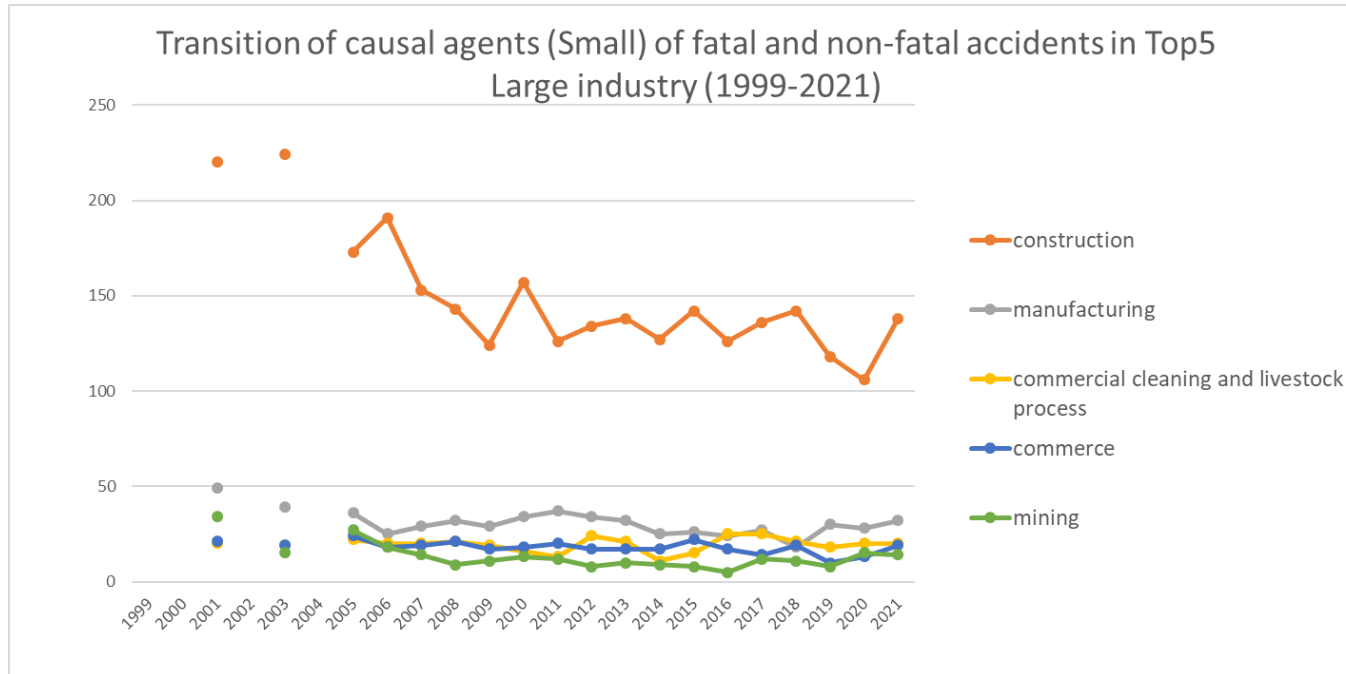
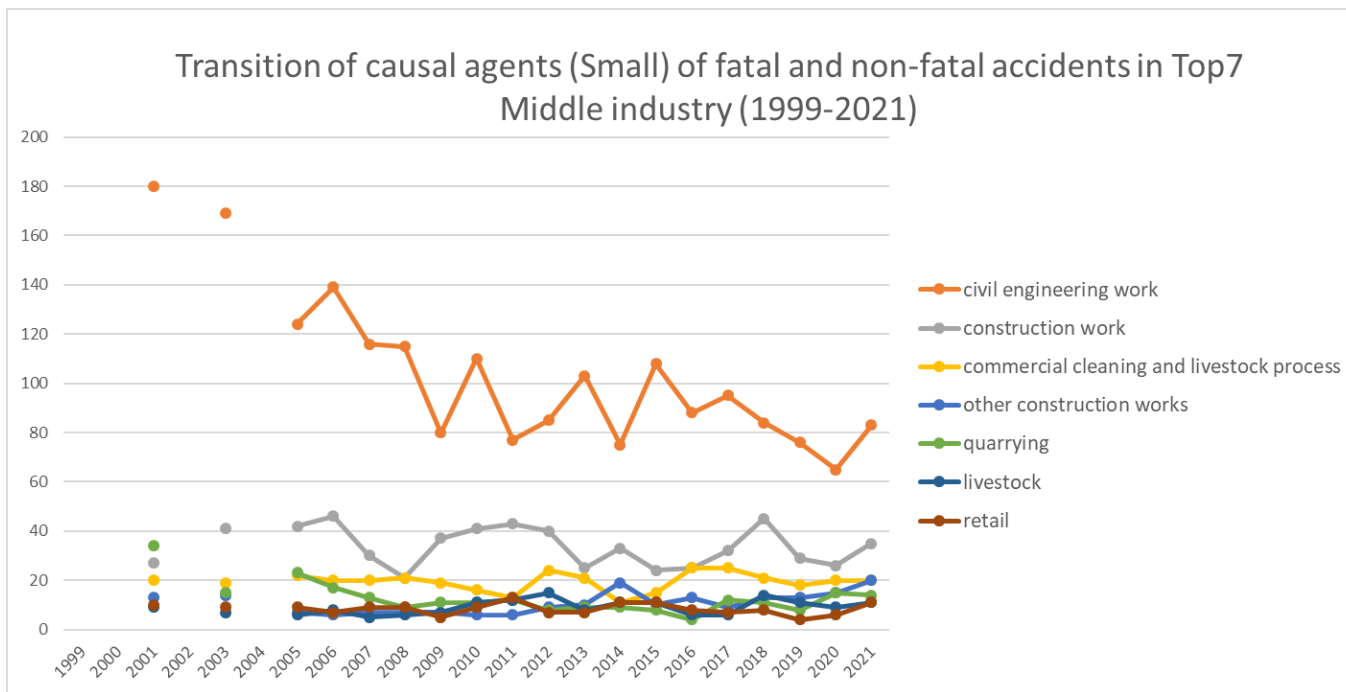


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 141 leveling, transporting or loading machine (1999-2021)

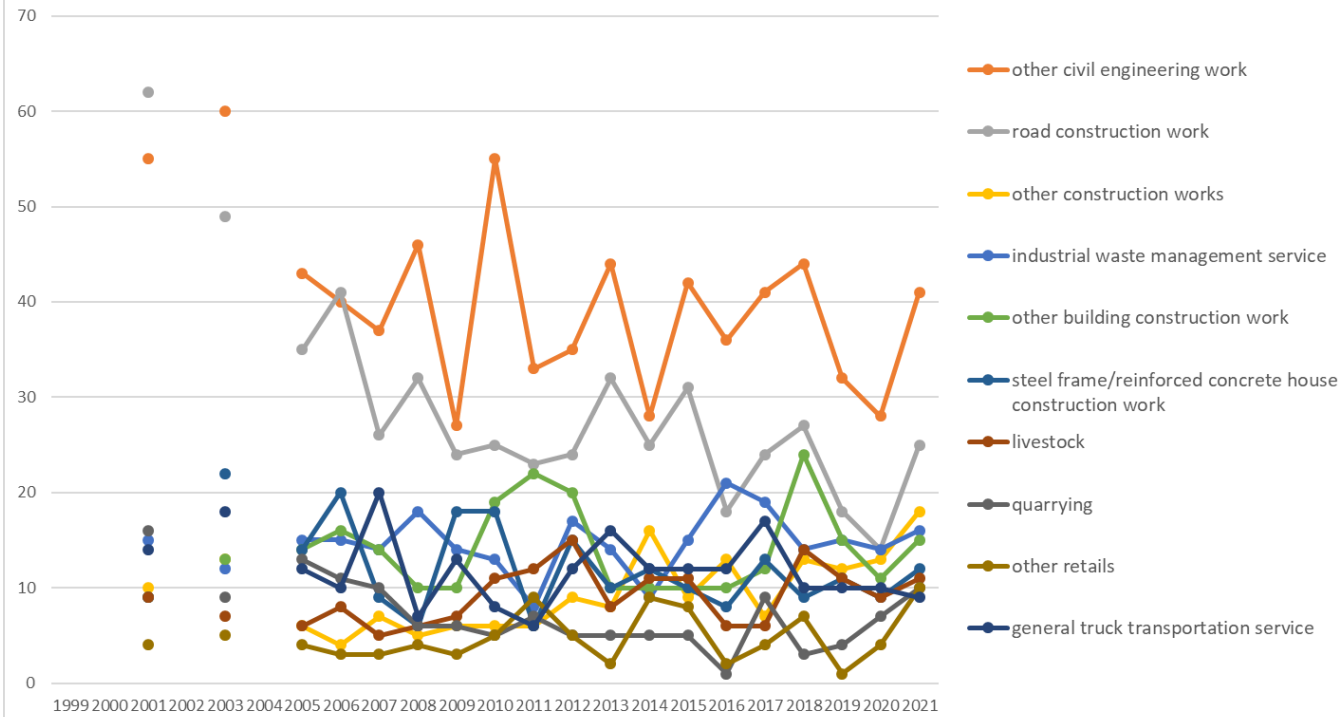


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 141 leveling, transporting or loading machine in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 141 leveling, transporting or loading 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. 141 leveling, transporting or loading machine in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 141 leveling, transporting or loading 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
03	construction			220		224		173	191	153	143	124	157	126	134	138	127	142	126	136	142	118	106	138	2,818	construction
01	manufacturing			49		39		36	25	29	32	29	34	37	34	32	25	26	24	27	18	30	28	32	586	manufacturing
15	commercial cleaning and livestock process			20		19		22	20	20	21	19	16	13	24	21	11	15	25	25	21	18	20	20	370	commercial cleaning and livestock process
08	commerce			21		19		24	18	19	21	17	18	20	17	17	17	22	17	14	19	10	13	19	342	commerce
02	mining			34		15		27	18	14	9	11	13	12	8	10	9	8	5	12	11	8	15	14	253	mining
07	livestock/fishery			9		7		6	8	5	6	8	12	13	15	8	11	11	8	6	14	11	11	12	181	livestock/fishery
04	transportation service			17		18		14	15	29	12	19	8	8	16	18	12	15	15	17	13	13	11	10	280	transportation service

040301	general truck transportation service			14	18		12	10	20	7	13	8	6	12	16	12	12	12	17	10	10	10	9	228	general truck transportation service
060101	agriculture			2	1		1	3	6	2	4	8	3	6	6	4	5	6	6	9	6	5	7	90	agriculture
030109	land consolidation civil engineering work			18	21		14	19	14	15	7	4	6	4	6	9	11	6	10	2	8	6	6	186	land consolidation civil engineering work
030202	wooden house construction work			6	6		11	8	7	3	8	1	13	4	3	8	2	5	4	10	3	4	6	112	wooden house construction work
030110	water supply/sewage construction work			29	23		12	20	15	9	13	8	9	11	5	7	10	11	9	6	5	7	5	214	water supply/sewage construction work
080409	other commerce			4	6		9	7	7	7	6	5	3	6	6	4	4	6	6	8	3	5	5	107	other commerce
010901	cement products			9	5		7	4	2	5	2	10	5	7	8	3	6	4	6	1	6	1	5	96	cement products
011702	machine repair			4	7		4	2	2	7	2	1	8	4	2	6	5	2	5	6	4	3	5	79	machine repair
170201	security service			9	10		17	10	9	10	8	7	15	8	7	5	7	5	8	4	3	7	4	153	security service
020202	gravel digging			14	5		9	6	3	2	4	5	4	3	4	4	3	2	3	8	3	8	4	94	gravel digging
010909	other sand and stone products			3	6		6	3	7	2	3	2	7	5	4	3	2	5			1	3	4	66	other sand and stone products
011709	other manufacturing			4	3		4	4	1	2	1	1	1	2	4	1	4	4	2	1	1	3	4	47	other manufacturing
010804	petroleum/coal products			5	1				1		1	1	1	1		1	2				1		4	19	petroleum/coal products
050201	general harbor transportation service				2		1	1		2		1			1			1	3	1			4	17	general harbor transportation service
030107	river civil engineering work			6	6		13	12	9	4	5	9	3	5	8	2	5	6	4	2	7	7	3	116	river civil engineering work
170209	others			6	9		5	6	2	9	3	5	2	7	4	4	7	3	5	6	3	7	3	96	others
140301	golf course			5	1		3	6	8	5	6	2	5	2	5	4	3	2		4	2	4	3	70	golf course
050202	port cargo handling service			2			2	2	2	4	2	3		2	2		3	2	2	2	1	4	3	38	port cargo handling service
060201	lumbering			6	9		5	8	1	6	7	4	6	9	5	2		2	2	5	2	1	2	82	lumbering
080109	other wholesale			5	4		5	3	3	5	6	4	4	4	4	2	6	3	1	3	3	2	2	69	other wholesale
150103	other waste disposal service			4	3		5	1	2	2	4	2	2	5	4	1		3	5	7	2	4	2	58	other waste disposal service

030203	building facility construction work			3			3	2		2	1	3	2	1	2	3	2	2	3	2		2	2	35	building facility construction work	
010409	other lumber and wood products			1		1		1	3	1	1		1	1		1		2		1	2	2	2	20	other lumber and wood products	
010401	lumbering			1			1	1	2	2		2		1	2	1	1	1			1	1	2	19	lumbering	
120101	auto mobile practical training					1		2					1			2				2			2	11	auto mobile practical training	
080204	fuel retail			6		4		2	3	5	5	1	3	2	2	2	2	1	5	3	1	3	2	1	53	fuel retail
030108	sand collapse prevention civil engineering work			5		3		3	3	8	4		4	1	3	2	1	3	3	1	1	4		1	50	sand collapse prevention civil engineering work
060209	other forestry			2		1		4	2	3	5	1	1	3		1	2	1	5		1	6		1	39	other forestry
011209	other metal products			4		1		3	1	1	2	1	4	2	1	2				2	1		2	1	28	other metal products
011301	machine products			2		3		1	1				1	2	2	3	1			2	1	3		1	23	machine products
150109	other cleaning and livestock process service			1		3		1	4	2	1	1		1	2	2	1		1			1	1	1	23	other cleaning and livestock process service
050101	land cargo handling service			2		3		1	2		2			1	2			2	1	3				1	20	land cargo handling service
011001	steel/iron/rolling products					1		2			2	2	1		4	1	1	1		2			1	1	19	steel/iron/rolling products
030111	port/seaside construction work			1				2		2	2		1			2	1		2	2			1	1	17	port/seaside construction work
030301	electricity/telecommunication work			2				1	1				1			2	1			2		1	1	1	13	electricity/telecommunication work
010809	chemical fertilizer products			2		2					2	1	1			1					1		1	1	11	chemical fertilizer products
030302	machinery/apparatus setting work			1		1			1		2					2	1						1	1	10	machinery/apparatus setting work
030104	railway construction work							1			1		1	1	1	1					1	1		1	9	railway construction work
120109	other education/research service							1		2		1			1			1		1	1			1	9	other education/research service
150101	building maintenance service					1		1		2				1		1				1			1	1	9	building maintenance service

070201	fishery											1	1	1							2										2	1	8	fishery			
040101	railroad service											1		1																1		1	1	5	railroad service		
050209	other harbor transportation service																																	1	5	other harbor transportation service	
080401	warehousing																																	1	2	warehousing	
110101	telecommunication service																																	1	2	telecommunication service	
010903	pottery products																																	1	1	pottery products	
011601	electric utility service																																	1	1	electric utility service	
011701	auto mobile servicing			4	4	4	3	4	6	3	3	3	3	2	3	1	2	4	3	2	4														58	auto mobile servicing	
030105	bridge construction work			2	2		1	3	1	3	1	1	1	3	1	4	1	3																	28	bridge construction work	
030102	tunnel construction work				3		1	1	2	1	1		1		1	2	5		1																21	tunnel construction work	
011009	other steel products			1	2	1						1	1	1		1		1	3		2	1	2												17	other steel products	
140101	hotel				1			1	2	2		2	1		1		1		1	1	1	3													17	hotel	
040302	specific truck transportation service			2																																15	specific truck transportation service
040309	other land cargo transportation service																																			15	other land cargo transportation service
130101	hospital			1																																13	hospital
020209	other quarrying			4	1	1						1	1	1																						12	other quarrying
140309	other amusement service				2																															12	other amusement service
080202	auto mobile retail																																			10	auto mobile retail
010109	other foods																																			9	other foods
010899	other chemical products																																			9	other chemical products
020309	other mining																																			9	other mining
010101	meat/dairy products																																			8	meat/dairy products
010601	pulp/paper																																			8	pulp/paper
130201	social welfare facility																																			8	social welfare facility

090209	other advertisement and mediator																							other advertisement and mediator		
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		
120102	software service																							software service		
130102	general clinic																							general clinic		
130109	other medical treatment service																							other medical treatment service		
130301	bathhouse																							bathhouse		
130309	other health and hygiene service																							other health and hygiene service		
140209	other restaurants																							other restaurants		
150104	cremation service																							cremation service		
	total			407		381		346	347	306	295	260	293	268	287	279	235	272	251	270	277	234	237	278	5,523	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