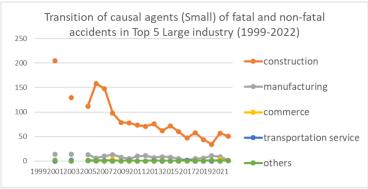
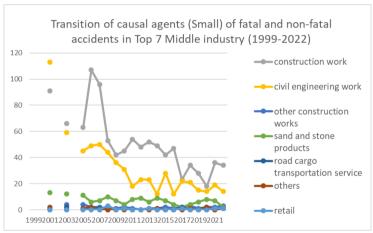
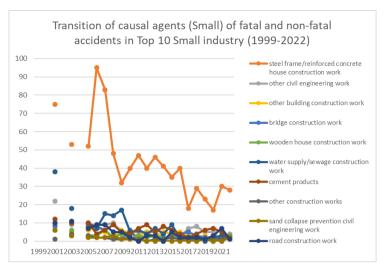
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Large industry (1999-2022)

Trans	ntion of causal agents (Smail) of la	tai aire	1 11011-	ratar t	icciac	ms as	couc i	10. +1	2 tiiii	ocinig	шъа	ige iii	idusti j	y (1))	7-202	<u> </u>											
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			205		129		112	158	148	98	79	78	73	71	76	62	72	60	47	58	44	34	57	51	1,712	construction
01	manufacturing			14		14		13	6	10	13	8	5	10	11	7	9	8	5	2	5	6	11	9	2	168	manufacturing
08	commerce							2		1	3		1			1				1				3	1	13	commerce
04	transportation service					2		1	1	1			1			1				2					1	10	transportation service
17	others			2				1	2								1				1		2		1	10	others
14	hotel/restaurant/amusement service					1		1	1	1		1	1	2							2		1	2		13	hotel/restaurant/amusement service
13	health and hygiene service					2		1	1					1	1			2					1	2		11	health and hygiene service
15	commercial cleaning and livestock process			2						2	1															5	commercial cleaning and livestock process
07	livestock/fishery							1										1						1		3	livestock/fishery
02	mining																				1			1		2	mining
06	agriculture			1										1												2	agriculture
11	telecommunication service									1						1										2	telecommunication service
05	cargo handling service										1															1	cargo handling service
09	financial business/advertisement																										financial business/advertisement
10	movie/play service																										movie/play service
12	education/research service																										education/research service
16	public office																										public office
	total			224		148		132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75	56	1,952	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Middle industry (1999-2022)

code Middle industry	19	99 20	000 2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	3 2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Middle industry
0302 construction work			91		66		63	107	96	53	42	45	54	48	52	49	42	47	23	34	28	18	36	34	1,028	construction work

0301	civil engineering work		113	59	45	49	50	44	36	31	18	23	23	12	28	12	22	21	15	14	19	14	648	civil engineering work
0303	other construction works		1	4	4	2	2	1	1	2	1		1	1	2	1	2	3	1	2	2	3	36	other construction works
0109	sand and stone products		13	12	11	6	7	10	7	4	8	9	6	9	7	4	2	4	6	8	7	2	142	sand and stone products
0403	road cargo transportation service			2	1	1	1			1			1				2					1	10	road cargo transportation service
1702	others		2		1	2								1				1		2		1	10	others
0802	retail							3		1			1				1				1	1	8	retail
1401	hotel						1		1	1	2							1		1	1		8	hotel
1302	social welfare facility			1		1					1	1			1						1		6	social welfare facility
0101	food products								1		1	1			1					1			5	food products
0112	metal products		1				1	1		1			İ			1							5	metal products
	other manufacturing						İ	2					İ					1		1	1		5	other manufacturing
1501	commercial cleaning and livestock process		2				2	1															5	commercial cleaning and livestock process
	medical treatment service			1	1															1	1		4	medical treatment
0115	transport equipment products			1	1															1			3	transport equipment products
0804	other commerce	\Box		i	2		1		i					i				╁					3	other commerce
	restaurant				1													1			1		3	restaurant
	fiber products				1			i				1											2	fiber products
	wood products						1						1										2	wood products
	forestry		1								1												2	forestry
	fishery				1										1			1					2	fishery
	wholesale	H		i	H	┢		╁	╫	╫			H	╫		╫	┢	╫			2		2	wholesale
	telecommunication service						1						1										2	telecommunication service
1403	other amusement service			1		1																	2	other amusement service
0108	chemical products										1							1					1	chemical products
	steel making			i			1	i	i —	i	Ï		i	i —	İ		i	i		i	i		1	steel making
	nonferrous metal making																				1		1	nonferrous metal making
0116	electric/gas/water service			1																			1	electric/gas/water service
0201	coal mining							i										1		i	i		1	coal mining
	quarrying					İ		i	i	ĺ			İ	i	İ		Ϊ	ī		i	1		1	quarrying
	harbor transportation service							1															1	harbor transportation service
0701	livestock			i				i	i	İ			i	i	i		İ	ī		İ	1		1	livestock
	other health and hygiene service														1								1	other health and hygiene service

0102	textile products																						textile products
0105	furniture																						furniture
0106	pulp/paper processing products																						pulp/paper processing products
0107	printing/bookbinding																						printing/bookbinding
0113	machine products																						machine products
0114	electrical equipment products																						electrical equipment products
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
0601	agriculture																						agriculture
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
1201	education/research service																						education/research service
1601	public office																						public office
1701	dispatch service																						dispatch service
	total		224	148	132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75	56	1,952 total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering 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
030201	steel frame/reinforced concrete house construction work			75		53		52	95	83	48	32	40	47	40	46	41	35	40	18	29	23	17	30	28	872	steel frame/reinforced concrete house construction work
030199	other civil engineering work			22		9		9	9	9	10	5	5	5	5	5	2	2	2	7	8	5	5		4	128	other civil engineering work
030209	other building construction work			9		5		6	8	5	2	6	4	3	5	2	5	4	5	3	2	3	1	3	3	84	other building construction work
030105	bridge construction work			8		3		8	8	6	2	1	6		4	2	1	3	4	5	3	2		3	3	72	bridge construction work
030202	wooden house construction work			6		6		3	3	6	2	4	1	3	2	3	2	3	1	2	2	1		1	3	54	wooden house construction work
030110	water supply/sewage construction work			38		18		10	7	15	14	17	5	6	4	7	4	9	2	2	3		2	3	2	168	water supply/sewage construction work
010901	cement products			12		10		10	4	6	9	5	4	7	9	5	8	6	4	2	4	6	7	5	2	125	cement products
030309	other construction works			1		4		3	2	2	1	1	2	1		1	1	2	1	1	1	1	2	1	2	30	other construction works
																	1								1	1	

Double state Doub	030108 sand collapse prevention civil engineering work	6	3	2	2	2	3	1	1	1								1			2	24	sand collapse prevention civil engineering work
Description Description	030106 road construction work	10	11	7	9	9	5	5	2		3	3		5	2	2	2	1	3	7	1	87	road construction work
Work	030102 tunnel construction work	9	2	3	2	2		1		1	6	3		5	1	2	2	1		3	1	44	tunnel construction work
Service		3	2		2	1	4		6	1			2	1		2		2	1	1	1	29	
Description of the products Desc	040301 general truck transportation service		2	1	1	1			1			1				2					1	10	general truck transportation service
800.09 work	170209 others	1		1									1				1		2		1	7	others
Bade Consolidation civil egineering work																1	1			1	1	4	machinery/apparatus setting work
Solity S	080209 other retails								1			1								1	1	4	other retails
Display Disp		9	6	2	3	3	2	2	2	2	1	1	1			1	2	3	2	1		43	
1	030107 river civil engineering work	6	3	3	5	1	2	2	2	2		1	2	2	1	1	1		1	1		36	river civil engineering work
Subsequent		1	2	2	1	2	1			1	1	1	1		1		1	1		2		18	building facility construction work
14010		1	2	1	1	1	1	2		1		1		1					1	2		15	
13020	030103 subway construction work	2	1		1		1	2	1					1								9	subway construction work
O11209 other metal products	140101 hotel					1		1	1	2							1		1	1		8	hotel
011709 other manufacturing	130201 social welfare facility		1		1					1	1			1						1		6	social welfare facility
1	011209 other metal products	1				1	1		1						1							5	other metal products
1010109 other foods	011709 other manufacturing						2			Ī							1		1	1		5	other manufacturing
011501 Ship building	030104 railway construction work		1		1		1		1			1										5	railway construction work
1 2	010109 other foods							1			1			1					1			4	other foods
Solution Solution	011501 ship building		1	1															1			3	ship building
13010 hospital	030101 hydroelectric plant construction work			1		2																3	
150101 building maintenance service 2	080409 other commerce			2		1																3	other commerce
170201 security service	130101 hospital		1																1	1		3	hospital
1	150101 building maintenance service	2				1																3	building maintenance service
1 1 2	170201 security service	1			2																	3	security service
1	010905 other ceramic products				1								1									2	other ceramic products
080109 other wholesale 2 2 2 other wholesale 080201 all kinds of retail 2 2 all kinds of retail 2 all kinds of retail 080205 newspaper retail 1 1 2 newspaper retail 110101 telecommunication service 1 1 1 2 telecommunication service 140201 general restaurant 1 1 1 1 1 2 general restaurant 010104 bread/cake products 1 1 1 1 1 1 bread/cake products				1													1					2	electricity/telecommunication work
080201 all kinds of retail 2 5 1 2 2 2 3 3 3 3 3 3 4 3 4 </td <td>060201 lumbering</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> <td>lumbering</td>	060201 lumbering	1								1												2	lumbering
080205 newspaper retail 1 1 2 newspaper retail 110101 telecommunication service 1 1 2 telecommunication service 140201 general restaurant 1 1 1 1 1 2 general restaurant 010104 bread/cake products 1 1 1 1 1 bread/cake products	080109 other wholesale																			2		2	other wholesale
110101 telecommunication service 1 1 1 2 telecommunication service 140201 general restaurant 1 1 1 1 2 general restaurant 010104 bread/cake products 1 1 1 1 1 bread/cake products	080201 all kinds of retail						2															2	all kinds of retail
140201 general restaurant 1 1 1 2 general restaurant 010104 bread/cake products 1 1 1 1 bread/cake products	080205 newspaper retail						1									1						2	newspaper retail
010104 bread/cake products 1 bread/cake products	110101 telecommunication service					1						1										2	telecommunication service
	140201 general restaurant																1			1		2	general restaurant
	010104 bread/cake products									1												1	bread/cake products
010301 over/under wear	010301 over/under wear			1																		1	over/under wear

010309 other fiber products											1									1	other fiber products
010402 plywood							1													1	plywood
010409 other lumber and wood products												1								1	other lumber and wood products
010805 plastics products										1										1	plastics products
011002 casting products							1													1	casting products
011102 nonferrous metals casting products																			1	1	nonferrous metals casting products
011602 city gas service			1												i					1	city gas service
020101 general coal mining														Ì	ĺ	1				1	general coal mining
020209 other quarrying														i	i				1	1	other quarrying
050209 other harbor transportation service								1												1	other harbor transportation service
070101 livestock																			1	1	livestock
070201 fishery					1															1	fishery
070209 other fishery													1	ĺ	ĺ					1	other fishery
0ther medical treatment service					1															1	other medical treatment service
130301 bathhouse				İ									1	İ	i					1	bathhouse
140209 other restaurants				İ	1									i	Ī					1	other restaurants
140301 golf course				i		1								j	Ĭ					1	golf course
140309 other amusement service			1				İ							İ	i					1	other amusement service
150103 other waste disposal service								1						İ	i					1	other waste disposal service
other cleaning and livestock process service							1													1	other cleaning and livestock process service
010101 meat/dairy products														İ	i						meat/dairy products
010102 fishery products				İ										İ	Ī						fishery products
010103 agricultural food products															Ĭ						agricultural food products
010105 alcoholic drinks							İ		$\overline{}$					İ	i						alcoholic drinks
010106 soft drinks														İ	i						soft drinks
010201 silk-reeling														Ĭ	Ĭ						silk-reeling
010202 cotton-spinning				i										Ĭ	Ĭ						cotton-spinning
010203 weaving				i	İ		İ							İ	i	Ti					weaving
010204 dyeing				Ï										j	j						dyeing
010209 other textile products																i					other textile products
010401 lumbering			ĺ	İ					一		$\overline{\Box}$			i	 i	T					lumbering
010501 wood furniture									\Box						T	Ti					wood furniture
010502 metal furniture																i					metal furniture
010503 fittings				ĺ										Ĭ	Ĭ	Ti-					fittings
010509 other furniture									\Box					Ĭ	Ĭ	T					other furniture
010601 pulp/paper				i —					一		$\overline{\Box}$				 i	T					pulp/paper
010602 paper processing products																i					paper processing products
other pulp/paper processing products		i		i	i	i	i		一	\equiv	\equiv					—i	=	\equiv		$\overline{}$	other pulp/paper processing

010701 printing service	i	— j		H	\Box			i	i	i					i		Ti-	printing service
010702 bookbinding					H						<u></u>		-					bookbinding
010709 other printing and		-			H						<u></u>	_	= -	_	╬	╫		other printing and
bookbillding																<u> </u>		bookbinding
non organic or organic chemical products																		non organic or organic chemical products
010802 chemical fiber																		chemical fiber
010803 pharmaceuticals																		pharmaceuticals
010804 petroleum/coal products																		petroleum/coal products
010806 rubber products																		rubber products
010807 leather products																		leather products
010808 painting products																		painting products
010809 chemical fertilizer products																		chemical fertilizer products
010899 other chemical products																		other chemical products
010902 glass products																		glass products
010903 pottery products																		pottery products
010904 fire resisting products																		fire resisting products
011001 steel/iron/rolling products																		steel/iron/rolling products
011009 other steel products																		other steel products
011101 nonferrous metals/rolling products																		nonferrous metals/rolling products
011109 other nonferrous metal products																		other nonferrous metal products
011201 western tableware/cutting tool products																		western tableware/cutting tool products
011202 screw products																		screw products
011203 metal press products																		metal press products
011204 metal plating products																		metal plating products
011301 machine products					$\overline{\Box}$													machine products
011302 measuring instruments					$\overline{\Box}$													measuring instruments
011303 optical instruments																		optical instruments
011304 watch products																		watch products
011305 other precision machine products																		other precision machine products
011401 heavy electrical equipment																		heavy electrical equipment
011402 electrical appliance																		electrical appliance
electronics equipment and telecommunications apparatus																		electronics equipment and telecommunications apparatus
011409 other electrical equipment																		other electrical equipment
011502 auto mobile products																		auto mobile products
011503 railway vehicle products				\Box	\Box				Ti	Ti								railway vehicle products
011509 other transport equipment products																		other transport equipment products

011601 electric utility service														electric utility service
011603 city water service														city water service
011609 other electric/gas/water service														other electric/gas/water service
011701 auto mobile servicing														auto mobile servicing
011702 machine repair													[machine repair
011703 cleaning														cleaning
011704 tobacco products														tobacco products
020109 other coal mining														other coal mining
020201 quarrying														quarrying
020202 gravel digging														gravel digging
020301 metal mining														metal mining
020302 petroleum mining														petroleum mining
020309 other mining													[other mining
040101 railroad service													[railroad service
040102 water transportation service														water transportation service
040103 airline service														airline service
040201 taxi service														taxi service
040202 bus service													Ī	bus service
040209 other passenger transport 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
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
060101 agriculture														agriculture
060209 other forestry														other forestry
080101 all kinds of wholesale														all kinds of wholesale
080102 furniture/fittings wholesale														furniture/fittings wholesale
080202 auto mobile retail														auto mobile retail
080203 furniture/fittings retail													[f	furniture/fittings retail
080204 fuel retail														fuel retail
080301 haircut														haircut
080302 beauty salon														beauty salon
080401 warehousing														warehousing
090101 banking/trust business														banking/trust business
stock/commodity trade														stock/commodity trade

090102 business																							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
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
other education/research service																							other education/research service
[130102] general clinic																							general clinic
other health and hygiene service																							other health and hygiene service
140302 park and amusement park																							park and amusement park
150102 industrial waste management service																							industrial waste management service
150104 cremation service																							cremation service
150105 livestock process service																							livestock process service
160101 public office																							public office
170101 dispatch service																							dispatch service
170202 information processing service																							information processing service
total		224	148	132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75	56	1,952	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