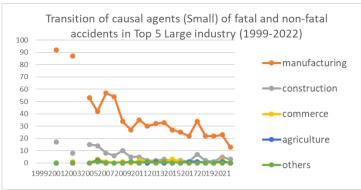
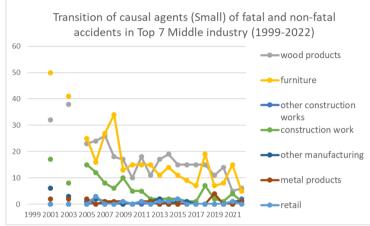
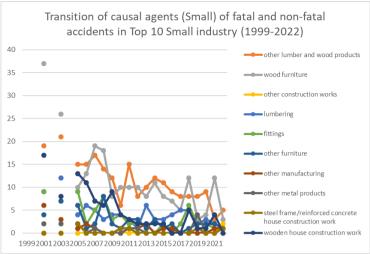
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 135 chamfering machine, router, woodworking milling machine (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 135 chamfering machine, router, woodworking milling machine in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 135 chamfering machine, router, woodworking milling machine in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 135 chamfering machine, router, woodworking milling machine in Small Industry (1999-2022)

code	Large industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2 2013	2014	4 2015	2016	2017	2018	8 2019	2020	0 2021	2022	total	Large industry
01	manufacturing			92		87		53	42	57	54	34	27	35	30	32	33	27	25	22	34	22	22	23	13	764	manufacturing
03	construction			17		8		15	14	8	6	10	5	5	2	2	3	2	2	1	7	2	1	5	3	118	construction
08	commerce					1			3	1		1		2	1	1	1	3	1		1			2		18	commerce
06	agriculture								2				1			1				1	1			1		7	agriculture
17	others								1				1		1		1									4	others
12	education/research service			1															1	1						3	education/research service
10	movie/play service																1									1	movie/play service
13	health and hygiene service																		1							1	health and hygiene service
14	hotel/restaurant/amusement service																					1					hotel/restaurant/amusement service
	commercial cleaning and livestock process																		1							1	commercial cleaning and livestock process
02	mining																										mining
04	transportation service																										transportation service
05	cargo handling service																										cargo handling service
07	livestock/fishery																										livestock/fishery
09	financial business/advertisement																										financial business/advertisement
11	telecommunication service																										telecommunication service
16	public office																										public office
	total			110		96		68	62	66	60	45	34	42	34	36	39	32	31	25	43	25	23	31	16	918	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 135 chamfering machine, router, woodworking milling machine in Middle industry (1999-2022)

code Middle industry	1999 200	0 2001 2002	2003 2004	2005 200	6 2007 20	08 2009	2010 2011	2012 20	13 2014	2015 2010	5 2017 2	2018 2019	2020 20	021 2022	Middle industry

0104 wood products		32	38				18														6		wood products
0105 furniture		50	41	25	16	27	34	13	15	15	15	11	14	11	9	7	19	7	8	15	5	357	furniture
0303 other construction works													1								2	3	other construction works
0302 construction work		17	8	15	12	8	6	10	5	5	2	2	2	2	1	1	7	2	1	4	1	111	construction work
0117 other manufacturing		6	3	1	2	1				1	1	2		1	1					1	1	21	other manufacturing
0112 metal products		2	2	2		1	1	1		1	1							4			1	16	metal products
0802 retail					3			1		1		1	1	2						1		10	retail
0801 wholesale			1			1				1				1	1		1			1		7	wholesale
0115 transport equipment products		1	1					2				2										6	transport equipment products
0602 forestry					2							1				1	1			1		6	forestry
0108 chemical products			1			1		1	1		1											5	chemical products
0113 machine products				1		1			1											2		5	machine products
0301 civil engineering work					2										1					1		4	civil engineering wor
1702 others					1				1		1		1									4	others
1201 education/research service		1													1	1						3	education/research service
0109 sand and stone products			1	1																		2	sand and stone products
0101 food products							1															1	food products
0106 pulp/paper processing products		1																				1	pulp/paper processing products
0111 nonferrous metal making											1											1	nonferrous metal making
0601 agriculture									1													1	agriculture
0804 other commerce											1											1	other commerce
1001 movie/play service													1									1	movie/play service
1302 social welfare facility															1							1	social welfare facility
1402 restaurant																		1				1	restaurant
1501 commercial cleaning and livestock process															1							1	commercial cleaning and livestock process
0102 textile products																							textile products
0103 fiber products																							fiber products
0107 printing/bookbinding																							printing/bookbinding
0110 steel making																							steel making
0114 electrical equipment products																							electrical equipment products
0116 electric/gas/water service																							electric/gas/water service
0201 coal mining																							coal mining
0202 quarrying																							quarrying
0203 other mining																							other mining
railroad/water transportation/airline																							railroad/water

0401	service																							transportation/airline service
0402	road passenger transport service																							road passenger transport service
0403	road cargo transportation service																							road cargo transportation service
0404	other transportation service																							other transportation service
0501	land cargo handling service																							land cargo handling service
0502	harbor transportation service																							harbor transportation service
0701	livestock																							livestock
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
1301	medical treatment service																							medical treatment service
1303	other health and hygiene service																							other health and hygiene service
1401	hotel																							hotel
1403	other amusement service																							other amusement service
1601	public office																							public office
1701	dispatch service																							dispatch service
	total		110	96	68	62	66	60	45	34	42	34	36	39	32	31	25	43	25	23	31	16	918	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 135 chamfering machine, router, woodworking milling machine in Small industry (1999-2022)

		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
010409	other lumber and wood products			19		21		15	15	17	14	12	6	15	8	10	12	11	9	8	8	8	9	3	5	11775	other lumber and wood products
010501	wood furniture			37		26		10	13	19	18	8	10	10	10	8	11	8	7	5	12	3	4	12	3	234	wood furniture
030309	other construction works																								2	2	other construction works
010401	lumbering			9		12		4	6	5	3	4	4	3	1	6	3	3	4	5	5	2	3	2	1	85	lumbering
010503	fittings			9		7		9	2	5	8	3	4	2	2	2		2		2	6	2	2	1	1	69	fittings
010509	other furniture			4		7		6	1	2	8	2	1	3	3	1	3	1	2		1	2	2	2	1	52	other furniture
011709	other manufacturing			6		3		1	2	1				1	1	2		1	1					1	1	21	other manufacturing
011209	other metal products			2		2		2		1				1	1							4			1	14	other metal products
030201	steel frame/reinforced concrete house construction work							2					1	1								1			1		steel frame/reinforced concrete house construction work

030202 wooden house construction work		17	8	13	11	7	6	9	4	3	2	2	2	2			5	1	1	4	97	wooden house construction work
010402 plywood		4	5	4	3	4	1	1			2	1	4	1	2	2	2	1	2		39	plywood
080109 other wholesale			1			1				1				1	1		1			1	7	other wholesale
030209 other building construction work						1		1		1					1	1	1				6	other building construction work
080209 other retails								1				1	1	2						1	6	other retails
010805 plastics products			1			1		1	1		1										5	plastics products
011301 machine products				1					1											2	4	machine products
170209 others					1				1		1		1								4	others
060201 lumbering					1											1	1				3	lumbering
060209 other forestry					1							1								1	3	other forestry
120109 other education/research service		1													1	1					3	other education/research service
010502 metal furniture			1			1															2	metal furniture
011502 auto mobile products		1						1													2	auto mobile products
011509 other transport equipment products			1					1													2	other transport equipment products
030203 building facility construction work					1												1				2	building facility construction work
080201 all kinds of retail					2																2	all kinds of retail
080203 furniture/fittings retail					1					1											2	furniture/fittings retail
010109 other foods							1														1	other foods
010602 paper processing products		1																			1	paper processing products
010903 pottery products				1																	1	pottery products
010909 other sand and stone products			1																		1	other sand and stone products
011109 other nonferrous metal products											1										1	other nonferrous metal products
011202 screw products								1													1	screw products
011203 metal press products							1														1	metal press products
011304 watch products						1															1	watch products
011501 ship building												1									1	ship building
011503 railway vehicle products												1									1	railway vehicle products
030104 railway construction work					1																1	railway construction work
030106 road construction work															1						1	road construction work
030107 river civil engineering work					1																1	river civil engineering work
030109 land consolidation civil engineering work																				1	1	land consolidation civil engineering work
030302 machinery/apparatus setting work													1								1	machinery/apparatus setting work
060101 agriculture									1												1	agriculture
080409 other commerce											1										1	other commerce
100101 movie production and													1								1	movie production and

delivery service																delivery service
30201 social welfare facility											1				1	social welfare facility
40201 general restaurant													1		1	general restaurant
50109 other cleaning and livestock process service											1				1	other cleaning and livestocl process service
10101 meat/dairy products																meat/dairy products
10102 fishery products																fishery products
10103 agricultural food products																agricultural food products
10104 bread/cake products																bread/cake products
10105 alcoholic drinks																alcoholic drinks
10106 soft drinks																soft drinks
10201 silk-reeling																silk-reeling
10202 cotton-spinning										ĺ						cotton-spinning
010203 weaving																weaving
10204 dyeing				i							i				1	dyeing
10209 other textile products																other textile products
10301 over/under wear											j					over/under wear
10309 other fiber products											j					other fiber products
10601 pulp/paper															1	pulp/paper
10609 other pulp/paper processing products																other pulp/paper processin products
10701 printing service											j					printing service
10702 bookbinding				i											1	bookbinding
10709 other printing and bookbinding																other printing and bookbinding
10801 non organic or organic chemical products																non organic or organic chemical products
10802 chemical fiber																chemical fiber
10803 pharmaceuticals																pharmaceuticals
10804 petroleum/coal products																petroleum/coal products
10806 rubber products																rubber products
10807 leather products																leather products
10808 painting products																painting products
10809 chemical fertilizer products																chemical fertilizer product
10899 other chemical products																other chemical products
10901 cement products											j	i —				cement products
10902 glass products										İ	j	j				glass products
10904 fire resisting products											j	i —				fire resisting products
10905 other ceramic products											i	i			1	other ceramic products
11001 steel/iron/rolling products				i							i	i				steel/iron/rolling products
11002 casting products				i							i	i				casting products
11009 other steel products				i							i	i				other steel products
nonferrous metals/rolling	H			i	H		\square					¦-				nonferrous metals/rolling

011101	products													products
11102	nonferrous metals casting products													nonferrous metals casting products
11201	western tableware/cutting tool products													western tableware/cutting tool products
	metal plating products													metal plating products
11302	measuring instruments													measuring instruments
1303	optical instruments													optical instruments
1305	other precision machine products													other precision machine products
11401	heavy electrical equipment													heavy electrical equipment
11402	electrical appliance													electrical appliance
11403	electronics equipment and telecommunications apparatus													electronics equipment and telecommunications apparatus
11409	other electrical equipment													other electrical equipment
1601	electric utility service													electric utility service
1602	city gas service													city gas service
1603	city water service													city water service
1609	other electric/gas/water service													other electric/gas/water service
11701	auto mobile servicing													auto mobile servicing
11702	machine repair													machine repair
1703	cleaning													cleaning
11704	tobacco products													tobacco products
20101	general coal mining													general coal mining
20109	other coal mining													other coal mining
20201	quarrying													quarrying
20202	gravel digging					i								gravel digging
20209	other quarrying													other quarrying
	metal mining					i								metal mining
20302	petroleum mining													petroleum mining
	other mining													other mining
	hydroelectric plant construction work													hydroelectric plant construction work
30102	tunnel construction work													tunnel construction work
30103	subway construction work													subway construction work
30105	bridge construction work					i								bridge construction work
30108	sand collapse prevention civil engineering work													sand collapse prevention civil engineering work
30110	water supply/sewage construction work													water supply/sewage construction work
	port/seaside construction work													port/seaside construction work

030199 other civil engineering work												other civil engineering work
030301 electricity/telecommunication work												electricity/telecommunication 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 service
040301 general truck transportation service												general truck transportation 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
050209 other harbor transportation service												other harbor transportation service
070101 livestock												livestock
070201 fishery												fishery
070209 other fishery												other fishery
080101 all kinds of wholesale												all kinds of wholesale
080102 furniture/fittings wholesale												furniture/fittings wholesale
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												insurance business
090109 other financial business												other financial business
090201 traveling service												traveling service
090209 other advertisement and mediator												other advertisement and mediator

100102 movie theatre																							movie theatre
100109 other movie/play service																							other movie/play service
110101 telecommunication service																							telecommunication service
120101 auto mobile practical training																							auto mobile practical training
120102 software service																							software service
130101 hospital																							hospital
130102 general clinic																							general clinic
130109 other medical treatment service																							other medical treatment service
130301 bathhouse																							bathhouse
130309 other health and hygiene service																							other health and hygiene service
140101 hotel																							hotel
140209 other restaurants																							other restaurants
140301 golf course																							golf course
140302 park and amusement park																							park and amusement park
140309 other amusement service																							other amusement service
150101 building maintenance service																							building maintenance service
150102 industrial waste management service																							industrial waste management service
150103 other waste disposal service																							other waste disposal 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 service																							information processing service
total		110	96	68	62	66	60	45	34	42	34	36	39	32	31	25	43	25	23	31	16	918	total

Data source : <u>https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html</u> (MHLW, Japan)

https://www.jisha.or.jp/english/statistics/202311_12.html