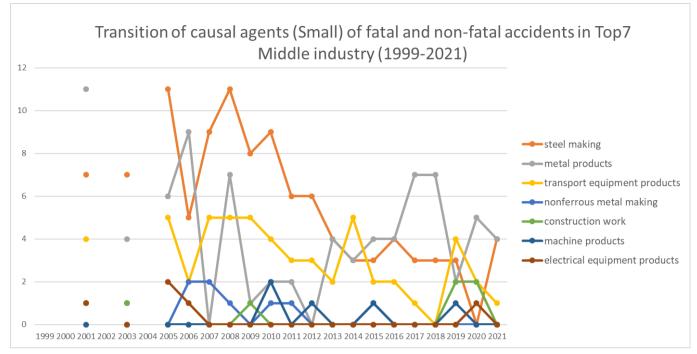
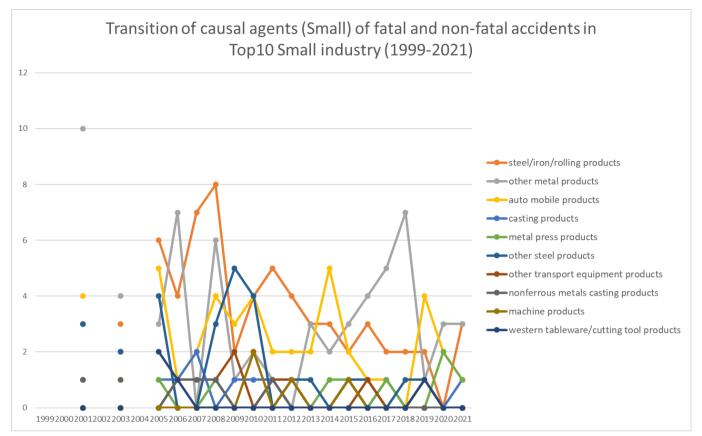


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 155 forging pressure hammer in Large industry (1999-2021)



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 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								1										1				1		2	commercial cleaning and
	livestock process								•																5	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																						financial
	business/advertisement																						business/advertisement
10	movie/play service																						movie/play service
11	telecommunication service																						telecommunication service
14	hotel/restaurant/amusement																						hotel/restaurant/amusement
	service																						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	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		1		3	food products
0301	civil engineering work						2						1					3	civil engineering work
1501	commercial cleaning and livestock process					1								1			1	3	commercial cleaning and livestock process
0108	chemical products				1		1											2	chemical products
1201	education/research service		1								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															1	pulp/paper processing products
0109	sand and stone products							1										1	sand and stone products
0202	quarrying					1												1	quarrying
0303	other construction works		1															1	other construction works
0402	road passenger transport service														1			1	road passenger transport service
0403	road cargo transportation service			1														1	road cargo transportation service
0802	retail														1			1	retail
1302	social welfare facility															1		1	social welfare facility
0103	fiber products																		fiber products
0105	furniture																		furniture
0107	printing/bookbinding																		printing/bookbinding

0116	electric/gas/water service												electric/gas/water service
0201	coal mining										 		coal mining
0203	other mining												other mining
0401	railroad/water transportation/airline service												railroad/water transportation/airline service
0404	other transportation service												other transportation service
0501	land cargo handling service												land cargo handling service
0502	harbor transportation service												harbor transportation service
0601	agriculture												agriculture
0602	forestry												forestry
0701	livestock												livestock
0702	fishery												fishery
0803	haircut/beauty salon												haircut/beauty salon
0804	other commerce												other commerce
0901	financial business												financial business
0902	advertisement and mediator												advertisement and mediator
1001	movie/play service												movie/play service
1101	telecommunication service												telecommunication service
1301	medical treatment service												medical treatment

1202	other health and hygiene service																						other health and
1303																							hygiene service
1401	hotel																						hotel
1402	restaurant																						restaurant
1403	other amusement service																						other amusement service
1601	public office																						public office
1701	dispatch service																						dispatch service
1702	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 Small industry (1999-2021)

code	Small industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2 2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Small industry
011001	steel/iron/rolling products			3		3		6	4	7	8	2	4	5	4	3	3	2	3	2	2	2		3	66	steel/iron/rolling products
011209	other metal products			10		4		3	7		6	1	2	1		3	2	3	4	5	7	1	3	3	65	other metal products
011502	auto mobile products			4		1		5	1	2	4	3	4	2	2	2	5	2	1	1		4	2	1	46	auto mobile products
011002	casting products			1		2		1	1	2		1	1	1	1					1				1	13	casting products
011203	metal press products			1				1			1			1			1	1		1			2	1	10	metal press products
011009	other steel products			3		2		4			3	5	4		1	1		1	1		1	1			27	other steel products
011509	other transport equipment products								1	1	1	2		1	1				1						8	other transport equipment products
011102	nonferrous metals casting products			1		1			1	1	1			1				1							7	nonferrous metals casting products
011301	machine products												2		1			1				1			5	machine products
011201	western tableware/cutting tool products							2	1													1			4	western tableware/cutting tool products

011202	screw products					1						1			1			3	screw products
080109	other wholesale		1								1				1			3	other wholesale
010102	fishery products											1		1				2	fishery products
011109	other nonferrous metal products					1				1								2	other nonferrous metal products
011409	other electrical equipment					1											1	2	other electrical equipment
011701	auto mobile servicing			1				1										2	auto mobile servicing
011702	machine repair								1							1		2	machine repair
030201	steel frame/reinforced concrete house construction work								1								1	2	steel frame/reinforced concrete house construction work
030202	wooden house construction work		1													1		2	wooden house construction work
030209	other building construction work			1												1		2	other building construction work
120109	other education/research service		1								1							2	other education/research service
150109	other cleaning and livestock process service					1											1	2	other cleaning and livestock process service
010101	meat/dairy products															1		1	meat/dairy products
010209	other textile products											1						1	other textile products
010402	plywood			1														1	plywood
010602	paper processing products		1															1	paper processing products
010801	non organic or organic chemical products						1											1	non organic or organic chemical products
010806	rubber products				1													1	rubber products
010909	other sand and stone							1										1	other sand and stone

	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
	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
	chemical fiber												chemical fiber
	pharmaceuticals												pharmaceuticals
010804	petroleum/coal products												petroleum/coal products

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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											sand collapse prevention civil
	engineering work											engineering work
030109	land consolidation civil											land consolidation civil
	engineering work											 engineering work
030110	water supply/sewage											water supply/sewage
	construction work											construction work
030111	port/seaside construction											port/seaside construction
	work											 work
030301	electricity/telecommunication											electricity/telecommunication
	work											 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											other passenger transport
	service											service

040302	specific truck transportation												specific truck transportation service
040303	cargo/ light automobile transportation service												cargo/ light automobile transportation service
040309	other land cargo transportation service												other land cargo transportation service
040409	other transportation service												other transportation service
050101	land cargo handling service												land cargo handling service
050201	general harbor transportation service												general harbor transportation service
050202	port cargo handling service												port cargo handling service
050209	other harbor transportation service												other harbor transportation service
060101	agriculture												agriculture
060201	lumbering												lumbering
060209	other forestry												other forestry
070101	livestock												livestock
070201	fishery												fishery
070209	other fishery												other fishery
080102	furniture/fittings wholesale												furniture/fittings wholesale
080201	all kinds of retail												all kinds of retail
080202	auto mobile retail												auto mobile retail
080203	furniture/fittings retail												furniture/fittings retail
080204	fuel retail												fuel retail
080205	newspaper retail												newspaper retail
080301	haircut												haircut
080302	beauty salon												beauty salon

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080401	warehousing													warehousing
080409	other commerce													other commerce
090101	banking/trust business													banking/trust business
090102	stock/commodity trade													stock/commodity trade
	business													business
090103	insurance business													insurance business
090109	other financial business													other financial business
090201	traveling service													traveling service
090209	other advertisement and													other advertisement and
090209	mediator													mediator
100101	movie production and													movie production and
	delivery service													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
	other medical treatment													other medical treatment
130109	service													service
130301	bathhouse													bathhouse
120200	other health and hygiene											 		other health and hygiene
130309	service													service
140101	hotel													hotel
140201	general restaurant													general restaurant

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 : <u>https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm</u> (MHLW, Japan)

https://www.jisha.or.jp/english/statistics/202212_03.html