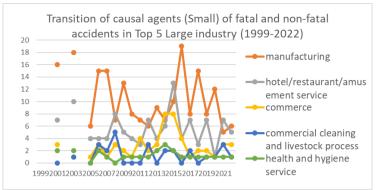
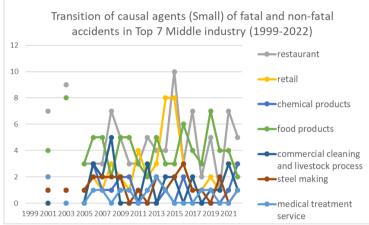
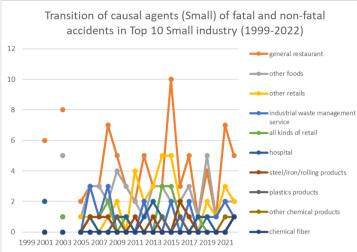
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron in Small Industry (1999-2022)

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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
01	manufacturing			16		18		6	15	15	7	13	8	7	6	9	7	10	19	8	15	8	12	5	6	210	manufacturing
14	hotel/restaurant/amusement			7		10		4	4	4	8	5	4	3	7	4	6	13	4	7	3	7	1	7	5	113	hotel/restaurant/amusement
	service			<u> </u>				Ľ	Ľ	Ľ			<u> </u>	Ľ	<u> </u>	Ľ		<u> </u>	Ľ	Ľ		Ĺ	<u> </u>	Ľ			service
08	commerce			3		1		1	3	1	3	2	1	4	2	3	8	8	4	1	2	2	1	3	3	56	commerce
15	commercial cleaning and					1			3	2	5				3		2	2		2		1	1	3	1	26	commercial cleaning and
15	livestock process					<u> </u>			5	<u> </u>					5		Ľ	<u> </u>		Ľ		<u> </u>	1		<u> </u>	20	livestock process
13	health and hygiene service			2		2			2	1		1	1	1	1	2	3	2	1	1	1	1	1	1	1	25	health and hygiene service
03	construction			1		4		1	3		1	3	1			2	2		1		1	2	1			23	construction
17	others					1			1	1		1		2			1			1						8	others
04	transportation service													1						2						3	transportation service
05	cargo handling service												1							1						2	cargo handling service
12	education/research service																1							1		2	education/research service
06	agriculture																		1							1	agriculture
09	financial business/advertisement			1																						1	financial
																											business/advertisement
02	mining																										mining
07	livestock/fishery																										livestock/fishery
10	movie/play service																										movie/play service
11	telecommunication service																										telecommunication service
16	public office																										public office
	total			30		37		12	31	24	24	25	16	18	19	20	30	35	30	23	22	21	17	20	16	470	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron in Large industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron in Middle industry (1999-2022)

code	Middle industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018 201	9 2020	2021	2022	total	Middle industry

1402 restaurant		7	9	3	3	3	7	5	3	3	5	4	4	10	3	7	2	5	1	7	5	96	restaurant
0802 retail		2	1	1	2	1	3	2	1	4	2	3	8	8	3	1	1	2	1	3	3	52	retail
0108 chemical products		1			3	1	1	2	2				1		2					1	3	17	chemical products
0101 food products		4	8	3	5	5	2	5	5	3	2	5	3	3	6	4	3	7	4	4	2	83	food products
1501 commercial cleaning and livestock process			1		3	2	5				3		2	2		2		1	1	3	1	26	commercial cleaning and livestock process
0110 steel making		1	1	1	2	2	2	2		1		2	1	2	3	1	1		2		1	25	steel making
1301 medical treatment service		2			1	1		1	1		1	2	1				1	1			1	13	medical treatment service
0111 nonferrous metal making			2	1	1	2	1			1	1	1		1	3	2		1	4			21	nonferrous metal making
0112 metal products		3	2					1		1	1		1	2			1					12	metal products
0113 machine products		1	4		1	1	1	1			1	1					1					12	machine products
1302 social welfare facility			2		1					1	1		2	2	1	1			1	1	1	12	social welfare facility
1401 hotel				1		1	1		1		1		2	2	1		1	1				12	hotel
0302 construction work			1		2			1	1			2	2						1			10	construction work
1702 others			1		1	1		1		2			1			1					1	8	others
0104 wood products					1	1		1					1				3					7	wood products
0115 transport equipment products		2				1		1			1				1		1					7	transport equipment products
0117 other manufacturing		2	1						1					1	1	1						7	other manufacturing
0303 other construction works			2		1		1								1		1	1				7	other construction works
0105 furniture						1								1	2		2					6	furniture
0109 sand and stone products		2		1	1	1													1			6	sand and stone products
0301 civil engineering work		1	1	1				2	1									1				6	civil engineering work
1403 other amusement service			1		1						1			1				1				5	other amusement service
0801 wholesale					1										1		1					3	wholesale
0102 textile products											1				1		1				1	2	textile products
0501 land cargo handling service									1							1						2	land cargo handling service
1201 education/research service													1							1		2	education/research service
0103 fiber products																	1					1	fiber products
0106 pulp/paper processing products																			1			1	pulp/paper processing products
0107 printing/bookbinding																	1					1	printing/bookbinding
0114 electrical equipment products										1												1	electrical equipment products
0116 electric/gas/water service					1																	1	electric/gas/water service
0401 railroad/water transportation/airline service																1						1	railroad/water transportation/airline

																							service
0402	road passenger transport service															1						1	road passenger transport service
0403	road cargo transportation service									1												1	road cargo transportation service
0602	forestry														1							1	forestry
0804	other commerce	1																				1	other commerce
0901	financial business	1																				1	financial business
0201	coal mining																						coal mining
0202	quarrying																						quarrying
0203	other mining																						other mining
0404	other transportation service																						other transportation service
0502	harbor transportation service																						harbor transportation service
0601	agriculture																						agriculture
0701	livestock																						livestock
0702	fishery																						fishery
0803	haircut/beauty salon																						haircut/beauty salon
0902	advertisement and mediator																						advertisement and mediator
1001	movie/play service																						movie/play service
1101	telecommunication service																						telecommunication service
1303	other health and hygiene service																						other health and hygiene service
1601	public office																						public office
1701	dispatch service																						dispatch service
	total	30	37	12	31	24	24	25	16	18	19	20	30	35	30	23	22	21	17	20	16	470	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron in Small industry (1999-2022)

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
140201	general restaurant			6		8		2	3	3	7	5	3	2	5	3	3	10	3	5	1	4	1	7	5	86	general restaurant
010109	other foods			2		5		1	3	3	2	4	3	2	1	3	3	2	2	3	1	5	1	2	2	50	other foods
080209	other retails							1	1		1	2		4	2	3	5	5	2	1		2	1	3	2	35	other retails
150102	industrial waste management service					1			3	1	3				2			2		2		1	1	2	1	19	industrial waste management service
	all kinds of retail			2		1			1	1	2		1				3	3	1		1				1	17	all kinds of retail
130101	hospital			2					1			1	1		1	2	1				1	1			1	12	hospital
011001	steel/iron/rolling products								1	1	1			1		1			2	1					1	9	steel/iron/rolling products
010805	plastics products											1					1		1						1	4	plastics products
010899	other chemical products																							1	1	2	other chemical products
010802	chemical fiber																								1	1	chemical fiber

010104 bread/cake products		1	1	1	1	1									2	1	1		2	2	13	bread/cake products
011002 casting products			1	1	1	1	1	2				1		2	1		1		1		13	casting products
130201 social welfare facility			2		1		1			1			2	2	1	1			1	1	12	social welfare facility
140101 hotel				1		1	1		1		1		2	2	1		1	1			12	hotel
011209 other metal products		3	2					1		1	1			2			1				11	other metal products
011301 machine products			3		1	1	1	1			1	1			1		1				10	machine products
140209 other restaurants		1	1	1						1		1	1			2	1	1			10	other restaurants
010101 meat/dairy products					1			1		1	1	2					1	1	1		9	meat/dairy products
011102 nonferrous metals casting products			1	1		1									3	1			1		8	nonferrous metals casting products
010103 agricultural food products		1	1	1		1			2						1						7	agricultural food products
011101 nonferrous metals/rolling products						1				1		1		1		1			2		7	nonferrous metals/rolling products
011109 other nonferrous metal products			1		1		1				1							1	1		6	other nonferrous metal products
170209 others					1			1		2			1			1					6	others
011502 auto mobile products		1				1		1			1				1						5	auto mobile products
011709 other manufacturing		2	1											1	1						5	other manufacturing
030209 other building construction work			1		2			1				1									5	other building construction work
030309 other construction works			1		1										1		1	1			5	other construction works
150103 other waste disposal service							2				1		1							1	5	other waste disposal service
010409 other lumber and wood products						1		1									2				4	other lumber and wood products
010501 wood furniture														1	2		1				4	wood furniture
010801 non organic or organic chemical products					2			1							1						4	non organic or organic chemical products
010809 chemical fertilizer products		1			1				2												4	chemical fertilizer products
011009 other steel products		1											1		1				1		3	other steel products
030199 other civil engineering work		1						1										1			3	other civil engineering work
140301 golf course					1						1							1			3	golf course
010102 fishery products			1															1			2	fishery products
010105 alcoholic drinks														1	1						2	alcoholic drinks
010402 plywood													1				1				2	plywood
010806 rubber products						1	1														2	rubber products
010901 cement products					1	1															2	cement products
010909 other sand and stone products		2																			2	other sand and stone products
011703 cleaning									1							1					2	cleaning
030106 road construction work			1					1													2	road construction work
030202 wooden house construction work									1				1								2	wooden house construction work
030203 building facility construction work												1							1		2	building facility construction work

030302	machinery/apparatus setting work				1				1											 2	machinery/apparatus setting work
050101	land cargo handling service									1						1				 2	land cargo handling service
	other wholesale						1										1			2	other wholesale
120109	other education/research service												1						1	 2	other education/research service
140309	other amusement service				1									1						 2	other amusement service
150101	building maintenance service							1					1							 2	building maintenance service
010202	cotton-spinning																1			 1	cotton-spinning
010204	dyeing														1					 1	dyeing
010309	other fiber products																1			 1	other fiber products
010401	lumbering						1													 1	lumbering
010503	fittings							1												1	fittings
010509	other furniture																1			 1	other furniture
010601	pulp/paper																	1		 1	pulp/paper
010701	printing service																1			 1	printing service
010902	glass products																	 1		 1	glass products
010903	pottery products					1														 1	pottery products
011203	metal press products												1							 1	metal press products
011303	optical instruments		1																	 1	optical instruments
011305	other precision machine products				1															 1	other precision machine products
011403	electronics equipment and telecommunications apparatus										1									1	electronics equipment and telecommunications apparatus
011501	ship building		1	<u> </u>																 1	ship building
011500																	1			 1	other transport equipment products
	other electric/gas/water service						1													 1	other electric/gas/water service
030109	land consolidation civil engineering work					1														1	land consolidation civil engineering work
	steel frame/reinforced concrete house construction work												1							 1	steel frame/reinforced concrete house construction work
040103	airline service															1				 1	airline service
	taxi service															1				 1	taxi service
040301	general truck transportation service										1									1	general truck transportation service
060209	other forestry														1					1	other forestry
080101	all kinds of wholesale														1					 1	all kinds of wholesale
080401	warehousing		1																	1	warehousing
090109	other financial business		1																	 1	other financial business
130102	general clinic							1												 1	general clinic
170201	security service							1												 1	security service

110000 indicator 1 <	linformation processing	<u>.</u>	1		 -;;-	 i		i	;	;	i	;	 	 	-	ii	information processing
01020 bills resling 0	170202 information processing service			1												1	
91003 91003 91004 <td< td=""><td>010106 soft drinks</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>soft drinks</td></td<>	010106 soft drinks																soft drinks
010000 phote rawline modes i </td <td>010201 silk-reeling</td> <td></td> <td>silk-reeling</td>	010201 silk-reeling																silk-reeling
101000 processing products Image: model formitore Image: model formito	010203 weaving																weaving
100002 paper processing modules Image: procesing modules Image: processing modules </td <td>010209 other textile products</td> <td></td> <td>other textile products</td>	010209 other textile products																other textile products
101002 puper processing products I <	010301 over/under wear																over/under wear
01000 other pulp Paper processing 01072 Norkinding 01072	010502 metal furniture																metal furniture
00070 bookbinding <td< td=""><td>010602 paper processing products</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>ĺ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>paper processing products</td></td<>	010602 paper processing products								ĺ								paper processing products
00070 bookbinding <td< td=""><td>010609 other pulp/paper processing products</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	010609 other pulp/paper processing products																
1010803 burmaccuticals 0	010702 bookbinding								j	i							bookbinding
1010801 petroleuny coal products Image: model of the second of the	010709 other printing and bookbinding																other printing and bookbinding
010807 leaher products Image: constraint of the constraint	010803 pharmaceuticals																pharmaceuticals
010808 paining products Image: Sing produ	010804 petroleum/coal products																petroleum/coal products
010904 fire resisting products Image: I	010807 leather products																leather products
010005 bither ceramic products Image: Control of the ceramic products Image: Con	010808 painting products																painting products
01120 western tableware/cutting (ool products 0	010904 fire resisting products																fire resisting products
11.120 lool products Image: Construct service Imag	010905 other ceramic products																other ceramic products
011204 metal plating products 0	011201 western tableware/cutting tool products																
011302 measuring instruments <t< td=""><td>011202 screw products</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>screw products</td></t<>	011202 screw products																screw products
011304 watch products	011204 metal plating products																metal plating products
011401 heavy electrical equipment I </td <td>011302 measuring instruments</td> <td></td> <td>measuring instruments</td>	011302 measuring instruments																measuring instruments
011402 electrical appliance <td< td=""><td>011304 watch products</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>watch products</td></td<>	011304 watch products																watch products
011400 other electrical equipment 0	011401 heavy electrical equipment																heavy electrical equipment
011503 railway vehicle products I <td>011402 electrical appliance</td> <td></td> <td>electrical appliance</td>	011402 electrical appliance																electrical appliance
011601 electric utility service 0 <t< td=""><td>011409 other electrical equipment</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>other electrical equipment</td></t<>	011409 other electrical equipment																other electrical equipment
011602 city gas service Image: City gas service Image: City gas service 011603 city water service Image: City gas service Image: City gas service 011603 city water service Image: City gas service Image: City gas service 011701 auto mobile servicing Image: City gas garvice Image: City gas garvice 011702 machine repair Image: City gas garvice Image: City gas garvice 011702 machine repair Image: City gas garvice Image: City gas garvice 011702 machine repair Image: City gas garvice Image: City gas garvice 011704 tobacco products Image: City gas garvice Image: City gas garvice 011704 tobacco products Image: City gas garvice Image: City gas garvice 011704 tobacco products Image: City gas garvice Image: City gas garvice 011705 general coal mining Image: City gas garvice Image: City gas garvice 011704 tobacco products Image: City gas garvice Image: City gas garvice 02109 general coal mining Image: City gas garvice Image: City garvice 02020 garving Image: City gas garvice Image: City gas garvice 02020 gravel digging Image: City garvice Image: City garvice 02030 metal mining Image: City garvice Image: City garvice 02030 metal mining Image: City garvice Image: City garvice 02030 metal mining Image: City garvic	011503 railway vehicle products								ĺ								railway vehicle products
011603 city water service Image: Comparise of the comparise of	011601 electric utility service																electric utility service
011701 auto mobile servicing Image: Constraint of the c	011602 city gas service																city gas service
011702 machine repair Image: Constraint of the constraint o	011603 city water service																city water service
011704 tobacco products Image: Color of the colo	011701 auto mobile servicing								ĺ								auto mobile servicing
020101 general coal mining 020109 other coal mining 020109 other coal mining 020109 other coal mining 020109 other coal mining 020201 quarrying 020202 gravel digging 020209 other quarrying 02	011702 machine repair								ĺ								machine repair
020109 other coal mining Image: Color of the coal mining Image: Color of the coal mining 020201 quarying Image: Color of the coal mining Image: Color of the coal mining Image: Color of the coal mining 020202 gravel digging Image: Color of the coal mining	011704 tobacco products								ĺ	i							tobacco products
020109 other coal mining Image: Color of the coal mining Image: Color of the coal mining 020201 quarying Image: Color of the coal mining Image: Color of the coal mining Image: Color of the coal mining 020202 gravel digging Image: Color of the coal mining	020101 general coal mining								j	i							general coal mining
020201 quarrying Image: Constraint of the system of t									i	i	i —	i					
02020 gravel digging gravel digging gravel digging 02020 other quarrying gravel digging gravel digging 020301 metal mining gravel digging gravel digging	020201 quarrying								i —		i —						
020209 other quarrying O									i –		i						
020301 metal mining									i		i				1		
									i —		i						
									Ť						1		

020309	other mining											other mining
030101	hydroelectric plant construction work											hydroelectric plant 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 engineering work											sand collapse prevention civil engineering work
030110	construction work											water supply/sewage construction work
030111	port/seaside construction work											port/seaside construction work
030301	electricity/telecommunication work											electricity/telecommunication work
	railroad service											railroad service
	water transportation service											water transportation service
040202	bus service											bus service
040209	service											other passenger transport service
040302	specific truck transportation service											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
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
070101	livestock											livestock
070201												fishery
	other fishery											other fishery
	furniture/fittings wholesale											furniture/fittings wholesale
	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
080409	other commerce																							other commerce
090101	banking/trust business																							banking/trust business
090102	stock/commodity trade business																							stock/commodity trade business
090103	insurance business																							insurance business
090201	traveling service																							traveling service
	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
110101	telecommunication service																							telecommunication service
120101	auto mobile practical training																							auto mobile practical training
120102	software service																							software service
130109	other medical treatment service																							other medical treatment service
130301	bathhouse																							bathhouse
130309	other health and hygiene service																							other health and hygiene service
140302	park and amusement park																							park and amusement park
150104	cremation service																							cremation service
150105	livestock process service																							livestock process service
150109	other cleaning and livestock process service																							other cleaning and livestock process service
160101	public office																							public office
170101	dispatch service																							dispatch service
	total		30	37	12	31	24	24	25	16	18	19	20	30	35	30	23	22	21	17	20	16	470	total

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

https://www.jisha.or.jp/english/statistics/202311_12.html