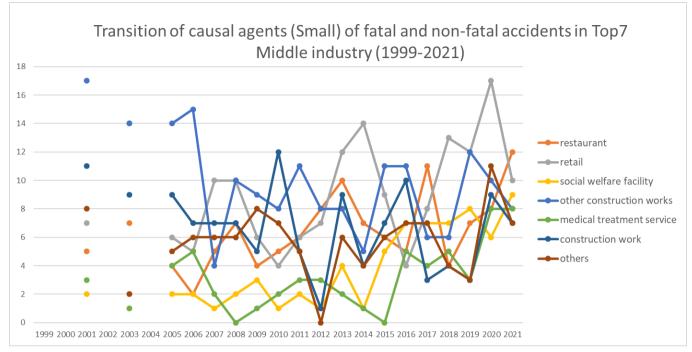
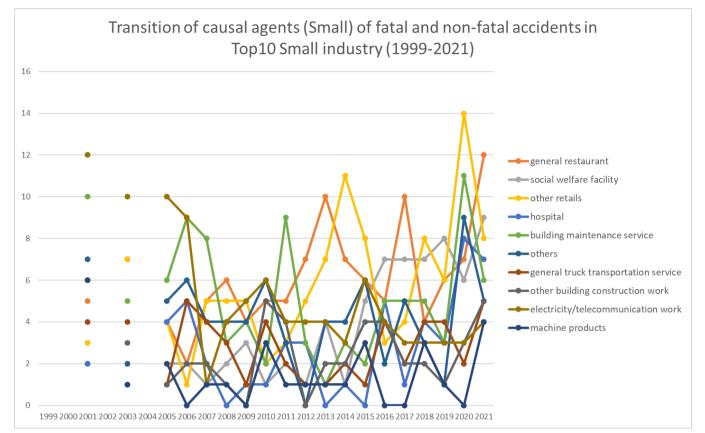


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 359 other electrical equipment in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 359 other electrical equipment in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 359 other electrical equipment in Small Industry (1999-2021)

## Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 359 other electrical 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
03	construction			42		29		25	23	13	21	18	23	18	14	18	12	19	24	11	10	19	21	21	381	construction
08	commerce			7		19		8	7	14	17	7	4	9	9	17	17	13	5	13	16	16	20	20	238	commerce
01	manufacturing			42		31		39	26	20	36	18	27	39	23	20	27	18	22	20	22	20	18	17	485	manufacturing
13	health and hygiene service			5		3		6	7	3	2	4	3	5	4	6	2	5	12	12	12	11	14	17	133	health and hygiene service
14	hotel/restaurant/amusement			13		10		10	5	10	12	7	10	7	9	16	14	12	7	15	6	10	10	15	198	hotel/restaurant/amusement
	service											<u> </u>		<u> </u>					<u> </u>							service
17	others			9		2		6	6	6	6	9	7	5		7	4	6	7	7	5	3	11	7	113	others
	commercial cleaning and																									commercial cleaning and

15	livestock process		13	5	6	11	10	3	5	3	11	3	3	4	2	8	6	8	4	13	6	124	livestock process
04	transportation service		5	5	3	5	4	6	1	5	2	1	2	4	1	5	2	6	5	4	6	72	transportation service
12	education/research service		1				2				1		1	1				2	1	3	2	14	education/research service
07	livestock/fishery			2		1	1		1	2		2	1	1			1	1	1		1	15	livestock/fishery
11	telecommunication service									1	1			1		1		1		1	1	7	telecommunication service
10	movie/play service					1	1											1			1	4	movie/play service
09	financial		1	1	1	2			2	1				1			1					10	financial
	business/advertisement				•	2								•									business/advertisement
05	cargo handling service				1	1	1	1								1		1				6	cargo handling service
06	agriculture			1		1					1											3	agriculture
16	public office				1			1												1		3	public office
02	mining													1								1	mining
	total		138	108	106	96	85	105	72	86	99	65	91	89	76	92	88	91	90	116	114	1,807	total

## Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 359 other electrical equipment in Middle industry (1999-2021)

		1000	2000	2001	2002	2002	2004	2005	2000	2007	2000	2000	2010	2011	2012	2012	2014	2015	2016	2017	2010	2010	2020	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
1402	restaurant			5		7		4	2	5	7	4	5	6	8	10	7	6	5	11	4	7	8	12	123	restaurant
0802	retail			7		14		6	5	10	10	6	4	6	7	12	14	9	4	8	13	12	17	10	174	retail
1302	social welfare facility			2		2		2	2	1	2	3	1	2	1	4	1	5	7	7	7	8	6	9	72	social welfare facility
0303	other construction works			17		14		14	15	4	10	9	8	11	8	8	5	11	11	6	6	12	10	8	187	other construction works
1301	medical treatment service			3		1		4	5	2		1	2	3	3	2	1		5	4	5	3	8	8	60	medical treatment service
0302	construction work			11		9		9	7	7	7	5	12	5	1	9	4	7	10	3	4	3	9	7	129	construction work
1702	others			8		2		5	6	6	6	8	7	5		6	4	6	7	7	4	3	11	7	108	others
	commercial cleaning and livestock																									commercial cleaning

1501	process	.	13	5	6	11	10	3	5	3	11	3	3	4	2	8	6	8	4	13	6	124	and livestock process
0301	civil engineering work		14	6	2	1	2	4	4	3	2	5	1	3	1	3	2		4	2	6	65	civil engineering work
0101	food products		7	4	6	7	3	4	4	5	12	6	5	7	4	11	4	3	4	3	5	104	food products
0403	road cargo transportation service	!	5	5	1	5	4	3	1	4	2	1	1	2	1	5	2	4	4	2	5	57	road cargo transportation service
0803	haircut/beauty salon			1	2			1			1			1	1	1	2	1		1	5	17	haircut/beauty salon
0113	machine products		7	4	2	2	1	4		3	1	2	1	2	3		1	4	2		4	43	machine products
1401	hotel		5	2	3	2	2	3	1	3			2	5	4		2	1	1	2	3	41	hotel
0804	other commerce			3		2	1	3	1		1	2	4	2	1		2			1	3	26	other commerce
0114	electrical equipment products		2	8	6	5	4	6	3	1	5	2	3	3	4	4	6	3	5	3	2	75	electrical equipment products
0112	metal products		3	4	2	4	2	5	2	3	4		3	2	1		5	1		1	2	44	metal products
0108	chemical products		2	1	 1		1	2	2	2	1	2	2	1	1		2	2	2	4	2	30	chemical products
0801	wholesale			1			3	3			1		1		2		1	2	4	1	2	21	wholesale
1201	education/research service		1				2				1		1	1				2	1	3	2	14	education/research service
0115	transport equipment products	-	7	2	4	2	1	4	1	2	4	2	1	4	2	2	1	1	3	1	1	45	transport equipment products
0701	livestock			1		1	1		1	2		1	1	1				1			1	11	livestock
0401	railroad/water transportation/airline service				1			1		1			1	1				2	1	1	1	10	railroad/water transportation/airline service
0104	wood products				 2		2	1								1			1		1	8	wood products
1101	telecommunication service									1	1			1		1		1		1	1	7	telecommunication service
1001	movie/play service					1	1											1			1	4	movie/play service
0117	other manufacturing		3	3	4	2	4	7	2	3	5	5		3		2		2	2	4		51	other manufacturing

1403	other amusement service		3	1	3	1	3	2	2	2	1	1	4	2	2	2	2	1	2		34	other amusement service
0110	steel making		2	 2	2				1	2	3		1	3	1	2		1			20	steel making
0109	sand and stone products			2	4	1			1	2	2	3	2	1				1			19	sand and stone products
0103	fiber products		2	1	2		1	2		1	1			1				1	1	1	14	fiber products
0901	financial business		1	1		2			2	1				1			1				9	financial business
0102	textile products		1		2	1	1		1	1								1			8	textile products
0106	pulp/paper processing products		1		1					1	1		2		1			1			8	pulp/paper processing products
0111	nonferrous metal making		2		1				1						1					1	6	nonferrous metal making
0501	land cargo handling service				1	1	1	1								1		1			6	land cargo handling service
0116	electric/gas/water service		2			1		1										1			5	electric/gas/water service
0402	road passenger transport service				1			2						1						1	5	road passenger transport service
1701	dispatch service		1		1				1				1					1			5	dispatch service
0702	fishery			1								1					1		1		4	fishery
0107	printing/bookbinding		1							1							1				3	printing/bookbinding
0601	agriculture			1		1					1										3	agriculture
1601	public office				1			1												1	3	public office
0105	furniture					1						1									2	furniture
0202	quarrying													1							1	quarrying
0902	advertisement and mediator				1																1	advertisement and mediator

1202	other health and hygiene service																1					1	other health and
1505	other health and hygiene service																1					•	hygiene service
0201	coal mining																						coal mining
0203	other mining																						other mining
0404	other transportation service																						other transportation service
0502	harbor transportation service																						harbor transportation service
0602	forestry																						forestry
	total		138	108	106	96	85	105	72	86	99	65	91	89	76	92	88	91	90	116	114	1,807	total

## Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 359 other electrical 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
140201	general restaurant			5		7		4	2	5	6	4	5	5	7	10	7	6	5	10	4	6	7	12	117	general restaurant
130201	social welfare facility			2		2		2	2	1	2	3	1	2	1	4	1	5	7	7	7	8	6	9	72	social welfare facility
080209	other retails			3		7		4	1	5	5	5	2	3	5	7	11	8	3	4	8	6	14	8	109	other retails
130101	hospital			2		1		4	5	2		1	1	3	3		1		5	1	4	3	8	7	51	hospital
150101	building maintenance service			10		5		6	9	8	3	4	2	9	3	1	3	2	5	5	5	3	11	6	100	building maintenance service
170209	others			7		2		5	6	4	4	4	6	3		4	4	6	2	5	3	1	9	5	80	others
040301	general truck transportation service			4		4		1	5	4	3	1	4	2	1	1	2	1	4	2	4	4	2	5	54	general truck transportation service
030209	other building construction work			6		3		1	2	2	1		5	4		2	2	4	4	2	2	1	3	5	49	other building construction work
030301	electricity/telecommunication work			12		10		10	9	1	4	5	6	4	4	4	3	6	4	3	3	3	3	4	98	electricity/telecommunication work
011301	machine products			6		1		2		1	1		3	1	1	1	1	3			3	1		4	29	machine products

030199	other civil engineering work	8	1		1	1	1	1	2		1		1			1			2	4	24	other civil engineering work
010109	other foods	4	4	2	2		2	3	4	9	3	2	4	2	8	1	2	3	1	3	59	other foods
140101	hotel	5	2	3	2	2	3	1	3			2	5	4		2	1	1	2	3	41	hotel
080409	other commerce		3		1	1	2	1		1	2	4	2	1		1			1	3	23	other commerce
080302	beauty salon			2			1			1			1		1		1			3	10	beauty salon
030309	other construction works	2		2	4	1	3			4	2	2		4	4	3	1	8	3	2	45	other construction works
030302	machinery/apparatus setting work	3	4	2	2	2	3	4	2	3	2	2	2	1	3		2	1	4	2	44	machinery/apparatus setting work
011209	other metal products	2	3	2	3	2	4	1	3	4		3	2	1		5	1		1	2	39	other metal products
170201	security service	1				2	2	4	1	2		2			5	2	1	2	2	2	28	security service
080109	other wholesale		1			3	3			1		1		2		1	2	4	1	2	21	other wholesale
010104	bread/cake products	1		1	3	1	2			1	1	1	1	1		1	1	1		2	18	bread/cake products
120109	other education/research service	1				1				1		1	1				2	1	3	2	13	other education/research service
080301	haircut		1											1		2			1	2	7	haircut
080201	all kinds of retail	1	6	2	4	3	4		2	3	2	4	1	1		3	3	5	1	1	46	all kinds of retail
011409	other electrical equipment	1	5	3	2	3	4		1	3	1	1	2	3		4		3		1	37	other electrical equipment
030201	steel frame/reinforced concrete house construction work	2	3	6	1	2	2	3	2	1		2	2	2	1		1	1	2	1	34	steel frame/reinforced concrete house construction work
030203	building facility construction work	2	3	1	3	1	2	1	2		1	3			2	1	1	1	3	1	28	building facility construction work
011502	auto mobile products	2	2	2			3	1	1		1		2	1	1			1	1	1	19	auto mobile products
030106	road construction work	3	1			1		2			3		2		1			1		1	15	road construction work
011403	electronics equipment and telecommunications apparatus		1		3			1			1	1			2	1	1	1	1	1	14	electronics equipment and telecommunications apparatus

070101	livestock			1		1	1		1	2		1	1	1				1			1	11	livestock
080204	fuel retail			1			1	1	1					2				2	1		1	10	fuel retail
040101	railroad service				1			1		1			1	1				1	1		1	8	railroad service
110101	telecommunication service									1	1			1		1		1		1	1	7	telecommunication service
130109	other medical treatment service		1							1			1				1	1			1	6	other medical treatment service
010899	other chemical products				1								1		1				1		1	5	other chemical products
010402	plywood																		1		1	2	plywood
100101	movie production and delivery service						1														1	2	movie production and delivery service
010807	leather products																				1	1	leather products
030102	tunnel construction work																				1	1	tunnel construction work
011501	ship building		4		2	2	1	1		1	4	1	1	1		1	1					20	ship building
011703	cleaning			2	2		1	2	2	3	1			2				1	1	3		20	cleaning
140309	other amusement service		2		2	1	3		1	1	1		3		2	2	1					19	other amusement service
030202	wooden house construction work		1		1	1	2	2	1	3			2		1	3				1		18	wooden house construction work
011401	heavy electrical equipment			1	3		1	1	1		2		1	1	1		1			1		14	heavy electrical equipment
011709	other manufacturing		1		1	1	1	3			3	3		1								14	other manufacturing
010101	meat/dairy products		1		2	2			1		1	1		1	1		1					11	meat/dairy products
010805	plastics products			1			1	1	2	1	1						1	1	1	1		11	plastics products
011701	auto mobile servicing		1	1	1		1	1			1	1				2		1	1			11	auto mobile servicing
150109	other cleaning and livestock process service		1			1	1				1		1			2		2	1	1		11	other cleaning and livestock process service
010102	fishery products		1		1		1			1			1	1		2				2		10	fishery products
011002	casting products		1	1	1				1	1				2	1	1		1				10	casting products
011402	electrical appliance		1	1				1	1							2		2	1	1		10	electrical appliance

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140301	golf course		1	1	1			1	1	1		1	1					1	1		10	golf course
010309	other fiber products		2	1	2		1							1					1	1	9	other fiber products
011001	steel/iron/rolling products			1	1					1	3		1	1		1					9	steel/iron/rolling products
010901	cement products			1	3					2			1	1							8	cement products
010909	other sand and stone products			1	1	1			1		1	1	1								7	other sand and stone products
011305	other precision machine products		1	2		1						1					1	1			7	other precision machine products
080202	auto mobile retail		3										1			1	1			1	7	auto mobile retail
010806	rubber products		1					1				1								3	6	rubber products
011702	machine repair		1			1	1	1				1								1	6	machine repair
030110	water supply/sewage construction work		1		2						1						1		1		6	water supply/sewage construction work
050101	land cargo handling service				1	1	1	1								1		1			6	land cargo handling service
090103	insurance business		1			2			1	1							1				6	insurance business
140209	other restaurants							1			1	1					1		1	1	6	other restaurants
150102	industrial waste management service					1	1		1					1			1	1			6	industrial waste management service
010301	over/under wear							2		1	1							1			5	over/under wear
010801	non organic or organic chemical products		1							1		1		1			1				5	non organic or organic chemical products
011302	measuring instruments					1		3											1		5	measuring instruments
030104	railway construction work		1	1				1	1						1						5	railway construction work
030109	land consolidation civil engineering work							1			1	1				1			1		5	land consolidation civil engineering work
140302	park and amusement park							1						2			1		1		5	park and amusement park
150103	other waste disposal service		2										1			1				1	5	other waste disposal service

170101	dispatch service		1		1				1				1					1			5	dispatch service
010103	agricultural food products			<u> </u>							1	1	1			1					4	agricultural food products
010203	weaving		1				1		1									1			4	weaving
010409	other lumber and wood products				1		2	1													4	other lumber and wood products
010602	paper processing products		1		1					1					1						4	paper processing products
011509	other transport equipment products		1											1	1			1			4	other transport equipment products
030105	bridge construction work			2									1			1					4	bridge construction work
040202	bus service				1			1						1						1	4	bus service
010902	glass products										1	1						1			3	glass products
011204	metal plating products		1	1					1												3	metal plating products
011601	electric utility service					1		1										1			3	electric utility service
060101	agriculture			1		1					1										3	agriculture
070201	fishery			1													1		1		3	fishery
080401	warehousing					1		1									1				3	warehousing
090101	banking/trust business			1					1					1							3	banking/trust business
130102	general clinic												1				2				3	general clinic
160101	public office				1			1												1	3	public office
010202	cotton-spinning				1					1											2	cotton-spinning
010401	lumbering				1											1					2	lumbering
010601	pulp/paper												1					1			2	pulp/paper
010609	other pulp/paper processing products										1		1								2	other pulp/paper processing products
010701	printing service		1							1											2	printing service
011101	nonferrous metals/rolling products				1				1												2	nonferrous metals/rolling products

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011102	nonferrous metals casting products		1																1	2	nonferrous metals casting products
011109	other nonferrous metal products		1											1						2	other nonferrous metal products
011203	metal press products						1		1											2	metal press products
011303	optical instruments				1								1							2	optical instruments
011503	railway vehicle products																	2		2	railway vehicle products
011603	city water service		2																	2	city water service
030107	river civil engineering work								1									1		2	river civil engineering work
040103	airline service																1		1	2	airline service
040302	specific truck transportation service		1												1					2	specific truck transportation service
080205	newspaper retail							1											1	2	newspaper retail
100109	other movie/play service						1										1			2	other movie/play service
010105	alcoholic drinks															1				1	alcoholic drinks
010106	soft drinks							1												1	soft drinks
010204	dyeing					1														1	dyeing
010209	other textile products						1													1	other textile products
010501	wood furniture										1									1	wood furniture
010503	fittings						1													1	fittings
010709	other printing and bookbinding															1				1	other printing and bookbinding
010803	pharmaceuticals																1			1	pharmaceuticals
010809	chemical fertilizer products											1								1	chemical fertilizer products
010903	pottery products										1									1	pottery products
011009	other steel products		1																	1	other steel products

020202	gravel digging										1					1	gravel digging
030101	hydroelectric plant construction work		1													1	hydroelectric plant construction work
030103	subway construction work							1								1	subway construction work
030111	port/seaside construction work			1												1	port/seaside construction work
040209	other passenger transport service						1									1	other passenger transport service
040309	other land cargo transportation service			1												1	other land cargo transportation service
070209	other fishery									1						1	other fishery
090201	traveling service				1											1	traveling service
120102	software service					1										1	software service
130301	bathhouse												1			1	bathhouse
150104	cremation service							1								1	cremation service
150105	livestock process service								1							1	livestock process service
010201	silk-reeling																silk-reeling
010502	metal furniture																metal furniture
010509	other furniture																other furniture
010702	bookbinding																bookbinding
010802	chemical fiber																chemical fiber
010804	petroleum/coal products																petroleum/coal products
010808	painting products																painting products
010904	fire resisting products																fire resisting products
010905	other ceramic products																other ceramic products
011201	western tableware/cutting tool products																western tableware/cutting tool products

011202	screw products												screw products
011304	watch products												watch products
011602	city gas service												city gas service
011609	other electric/gas/water												other electric/gas/water
	service												service
011704	tobacco products												tobacco products
020101	general coal mining												general coal mining
020109	other coal mining												other coal mining
020201	quarrying												quarrying
020209	other quarrying												other quarrying
020301	metal mining												metal mining
020302	petroleum mining												petroleum mining
020309	other mining												other mining
030108	sand collapse prevention civil												sand collapse prevention civil
	engineering work												engineering work
040102	water transportation service												water transportation service
040201	taxi service												taxi service
040303	cargo/ light automobile												cargo/ light automobile
	transportation service												transportation service
040409	other transportation service												other transportation service
050201	general harbor transportation												general harbor transportation
	service												service
050202	port cargo handling service												port cargo handling service
050209	other harbor transportation												other harbor transportation
030209	service												service
060201	lumbering												lumbering
060209	other forestry												other forestry

080101	all kinds of wholesale																						all kinds of wholesale
080102	furniture/fittings wholesale																						furniture/fittings wholesale
080203	furniture/fittings retail																						furniture/fittings retail
090102	stock/commodity trade business																						stock/commodity trade business
090109	other financial business																						other financial business
090209	other advertisement and mediator																						other advertisement and mediator
100102	movie theatre																						movie theatre
120101	auto mobile practical training																						auto mobile practical training
130309	other health and hygiene service																						other health and hygiene service
170202	information processing service																						information processing service
	total		138	108	106	96	85	105	72	86	99	65	91	89	76	92	88	91	90	116	114	1,807	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