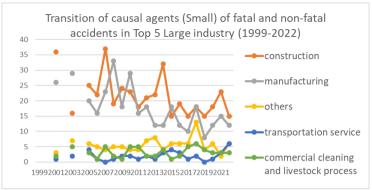
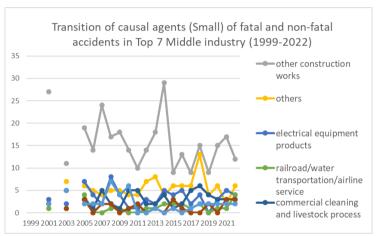
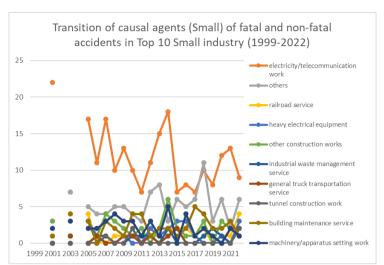
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities in Large industry (1999-2022)

11ans	ition of causal agents (Small) of fat																										
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	2022	total	Large industry
03	construction			36		16		25	22	37	19	24	23	18	21	22	32	15	19	15	18	15	18	23	15	433	construction
01	manufacturing			26		29		20	16	23	33	18	29	16	18	12	12	18	12	10	18	8	12	15	12	357	manufacturing
17	others			3		7		6	5	4	5	5	4	4	7	8	4	6	6	6	13	4	6	2	6	111	others
04	transportation service			1		2		4	1		1	2	2	1	2	1	3	4	3	1	2		1	3	6	40	transportation service
15	commercial cleaning and livestock process			2		5		3	1	5	2	1	5	5	2	2	4	1	2	5	6	4	3	3	3	64	commercial cleaning and livestock process
08	commerce			1		3		3	3	1	4		4	5	1	1	4	2			2	4	4	4	1	47	commerce
14	hotel/restaurant/amusement service			3				1	1		1	1	1	1	2	1	1		2	1		1			1	18	hotel/restaurant/amusement service
12	education/research service					1				1			1		1	1		1				1			1	8	education/research service
13	health and hygiene service															1				2				1	1	5	health and hygiene service
11	telecommunication service							1			1														1	3	telecommunication service
02	mining			1				1		1			1		1					1						6	mining
07	livestock/fishery								1						1							1	1			4	livestock/fishery
05	cargo handling service							1					1											1		3	cargo handling service
06	agriculture												1						1							2	agriculture
09	financial business/advertisement					1														1						2	financial business/advertisement
10	movie/play service																										movie/play service
16	public office																										public office
	total			73		64		65	50	72	66	51	72	50	56	49	60	47	45	42	59	38	45	52	47	1,103	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities in Middle industry (1999-2022)

cod	le 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	2022	total	Middle industry
																											other construction

	other construction works	27	11	19	14	24	17	18	14	10	14		29	9	13	9	15	9		<u> </u>	<u> </u>	314	works
1702	others	3	7	6	5	4	5	5	4	4	7	8	4	6	6	6	13	4	6	2	6	111	others
0114	electrical equipment products	3	2	7	4	2	8	4	1	1	3	2	5	4	5	2	4		3	5	4	69	electrical equipment products
	railroad/water transportation/airline service	1	1	4			1	1			1	1	2	2	2	1	2		1	1	4	25	railroad/water transportation/airline service
	commercial cleaning and livestock process	2	5	3	1	5	2	1	5	5	2	2	4	1	2	5	6	4	3	3	3	64	commercial cleaning and livestock process
0117	other manufacturing	2	1	3		2	2		1	2		1		3	1			2		3	3	26	other manufacturing
0113	machine products	2	5	2	2	2	7	4	6			1		1		1	2	2	2	2	2	43	machine products
0301	civil engineering work	1	1	3	2	2		1	4	2			1	1	2	1	1	1		2	2	27	civil engineering work
0403	road cargo transportation service		1		1			1	2	1	1		1	2						2	2	14	road cargo transportation service
0106	pulp/paper processing products		1			1						3					1				2	8	pulp/paper processing products
0302	construction work	8	4	3	6	11	2	5	5	6	7	4	2	5	4	5	2	5	3	4	1	92	construction work
0115	transport equipment products	4	2	1	3	4	5		3	2	1	1	3	1		1	1	2	2		1	37	transport equipment products
0801	wholesale		1				1		2			1							2	3	1	11	wholesale
1201	education/research service		1			1			1		1	1		1				1			1	8	education/research service
1403	other amusement service							1	1	1			1		2			1			1	8	other amusement service
1302	social welfare facility											1				1				1	1	4	social welfare facility
1101	telecommunication service			1			1														1	3	telecommunication service
0116	electric/gas/water service	4	6	5	1	2	4	1	6	3	2			1					1	1		37	electric/gas/water service
	metal products	3	3	1	1	3	1	3	1	3	2	2		1	1	1	2	1	1			30	metal products
0108	chemical products	2	5	1		1	1	1	2		4	1	1		2	3	2	1	1			28	chemical products
0101	food products	1	1		1	3		2	3	2	2		1	3	1	1	1		1	1		24	food products
0802	retail			2	2	1	2		2	2			3	2			2	4	1	1		24	retail
	sand and stone products	2	1		1		3	2	2	1		1		1	1		1			1		17	sand and stone products
0110	steel making	1	1		1	1	1		2	1			1	1			3		1	1		15	steel making
	other commerce	1	2	1	1		1			3	1		1						1			12	other commerce
0104	wood products		1		1					1	2		1	1	1	1						9	wood products
0111	nonferrous metal making	2				1	1		2													6	nonferrous metal making
=	quarrying	1		1		1			1							1						5	quarrying
1401		2		1			1				1											5	hotel
1402	restaurant	1			1						1	1				1						5	restaurant
0701	livestock				1						1							1	1			4	livestock

0102	textile products						1		1			1											3	textile products
0103	fiber products					1						1			1								3	fiber products
0502	harbor transportation service				1					1											1		3	harbor transportation service
0601	agriculture									1						1							2	agriculture
0105	furniture																				1		1	furniture
0107	printing/bookbinding																	1					1	printing/bookbinding
0203	other mining											1											1	other mining
0402	road passenger transport service															1							1	road passenger transport service
0901	financial business			1																			1	financial business
0902	advertisement and mediator																1						1	advertisement and mediator
1301	medical treatment service																1						1	medical treatment service
0201	coal mining																							coal mining
0404	other transportation service																							other transportation service
0501	land cargo handling service																							land cargo handling service
0602	forestry																							forestry
0702	fishery																							fishery
0803	haircut/beauty salon																							haircut/beauty salon
1001	movie/play service																							movie/play service
1303	other health and hygiene service																							other health and hygiene service
1601	public office																							public office
1701	dispatch service																							dispatch service
	total		73	64	65	50	72	66	51	72	50	56	49	60	47	45	42	59	38	45	52	47	1,103	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 352 electric power facilities in Small industry (1999-2022)

1																											
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	2022	total	Small industry
030301	electricity/telecommunication work			22		7		17	11	17	10	13	10	7	11	15	18	7	8	7	10	8	12	13	9	232	electricity/telecommunication work
170209	others			3		7		5	4	4	5	5	4	3	7	8	3	6	5	6	11	3	6	2	6	103	others
040101	railroad service			1		1		4			1	1			1	1	2	2	2	1	2		1	1	4	25	railroad service
011401	heavy electrical equipment							3	1			1			2	1	2	3	3	1			1		3	21	heavy electrical equipment
	other construction works			3		1			1	4	3	2	1	2		2	6	2	1	1	3		3	2	2	39	other construction works
	industrial waste management service					1			1	1			1	1	1		2				1	2	1		2	14	industrial waste management service
040301	general truck transportation service					1			1			1	1		1		1	2						2	2	12	general truck transportation service
030102	tunnel construction work									1			2												2	5	tunnel construction work
150101	building maintenance service			1		4		3		3	2	1	4	4	1	2	2	1	2	5	4	2	2	3	1	47	building maintenance service
												7	1				1								1	1	

030302 machinery/apparatus setting work		2	3	2	2	3	4	3	3	1	3	1	5		4	1	2	1		2	1	43	machinery/apparatus setting work
011301 machine products		1	5	1	2	2	6	3	6			1		1			2	2	2	2	1	37	machine products
030201 steel frame/reinforced concrete house construction work		4	1	3	3	3		2	3	1	2		1	3	1	2		1	1	1	1	33	steel frame/reinforced concrete house construction work
011501 ship building			1		1	4	3		1	1		1		1				2			1	16	ship building
electronics equipment and telecommunications apparatus			1	2		1		2			1	1				1	3		1		1	14	electronics equipment and telecommunications apparatus
011709 other manufacturing		1	1	2		1	1			2				2						2	1	13	other manufacturing
080109 other wholesale			1				1		2			1							2	3	1	11	other wholesale
other education/research service			1			1			1		1	1						1			1	7	other education/research service
010601 pulp/paper												3					1				1	5	pulp/paper
130201 social welfare facility												1				1				1	1	4	social welfare facility
140309 other amusement service								1							1			1			1	4	other amusement service
other precision machine products		1														1					1	3	other precision machine products
011701 auto mobile servicing				1					1												1	3	auto mobile servicing
110101 telecommunication service				1			1														1	3	telecommunication service
011703 cleaning												1									1	2	cleaning
010602 paper processing products																					1	1	paper processing products
011601 electric utility service		4	6	4	1	2	2	1	5	3	2			1					1	1		33	electric utility service
030209 other building construction work		2	1		1	6	2	1		1	2	3	1	1	1	1	2	2		3		30	other building construction work
011409 other electrical equipment		3		2	2	1	6		1	1			3	1	2		1		1	5		29	other electrical equipment
011209 other metal products		1	2	1	1	2	1	3	1	3	1	2		1		1	2	1	1			24	other metal products
030203 building facility construction work		1	2		1	1		2	2	4	3				2	2		2	2			24	building facility construction work
011502 auto mobile products		4		1	1		1		2	1	1		3			1			2			17	auto mobile products
080209 other retails				1	2		2		1	2			3	2			2	1				16	other retails
011001 steel/iron/rolling products		1	1		1		1		1				1	1			3		1	1		12	steel/iron/rolling products
010909 other sand and stone products		1			1		3	1	2	1					1		1					11	other sand and stone products
080409 other commerce		1	1	1	1		1			3	1		1						1			11	other commerce
030199 other civil engineering work			1	1	2	1				2				1		1						9	other civil engineering work
010109 other foods			1						2					2		1	1		1			8	other foods
010104 bread/cake products						2			1	1	2									1		7	bread/cake products
non organic or organic chemical products			1	1			1		1			1	1		1							7	non organic or organic chemical products
170201 security service					1					1			1		1		2	1				7	security service
010805 plastics products			3					1			1							1				6	plastics products
011702 machine repair		1					1							1	1			2				6	machine repair
010401 lumbering			1							1	1		1			1						5	lumbering

011402 electrical appliance			1		1		2	1													5	electrical appliance
030106 road construction work		1		1									1				1			1	5	road construction work
030202 wooden house construction work		1			1	1						1		1							5	wooden house construction work
140101 hotel		2		1			1				1										5	hotel
140201 general restaurant		1			1						1	1				1					5	general restaurant
010899 other chemical products		2	1								1										4	other chemical products
010901 cement products		1						1						1						1	4	cement products
011109 other nonferrous metal products		1				1	1		1												4	other nonferrous metal products
070101 livestock					1						1							1	1		4	livestock
010102 fishery products						1		1		1											3	fishery products
010309 other fiber products					1						1			1							3	other fiber products
other lumber and wood products											1			1	1						3	other lumber and wood products
010803 pharmaceuticals																3					3	pharmaceuticals
010804 petroleum/coal products											2				1						3	petroleum/coal products
011203 metal press products		1									1				1						3	metal press products
011603 city water service							2		1												3	city water service
020202 gravel digging						1			1							1					3	gravel digging
030111 port/seaside construction work															2					1	3	port/seaside construction work
080201 all kinds of retail				1														2			3	all kinds of retail
140302 park and amusement park									1	1					1						3	park and amusement park
other cleaning and livestock process service		1				1											1				3	other cleaning and livestock process service
010101 meat/dairy products													1	1							2	meat/dairy products
010105 alcoholic drinks					1			1													2	alcoholic drinks
010204 dyeing						1					1										2	dyeing
010609 other pulp/paper processing products			1			1															2	other pulp/paper processing products
010802 chemical fiber																	2				2	chemical fiber
010809 chemical fertilizer products						1			1												2	chemical fertilizer products
010902 glass products			1									1									2	glass products
011002 casting products						1			1												2	casting products
011101 nonferrous metals/rolling products		1							1												2	nonferrous metals/rolling products
011201 western tableware/cutting tool products		1				1															2	western tableware/cutting tool products
011302 measuring instruments				1			1														2	measuring instruments
011503 railway vehicle products			1														1				2	railway vehicle products
011509 other transport equipment products					1		1														2	other transport equipment products
011704 tobacco products						1														1	2	tobacco products

020201 quarrying		1				1																2	quarrying
030104 railway construction work											1								1			2	railway construction work
030109 land consolidation civil engineering work										1	1											2	land consolidation civil engineering work
040309 other land cargo transportation service											1	1										2	other land cargo transportation service
050202 port cargo handling service											1										1	2	port cargo handling service
060101 agriculture											1					1						2	agriculture
080202 auto mobile retail																				1	1	2	auto mobile retail
080204 fuel retail											1								1			2	fuel retail
010103 agricultural food products		1																				1	agricultural food products
010106 soft drinks																1						1	soft drinks
010209 other textile products										1												1	other textile products
010402 plywood							1															1	plywood
010501 wood furniture																					1	1	wood furniture
010701 printing service																		1				1	printing service
010806 rubber products				i			İ	İ												1		1	rubber products
011009 other steel products							İ					1										1	other steel products
011204 metal plating products	$\overline{}$			1	i	İ	İ															1	metal plating products
011304 watch products						İ				1												1	watch products
011602 city gas service						1																1	city gas service
020309 other mining													1									1	other mining
030110 water supply/sewage construction work						1																1	water supply/sewage construction work
040202 bus service																1						1	bus service
050201 general harbor transportation service						1																1	general harbor transportation service
080203 furniture/fittings retail							İ	1														1	furniture/fittings retail
080401 warehousing				1	i	i	İ															1	warehousing
090103 insurance business			İ	1			İ	İ														1	insurance business
090209 other advertisement and mediator																	1					1	other advertisement and mediator
120102 software service															1							1	software service
130101 hospital																	1					1	hospital
140301 golf course							Ï							1								1	golf course
information processing service						1																1	information processing service
010201 silk-reeling																							silk-reeling
010202 cotton-spinning																					\Box		cotton-spinning
010203 weaving																					П		weaving
010301 over/under wear				i			ĺ		i												\Box		over/under wear
010502 metal furniture					ĺ																		metal furniture
010503 fittings					ĺ	ĺ																	fittings
010509 other furniture			İ	İ	i		İ	i	i				i										other furniture

		 	 	 	 	 	 $\overline{}$,
010702	bookbinding													bookbinding
010709	other printing and bookbinding													other printing and bookbinding
010807	leather products													leather products
010808	painting products													painting products
010903	pottery products													pottery products
010904	fire resisting products													fire resisting products
010905	other ceramic products													other ceramic products
011102	nonferrous metals casting products													nonferrous metals casting products
011202	screw products													screw products
011303	optical instruments													optical instruments
11011100191	other electric/gas/water service													other electric/gas/water service
020101	general coal mining													 general coal mining
	other coal mining													 other coal mining
020209	other quarrying													other quarrying
020301	metal mining													metal mining
020302	petroleum mining													petroleum mining
030101	hydroelectric plant construction work													hydroelectric plant construction work
030103	subway construction work													subway 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
040102	water transportation service													water transportation service
040103	airline service													airline service
	taxi service													taxi service
040209	other passenger transport service													other passenger transport service
040302	specific truck transportation service													specific truck transportation service
	cargo/ light automobile transportation service													cargo/ light automobile transportation service
	other transportation service													 other transportation service
	land cargo handling service													land cargo handling service
030207	service													other harbor transportation service
060201	lumbering													lumbering
060209	other forestry													other forestry
070201	fishery													fishery
070209	other fishery													other fishery
	all kinds of wholesale											$\neg \Gamma$		all kinds of wholesale

080102	furniture/fittings wholesale																							furniture/fittings wholesale
080205	newspaper retail																							newspaper retail
080301	haircut																							haircut
080302	beauty salon																							beauty salon
	banking/trust business																							banking/trust business
090102	stock/commodity trade business																							stock/commodity trade business
090109	other financial business																							other financial business
090201	traveling service																							traveling service
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
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
150103	other waste disposal service																							other waste disposal service
150104	cremation service																							cremation service
150105	livestock process service																							livestock process service
160101	public office																							public office
170101	dispatch service																							dispatch service
	total		73	64	65	50	72	66	51	72	50	56	49	60	47	45	42	59	38	45	52	47	1,103	total

Data source: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html (MHLW, Japan)

https://www.jisha.or.jp/english/statistics/202311 12.html