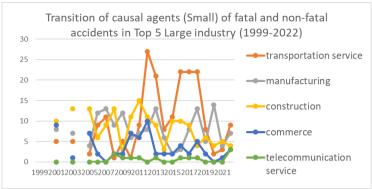
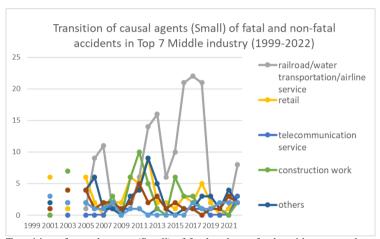
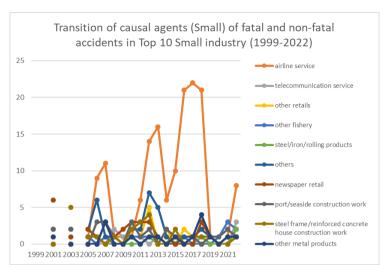
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment in Large industry (1999-2022)

	Large industry																		2016	2017	2018	2010	2020	2021	2022	total	Large industry
Code		1777	2000	2001	2002	2003	2004	2003	2000	2007	2000	2007	2010	2011			2014					2017	2020	2021		_	
04	transportation service			5		5		2	9	11	1	5	1	9	27	21	8	11	22	22	22	8	2	3	9	203	transportation service
01	manufacturing			8		7		4	12	13	9	12	6	7	8	13	6	2	3	8	13	5	14	4	7	161	manufacturing
03	construction			10		13		13	6	9	13	2	11	15	11	9	3	10	10	9	4	6	4	5	4	167	construction
08	commerce			9		1		7	2		2	2	7	6	10	2	2	2	4	2	5	2		1	3	69	commerce
11	telecommunication service										2	1	1	1		1			1	1	1				3	12	telecommunication service
17	others			2		2		4	6	1	1		3	4	9	5	1		1	1	3	3	1	4	2	53	others
07	livestock/fishery			1		4		4	1	2	4	2	2	5	3	3	1	5	3	2	1	1	1	3	2	50	livestock/fishery
14	hotel/restaurant/amusement service			1		3		3	3	2	7	1	4	2	2		1	2	3	5	1	2	2	1	2	47	hotel/restaurant/amusement service
13	health and hygiene service			4		3		2			2		4	2	3	3				2	8		2		1	36	health and hygiene service
12	education/research service									1			1	1		1	1		1	1					1	8	education/research service
15	commercial cleaning and livestock process			3					1		2		3	1	8	4	2	1	2	1	5	4	5	1		43	commercial cleaning and livestock process
06	agriculture			1		1				3	1	1		2						1			1	6		17	agriculture
05	cargo handling service			1				1	1	1		1	1	1	2			1	1		1					12	cargo handling service
09	financial business/advertisement			1		1				1				2		1	1	1			1					9	financial business/advertisement
02	mining										1					1										2	mining
16	public office							1								1										2	public office
10	movie/play service													1												1	movie/play service
	total			46		40		41	41	44	45	27	44	59	83	65	26	35	51	55	65	31	32	28	34	892	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment in Middle industry (1999-2022)

code	Middle industry	1999	2000	2001	2002	2003	2004	2005	2006	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Middle industry	

0401	railroad/water transportation/airline service		1	1	1	9	11	1	1	1	6	14	16	6	10	21	22	21	2		1	8		railroad/water transportation/airline service
0802	retail		6	1	6	2		2	2	6	5	9	2	2	1	3	2	5	2		1	3	60	retail
1101	telecommunication service							2	1	1	1		1			1	1	1				3	12	telecommunication service
0302	construction work			7	2	1	1	3		6	10	5	1		6	3	3	1	1	1		2	53	construction work
1702	others		2	2	4	6	1	1		3	4	9	5	1		1	1	3	3	1	4	2	53	others
0702	fishery		1	4	4	1	2	2	1	2	5	2	3	1	2	1	1		1	1	3	2	39	fishery
0108	chemical products		3	2	2	1	1	2		1	1						2	1	1	2	2	2	23	chemical products
0110	steel making				1	2			1			1		1				1		1		2	10	steel making
0301	civil engineering work		10	4	5	4	5	9	2	5	5	5	5	3	2	6	4		3	1	4	1	83	civil engineering work
0303	other construction works			2	6	1	3	1				1	3		2	1	2	3	2	2	1	1	31	other construction works
1403	other amusement service				2		1	5	1	2	1	2		1		2	4		1	1		1	24	other amusement service
0112	metal products		1				3			1		1	1		1	1	1	4	1	2	1	1	19	metal products
1302	social welfare facility		1	1	1			1		3	1	1	3				1	1				1	15	social welfare facility
1402	restaurant		1	3	1	1		2			1				1		1	1			1	1	14	restaurant
0117	other manufacturing		2	1	1		2		3		1								1	1		1	13	other manufacturing
0402	road passenger transport service		2						1		1	4	1			1			1			1	12	road passenger transport service
0109	sand and stone products		1				1	1		1		1	1	1			1	1		1		1	11	sand and stone products
1201	education/research service						1			1	1		1	1		1	1					1	8	education/research service
1301	commercial cleaning and livestock process		3			1		2		3	1	8	4	2	1	2	1	5	4	5	1		43	commercial cleaning and livestock process
0101	food products		1	2		5	3	4	3	1	3	4	7	1		1	1		1	1			38	food products
0403	road cargo transportation service		2	4	1				3		2	9	4	2	1			1	5	2	2		38	road cargo transportation service
0115	transport equipment products					1	1	1	2	1	1		1	2			3	3		3			19	transport equipment products
1301	medical treatment service		3	2	1			1				2					1	6		2			18	medical treatment service
	agriculture		1				2	1	1		1						1			1	5			agriculture
	livestock							2	1			1			3	2	1	1					11	livestock
1401	hotel					2	1			2				<u> </u>	1	1			1	1			9	hotel
0114	electrical equipment products			2		1	1	1				1								2			8	electrical equipment products
	land cargo handling service		1				1			1	1	2						1					7	land cargo handling service
0804	other commerce		2		1					1	1	1				1							7	other commerce
	nonferrous metal making					1	1		3									1					6	nonferrous metal making
0901	financial business			1			1				2		1	1									6	financial business

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0502	harbor transportation service							1	1			1						1	1							5	harbor transportation service
0602	forestry					1				1				1										1		4	forestry
0104	wood products															3										3	wood products
0113	machine products								1										1		1					3	machine products
0116	electric/gas/water service																	1					1	1		3	electric/gas/water service
0902	advertisement and mediator			1														1			1					3	advertisement and mediator
	other health and hygiene service												1	1							1					3	other health and hygiene service
0107	printing/bookbinding												1								1					2	printing/bookbinding
0202	quarrying										1					1										2	quarrying
0801	wholesale			1														1								2	wholesale
1601	public office							1								1										2	public office
0102	textile products																1									1	textile products
0103	fiber products													1												1	fiber products
0106	pulp/paper processing products																					1				1	pulp/paper processing products
1001	movie/play service													1												1	movie/play service
0105	furniture																										furniture
0201	coal mining																										coal mining
0203	other mining																										other mining
0404	other transportation service																										other transportation service
	haircut/beauty salon																										haircut/beauty salon
1701	dispatch service																										dispatch service
	total			46		40		41	41	44	45	27	44	59	83	65	26	35	51	55	65	31	32	28	34	892	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 714 abnormal environment 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
040103	airline service			1				1	9	11	1	1	1	6	14	16	6	10	21	22	21	1		1	8	151	airline service
110101	telecommunication service										2	1	1	1		1			1	1	1				3	12	telecommunication service
080209	other retails							2	1		1		1	1	5		2		2	1	1	1			2	20	other retails
070209	other fishery							1		1			1	1	1	1		1	1				1	3	2	14	other fishery
011001	steel/iron/rolling products							1	1						1						1				2	6	steel/iron/rolling products
170209	others			2		2		2	6	1	1		2	2	7	5	1		1	1	2	1		1	1	38	others
080205	newspaper retail			6		1		2	1		1	2	3	3	3	1					3	1			1	28	newspaper retail
030111	port/seaside construction work			2		2			3	3	1		3	1	2		2	1		1		1	1	2	1	26	port/seaside construction work
030201	steel frame/reinforced concrete house construction work					5		1	1		1		2	3	4			2		1	1	1			1	23	steel frame/reinforced concrete house construction work

011209 other metal products		1						3			1		$\ _1$	1		1		1	4	1		1	1	16	other metal products
130201 social welfare facility		1	İ	1	i	1	İ	i	1	Ï	3	1	1	3				1	1		İ	İ	1	15	social welfare facility
170201 security service						2		i	İ	İ	1	1	2						1	2	1	3	1	14	security service
140201 general restaurant		1		3		1	1	i	1	Ï		1				1		1	1		İ	1	1	13	general restaurant
030209 other building construction work									2		3	2	1	1				1					1	11	other building construction work
030302 machinery/apparatus setting work				2		5													1	1			1	10	machinery/apparatus setting work
011709 other manufacturing		2				1				3										1	1		1	9	other manufacturing
010801 non organic or organic chemical products		2				1			1			1									2		1	8	non organic or organic chemical products
other education/research service								1			1	1		1	1		1	1					1	8	other education/research service
040201 taxi service		1								1		1	2	1									1	7	taxi service
140301 golf course									2		1	1	1										1	6	golf course
010809 chemical fertilizer products								1															1	2	chemical fertilizer products
010902 glass products																							1	1	glass products
040301 general truck transportation service		2		3		1				2		2	7	4	2	1			1	5	2	2		34	general truck transportation service
070201 fishery		1		4		3	1	1	2	1	1	4	1	2	1	1		1		1				25	fishery
030199 other civil engineering work		2				3	1	1	4	1		3	1	3				1				1		21	other civil engineering work
150101 building maintenance service									1		1	1	4	3	2	1			4	1		1		19	building maintenance service
130101 hospital		2		2		1			1				2					1	6		2			17	hospital
010109 other foods				1				1	3			1	1	4	1			1		1	1			15	other foods
030309 other construction works						1	1	2	1				1	2		1		1	1	1	2	1		15	other construction works
060101 agriculture		1						2	1	1		1						1			1	5		13	agriculture
011501 ship building							1		1	1		1		1	2			1	1		3			12	ship building
030202 wooden house construction work				1							1	4				4		1			1			12	wooden house construction work
030110 water supply/sewage construction work		2							2	1	1						5							11	water supply/sewage construction work
070101 livestock									2	1			1			3	2	1	1					11	livestock
030106 road construction work		2		1		1		1	1				1	1		1				1				10	road construction work
140309 other amusement service						2		1	1	1	1				1		2	1						10	other amusement service
010104 bread/cake products							4	2			1	1	1											9	bread/cake products
080201 all kinds of retail						2					2	1				1	1	1	1					9	all kinds of retail
[140101] hotel							2	1			2					1	1			1	1			9	hotel
150102 industrial waste management service											1		2				2	1	1		2			9	industrial waste management service
030105 bridge construction work		2				1			1					1			1	1				1		8	bridge construction work
140302 park and amusement park									2				1					3		1	1			8	park and amusement park
other cleaning and livestock process service		1							1		1		2	1						1	1			8	other cleaning and livestock process service
electronics equipment and																									electronics equipment and

011403 telecommunications apparatus			2			1	1				1								2		7	telecommunications apparatus
030203 building facility construction work			1	1		1				1					3						7	building facility construction work
050101 land cargo handling service		1				1			1	1	2						1				7	land cargo handling service
150103 other waste disposal service		2			1													2	2		7	other waste disposal service
010899 other chemical products					1		1		1							1				2	6	other chemical products
010901 cement products		1				1					1	1	1						1		6	cement products
030301 electricity/telecommunication work						1						1		1	1	1	1				6	electricity/telecommunication work
080409 other commerce		2		1						1	1				1						6	other commerce
010102 fishery products		1			1			1			1	1									5	fishery products
010805 plastics products		1	2	1												1					5	plastics products
011101 nonferrous metals/rolling products					1	1		3													5	nonferrous metals/rolling products
011502 auto mobile products						1		1								1	2				5	auto mobile products
040202 bus service		1									2				1			1			5	bus service
090103 insurance business			1			1				2											4	insurance business
010105 alcoholic drinks			1				1			1											3	alcoholic drinks
010106 soft drinks								2							1						3	soft drinks
010402 plywood					İ							3									3	plywood
010909 other sand and stone products							1		1							1					3	other sand and stone products
011301 machine products					1										1		1				3	machine products
030102 tunnel construction work							İ			1			1					1			3	tunnel construction work
040303 cargo/ light automobile transportation service			1					1			1										3	cargo/ light automobile transportation service
050202 port cargo handling service				1	1									1							3	port cargo handling service
060209 other forestry						1				1										1	3	other forestry
130301 bathhouse									1	1							1				3	bathhouse
010101 meat/dairy products												2									2	meat/dairy products
010701 printing service									1								1				2	printing service
011002 casting products								1					1								2	casting products
011009 other steel products					1														1		2	other steel products
011204 metal plating products															1				1		2	metal plating products
011509 other transport equipment products									1							1					2	other transport equipment products
011703 cleaning			1		İ		i			1							i				2	cleaning
030109 land consolidation civil engineering work											1					1					2	land consolidation civil engineering work
040101 railroad service			1															1			2	railroad service
080109 other wholesale		1												1							2	other wholesale
080204 fuel retail											1	1									2	fuel retail
090201 traveling service		1												1							2	traveling service

160101 public office							1								1										2	public office
010103 agricultural food products														1											1	agricultural food products
010203 weaving																1									1	weaving
010309 other fiber products													1												1	other fiber products
010601 pulp/paper																					1				1	pulp/paper
010803 pharmaceuticals																					1				1	pharmaceuticals
010808 painting products																				1					1	painting products
010903 pottery products																				1					1	pottery products
011109 other nonferrous metal products																				1					1	other nonferrous metal products
011203 metal press products																						1			1	metal press products
011402 electrical appliance								1																	1	electrical appliance
011601 electric utility service																							1		1	electric utility service
011602 city gas service																	1								1	city gas service
011603 city water service																						1			1	city water service
011701 auto mobile servicing									1																1	auto mobile servicing
011702 machine repair									1																1	machine repair
020201 quarrying										1															1	quarrying
020202 gravel digging															1										1	gravel digging
030101 hydroelectric plant construction work												1													1	hydroelectric plant construction work
030107 river civil engineering work					1																				1	river civil engineering work
040309 other land cargo transportation service														1											1	other land cargo transportation service
050201 general harbor transportation service											1														1	general harbor transportation service
050209 other harbor transportation service																		1							1	other harbor transportation service
060201 lumbering					1																				1	lumbering
080203 furniture/fittings retail																							1		1	furniture/fittings retail
080401 warehousing												1													1	warehousing
090101 banking/trust business															1										1	banking/trust business
090109 other financial business																1									1	other financial business
090209 other advertisement and mediator																				1					1	other advertisement and mediator
100109 other movie/play service													1												1	other movie/play service
130109 other medical treatment service			1																						1	other medical treatment service
140209 other restaurants										1															1	other restaurants
170202 information processing service													1												1	information processing service
010201 silk-reeling																										silk-reeling
010202 cotton-spinning																		imi	\Box					İ		cotton-spinning
010204 dyeing																		i								dyeing
	-	=	=	=	=	-	-	=	=	=	=	=	=	-	=	==	_	==:	==	==		=	=	-	=	=======================================

010209 other textile products															other textile products	
010301 over/under wear															over/under wear	
010401 lumbering															lumbering	
010409 other lumber and wood products															other lumber and wood products	d
010501 wood furniture															wood furniture	
010502 metal furniture															metal furniture	
010503 fittings															fittings	
010509 other furniture															other furniture	
010602 paper processing products															paper processing produ	ucts
010609 other pulp/paper processing products															other pulp/paper proces products	ssing
010702 bookbinding															bookbinding	
010709 other printing and bookbinding															other printing and bookbinding	
010802 chemical fiber															chemical fiber	
010804 petroleum/coal products															petroleum/coal product	ts
010806 rubber products															rubber products	
010807 leather products															leather products	
010904 fire resisting products															fire resisting products	
010905 other ceramic products															other ceramic products	š
011102 nonferrous metals casting products															nonferrous metals casti products	ing
011201 western tableware/cutting tool products															western tableware/cutti tool products	ing
011202 screw products															screw products	
011302 measuring instruments															measuring instruments	,
011303 optical instruments															optical instruments	
011304 watch products															watch products	
011305 other precision machine products															other precision machin products	ie
011401 heavy electrical equipment															heavy electrical equipm	ment
011409 other electrical equipment															other electrical equipm	nent
011503 railway vehicle products															railway vehicle produc	ets
011609 other electric/gas/water service															other electric/gas/water service	r
011704 tobacco products															tobacco products	
020101 general coal mining				\Box	\Box	\Box	\Box				\Box	Ti	T		general coal mining	
020109 other coal mining															other coal mining	
020209 other quarrying					\Box		\Box						T		other quarrying	
020301 metal mining				\Box	\Box	\Box	\Box	\Box			\Box	Ti-	Tİ		metal mining	
020302 petroleum mining	i				\Box		\Box						T		petroleum mining	
020309 other mining					П		П					Ti-	T		other mining	
030103 subway construction work															subway construction w	vork

1		 _	-	_	-	 -	-	-	-	-		-	-	-	_	-	-	-	-	_	-	-	-	-	
	railway construction work																								railway construction work
030108	sand collapse prevention civil engineering work																								sand collapse prevention civil engineering work
	water transportation service																								water transportation service
040207	other passenger transport service																								other passenger transport service
040302	specific truck transportation service																								specific truck transportation service
040409	other transportation service																								other transportation service
080101	all kinds of wholesale																								all kinds of wholesale
080102	furniture/fittings wholesale																								furniture/fittings wholesale
080202	auto mobile retail																								auto mobile retail
080301	haircut																								haircut
080302	beauty salon																								beauty salon
	stock/commodity trade business																								stock/commodity trade business
100101	movie production and delivery service																								movie production and delivery service
100102	movie theatre																								movie theatre
120101	auto mobile practical training																								auto mobile practical training
120102	software service																								software service
130102	general clinic																								general clinic
130309	other health and hygiene service																								other health and hygiene service
150104	cremation service																								cremation service
	livestock process service																								livestock process service
170101	dispatch service																								dispatch service
	total		46		40	41	41	44	45	27	44	59	83	65	26	35	51	55	65	31	32	28	34	892	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