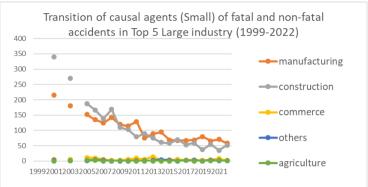
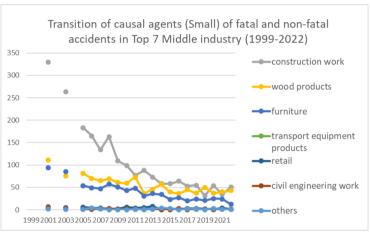
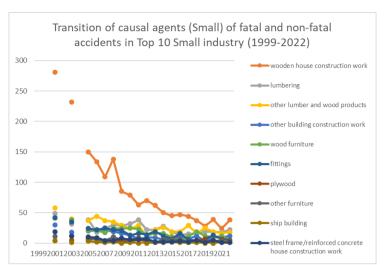
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer machine (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer machine in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer machine in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer machine in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer machine in Large industry (1999-2022)

Trans	tion 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			216		180		152	135	125	142	120	114	129	75	89	95	69	67	67	69	80	66	71	58	2,119	manufacturing
03	construction			340		270		188	167	139	169	110	103	79	90	75	61	58	70	53	59	37	55	35	52	2,210	construction
08	commerce			5		5		11	10	6	2	2	6	9	6	14	3	4	5	3	4	2	4	8	2	111	commerce
17	others			2		1		1	4	2				1	1	2	4	3		2	2		3	1	1	30	others
06	agriculture					1		3	3			1								3			1	2	1	15	agriculture
10	movie/play service					1			1						1										1	4	movie/play service
07	livestock/fishery									2															1	3	livestock/fishery
14	hotel/restaurant/amusement service			2		3		3	1		4	1	3		1			3			2		1			24	hotel/restaurant/amusement service
13	health and hygiene service			3					1	1	4	1			2	2		1	1		1	1				18	health and hygiene service
12	education/research service			5		1		1	1	1	2		1			2								3		17	education/research service
15	commercial cleaning and livestock process			1				1	1		1	1	1								1		1			8	commercial cleaning and livestock process
04	transportation service											2		1	1							1		1		6	transportation service
16	public office			1									1													2	public office
05	cargo handling service														1											1	cargo handling service
09	financial business/advertisement										1															1	financial business/advertisement
02	mining																										mining
11	telecommunication service																										telecommunication service
	total			575		462		360	324	276	325	238	229	219	178	184	163	138	143	128	138	121	131	121	116	4,569	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer machine in Middle industry (1999-2022)

code Middle industry	1999	2000 200	1 2002 2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Middle industry
0302 construction work		330	263		183	165	134	163	109	99	77	88	73	58	58	64	53	55	32	54	34	51	2,143	construction work

0104	wood products	11	11	76	81	70	65	69	61	59	73	36	46	57	40	36	45	37	50	37	40	43	1,132	wood products
0105	furniture	94	1	85	54	49	47	57	51	43	48	31	36	34	23	27		24	21	25	24	12	805	furniture
0115	transport equipment products	5		4	4	3	2	2	1	3	1		1	1	2	1	1	1	1		2	2	37	transport equipment products
0802	retail	3		5	6	4	4	1	2	6	4	5	8		2	1	3	3	2	1	4	1	65	retail
0301	civil engineering work	7		3	1	1	2	3	1	2	1	1	2	1		3		2	1	1	1	1	34	civil engineering work
1702	others	2		1	1	4	2				1	1	2	4	3		2	2		3	1	1	30	others
0109	sand and stone products	1		1				1		1	1				1						1	1	8	sand and stone products
0804	other commerce				1		1				1		1			3						1	8	other commerce
0601	agriculture				1												2			1		1	5	agriculture
1001	movie/play service			1		1						1										1	4	movie/play service
0702	fishery																					1	1	fishery
0117	other manufacturing	1		7	4	7	3	8	3	3	2	3	3	1	2		1	3	3		2		56	other manufacturing
0801	wholesale	2			4	6	1	1			4	1	5	3	2	1		1		3	4		38	wholesale
0108	chemical products	3		4	3	2	4	2	2		3	3	3	2		1			2				34	chemical products
0303	other construction works	3		4	4	1	3	3		2	1	1		2		3		2	4				33	other construction works
1201	education/research service	5		1	1	1	1	2		1			2								3		17	education/research service
1302	social welfare facility	2					1	4	1			2	2		1	1		1	1				16	social welfare facility
0113	machine products				4	2	1	2		2		1							1		1		14	machine products
0101	food products	1					1		1	1						2		3	1	1			11	food products
0112	metal products			2	1	1	1	1	1	1	1							1		1			11	metal products
1403	other amusement service	1		3	1			1	1			1			1			1		1			11	other amusement service
0602	forestry			1	2	3			1								1				2		10	forestry
1501	commercial cleaning and livestock process	1			1	1		1	1	1								1		1			8	commercial cleaning and livestock process
1401	hotel				2	1		2							1			1					7	hotel
1402	restaurant	1						1		3					1								6	restaurant
0403	road cargo transportation service								2		1								1					road cargo transportation service
0110	steel making				1					1					1								3	steel making
0111	nonferrous metal making			1			1													1				nonferrous metal making
0107	printing/bookbinding																		1	1			2	printing/bookbinding
0701	livestock						2																2	livestock
1301	medical treatment service	1				1																	2	medical treatment service
1601	public office	1								1													2	public office
0103	fiber products					1																	1	fiber products
0106	pulp/paper processing products																				1		1	pulp/paper processing products

0114	electrical equipment products											1											1	electrical equipment products
0401	railroad/water transportation/airline service											1												railroad/water transportation/airline service
0402	road passenger transport service																				1			road passenger transport service
0501	land cargo handling service											1											1	land cargo handling service
0902	advertisement and mediator							1																advertisement and mediator
0102	textile products																							textile products
0116	electric/gas/water service																							electric/gas/water service
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
0803	haircut/beauty salon																							haircut/beauty salon
0901	financial business																							financial business
1101	telecommunication service																						1	telecommunication service
1303	other health and hygiene service																						l 1	other health and hygiene service
1701	dispatch service																							dispatch service
	total		575	462	360	324	276	325	238	229	219	178	184	163	138	143	128	138	121	131	121	116	4,569	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 133 wood planer machine in Small industry (1999-2022)

	G 11 1	1000	2000	2001	2002	2002	2004	2005	2006	2007	2000	2000	2010	2011	2012	2012	2014	2015	2016	2017	2010	2010	2020	2021	2022	J 1	G 11 : 1 .
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
030202	wooden house construction work			281		232		150	134	109	138	85	79	63	70	62	50	45	47	44	37	28	39	24	38	III / > >	wooden house construction work
010401	lumbering			49		31		38	18	24	30	29	32	38	22	22	28	18	14	15	16	19	18	18	22	501	lumbering
010409	other lumber and wood products			58		40		37	44	37	35	29	24	29	11	22	26	19	19	29	16	25	19	16	18	553	other lumber and wood products
030209	other building construction work			30		18		20	21	21	19	16	13	7	9	9	6	10	10	7	12	3	10	9	12	262	other building construction work
	wood furniture			41		38		21	21	17	25	24	25	23	13	16	16	10	4	11	19	12	9	12	5	362	wood furniture
010503	fittings			42		35		24	22	25	22	21	13	16	14	19	12	7	16	6	4	7	13	7	5	330	fittings
010402	plywood			4		5		6	8	4	4	3	3	6	3	2	3	3	3	1	5	6		6	3	78	plywood
010509	other furniture			11		12		9	6	4	10	6	5	9	4	1	6	6	6	3	1	2	3	5	2	111	other furniture
011501	ship building			4		1		3	2	1	2		1			1	1	2	1	1	1			2	2	25	ship building
	steel frame/reinforced																										steel frame/reinforced

030201 concrete house construction work	19	12	10	9	4	4	8	6	6	7	2	2	2	3	2	5	1	5	1	1	109	concrete house construction work
080209 other retails	2	2	5	3	4	1	1	5	4	4	6		2	1	3	1	1	1	3	1	50	other retails
170209 others	2	1	1	4	2				1	1	2	4	3		2	2		3	1	1	30	others
030199 other civil engineering work	4	1	1		2	2	1	1	1	Ī	1	1		2		2		1		1	21	other civil engineering work
060101 agriculture			1												2			1		1	5	agriculture
100109 other movie/play service		1								1										1	3	other movie/play service
010905 other ceramic products								1												1	2	other ceramic products
070209 other fishery																				1	1	other fishery
080401 warehousing																				1	1	warehousing
011709 other manufacturing	1	5	3	7	2	7	3	2	1	2	3		1			2	3		2		44	other manufacturing
010805 plastics products	3	3	3	1	4	2	2		3	3	3	1		1			2				31	plastics products
080109 other wholesale	1		3	5	1	1			4		4	3	2	1		1		3	1		30	other wholesale
030309 other construction works	2	2	4	1	3	3		2		1		2		3		1	4				28	other construction works
030203 building facility construction work		1	3	1		2		1	1	2			1	4		1					17	building facility construction work
other education/research service	5	1	1	1	1	2		1			2								3		17	other education/research service
130201 social welfare facility	2				1	4	1			2	2		1	1		1	1				16	social welfare facility
011301 machine products			3	2	1	2		2		1							1		1		13	machine products
011209 other metal products		2	1	1	1	1	1	1	1							1		1			11	other metal products
011701 auto mobile servicing		1	1		1	1		1	1	1		1			1						9	auto mobile servicing
060209 other forestry		1	2	2			1								1				1		8	other forestry
080201 all kinds of retail	1	1					1				2					1			1		7	all kinds of retail
080203 furniture/fittings retail		2		1				1		1						1	1				7	furniture/fittings retail
080409 other commerce			1		1				1		1			3							7	other commerce
140101 hotel			2	1		2							1			1					7	hotel
140301 golf course	1	2	1			1	1									1					7	golf course
011502 auto mobile products		1	1	1			1	1									1				6	auto mobile products
140201 general restaurant	1					1		3					1								6	general restaurant
150101 building maintenance service	1		1				1	1								1		1			6	building maintenance service
010105 alcoholic drinks							1							1		2		1			5	alcoholic drinks
010109 other foods					1			1						1		1					4	other foods
010901 cement products		1				1			1										1		4	cement products
011509 other transport equipment products	1	2						1													4	other transport equipment products
030106 road construction work	1	1									1								1		4	road construction work
040301 general truck transportation service							2		1								1				4	general truck transportation service
080101 all kinds of wholesale			1	1						1									1		4	all kinds of wholesale
080102 furniture/fittings wholesale	1										1								2		4	furniture/fittings wholesale
140302 park and amusement park		1								1			1					1			4	park and amusement park
011702 machine repair		1											1			1					3	machine repair

030109 land consolidation civil engineering work			1										1		1			3	land consolidation civil engineering work
030302 machinery/apparatus setting work		1	1						1									3	machinery/apparatus setting work
010502 metal furniture						1							1					2	metal furniture
011002 casting products				1				1										2	casting products
011102 nonferrous metals casting products						1										1		2	nonferrous metals casting products
011503 railway vehicle products						1			1									2	railway vehicle products
030105 bridge construction work		1						1										2	bridge construction work
030110 water supply/sewage construction work		1					1											2	water supply/sewage construction work
030301 electricity/telecommunication work			1											1				2	electricity/telecommunication work
060201 lumbering					1												1	2	lumbering
070101 livestock						2												2	livestock
130101 hospital		1			1													2	hospital
160101 public office		1						1										2	public office
010101 meat/dairy products															1			1	meat/dairy products
010102 fishery products		1																1	fishery products
010309 other fiber products					1													1	other fiber products
010601 pulp/paper																	1	1	pulp/paper
010701 printing service															1			1	printing service
010709 other printing and bookbinding																1		1	other printing and bookbinding
010801 non organic or organic chemical products											1							1	non organic or organic chemical products
010809 chemical fertilizer products					1													1	chemical fertilizer products
010899 other chemical products			1															1	other chemical products
010902 glass products		1																1	glass products
010909 other sand and stone products												1						1	other sand and stone products
011009 other steel products												1						1	other steel products
011109 other nonferrous metal products			1															1	other nonferrous metal products
011305 other precision machine products				1														1	other precision machine products
011409 other electrical equipment										1								1	other electrical equipment
030101 hydroelectric plant construction work					1													1	hydroelectric plant construction work
030102 tunnel construction work										1								1	tunnel construction work
040102 water transportation service										1								1	water transportation service
040202 bus service																	1	1	bus service
050101 land cargo handling service										1								1	land cargo handling service
080202 auto mobile retail				1														1	auto mobile retail

090209 other advertisement and mediator						1								1	other advertisement and mediator
movie production and delivery service				1										1	movie production and delivery service
industrial waste management service				1										1	industrial waste management service
150104 cremation service						1								1	cremation service
010103 agricultural food products															agricultural food products
010104 bread/cake products															bread/cake products
010106 soft drinks															soft drinks
010201 silk-reeling															silk-reeling
010202 cotton-spinning															cotton-spinning
010203 weaving															weaving
010204 dyeing															dyeing
010209 other textile products															other textile products
010301 over/under wear															over/under wear
010602 paper processing products															paper processing products
010609 other pulp/paper processing products															other pulp/paper processing products
010702 bookbinding			i		İ										bookbinding
010802 chemical fiber			i												chemical fiber
010803 pharmaceuticals			i	İ					i						pharmaceuticals
010804 petroleum/coal products			ī		İ						İ				petroleum/coal products
010806 rubber products			i												rubber products
010807 leather products			Ī												leather products
010808 painting products			i	İ					i						painting products
010903 pottery products			i	İ	Ï										pottery products
010904 fire resisting products			i												fire resisting products
011001 steel/iron/rolling products															steel/iron/rolling products
011101 nonferrous metals/rolling products															nonferrous metals/rolling 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
011302 measuring instruments															measuring instruments
011303 optical instruments															optical instruments
011304 watch products															watch products
011401 heavy electrical equipment															heavy electrical equipment
011402 electrical appliance															electrical appliance
electronics equipment and telecommunications apparatus															electronics equipment and telecommunications apparatus

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
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													ĺ						gravel digging
020209 other quarrying																			other quarrying
020301 metal mining																			metal mining
020302 petroleum mining																			petroleum mining
020309 other mining													ĺ						other mining
030103 subway construction work													i						subway construction work
030104 railway construction work												ĺ							railway construction work
030107 river civil engineering work							j			i		i	j						river civil engineering work
030108 sand collapse prevention civil engineering work																			sand collapse prevention civil engineering work
030111 port/seaside construction work																			port/seaside construction work
040101 railroad service	T,		ī	H					Ti-							٣	Ti-	\dashv	railroad service
040103 airline service			i	一															airline service
040201 taxi service			ī														T		taxi 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
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
070201 fishery							j			T		T i	j						fishery
080204 fuel retail				\Box	mi	T	i	T i	Ti	Ti	T	Ti	Ť			T			fuel retail
080205 newspaper retail	T					i	T		Ti			i				T			newspaper retail
080301 haircut	T		Ī			i			Ti					\equiv		T		一	haircut
080302 beauty salon	T		i	\Box														$\neg \vdash$	beauty salon
	Ti-		i													Ti-			

090101 banking/trust busine	ss																							banking/trust business
090102 stock/commodity tra	ıde																							stock/commodity trade business
090103 insurance business																								insurance business
090109 other financial busin	ess																							other financial business
090201 traveling service																								traveling service
100102 movie theatre																								movie theatre
110101 telecommunication s	service																							telecommunication service
120101 auto mobile practica	l training																							auto mobile practical training
120102 software service																								software service
130102 general clinic																								general clinic
130109 other medical treatment service	ent																							other medical treatment service
130301 bathhouse																								bathhouse
other health and hyg service	giene																							other health and hygiene service
140209 other restaurants																								other restaurants
140309 other amusement ser	vice																							other amusement service
150103 other waste disposal	service																							other waste disposal service
150105 livestock process ser	vice																							livestock process service
other cleaning and liprocess service	ivestock																							other cleaning and livestock process service
170101 dispatch service																								dispatch service
170201 security service																								security service
170202 information processi service	ng																							information processing service
total			575	462	360	324	276	325	238	229	219	178	184	163	138	143	128	138	121	131	121	116	4,569	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