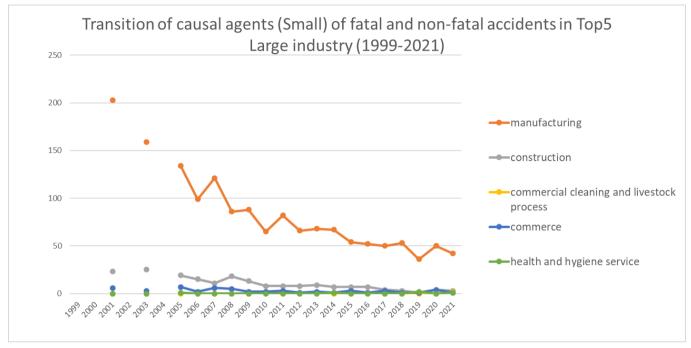
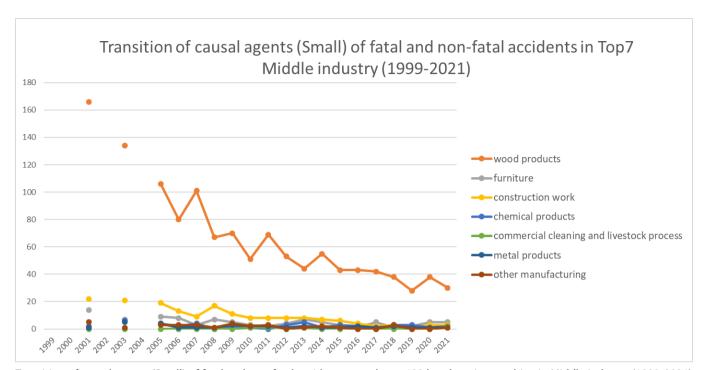
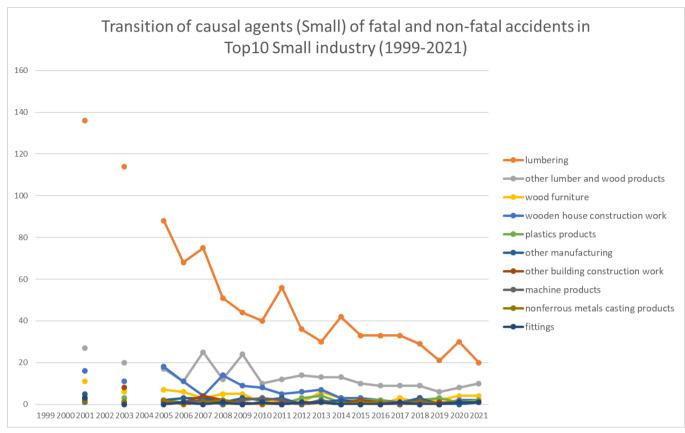
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Small Industry (1999-2021)

## Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine 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
01	manufacturing			203		159		134	99	121	86	88	65	82	66	68	67	54	52	50	53	36	50	42	1,575	manufacturing
03	construction			23		25		19	15	11	18	13	8	8	8	9	7	7	7	4	3	1	4	3	193	construction
15	commercial cleaning and												1	1	1	1								2	6	commercial cleaning and
	livestock process												1	ı												livestock process
08	commerce			6		3		7	2	6	5	2	2	3	1	2	1	3	1	3	1	1	4	1	54	commerce
13	health and hygiene service							1									1					2		1	5	health and hygiene service
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
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																						financial
09	business/advertisement																						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	1,872	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine in Middle industry (1999-2021)

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
0104	wood products			166		134		106	80	101	67	70	51	69	53	44	55	43	43	42	38	28	38	30	1,258	wood products
0105	furniture			14		7		9	8	3	7	5	3	2	4	7	5	3	1	5	1	2	5	5	96	furniture
0302	construction work			22		21		19	13	9	17	11	8	8	8	8	7	6	4	2	3	1	3	3	173	construction work
0108	chemical products			2		6		4	2	4		1	1		3	5	1	3	2		3	3	1	2	43	chemical products
1501	commercial cleaning and livestock												1	1	1	1								2	6	commercial cleaning
	process												•			•										and livestock process
0112	metal products			1		5		4	1	1	1	3	2	2	1	2	1	1	2	1	2	1	1	1	33	metal products
0117	other manufacturing			5		1		3	3	3	1	4	2	3		1	2	1			3			1	33	other manufacturing
0802	retail			3		2		2	1	3	1	1		2	1	2	1	2	1	1			3	1	27	retail
0113	machine products			1		1		1	1	3	1	3	3	2		2			1		2		1	1	23	machine products

0111	nonferrous metal making	2	2	1	2		1	2			1	1	1	1	2	1	1	2		1	1	20	nonferrous metal making
0109	sand and stone products	1	I							2								1			1	5	sand and stone products
1301	medical treatment service																		1		1	2	medical treatment service
0101	food products	6	5	1	3	2	2	3	1			2	3				1	1	1	2		28	food products
0801	wholesale	3	3	1	5	1	3	3	1	2	1				1		2		1	1		25	wholesale
0115	transport equipment products	4	1		1	1	3	2	1	1		2	1	2	1	2						21	transport equipment products
0303	other construction works			2		2	2		1						1	3	1					12	other construction works
1702	others				1			1		2				1	1	1		1		1		9	others
0114	electrical equipment products	1	I	1	1	1		1					1						1	1		8	electrical equipment
0301	civil engineering work	1	I	2				1	1				1				1			1		8	civil engineering work
0602	forestry	1	I	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	I	1			2	1							1							6	land cargo handling service
0106	pulp/paper processing products			1							2											3	pulp/paper processing products
1201	education/research service	1	I		1							1										3	education/research service
1302	social welfare facility				1									1					1			3	social welfare facility
0103	fiber products			1									1									2	fiber products

0110	steel making					1		1							2	steel making
0601	agriculture							1	1						2	agriculture
0804	other commerce					1							1		2	other commerce
1403	other amusement service										1			1	2	other amusement service
0701	livestock											1			1	livestock
1001	movie/play service										1				1	movie/play service
0102	textile products															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
1101	telecommunication service																						service
1303	other health and hygiene service																						other health and
1303	other neath and hygiene service																						hygiene service
1401	hotel																						hotel
1402	restaurant																						restaurant
1601	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	1,872	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 132 band sawing machine 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
010401	lumbering			136		114		88	68	75	51	44	40	56	36	30	42	33	33	33	29	21	30	20	979	lumbering
010409	other lumber and wood products			27		20		17	11	25	12	24	10	12	14	13	13	10	9	9	9	6	8	10	259	other lumber and wood products
010501	wood furniture			11		6		7	6	3	5	5	1	2	1	6	3	2		3	1	2	4	4	72	wood furniture
030202	wooden house construction work			16		11		18	11	4	14	9	8	5	6	7	3	3	2	1	3		2	2	125	wooden house construction work
010805	plastics products			1		3		2	1	2			1		3	4	1	2	2		2	3	1	2	30	plastics products
011709	other manufacturing			5		1		2	3	3	1	3	2	3		1	2	1			3			1	31	other manufacturing
030209	other building construction work			3		8		1	1	4	2	1		1		1		2	1			1	1	1	28	other building construction work
011301	machine products			1		1		1	1	2		2	3	2		2			1		2		1	1	20	machine products
011102	nonferrous metals casting products			2		1		2		1	2				1	1		1	1	1	1		1	1	16	nonferrous metals casting products

010503	fittings		3			1		1		1		1	1				1			1	1	11	fittings
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
080203	furniture/fittings retail																			1	1	2	furniture/fittings retail
130101	hospital																		1		1	2	hospital
011203	metal press products																				1	1	metal press products
150109	other cleaning and livestock process service																				1	1	other cleaning and livestock process service
011209	other metal products		1	5	4	1	1	1	3	2	2	1	2	1	1	2	1	2	1	1		32	other metal products
080209	other retails		2	2	2	1	3	1	1		2	1	2	1	2	1	1			2		24	other retails
080109	other wholesale		3	1	2	1	3	2	1	2	1				1		2		1	1		21	other wholesale
010402	plywood		3		1	1	1	4	2	1	1	3	1			1			1			20	plywood
010102	fishery products		4	1	3	2	2	1				2	1				1		1	1		19	fishery products
030201	steel frame/reinforced concrete house construction work		2	2		1	1	1	1		1	1		4	1	1							steel frame/reinforced concrete house construction work
010509	other furniture			1	2	1		1		1		2		2	1	1	1					13	other furniture
030309	other construction works			2		2	2		1						1	3	1					12	other construction works
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					2	1	1				1		1								6	general truck transportation

	service																					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
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
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
П						11	11									1						

011702	machine repair				1			1								2	machine repair
030106	road construction work						1				1					2	road construction work
030110	water supply/sewage			1									1			2	water supply/sewage
030110	construction work												<u> </u>				construction work
060101	agriculture								1	1						2	agriculture
080409	other commerce						1							1		2	other commerce
120109	other education/research service				1					1						2	other education/research service
010103	agricultural food products										1					1	agricultural food products
010609	other pulp/paper processing products								1							1	other pulp/paper processing products
011101	nonferrous metals/rolling products													1		1	nonferrous metals/rolling 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
010104	bread/cake products																bread/cake products
010105	alcoholic drinks																alcoholic drinks
010106	soft drinks																soft drinks
010201	silk-reeling																silk-reeling

010202 cotton-s	pinning										cotton-spinning
010203 weaving											weaving
010204 dyeing											dyeing
010209 other tex	ctile products										other textile products
010301 over/und	ler wear										over/under wear
010502 metal fu	rniture										metal furniture
010601 pulp/pap	per										pulp/paper
010701 printing	service										printing service
010702 bookbine	ding										bookbinding
other pri	nting and										other printing and
bookbine	ding										bookbinding
010802 chemical	fiber										chemical fiber
010803 pharmac	euticals										pharmaceuticals
010804 petroleu	m/coal products										petroleum/coal products
010807 leather p	products										leather products
010808 painting	products										painting products
010809 chemical	fertilizer products										chemical fertilizer products
010902 glass pro	oducts										glass products
010903 pottery p	products										pottery products
010904 fire resis	ting products										fire resisting products
010905 other cei	ramic products										other ceramic products
011001 steel/iro	n/rolling products										steel/iron/rolling products
011009 other ste	el products										other steel products
western 011201	tableware/cutting										western tableware/cutting
tool prod	ducts										tool products
011202 screw pr	oducts										screw products

011204 metal plating products											metal plating products
011302 measuring instruments											measuring instruments
011303 optical instruments											optical instruments
011304 watch products											watch products
011402 electrical appliance											electrical appliance
011503 railway vehicle products											railway vehicle products
011601 electric utility service											electric utility service
011602 city gas service											city gas 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
011703 cleaning											cleaning
011704 tobacco products											tobacco products
020101 general coal mining											general coal mining
020109 other coal mining											other coal mining
020201 quarrying											quarrying
020202 gravel digging											gravel digging
020209 other quarrying											other quarrying
020301 metal mining											metal mining
020302 petroleum mining											petroleum mining
020309 other mining											other mining
hydroelectric plant											hydroelectric plant
construction work											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												sand collapse prevention civil
	engineering work												engineering work
030109	land consolidation civil												land consolidation civil
	engineering work												engineering work
030111	port/seaside construction												port/seaside construction
	work								<u> </u>				work
030301	electricity/telecommunication												electricity/telecommunication
	work												work
030302	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												other passenger transport
040209	service												service
040303	cargo/ light automobile												cargo/ light automobile
0 10303	transportation service												transportation service
040309	other land cargo												other land cargo
	transportation service												transportation service
040409	other transportation service												other transportation service
050201	general harbor transportation												general harbor transportation
030201	service												service

050202	port cargo handling service													port cargo handling service
050209	other harbor transportation service													other harbor transportation service
070201	fishery													fishery
070209	other fishery													other fishery
080202	auto mobile retail													auto mobile retail
080204	fuel retail													fuel retail
080205	newspaper retail													newspaper retail
080301	haircut													haircut
080302	beauty salon													beauty salon
080401	warehousing													warehousing
090101	banking/trust business													banking/trust business
090102	stock/commodity trade business													stock/commodity trade business
090103	insurance business		İ											insurance business
090109	other financial business													other financial business
090201	traveling service													traveling service
090209	other advertisement and mediator													other advertisement and mediator
100101	movie production and delivery service													movie production and delivery service
100102	movie theatre													movie theatre
110101	telecommunication service													telecommunication service
120102	software service													software service
130102	general clinic													general clinic
130109	other medical treatment service													other medical treatment service

130301	bathhouse																						bathhouse
130309	other health and hygiene																						other health and hygiene
130309	service																						service
140101	hotel																						hotel
140201	general restaurant																						general restaurant
140209	other restaurants																						other restaurants
140302	park and amusement park																						park and amusement park
150101	building maintenance service																						building maintenance service
150104	cremation service																						cremation service
150105	livestock process service																						livestock process service
160101	public office																						public office
170101	dispatch service																						dispatch service
170201	security service																						security service
170202	information processing																						information processing
III.	service																						service
	total		235	189	163	118	141	113	104	78	96	79	81	78	69	61	58	59	41	60	49	1,872	total

Data source: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm (MHLW, Japan)

https://www.jisha.or.jp/english/statistics/202212 03.html