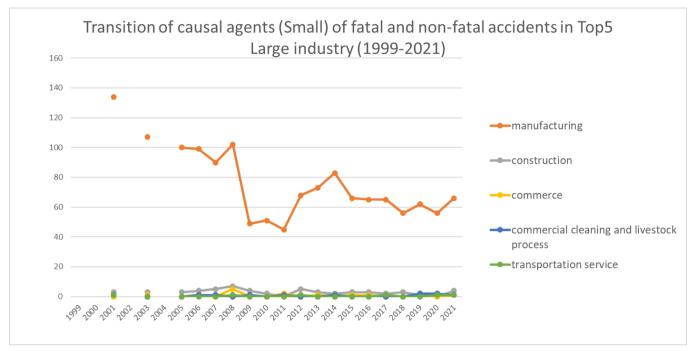
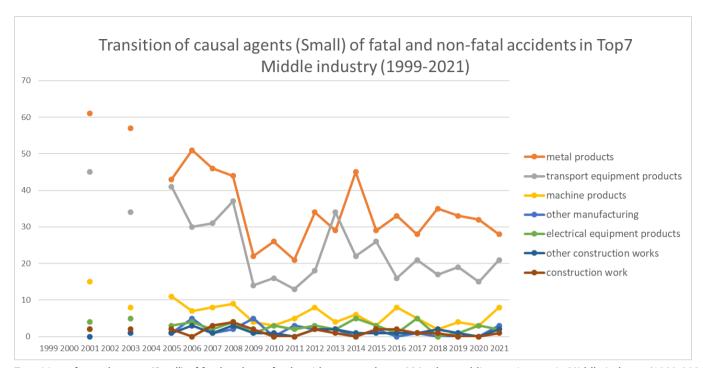
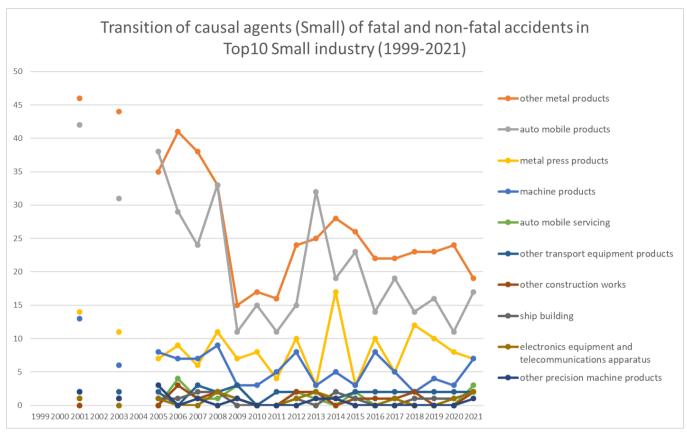
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment 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			134		107		100	99	90	102	49	51	45	68	73	83	66	65	65	56	62	56	66	1,437	manufacturing
03	construction			3		3		3	4	5	7	4	2		5	3	2	3	3	2	3	1		4	57	construction
08	commerce					1			1		5			2		1		1	1			1		1	14	commerce
15	commercial cleaning and			1					1	1		1		1			1					2	2	1	11	commercial cleaning and
	livestock process			<u>'</u>					'	<u>'</u>				<u> </u>			'							<u> </u>		livestock process
04	transportation service			1							1				1					1			1	1	6	transportation service
14	hotel/restaurant/amusement			1																		1		1	2	hotel/restaurant/amusement
11	service																							ı		service

17	others			1	2	1	1			2		2				1						10	others
02	mining				1																	1	mining
11	telecommunication service					1																1	telecommunication 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
12	education/research service																						education/research service
13	health and hygiene service																						health and hygiene service
16	public office																						public office
	total		140	112	106	107	97	115	54	55	48	76	77	86	70	70	68	59	67	59	74	1,540	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment 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
0112	metal products			61		57		43	51	46	44	22	26	21	34	29	45	29	33	28	35	33	32	28	697	metal products
0115	transport equipment products			45		34		41	30	31	37	14	16	13	18	34	22	26	16	21	17	19	15	21	470	transport equipment products
0113	machine products			15		8		11	7	8	9	4	3	5	8	4	6	3	8	5	2	4	3	8	121	machine products
0117	other manufacturing			2		1		1	5	1	2	5		3	2	2		2		1				3	30	other manufacturing
0114	electrical equipment products			4		5		3	4	2	4	1	3	2	3	2	5	3	1	5		1	3	2	53	electrical equipment products
0303	other construction works					1		1	3	1	3	1	1		2	2	1	1	1	1	2	1		2	24	other construction works
0302	construction work			2		2		2		3	4	2			2	1		2	2	1	1			1	25	construction work

0110	steel making		2		1	2		4				2		2				1	3		1	18	steel making
0109	sand and stone products		2	2				1	1						2	1	1	1	1	1	1	14	sand and stone products
0105	furniture		1				2		1						1	3	2				1	11	furniture
1501	commercial cleaning and livestock		1			1	1		1		1			1					2	2	1	11	commercial cleaning and livestock process
0301	civil engineering work		1			1	1		1	1		1		1							1	8	civil engineering work
0403	road cargo transportation service		1					1				1					1			1	1	6	road cargo transportation service
0801	wholesale							1			2										1	4	wholesale
1402	restaurant																		1		1	2	restaurant
0104	wood products																				1	1	wood products
0108	chemical products									2		1		1		2	1			2		9	chemical products
0802	retail			1				4					1		1	1			1			9	retail
1702	others			1	2	1				2												6	others
0111	nonferrous metal making		1										1	1					1			4	nonferrous metal making
1701	dispatch service						1					2				1						4	dispatch service
0101	food products								1	1												2	food products
0102	textile products							1								1						2	textile products
0103	fiber products										1						1					2	fiber products
0107	printing/bookbinding		1											1								2	printing/bookbinding
0106	pulp/paper processing products												1									1	pulp/paper processing products
0202	quarrying				1																	1	quarrying
0804	other commerce					1																1	other commerce
																							telecommunication

1101	telecommunication service				1								1	service
1401	hotel	1											1	hotel
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
0402	road passenger transport service													road passenger transport 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
0901	financial business													financial business
0902	advertisement and mediator													advertisement and mediator
1001	movie/play service													movie/play service
														education/research

1201	education/research service																						service
1301	medical treatment service																						medical treatment service
1302	social welfare facility																						social welfare facility
1303	other health and hygiene service																						other health and hygiene service
1403	other amusement service																						other amusement service
1601	public office																						public office
	total		140	112	106	107	97	115	54	55	48	76	77	86	70	70	68	59	67	59	74	1,540	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment in Small industry (1999-2021)

code	Small 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	Small industry
011209	other metal products			46		44		35	41	38	33	15	17	16	24	25	28	26	22	22	23	23	24	19	521	other metal products
011502	auto mobile products			42		31		38	29	24	33	11	15	11	15	32	19	23	14	19	14	16	11	17	414	auto mobile products
011203	metal press products			14		11		7	9	6	11	7	8	4	10	3	17	3	10	5	12	10	8	7	162	metal press products
011301	machine products			13		6		8	7	7	9	3	3	5	8	3	5	3	8	5	2	4	3	7	109	machine products
011701	auto mobile servicing								4	1	1	3			2	1		2						3	17	auto mobile servicing
011509	other transport equipment products			2		2		2		3	2	3		2	2	2	1	2	2	2	2	2	2	2	35	other transport equipment products
030309	other construction works					1			3	1	2	1			2	2		1	1	1	2			2	19	other construction works
011501	ship building			1		1		1	1	2	2				1		2	1			1	1	1	2	17	ship building
	electronics equipment and telecommunications apparatus			1				1			2	1			1	2	1			1			1	2	13	electronics equipment and telecommunications apparatus
011305	other precision machine			2		1		3		1		1				1	1							1	11	other precision machine

	products																							products
030201	steel frame/reinforced concrete house construction work		2					2	1	1			1	1			1	1				1	11	steel frame/reinforced concrete house construction work
010502	metal furniture		1					1		1						1	3	1				1	9	metal furniture
010901	cement products		2		1				1							1			1	1	1	1	9	cement products
011201	western tableware/cutting tool products		1		1	1		1			1			1				1				1	8	western tableware/cutting tool products
150102	industrial waste management service		1				1								1					2	2	1	8	industrial waste management service
011009	other steel products		1				1		1						2							1	6	other steel products
040301	general truck transportation service								1				1								1	1	4	general truck transportation
080109	other wholesale								1			2										1	4	other wholesale
011204	metal plating products						1															1	2	metal plating products
140201	general restaurant																			1		1	2	general restaurant
010409	other lumber and wood products																					1	1	other lumber and wood products
030106	road construction work																					1	1	road construction work
011409	other electrical equipment		1		5	2	2	2	1		2	2	2		1	1	1	1		1	2		26	other electrical equipment
011709	other manufacturing		1		1	1	1		1	2		2		1				1					11	other manufacturing
030209	other building construction work				1	2		1		1			1			2	1		1				10	other building construction work
011402	electrical appliance		1				1		1						1	2		2					8	electrical appliance
011001	steel/iron/rolling products		1			1			2				1						1	1			7	steel/iron/rolling products
010805	plastics products										2						1	1			2		6	plastics products
011401	heavy electrical equipment		1				1				1				2			1					6	heavy electrical equipment
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030199	other civil engineering work		1			1	1		1			1		1						6	other civil engineering work
170209	others			1	2	1				2										6	others
010909	other sand and stone products			1					1						1	1	1			5	other sand and stone products
011002	casting products					1		1				1						2		5	casting products
030302	machinery/apparatus setting work				1			1		1				1				1		5	machinery/apparatus setting work
011202	screw products			1			1				1					1				4	screw products
011503	railway vehicle products						2			1									1	4	railway vehicle products
030203	building facility construction work			1				3												4	building facility construction work
080209	other retails			1				2					1							4	other retails
170101	dispatch service						1					2				1				4	dispatch service
011109	other nonferrous metal products		1										1					1		3	other nonferrous metal products
010209	other textile products							1								1				2	other textile products
010309	other fiber products										1						1			2	other fiber products
011702	machine repair		1								1									2	machine repair
080202	auto mobile retail															1		1		2	auto mobile retail
080204	fuel retail							2												2	fuel retail
150101	building maintenance service						1		1											2	building maintenance service
010101	meat/dairy products									1										1	meat/dairy products
010109	other foods								1											1	other foods
010501	wood furniture						1													1	wood furniture
010509	other furniture																1			1	other furniture
010609	other pulp/paper processing products												1							1	other pulp/paper processing products

010702	bookbinding										1						1	bookbinding
010709	other printing and bookbinding		1														1	other printing and bookbinding
010801	non organic or organic chemical products										1						1	non organic or organic chemical products
010806	rubber products												1				1	rubber products
010899	other chemical products									1							1	other chemical products
011102	nonferrous metals casting products										1						1	nonferrous metals casting products
011302	measuring instruments			1													1	measuring instruments
020201	quarrying				1												1	quarrying
030110	water supply/sewage construction work							1									1	water supply/sewage construction work
040302	specific truck transportation service		1														1	specific truck transportation service
040309	other land cargo transportation service													1			1	other land cargo transportation service
080201	all kinds of retail											1					1	all kinds of retail
080409	other commerce					1											1	other commerce
110101	telecommunication service					1											1	telecommunication service
140101	hotel		1														1	hotel
150103	other waste disposal service								1								1	other waste disposal service
010102	fishery products																	fishery products
010103	agricultural food products																	agricultural food products
010104	bread/cake products																	bread/cake products
010105	alcoholic drinks																	alcoholic drinks
010106	soft drinks																	soft drinks

010201 silk-reeling											silk-reeling
010202 cotton-spinning											cotton-spinning
010203 weaving											weaving
010204 dyeing											dyeing
010301 over/under wear											over/under wear
010401 lumbering											lumbering
010402 plywood											plywood
010503 fittings											fittings
010601 pulp/paper											pulp/paper
010602 paper processing products											paper processing products
010701 printing service											printing service
010802 chemical fiber											chemical fiber
010803 pharmaceuticals											pharmaceuticals
010804 petroleum/coal products											petroleum/coal products
010807 leather products											leather products
010808 painting products											painting products
010809 chemical fertilizer products											chemical fertilizer 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
nonferrous metals/rolling											nonferrous metals/rolling
products											products
011303 optical instruments											optical instruments
011304 watch products											watch 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											other electric/gas/water
	service											service
011703	cleaning											cleaning
011704	tobacco products											tobacco products
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
030101	hydroelectric plant											hydroelectric plant
030101	construction work											construction work
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
030100	engineering work											engineering work
030109	land consolidation civil											land consolidation civil
030103	engineering work											engineering work
030111	port/seaside construction											port/seaside construction
	work											work
	wooden house construction											wooden house construction

030202	work												work
030301	electricity/telecommunication												electricity/telecommunication work
040101	railroad service							Ì					railroad service
040102	water transportation service												water transportation service
040103	airline service												airline service
040201	taxi service												taxi service
040202	bus service												bus service
040209	other passenger transport service												other passenger transport service
040303	cargo/ light automobile transportation service												cargo/ light automobile 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
080101	all kinds of wholesale												all kinds of wholesale

080102	furniture/fittings wholesale													furniture/fittings wholesale
080203	furniture/fittings retail													furniture/fittings retail
080205	newspaper retail													newspaper retail
080301	haircut													haircut
080302	beauty salon													beauty salon
080401	warehousing													warehousing
090101	banking/trust business													banking/trust business
090102	stock/commodity trade business													stock/commodity trade business
090103	insurance business													insurance business
090109	other financial business													other financial business
090201	traveling service													traveling service
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
120101	auto mobile practical training													auto mobile practical training
120102	software service													software service
120109	other education/research service													other education/research service
130101	hospital													hospital
130102	general clinic													general clinic
130109	other medical treatment service													other medical treatment
130201	social welfare facility													social welfare facility
11	1									 	 		11	1

130301	bathhouse																						bathhouse
130309	other health and hygiene																						other health and hygiene
	service																						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
150104	cremation service																						cremation service
150105	livestock process service																						livestock process service
150109	other cleaning and livestock																						other cleaning and livestock
130109	process service																						process service
160101	public office																						public office
170201	security service																						security service
170202	information processing																						information processing
11	service																						service
	total		140	112	106	107	97	115	54	55	48	76	77	86	70	70	68	59	67	59	74	1,540	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