6	8	2	5	1	1	1	1	2	1	1		56	other wholesale
080409	other commerce			5		1		4	3	4	4	3	2	5		4	3	4	1	4	1	2	4		54	other commerce
060209	other forestry			1					5	5	3	7	5	4	5		4	2		1	1				43	other forestry
030101	hydroelectric plant construction work			3		3		2			2	1	1	1	2	1		1	1			1			19	hydroelectric plant construction work
040302	specific truck transportation service					3		1	2		3	1			1	1		1	2			1	1		17	specific truck transportation service
011709	other manufacturing					1		1	2	1	3			1		2	2	1	1						15	other manufacturing

011009	other steel products					1				1	1		1		2		2	1			1	2	1			13	other steel products
040309	other land cargo transportation service			1		2		1			1	1		1	1					1	1		1			11	other land cargo transportation service
120109	other education/research service			1				1	1				1		1	3	1	1	1							11	other education/research service
080204	fuel retail			1		1		1		1	1	2				1	1		1							10	fuel retail
140101	hotel							1						1	1	2	1		1							7	hotel
140302	park and amusement park			2								2				2	1									7	park and amusement park
011502	auto mobile products										1	2	1			1					1					6	auto mobile products
011509	other transport equipment products			2				1	1			1									1					6	other transport equipment products
010899	other chemical products							2	1			1					1									5	other chemical products
020309	other mining							1				1				1					1	1				5	other mining
040409	other transportation service								2			1			1						1					5	other transportation service
010401	lumbering					2								1	1											4	lumbering
080201	all kinds of retail			2				1		1																4	all kinds of retail
010905	other ceramic products									1		1		1												3	other ceramic products
090209	other advertisement and mediator												1		1	1										3	other advertisement and mediator
130101	hospital			1										1	1											3	hospital
130309	other health and hygiene service			1										1								1				3	other health and hygiene service
170101	dispatch service			1											1		1									3	dispatch service
010109	other foods			1										1												2	other foods
010805	plastics products														1				1							2	plastics products
011501	ship building																		1		1					2	ship building
011601	electric utility service			1							1															2	electric utility service



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[illegible]

[illegible]

[illegible]

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)