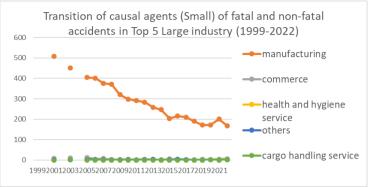
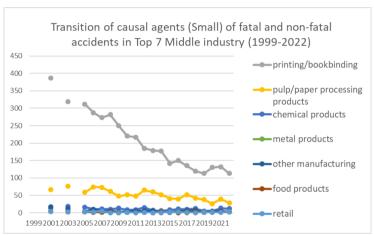
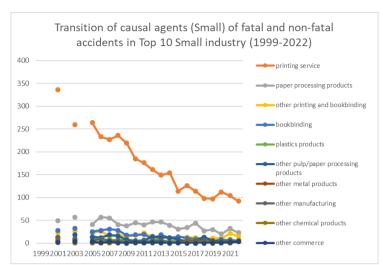
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 166 printing machine (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 166 printing machine in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 166 printing machine in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 166 printing machine in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 166 printing machine in Large industry (1999-2022)

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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			507		452		404	401	376	371	320	298	291	284	259	247	204	215	210	190	171	172	201	168	5,741	manufacturing
08	commerce			9		10		13	4	8	2	2	3	2	4	1	1	5	4	2	1	3	2	4	6	86	commerce
13	health and hygiene service					1		2															1		2	6	health and hygiene service
17	others			1		2		2	2	1	1	1	1		1	3		1	3	2			1		1	23	others
05	cargo handling service					1																	1		1	3	cargo handling service
12	education/research service									1										1					1	3	education/research service
04	transportation service			2					2	2	1											1	1	1		10	transportation service
03	construction					2		1		1	1			1	1								2			9	construction
15	commercial cleaning and livestock process			1						1		1		1			1		2							7	commercial cleaning and livestock process
09	financial business/advertisement			1		2							1					1								5	financial business/advertisement
14	hotel/restaurant/amusement service							1	1		1	1														4	hotel/restaurant/amusement service
11	telecommunication service							1				1	1													3	telecommunication service
06	agriculture																			1						1	agriculture
07	livestock/fishery																					1				1	livestock/fishery
02	mining																										mining
10	movie/play service																										movie/play service
16	public office																										public office
	total			521		470		424	410	390	377	326	304	295	290	263	249	211	224	216	191	176	180	206	179	5,902	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 166 printing machine in Middle industry (1999-2022)

code Middle industry	1999	2000	2001	2002 2003	3 2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Middle industry
0107 printing/bookbinding			387	319		312	287	273	282	250	220	217	185	179	177	142	150	135	120	113	130	132	113	4,123	printing/bookbinding

0106	pulp/paper processing products			67	76		59	74	73	61	48	52	48	65	60	52	41	40	52	42	38	26	40	28	1,042	pulp/paper processing
							<u></u>		<u> </u>			<u> </u>			<u> </u>			<u> </u>		<u> </u>	<u> </u>					products
	chemical products			14	19		16	10	11	10	13	8	9	15	7	6	8	11	10	12	5	5	13		214	chemical products
	metal products		Щ	5	6		2	3	1	2	1	1	1	4	2	2	1	5		1	3	2	2	4	48	metal products
	other manufacturing		Щ	17	12		4	10	5	5	3	3	5	6	6	1	1	4	6	7	1	3	5	3	107	other manufacturing
	food products			4	2		4	1	2	2	1	1	1	1	<u> </u>	2	2		3	3	1	1	3	3	37	food products
0802			Щ	4	3		4	3	5	<u> </u>	<u> </u>	1	_	1	<u> </u>	<u> </u>	2	2	1		1	1	1	3	32	retail
	other commerce		Щ	2	4		3	1	3	1	<u> </u>	2	1	2	1	<u> </u>	1		1	1	1	1	2	3	30	other commerce
0113	machine products		Щ	3	6			5	4	5	1	1	2	2	1	2	2	3		1	4	1		2	45	machine products
0114	electrical equipment products			6	2		1	4	2	1		5	6		2	2	1	1	1	3	1	3	1	2	44	electrical equipment products
1302	social welfare facility				1		2															1		2	6	social welfare facility
0104	wood products			1	2		1	3	2	1	1		1	1	1	1	2			1			1	1	20	wood products
1702	others				2		2	2	1	1	1	1			2			3	1			1		1	18	others
0501	land cargo handling service				1																	1		1	3	land cargo handling service
1201	education/research service								1										1					1	3	education/research service
0801	wholesale			3	3		6			1	2		1	1		1	2	2			1		1		24	wholesale
0102	textile products			1	4		2	2		1	1	2				1			3				2		19	textile products
0109	sand and stone products				4		1		1	1		4		2			2				2	1	1		19	sand and stone products
0115	transport equipment products			1			2	1	1		1		1	1		1	1	1			2		1		14	transport equipment products
0403	road cargo transportation service			2				2	2	1											1	1	1		10	road cargo transportation service
0303	other construction works				2		1		1	1			1	1								2			9	other construction works
	commercial cleaning and livestock process			1					1		1		1			1		2							7	commercial cleaning and livestock process
0103	fiber products								1			1		2	1		1								6	fiber products
1701	dispatch service			1										1	1		1		1						5	dispatch service
0902	advertisement and mediator			1	2																				3	advertisement and mediator
1101	telecommunication service						1				1	1													3	telecommunication service
0111	nonferrous metal making							1													1				2	nonferrous metal making
0901	financial business											1					1								2	financial business
1401	hotel									1	1														2	hotel
1402	restaurant						1	1																	2	restaurant
0110	steel making			1																					1	steel making
0601	agriculture																		1						1	agriculture
0701	livestock																				1				1	livestock
0105	furniture																									furniture
		$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$		-								_					_					1

0116	electric/gas/water service																							electric/gas/water service
0201	coal mining																							coal mining
0202	quarrying																							quarrying
0203	other mining																							other mining
0301	civil engineering work																							civil engineering work
0302	construction work																							construction work
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
0602	forestry																							forestry
0702	fishery																							fishery
0803	haircut/beauty salon																							haircut/beauty salon
1001	movie/play service																							movie/play service
1301	medical treatment service																							medical treatment service
1303	other health and hygiene service																							other health and hygiene service
1403	other amusement service																							other amusement service
1601	public office																							public office
	total		521	470	424	410	390	377	326	304	295	290	263	249	211	224	216	191	176	180	206	179	5,902	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 166 printing machine 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
010701	printing service			336		260		264	233	227	236	219	185	176	161	149	154	114	126	114	98	97	112	104	92	3,457	printing service
010602	paper processing products			49		57		41	57	55	41	38	45	40	46	46	39	31	34	44	27	30	20	32	23	795	paper processing products
010709	other printing and bookbinding			23		27		23	26	15	18	14	17	22	14	12	12	14	13	12	9	11	10	21	15		other printing and bookbinding
010702	bookbinding			28		32		25	28	31	28	17	18	19	10	18	11	14	11	9	13	5	8	7	6	338	bookbinding
	plastics products			8		10		11	6	8	7	9	5	7	12	6	5	5	6	7	8	3	4	8	5	140	plastics products
010609	other pulp/paper processing products			13		18		14	12	18	16	7	5	5	15	12	12	8	5	5	13	5	4	6	4		other pulp/paper processing products
011209	other metal products			5		6		1	2	1	2	1	1	1	4	2	2	1	5		1	3	1	1	4	44	other metal products
011709	other manufacturing			13		9		4	10	5	5	2	3	3	5	6	1	1	2	6	6	1	3	5	3	93	other manufacturing
010899	other chemical products			3		1		2	1	1	2	1	2	1	1	1	1	2	3	1	2		1	1	3	30	other chemical products
080409	other commerce			2		3		3	1	3	1		2	1	2	1		1				1	1	2	3	27	other commerce
080209	other retails			3		2		3	2	3			1		1			1	2	1		1	1		3	24	other retails

non organic or organic													1									non organic or organic
chemical products		1	1	2					1	1			1		2		1		1	3	14	chemical products
011301 machine products	2	3		5	2	3		1	2	2	1	2	2	3		1	3	1		2	35	machine products
social welfare facility		1	2															1		2	6	social welfare facility
010601 pulp/paper	5	1	4	5		4	3	2	3	4	2	1	2	1	3	2	3	2	2	1	50	pulp/paper
011403 electronics equipment and telecommunications apparatus	3		1	1				2	4			2			1	1	1	2		1	19	electronics equipment and telecommunications apparatus
010109 other foods	2	1	2	1				1		1		1	2		1	2	1		2	1	18	other foods
170209 others		2	2	1	1	1	1	1			2			3	1			1		1	17	others
010102 fishery products	1					1	1					1			1	1				1	7	fishery products
010402 plywood	1	2	1								1	1								1	7	plywood
011402 electrical appliance	2			1				1			1			1						1	7	electrical appliance
010809 chemical fertilizer products							1												2	1	4	chemical fertilizer products
010103 agricultural food products						1									1					1	3	agricultural food products
050101 land cargo handling service		1																1		1	3	land cargo handling service
other education/research service					1										1					1	3	other education/research service
080109 other wholesale	2	3	6			1	1			1		1	2	2			1		1		21	other wholesale
011409 other electrical equipment	1	2		2	1	1		2	2		1		1			2		1	1		17	other electrical equipment
010409 other lumber and wood products				3	2	1	1		1	1			2			1			1		13	other lumber and wood products
011502 auto mobile products	1		2	1	1		1		1					1			2		1		11	auto mobile products
010204 dyeing		2	1	2				1							3				1		10	dyeing
010209 other textile products	1	2	1			1	1	1				1							1		9	other textile products
010803 pharmaceuticals		1		1	1		1							2		1	1				8	pharmaceuticals
040301 general truck transportation service	2			2	1	1											1	1			8	general truck transportation service
011701 auto mobile servicing	2	1							2	1				1							7	auto mobile servicing
011702 machine repair	2	2					1							1		1					7	machine repair
010802 chemical fiber	1	2	2																1		6	chemical fiber
010902 glass products		1						1		1			1				1		1		6	glass products
010903 pottery products		2						1		1							1	1			6	pottery products
080205 newspaper retail	1	1	1	1	1														1		6	newspaper retail
010104 bread/cake products	1	1	1		1														1		5	bread/cake products
010309 other fiber products					1			1		2	1										5	other fiber products
010808 painting products	2	1				1		1													5	painting products
010909 other sand and stone products		1	1		1	1		1													5	other sand and stone products
011302 measuring instruments		2			1	1	1														5	measuring instruments
030309 other construction works		1	1		1				1									1			5	other construction works
150101 building maintenance service	1				1				1			1		1							5	building maintenance service
170101 dispatch service	1									1	1		1		1						5	dispatch service
other precision machine																						other precision machine

011305 products		1					1	1											1			4	products
030302 machinery/apparatus setting work			1					1				1								1		4	machinery/apparatus setting work
010101 meat/dairy products					1		1				1		$\Box$									3	meat/dairy products
010806 rubber products			2						1													3	rubber products
other transport equipment products												1		1	1							3	other transport equipment products
080101 all kinds of wholesale		1							1		1											3	all kinds of wholesale
080401 warehousing			1	İ													1	1		i		3	warehousing
090209 other advertisement and mediator		1	2																			3	other advertisement and mediator
110101 telecommunication service					1				1	1												3	telecommunication service
010804 petroleum/coal products			1				1															2	petroleum/coal products
010807 leather products												1						1				2	leather products
010901 cement products										1					1							2	cement products
011109 other nonferrous metal products						1													1			2	other nonferrous metal products
011203 metal press products						1															1	2	metal press products
011204 metal plating products					1															1		2	metal plating products
080201 all kinds of retail							1								1							2	all kinds of retail
090101 banking/trust business										1					1							2	banking/trust business
140101 hotel								1	1													2	hotel
010106 soft drinks																				1		1	soft drinks
010301 over/under wear															1							1	over/under wear
011001 steel/iron/rolling products		1																				1	steel/iron/rolling products
011303 optical instruments			1																			1	optical instruments
011401 heavy electrical equipment							1															1	heavy electrical equipment
040302 specific truck transportation service							1															1	specific truck transportation service
040309 other land cargo transportation service																					1	1	other land cargo transportation service
060101 agriculture																	1					1	agriculture
070101 livestock																			1			1	livestock
140201 general restaurant					1																	1	general restaurant
140209 other restaurants						1																1	other restaurants
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
information processing service						1																1	information processing service
010105 alcoholic drinks																							alcoholic drinks
010201 silk-reeling																							silk-reeling
010202 cotton-spinning																							cotton-spinning
010203 weaving																							weaving

010401 lumbering																	lumbering
010501 wood furniture	i		П						П				T			$\dashv \vdash$	wood furniture
010502 metal furniture			П			$\equiv$			П			T			<b>—</b>  -	$\dashv \vdash$	metal furniture
010503 fittings	i		П	一		一		一	П			Ti-			<b></b>  -	$\dashv \vdash$	fittings
010509 other furniture	i					$\Box$		$\Box$	П				Ti-			$\dashv \vdash$	other furniture
010904 fire resisting products			П						П				T			$\dashv$	fire resisting products
010905 other ceramic products	i					П			П				<u> </u>			$\dashv \vdash$	other ceramic products
011002 casting products	i					一			П				Ti-			$\dashv \vdash$	casting products
011009 other steel products	i								П				Ti-			$\dashv \vdash$	other steel products
011101 nonferrous metals/rolling products																	nonferrous metals/rolling products
011102 nonferrous metals casting products																	nonferrous metals casting products
western tableware/cutting tool products																	western tableware/cutting tool products
011202 screw products																	screw products
011304 watch products																	watch products
011501 ship building																	ship building
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
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
030101 hydroelectric plant construction work																	hydroelectric plant 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
030106 road construction work																	road construction work
030107 river civil engineering work	i								$\Box$		ij						river civil engineering work
030108 sand collapse prevention																	sand collapse prevention

	civil engineering work															civil engineering work
030109	land consolidation civil engineering work															land consolidation civil engineering work
030110	construction work															water supply/sewage construction work
030111	port/seaside construction work															port/seaside construction work
030199	other civil engineering work															other civil engineering work
030201	steel frame/reinforced concrete house construction work															steel frame/reinforced concrete house construction work
030202	wooden house construction work															wooden house construction work
030203	building facility construction work															building facility construction work
030209	other building construction work															other building construction 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
	bus service															bus service
	other passenger transport service															other passenger transport service
040303	cargo/ light automobile transportation service															cargo/ light automobile transportation service
040409	other transportation service															other transportation service
050201	general harbor transportation service															general harbor transportation service
	port cargo handling service															port cargo handling service
050209	other harbor transportation service															other harbor transportation service
060201	lumbering															lumbering
	other forestry															other forestry
070201	fishery															fishery
070209	other fishery															other fishery
080102	furniture/fittings wholesale															furniture/fittings wholesale
080202	auto mobile retail															auto mobile retail
080203	furniture/fittings retail															furniture/fittings retail
	fuel retail					$\Box$		П	$\Box$	Ti	i		Ti			fuel retail
080301	haircut					$\Box$		П	$\Box$	Ti	i		Ti			haircut
080302	beauty salon															beauty salon
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
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
130101 hospital																									hospital
130102 general clinic																									general clinic
other medical treatment service																									other medical treatment service
130301 bathhouse																									bathhouse
other health and hygiene service																									other health and hygiene service
[140301] golf course																									golf course
140302 park and amusement park																									park and amusement park
140309 other amusement service																									other amusement service
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
170201 security service																									security service
total		521		470		424	410	390	377	326	304	295	290	263	249	211	224	216	191	176	180	206	179	5,902	total

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

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