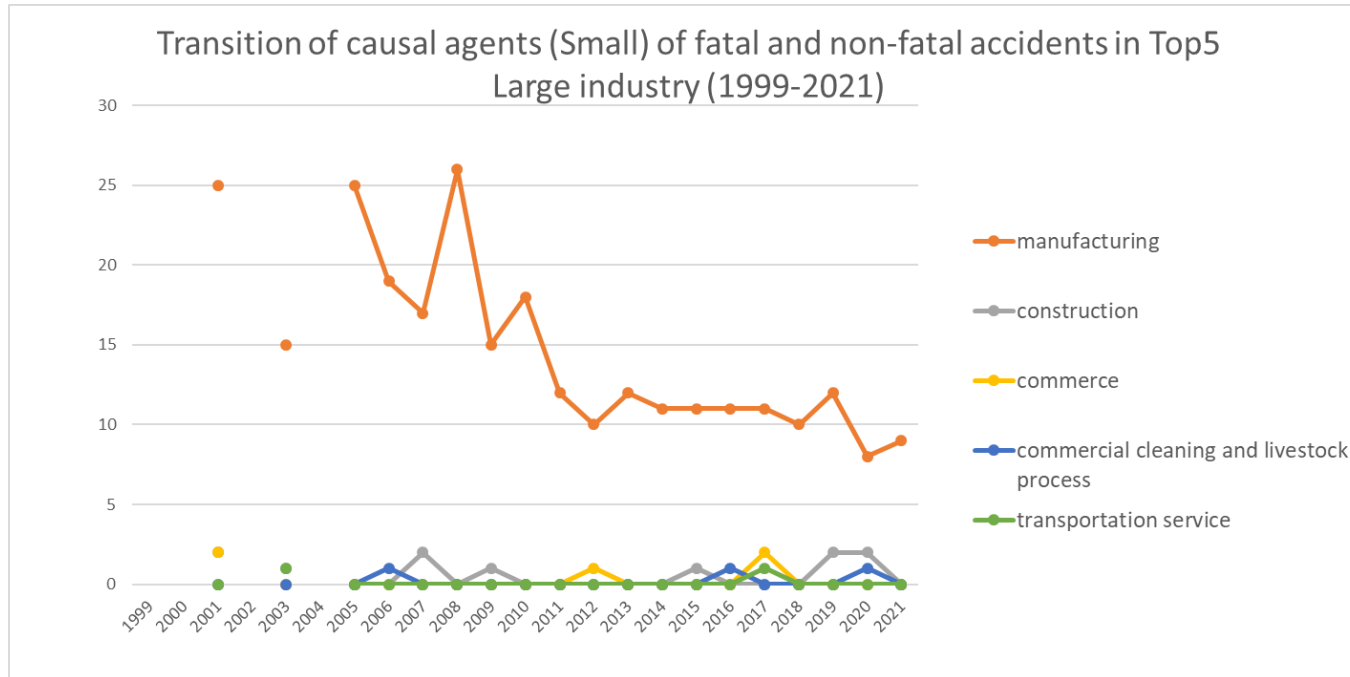
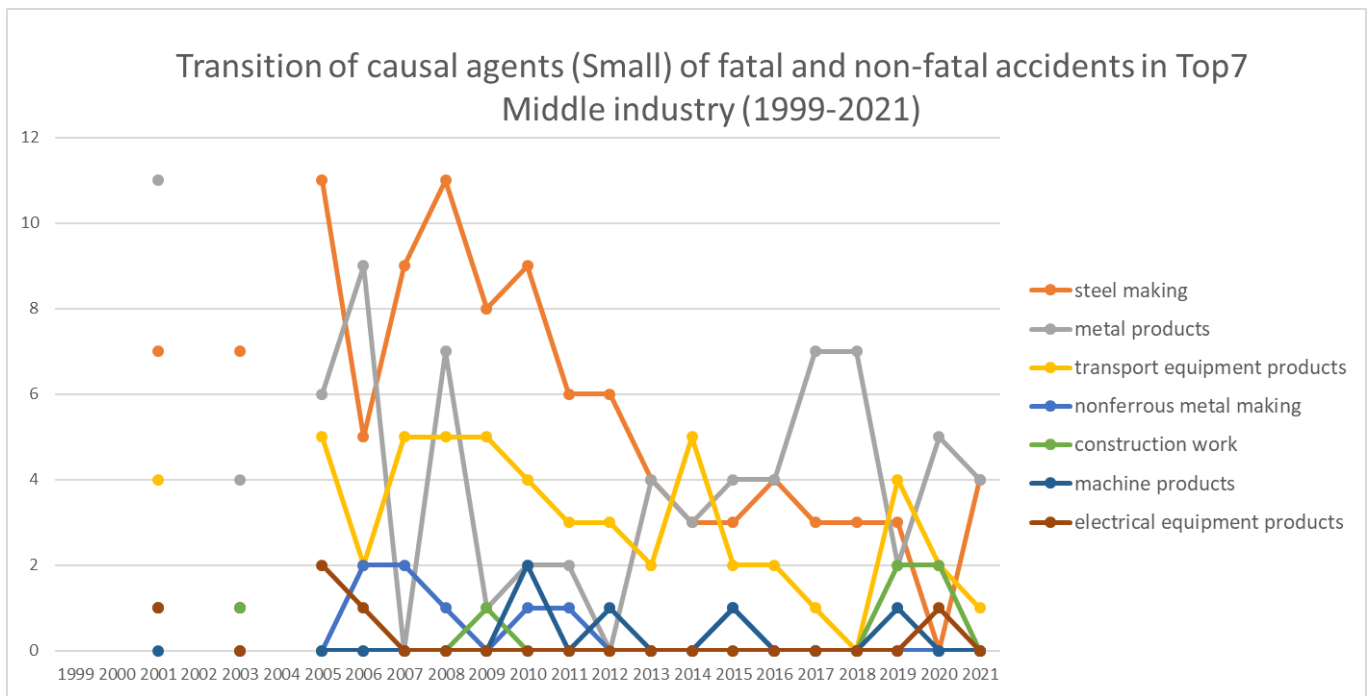


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 155 forging pressure hammer (1999-2021)

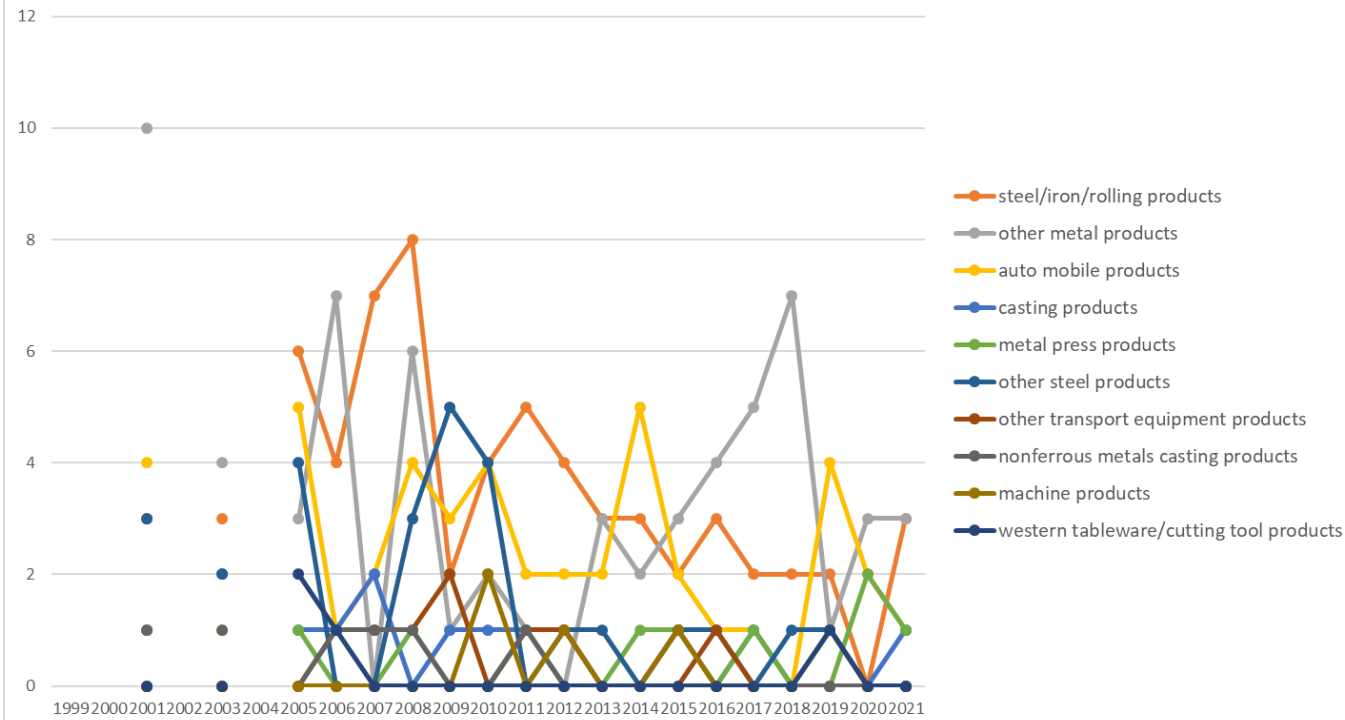


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 155 forging pressure hammer in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 155 forging pressure hammer 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. 155 forging pressure hammer in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 155 forging pressure hammer 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
01	manufacturing			25		15		25	19	17	26	15	18	12	10	12	11	11	11	11	10	12	8	9	277	manufacturing
03	construction			2		1				2		1					1				2	2			11	construction
08	commerce			2											1					2					5	commerce
15	commercial cleaning and livestock process								1										1				1		3	commercial cleaning and livestock process
04	transportation service					1														1					2	transportation service
12	education/research service			1											1										2	education/research service
02	mining								1																1	mining

13	health and hygiene service																																									1			1	health and hygiene service							
05	cargo handling service																																																	cargo handling service			
06	agriculture																																																		agriculture		
07	livestock/fishery																																																			livestock/fishery	
09	financial business/advertisement																																																			financial business/advertisement	
10	movie/play service																																																			movie/play service	
11	telecommunication service																																																			telecommunication service	
14	hotel/restaurant/amusement service																																																				hotel/restaurant/amusement service
16	public office																																																				public office
17	others																																																				others
	total			30		17		25	21	19	26	16	18	12	12	12	11	12	12	14	10	15	11	9	302	total																											

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 155 forging pressure hammer 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
0110	steel making			7		7		11	5	9	11	8	9	6	6	4	3	3	4	3	3		4	106	steel making	
0112	metal products			11		4		6	9		7	1	2	2		4	3	4	4	7	7	2	5	4	82	metal products
0115	transport equipment products			4		1		5	2	5	5	5	4	3	3	2	5	2	2	1		4	2	1	56	transport equipment products
0111	nonferrous metal making			1		1			2	2	1		1	1				1							10	nonferrous metal making
0302	construction work			1		1						1										2	2		7	construction work
0113	machine products												2		1			1				1			5	machine products
0114	electrical equipment products			1				2	1														1		5	electrical equipment products

0117	other manufacturing					1					1	1								1				4	other manufacturing	
0801	wholesale			2										1						1					4	wholesale
0101	food products													1						1					3	food products
0301	civil engineering work									2										1					3	civil engineering work
1501	commercial cleaning and livestock process									1										1					3	commercial cleaning and livestock process
0108	chemical products							1		1															2	chemical products
1201	education/research service																			1					2	education/research service
0102	textile products																			1					1	textile products
0104	wood products									1															1	wood products
0106	pulp/paper processing products																								1	pulp/paper processing products
0109	sand and stone products																								1	sand and stone products
0202	quarrying										1														1	quarrying
0303	other construction works																								1	other construction works
0402	road passenger transport service																								1	road passenger transport service
0403	road cargo transportation service																								1	road cargo transportation service
0802	retail																								1	retail
1302	social welfare facility																								1	social welfare facility
0103	fiber products																									fiber products
0105	furniture																									furniture
0107	printing/bookbinding																									printing/bookbinding









	products																							products
011101	nonferrous metals/rolling products								1														1	nonferrous metals/rolling products
011401	heavy electrical equipment							1															1	heavy electrical equipment
011402	electrical appliance			1																			1	electrical appliance
011403	electronics equipment and telecommunications apparatus							1															1	electronics equipment and telecommunications apparatus
011501	ship building								1														1	ship building
011503	railway vehicle products								1														1	railway vehicle products
020201	quarrying							1															1	quarrying
030101	hydroelectric plant construction work								1														1	hydroelectric plant construction work
030106	road construction work														1								1	road construction work
030199	other civil engineering work								1														1	other civil engineering work
030203	building facility construction work																			1			1	building facility construction work
030302	machinery/apparatus setting work			1																			1	machinery/apparatus setting work
040201	taxi service																1						1	taxi service
040301	general truck transportation service					1																	1	general truck transportation service
080101	all kinds of wholesale			1																			1	all kinds of wholesale
080209	other retails																1						1	other retails
130201	social welfare facility																		1				1	social welfare facility
150103	other waste disposal service															1							1	other waste disposal service
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
010301	over/under wear																						over/under wear
010309	other fiber products																						other fiber products
010401	lumbering																						lumbering
010409	other lumber and wood products																						other lumber and wood products
010501	wood furniture																						wood furniture
010502	metal furniture																						metal furniture
010503	fittings																						fittings
010509	other furniture																						other furniture
010601	pulp/paper																						pulp/paper
010609	other pulp/paper processing products																						other pulp/paper processing products
010701	printing service																						printing service
010702	bookbinding																						bookbinding
010709	other printing and bookbinding																						other printing and bookbinding
010802	chemical fiber																						chemical fiber
010803	pharmaceuticals																						pharmaceuticals
010804	petroleum/coal products																						petroleum/coal products

010805	plastics products																					plastics products
010807	leather products																					leather products
010808	painting products																					painting products
010809	chemical fertilizer products																					chemical fertilizer products
010899	other chemical products																					other chemical products
010901	cement products																					cement products
010902	glass products																					glass products
010903	pottery products																					pottery products
010904	fire resisting products																					fire resisting products
010905	other ceramic products																					other ceramic products
011204	metal plating products																					metal plating 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
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
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													
030102	tunnel construction work																																																			tunnel construction work													
030103	subway construction work																																																					subway construction work											
030104	railway construction work																																																					railway construction work											
030105	bridge construction work																																																						bridge construction work										
030107	river civil engineering work																																																						river civil engineering work										
030108	sand collapse prevention civil engineering work																																																						sand collapse prevention civil engineering work										
030109	land consolidation civil engineering work																																																							land consolidation civil engineering work									
030110	water supply/sewage construction work																																																								water supply/sewage construction work								
030111	port/seaside construction work																																																								port/seaside construction work								
030301	electricity/telecommunication work																																																								electricity/telecommunication work								
030309	other construction works																																																								other construction works								
040101	railroad service																																																										railroad service						
040102	water transportation service																																																											water transportation service					
040103	airline service																																																											airline service					
040202	bus service																																																																bus service
040209	other passenger transport service																																																																other passenger transport service





140209	other restaurants																							other restaurants
140301	golf course																							golf course
140302	park and amusement park																							park and amusement park
140309	other amusement service																							other amusement service
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
170201	security service																							security service
170202	information processing service																							information processing service
170209	others																							others
	total		30	17	25	21	19	26	16	18	12	12	12	11	12	12	14	10	15	11	9	302	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)