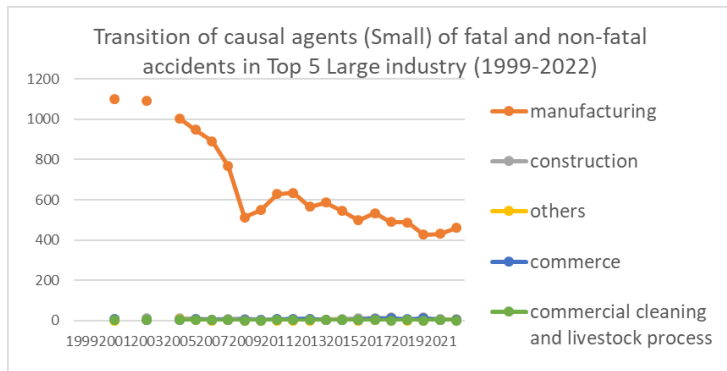
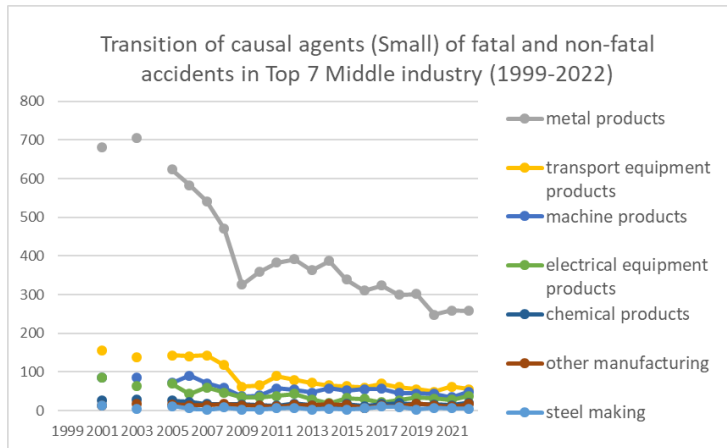


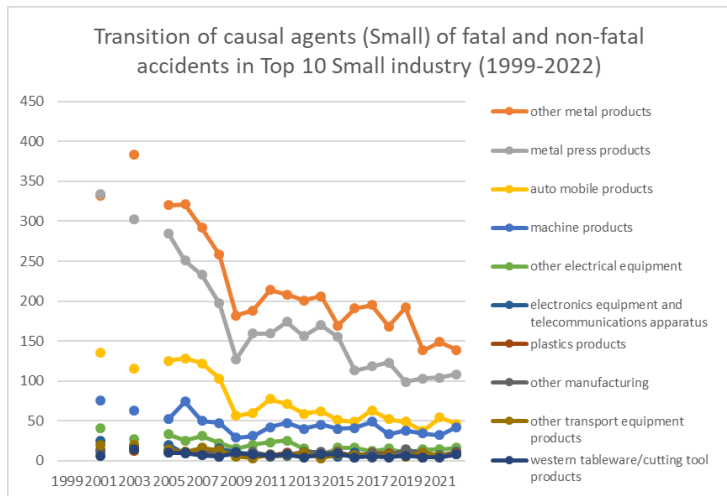
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Large industry (1999-2022)

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			1,100		1,092		1,005	948	890	768	512	549	629	634	565	587	545	498	533	490	488	426	430	460	13,149	manufacturing
03	construction			8		11		10	8	5	8	9	5	7	6	7	5	8	10	13	15	5	15	6	6	167	construction
17	others			1		4		6	4		2		1				2	4	1	2	7	1		4	4	43	others
08	commerce			6		5		3	7	4	3	5	3	7	8	8	3	3	5	8	10	7	10	4	3	112	commerce
15	commercial cleaning and livestock process			2		2		3	5	2	2	1		5	2	3	2	2	2	3	1	2	1	5	1	46	commercial cleaning and livestock process
04	transportation service			2		1		3	1		1			1		1	2	2	1		1			2	1	19	transportation service
13	health and hygiene service					1					1					1	1	1								5	health and hygiene service
05	cargo handling service									1			1		1	1										4	cargo handling service
12	education/research service									2																2	education/research service
02	mining																										mining
06	agriculture																										agriculture
07	livestock/fishery																										livestock/fishery
09	financial business/advertisement																										financial business/advertisement
10	movie/play service																										movie/play service
11	telecommunication service																										telecommunication service
14	hotel/restaurant/amusement service																										hotel/restaurant/amusement service
16	public office																										public office
	total			1,119		1,116		1,030	973	904	785	527	559	649	651	586	602	565	517	559	524	503	452	451	475	13,547	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Middle industry (1999-2022)

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	2022	total	Middle industry
0112	metal products			682		705		624	583	541	470	326	358	383	391	363	387	339	310	324	299	302	248	259	258	8,152	metal products
0115	transport equipment products			155		138		143	141	143	118	62	65	89	79	72	65	63	60	69	61	55	49	62	55	1,744	transport equipment products
0113	machine products			85		85		72	90	71	58	37	39	57	54	46	57	52	55	56	45	44	43	34	49	1,129	machine products
0114	electrical equipment products			86		63		70	43	60	47	34	34	38	43	29	19	32	30	21	27	33	31	28	38	806	electrical equipment products
0108	chemical products			27		29		26	22	17	16	16	14	13	18	14	12	17	11	17	19	17	16	14	20	355	chemical products
0117	other manufacturing			13		18		16	14	14	17	14	13	10	15	14	17	15	7	13	10	18	14	10	17	279	other manufacturing
0110	steel making			14		4		12	6	2	8	3	3	6	7	3	5	3	6	10	9	3	7	6	5	122	steel making
0111	nonferrous metal making			11		15		9	16	19	16	9	8	12	9	7	8	6	6	12	7	5	3	5	4	187	nonferrous metal making
0302	construction work			6		6		8	7	3	4	5	3	5	4	4	3	4	8	11	13	4	10	4	4	116	construction work
0105	furniture			2		9		9	13	4	7	1	2	5	6	4	3	4	3	6	2	4	6	3	4	97	furniture
1702	others					3		3	2		1						1	4		1	5			4	4	28	others
0109	sand and stone products			14		12		13	6	5	7	5	3	5	7	6	5	8	4	1	4	2	2	2	3	114	sand and stone products
																											pulp/paper processing



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	
1402	restaurant																									restaurant	
1403	other amusement service																									other amusement service	
1601	public office																									public office	
	total			1,119		1,116		1,030	973	904	785	527	559	649	651	586	602	565	517	559	524	503	452	451	475	13,547	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press 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
011209	other metal products			332		384		320	321	292	258	182	188	214	208	201	206	169	191	195	168	192	138	149	139	4,447	other metal products
011203	metal press products			334		303		285	251	233	197	127	159	159	174	156	170	155	113	118	123	99	103	104	108	3,471	metal press products
011502	auto mobile products			135		115		125	128	122	103	56	60	77	71	59	62	51	49	63	52	49	37	54	46	1,514	auto mobile products
011301	machine products			75		63		52	74	50	47	29	31	42	47	40	45	40	41	49	33	38	34	32	42	904	machine products
011409	other electrical equipment			41		27		33	25	31	22	15	20	23	25	15	7	16	16	12	15	10	14	14	16	397	other electrical equipment
011403	electronics equipment and telecommunications apparatus			25		19		20	9	12	15	11	8	5	6	8	5	5	10	4	9	9	10	7	11	208	electronics equipment and telecommunications apparatus
010805	plastics products			13		12		13	10	13	8	8	9	6	10	6	7	11	5	10	9	10	4	6	10	180	plastics products
011709	other manufacturing			11		16		10	11	8	13	6	11	7	8	11	11	10	4	9	6	14	10	6	9	191	other manufacturing
011509	other transport equipment products			20		20		14	11	16	13	5	3	8	7	10	3	8	7	5	7	5	10	6	8	186	other transport equipment products
011201	western tableware/cutting tool products			6		14		10	10	7	5	10	8	7	8	4	8	9	4	5	4	6	4	4	8	141	western tableware/cutting tool products
010806	rubber products			9		12		8	9	2	5	1	4	5	4	6	2	4	2	4	5	1	11	5	8	107	rubber products
011402	electrical appliance			17		13		14	6	11	6	4	5	8	8	3	4	6	1	3	3	8	3	1	6	130	electrical appliance
011401	heavy electrical equipment			3		4		3	3	6	4	4	1	2	4	3	3	5	3	2		6	4	6	5	71	heavy electrical equipment
011305	other precision machine products			7		14		11	13	11	9	6	4	11	6	6	7	6	10	4	7	2	8	1	4	147	other precision machine products
011001	steel/iron/rolling products			8		3		6			2	2				1	1	1	2	7	5	1	6	3	4	52	steel/iron/rolling products
011701	auto mobile servicing			2		1		3	2	4	1	2	1	1	3	1	3	3	3	3	4	2	4	3	4	50	auto mobile servicing
170209	others					3		2	2		1						1	4		1	5			4	4	27	others
011102	nonferrous metals casting products			4		4		6	4	8	8	4	3	5	4	4	3	2	1	5	3	2	2	4	3	79	nonferrous metals casting products
010509	other furniture					2		1	2		1		1		2	1	1		1			1	2		3	18	other furniture
011202	screw products			8		4		5	1	8	7	5	2	3	1	1	2	4	2	5	3	3	2	2	2	70	screw products
030209	other building construction work			3		3		2	5	2	1	3	1	1	2	3	2	2	4	6	8		4	2	2	56	other building construction work
080109	other wholesale			1				4	2	2	1		4	5	3	1	3		5	5	3	4	1	2	46	other wholesale	
010602	paper processing products			6		1		1	3	3	1	2	1	5	1	3	2	1	3			2	4		2	41	paper processing products

011303	optical instruments			1		5		5	1	7	2	1		1	1		2	3	1		3	2	1		2	38	optical instruments
011702	machine repair					1		2			3	6	1	2	3	1	2	2		1		1		1	2	28	machine repair
010701	printing service					2			4	3	2	1	2	2		1	2				1			2	2	24	printing service
030309	other construction works			1		2				2	3	2		1	1	1	2	2	2		1		2		2	24	other construction works
010903	pottery products			4		1					2	3		1			2	1			1				2	17	pottery products
011703	cleaning							1	1	2					1	1	1						1		2	10	cleaning
011109	other nonferrous metal products			6		9		2	8	10	7	5	3	6	4	2	4	4	2	6	2	3		1	1	85	other nonferrous metal products
010502	metal furniture			1		5		7	5	1	5	1	1	5	3	2	2	4	1	6	2	3	4		1	59	metal furniture
011002	casting products			4				5	4	1	2	1	2	2	4	1	3		1	1	2	2		1	1	37	casting products
010909	other sand and stone products			3		3		3	1	1	2		1	2	3	2	3	2	3	1		1	1	2	1	35	other sand and stone products
011302	measuring instruments			2		1		3	2	3		1	3	3			3	3	2	2	1	2		1	1	33	measuring instruments
010899	other chemical products					3		2			2	4	1		2	1	1		3	1	3	2		2	1	28	other chemical products
010409	other lumber and wood products			1		3		3	2	3	1		5	1				1	1	1	1	2			1	26	other lumber and wood products
011204	metal plating products			2				4		1	3	2	1			1	1	2		1	1	2	1		1	23	metal plating products
011503	railway vehicle products					1		2		1	2		1	2		2		2	1	1		1	2	2	1	21	railway vehicle products
030201	steel frame/reinforced concrete house construction work					1		4			1				1	1		1		1		3	3	1	1	18	steel frame/reinforced concrete house construction work
040301	general truck transportation service			2		1		2			1			1	1	1	1	1	1		1			2	1	15	general truck transportation service
010309	other fiber products			1		2				2				2	1						1			2	1	12	other fiber products
030202	wooden house construction work							1	2	1	1			2				1	1				1		1	11	wooden house construction work
080202	auto mobile retail							1							1	1			1	1					1	6	auto mobile retail
010109	other foods										2					1		1							1	5	other foods
010809	chemical fertilizer products					1		1	1	1	1														1	5	chemical fertilizer products
150109	other cleaning and livestock process service													2							1	1			1	5	other cleaning and livestock process service
080209	other retails			4		3		2	2	2		4	3	3	1	3	1		3	1	2	3	6	3		46	other retails
011009	other steel products			2		1		1	2	1	4		1	4	3	1	1	2	3	2	2		1	2		33	other steel products
030203	building facility construction work			3		2		1			1	2	2	2	1		1		3	4	5	1	2	1		31	building facility construction work
150102	industrial waste management service			1				2	2		1	1		2	2	3	2	2	2	2		1	1	4		28	industrial waste management service
011101	nonferrous metals/rolling products			1		2		1	4	1	1		2	1	1	1	1		3	1	2		1			23	nonferrous metals/rolling products
011501	ship building					2		2	2	4		1	1	2	1	1		2	3		2					23	ship building
010905	other ceramic products			3		4		5	3	1		1	1		1			1		1						21	other ceramic products
010901	cement products			2		3		2	1	1				1	2	4		1			1	1				19	cement products
030302	machinery/apparatus setting work					2		2			1	2	2	1	1	1				1	1		3	1		18	machinery/apparatus setting work
010807	leather products			2		1		1				1		2	1	1	1	1			2	2				15	leather products
170101	dispatch service			1		1		3	2		1		1				1		1	1	2	1				15	dispatch service

010501	wood furniture					2		1	4	2					1	1						2		13	wood furniture	
010801	non organic or organic chemical products			1		1		1	1			1		1	1	1	1	1		1	1	1		13	non organic or organic chemical products	
010904	fire resisting products			1				2	1		2	1	1	1			1			1		1		13	fire resisting products	
010709	other printing and bookbinding					1		1	2	1			1	1			2				1			11	other printing and bookbinding	
010609	other pulp/paper processing products			2		2						1		1		2			1				1		10	other pulp/paper processing products
150103	other waste disposal service			1		1		1	2	1	1			1					1				1		10	other waste disposal service
010402	plywood					2		1						1		1	1		1	1	1				9	plywood
010902	glass products			1		1		1		2	1						3								9	glass products
010503	fittings			1					2	1	1							1					1		7	fittings
011304	watch products					2		1					1					1	1	1					7	watch products
010209	other textile products													1	1	1	1				2				6	other textile products
080409	other commerce					1		1										2		1					6	other commerce
010301	over/under wear							1	1										1	1					5	over/under wear
130201	social welfare facility					1					1					1	1	1							5	social welfare facility
050101	land cargo handling service									1			1		1	1									4	land cargo handling service
080101	all kinds of wholesale					1								1	1						1				4	all kinds of wholesale
010104	bread/cake products							1						1									1		3	bread/cake products
010203	weaving					1			1							1									3	weaving
010802	chemical fiber			1					1	1															3	chemical fiber
030199	other civil engineering work														1		1						1		3	other civil engineering work
150101	building maintenance service					1			1	1															3	building maintenance service
010204	dyeing			1					1																2	dyeing
010601	pulp/paper									1													1		2	pulp/paper
010702	bookbinding							2																	2	bookbinding
010808	painting products								1												1				2	painting products
030106	road construction work					1			1																2	road construction work
030301	electricity/telecommunication work																			1		1			2	electricity/telecommunication work
040309	other land cargo transportation service							1									1								2	other land cargo transportation service
080401	warehousing																				1		1		2	warehousing
120109	other education/research service										2														2	other education/research service
010101	meat/dairy products									1															1	meat/dairy products
010103	agricultural food products																					1			1	agricultural food products
010803	pharmaceuticals			1																					1	pharmaceuticals
010804	petroleum/coal products																		1						1	petroleum/coal products
011603	city water service							1																	1	city water service
030105	bridge construction work			1																					1	bridge construction work
030109	land consolidation civil engineering work																1								1	land consolidation civil engineering work

040202	bus service							1													1	bus service	
040302	specific truck transportation service													1								1	specific truck transportation service
080201	all kinds of retail								1													1	all kinds of retail
080203	furniture/fittings retail		1																			1	furniture/fittings retail
170201	security service					1																1	security service
010102	fishery products																						fishery products
010105	alcoholic drinks																						alcoholic drinks
010106	soft drinks																						soft drinks
010201	silk-reeling																						silk-reeling
010202	cotton-spinning																						cotton-spinning
010401	lumbering																						lumbering
011601	electric utility service																						electric utility service
011602	city gas service																						city gas service
011609	other electric/gas/water service																						other electric/gas/water service
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
030107	river civil engineering work																						river civil engineering work
030108	sand collapse prevention civil engineering work																						sand collapse prevention civil engineering work
030110	water supply/sewage construction work																						water supply/sewage construction work
030111	port/seaside construction work																						port/seaside construction work
040101	railroad service																						railroad service
040102	water transportation service																						water transportation service
040103	airline service																						airline service
040201	taxi service																						taxi service
040209	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
050202	port cargo handling service																						port cargo handling service
050209	other harbor transportation service																						other harbor transportation service
060101	agriculture																						agriculture
060201	lumbering																						lumbering
060209	other forestry																						other forestry
070101	livestock																						livestock
070201	fishery																						fishery
070209	other fishery																						other fishery
080102	furniture/fitings wholesale																						furniture/fitings wholesale
080204	fuel retail																						fuel retail
080205	newspaper retail																						newspaper retail
080301	haircut																						haircut
080302	beauty salon																						beauty salon
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
100101	movie production and delivery service																						movie production and delivery service
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
140201	general restaurant																						general restaurant
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
150104	cremation service																										cremation service
150105	livestock process service																										livestock process service
160101	public office																										public office
170202	information processing service																										information processing service
	total			1,119		1,116		1,030	973	904	785	527	559	649	651	586	602	565	517	559	524	503	452	451	475	13,547	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](https://www.jisha.or.jp/english/statistics/202311_12.html)