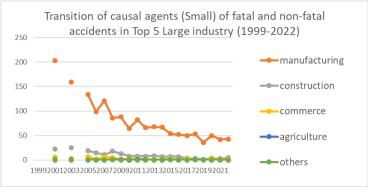
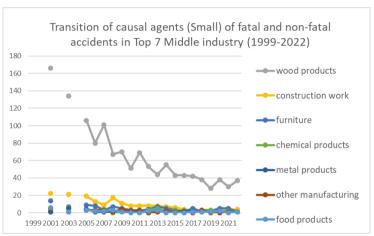
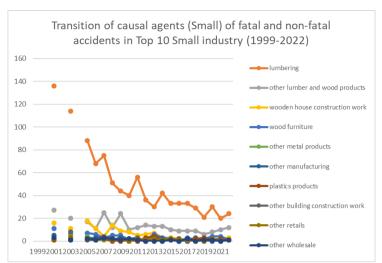
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Large industry (1999-2022)

T Talls	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
01	manufacturing			203		159		134	99	121	86	88	65	82	66	68	67	54	52	50	53	36	50	42	43	1,618	manufacturing
03	construction			23		25		19	15	11	18	13	8	8	8	9	7	7	7	4	3	1	4	3	5	198	construction
08	commerce			6		3		7	2	6	5	2	2	3	1	2	1	3	1	3	1	1	4	1	2	56	commerce
06	agriculture			1		1					1	1		2	1			1			1	1				10	agriculture
17	others							1			1		2				1	1	1		1		1			9	others
04	transportation service								2	1	1				1	1	1									7	transportation service
05	cargo handling service			1		1				2	1							1								6	cargo handling service
15	commercial cleaning and livestock process												1	1	1	1								2		6	commercial cleaning and livestock process
13	health and hygiene service							1									1					2		1		5	health and hygiene service
12	education/research service			1				1							1											3	education/research service
14	hotel/restaurant/amusement service																	1					1			2	hotel/restaurant/amusement service
07	livestock/fishery																			1						1	livestock/fishery
10	movie/play service																	1								1	movie/play service
02	mining																										mining
09	financial business/advertisement																										financial business/advertisement
11	telecommunication service																										telecommunication service
16	public office																										public office
	total			235		189		163	118	141	113	104	78	96	79	81	78	69	61	58	59	41	60	49	50	1,922	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Middle industry (1999-2022)

code Middle industry	1999	2000 2001	2002	2003			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		Middle industry
0104 wood products		166		134	1	06	80	101	67	70	51	69	53	44	55	43	43	42	38	28	38	30	37	1,295	wood products

0302	construction work		22	21	19	13	9	17	11	8	8	8	8	7	6	4	2	3	1	3	3	4	177	construction work
0105	furniture		14	7	9	8	3	7	5	3	2	4	7	5	3	1	5	1	2	5	5	1	97	furniture
0108	chemical products		2	6	4	2	4	i	1	1		3	5	1	3	2		3	3	1	2	1	44	chemical products
0112	metal products		1	5	4	1	1	1	3	2	2	1	2	1	1	2	1	2	1	1	1	1	34	metal products
0117	other manufacturing		5	1	3	3	3	1	4	2	3		1	2	1			3			1	1	34	other manufacturing
0101	food products		6	1	3	2	2	3	1			2	3				1	1	1	2		1	29	food products
0802	retail		3	2	2	1	3	1	1		2	1	2	1	2	1	1			3	1	1	28	retail
0801	wholesale		3	1	5	1	3	3	1	2	1				1		2		1	1		1	26	wholesale
0113	machine products		1	1	1	1	3	1	3	3	2		2			1		2		1	1	1	24	machine products
0303	other construction works			2		2	2		1						1	3	1					1	13	other construction works
0115	transport equipment products		4		1	1	3	2	1	1		2	1	2	1	2							21	transport equipment products
	nonferrous metal making		2	1	2		1	2			1	1	1	1	2	1	1	2		1	1		20	nonferrous metal making
1702	others				1			1		2				1	1	1		1		1			9	others
0114	electrical equipment products		1	1	1	1		1					1						1	1			8	electrical equipment products
	civil engineering work		1	2				1	1				1				1			1			8	civil engineering work
0602	forestry		1	1				1	1		1				1			1	1				8	forestry
0403	road cargo transportation service					2	1	1				1	1	1									7	road cargo transportation service
0501	land cargo handling service		1	1			2	1							1								6	land cargo handling service
	commercial cleaning and livestock process									1	1	1	1								2		6	commercial cleaning and livestock process
0109	sand and stone products		1							2								1			1		5	sand and stone products
0106	pulp/paper processing products			1							2												3	pulp/paper processing products
1201	education/research service		1		1							1											3	education/research service
	social welfare facility	Щ			1	<u> </u>		<u> </u>					<u> </u>	1					1		<u> </u>		3	social welfare facility
	fiber products	Щ		1		<u> </u>		<u> </u>		<u> </u>		<u></u>	1			<u> </u>			<u> </u>	<u> </u>	<u> </u>		2	fiber products
	steel making	Щ				<u> </u>		1	<u> </u>	<u> </u>	1		<u> </u>		<u> </u>				<u></u>		<u> </u>		2	steel making
	agriculture	\sqsubseteq				<u> </u>		<u> </u>	<u> </u>		1	1		<u> </u>		<u> </u>					<u> </u>			agriculture
0804	other commerce	\sqsubseteq						1	<u> </u>				<u> </u>					1	<u></u>	<u> </u>	1			other commerce
1301	medical treatment service																		1		1		2	medical treatment service
	other amusement service														1					1			2	other amusement service
	livestock							<u> </u>	<u> </u>					<u> </u>		<u> </u>	1				<u> </u>		1	livestock
	movie/play service	Щ						<u> </u>		<u> </u>			<u> </u>		1	<u> </u>				<u> </u>	<u> </u>		1	movie/play service
10102	textile products							1	II							1			1	1				textile products

0107	printing/bookbinding																							printing/bookbinding
0116	electric/gas/water service																							electric/gas/water service
0201	coal mining																							coal mining
0202	quarrying																							quarrying
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
0502	harbor transportation service																							harbor transportation service
0702	fishery																							fishery
0803	haircut/beauty salon																							haircut/beauty salon
0901	financial business																							financial business
0902	advertisement and mediator																							advertisement and mediator
1101	telecommunication service																							telecommunication service
1303	other health and hygiene service																							other health and hygiene service
1401	hotel																							hotel
1402	restaurant																							restaurant
	public office																							public office
1701	dispatch service																							dispatch service
	total		235	189	163	118	141	113	104	78	96	79	81	78	69	61	58	59	41	60	49	50	1,922	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Small industry (1999-2022)

_	1		_																			_					1
code	Small industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	3 2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Small industry
010401	lumbering			136		114		88	68	75	51	44	40	56	36	30	42	33	33	33	29	21	30	20	24	1,003	lumbering
	other lumber and wood products			27		20		17	11	25	12	24	10	12	14	13	13	10	9	9	9	6	8	10	12	271	other lumber and wood products
030202	wooden house construction work			16		11		18	11	4	14	9	8	5	6	7	3	3	2	1	3		2	2	3	128	wooden house construction work
010501	wood furniture			11		6		7	6	3	5	5	1	2	1	6	3	2		3	1	2	4	4	1	73	wood furniture
011209	other metal products			1		5		4	1	1	1	3	2	2	1	2	1	1	2	1	2	1	1		1	33	other metal products
011709	other manufacturing			5		1		2	3	3	1	3	2	3		1	2	1			3			1	1	32	other manufacturing
010805	plastics products			1		3		2	1	2			1		3	4	1	2	2		2	3	1	2	1	31	plastics products
030209	other building construction work			3		8		1	1	4	2	1		1		1		2	1			1	1	1	1	29	other building construction work
080209	other retails			2		2		2	1	3	1	1		2	1	2	1	2	1	1			2		1	25	other retails
080109	other wholesale			3		1		2	1	3	2	1	2	1				1		2		1	1		1	22	other wholesale

010402 plywood	3				1	1	1	4	2	1	1	3	1			1			1			1	21	plywood
011301 machine products	1	1	1	╁	1	1	2		2	3	2		2	i	i	1		2		1	1	1	21	machine products
010102 fishery products	4		1		3	2	2	1			ī	2	1				1	Ī	1	1		1	20	fishery products
030309 other construction works			2		i i	2	2		1		i				1	3	1	Ï		İ		1	13	other construction works
011102 nonferrous metals casting products	2		1		2		1	2				1	1		1	1	1	1		1	1		16	nonferrous metals casting products
030201 steel frame/reinforced concrete house construction work	2		2			1	1	1	1		1	1		4	1	1							16	steel frame/reinforced concrete house construction work
010509 other furniture			1	<u> </u>	2	1		1		1	<u> </u>	2	<u> </u>	2	1	1	1						13	other furniture
010503 fittings	3					1		1		1	<u> </u>	1	1				1			1	1		11	fittings
011501 ship building	3					1	1	1	1	1		1	1			1							11	ship building
170209 others					1			1		2				1	1	1		1		1			9	others
011502 auto mobile products							2	1				1		2	1								7	auto mobile products
010101 meat/dairy products	2							2	1				1										6	meat/dairy products
010801 non organic or organic chemical products			2		1		2											1					6	non organic or organic chemical products
040301 general truck transportation service						2	1	1				1		1									6	general truck transportation service
050101 land cargo handling service	1		1				2	1							1								6	land cargo handling service
010899 other chemical products	1				1	1			1				1										5	other chemical products
060201 lumbering								1	1		1				1				1				5	lumbering
030199 other civil engineering work	1		1						1											1			4	other civil engineering work
030203 building facility construction work	1										1	1					1						4	building facility construction work
150102 industrial waste management service										1		1	1								1		4	industrial waste management service
010909 other sand and stone products										1								1			1		3	other sand and stone products
011109 other nonferrous metal products											1			1	1								3	other nonferrous metal products
011305 other precision machine products							1	1	1														3	other precision machine products
011403 electronics equipment and telecommunications apparatus			1			1														1			3	electronics equipment and telecommunications apparatus
011409 other electrical equipment	1							1					1										3	other electrical equipment
011509 other transport equipment products	1				1											1							3	other transport equipment products
060209 other forestry	1		1															1					3	other forestry
080101 all kinds of wholesale					2			1															3	all kinds of wholesale
130201 social welfare facility					1									1					1				3	social welfare facility
010109 other foods																		1		1			2	other foods
010309 other fiber products			1										1										2	other fiber products
010602 paper processing products			1								1												2	paper processing products
					1								1	1	1	1	1						1	

010806 rubber products				1										1						2	rubber products
010901 cement products		1								1										2	cement products
011002 casting products								1			1									2	casting products
011401 heavy electrical equipment						1											1			2	heavy electrical equipment
011702 machine repair						1			1											2	machine repair
030106 road construction work								1					1							2	road construction work
030110 water supply/sewage construction work				1											1					2	water supply/sewage construction work
060101 agriculture			İ		İ						1	1								2	agriculture
080203 furniture/fittings retail																		1	1	2	furniture/fittings retail
080409 other commerce								1								1				2	other commerce
other education/research service						1						1								2	other education/research service
130101 hospital																	1		1	2	hospital
010103 agricultural food products													1							1	agricultural food products
other pulp/paper processing products											1									1	other pulp/paper processing products
011101 nonferrous metals/rolling products																1				1	nonferrous metals/rolling products
011203 metal press products																			1	1	metal press products
040302 specific truck transportation service													1							1	specific truck transportation service
070101 livestock															1					1	livestock
080102 furniture/fittings wholesale						1														1	furniture/fittings wholesale
080201 all kinds of retail		1																		1	all kinds of retail
100109 other movie/play service														1						1	other movie/play service
120101 auto mobile practical training		1																		1	auto mobile practical training
140301 golf course																		1		1	golf course
140309 other amusement service														1						1	other amusement service
150103 other waste disposal service											1									1	other waste disposal service
other cleaning and livestock process service																			1	1	other cleaning and livestock process service
010104 bread/cake products																					bread/cake products
010105 alcoholic drinks																					alcoholic drinks
010106 soft drinks																					soft drinks
010201 silk-reeling																					silk-reeling
010202 cotton-spinning																					cotton-spinning
010203 weaving																					weaving
010204 dyeing	$\overline{}$																				dyeing
010209 other textile products																					other textile products
010301 over/under wear																					over/under wear
010502 metal furniture																					metal furniture
010601 pulp/paper													\Box		\Box						pulp/paper
010701 printing service	$\overline{}$														\Box						printing service

010702 bookbinding																t	oookbinding
010709 other printing and bookbinding																o t	other printing and bookbinding
010802 chemical fiber																c	chemical fiber
010803 pharmaceuticals																F	pharmaceuticals
010804 petroleum/coal products																F	petroleum/coal products
010807 leather products																1	eather products
010808 painting products																F	painting products
010809 chemical fertilizer products																c	chemical fertilizer products
010902 glass products																3	glass products
010903 pottery products																F	pottery products
010904 fire resisting products																f	fire resisting products
010905 other ceramic products																c	other ceramic products
011001 steel/iron/rolling products																s	steel/iron/rolling products
011009 other steel products																C	other steel products
011201 western tableware/cutting tool products																v	western tableware/cutting cool products
011202 screw products																S	screw products
011204 metal plating products																r	metal plating products
011302 measuring instruments																r	measuring instruments
011303 optical instruments																C	optical instruments
011304 watch products																v	watch products
011402 electrical appliance																e	electrical appliance
011503 railway vehicle products																r	railway vehicle products
011601 electric utility service																e	electric utility service
011602 city gas service																c	city gas service
011603 city water service																c	city water service
011609 other electric/gas/water service																	other electric/gas/water service
011701 auto mobile servicing																a	auto mobile servicing
011703 cleaning																c	cleaning
011704 tobacco products																t	obacco products
020101 general coal mining																g	general coal mining
020109 other coal mining																C	other coal mining
020201 quarrying																C	quarrying
020202 gravel digging																g	gravel digging
020209 other quarrying																C	other quarrying
020301 metal mining																r	metal mining
020302 petroleum mining																r	petroleum mining
020309 other mining																C	other mining
030101 hydroelectric plant construction work																	nydroelectric plant construction work
030102 tunnel construction work																t	unnel 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
030109 land consolidation civil																land consolidation civil
engineering work							\sqsubseteq									engineering work
030111 port/seaside construction work																port/seaside construction work
030301 electricity/telecommunication work																electricity/telecommunication work
1: / / //															$\overline{}$	machinery/apparatus setting
machinery/apparatus setting work																work
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																bus service
040209 other passenger transport service																other passenger transport
cargo/ light automobile																cargo/ light automobile
					\vdash		\sqsubseteq									transportation service
040309 other land cargo transportation service																other land cargo transportation service
040409 other transportation service																other transportation service
general harbor transportation service																general harbor transportation service
050202 port cargo handling service							$\overline{\Box}$		j	i						port cargo handling service
050209 other harbor transportation service																other harbor transportation service
070201 fishery														==	=	fishery
070209 other fishery							\vdash							$\overline{}$	=	other fishery
080202 auto mobile retail							\vdash								=	auto mobile retail
080204 fuel retail					\vdash										=	fuel retail
080205 newspaper retail					$\vdash\vdash$		\vdash							=		
080301 haircut					\vdash		\vdash								=	newspaper retail haircut
080302 beauty salon					\vdash		$\vdash \vdash$									beauty salon
080401 warehousing					\vdash		$\vdash \vdash$								=	warehousing
090101 banking/trust business				\sqsubseteq	\vdash		$\vdash \vdash$					_		_		banking/trust business
090102 stock/commodity trade business																stock/commodity trade business
090103 insurance business																insurance business
090109 other financial business																other financial business
090201 traveling service																traveling service

090209 other adver	tisement and																							other advertisement and mediator
movie prod delivery se	luction and rvice																							movie production and delivery service
100102 movie thea	tre																							movie theatre
110101 telecommu	nication service																							telecommunication service
120102 software se	ervice																							software service
130102 general clin	nic																							general clinic
130109 other medic	cal treatment																							other medical treatment service
130301 bathhouse																								bathhouse
other health service	h and hygiene																							other health and hygiene service
140101 hotel																								hotel
140201 general res	taurant																							general restaurant
140209 other restau	urants																							other restaurants
140302 park and ar	musement park																							park and amusement park
150101 building m	aintenance service																							building maintenance service
150104 cremation s	service																							cremation service
150105 livestock p	rocess service																							livestock process service
160101 public office	ce																							public office
170101 dispatch se	rvice																							dispatch service
170201 security ser	rvice																							security service
information service	n processing																							information processing service
total			235	189	163	118	141	113	104	78	96	79	81	78	69	61	58	59	41	60	49	50	1,922	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