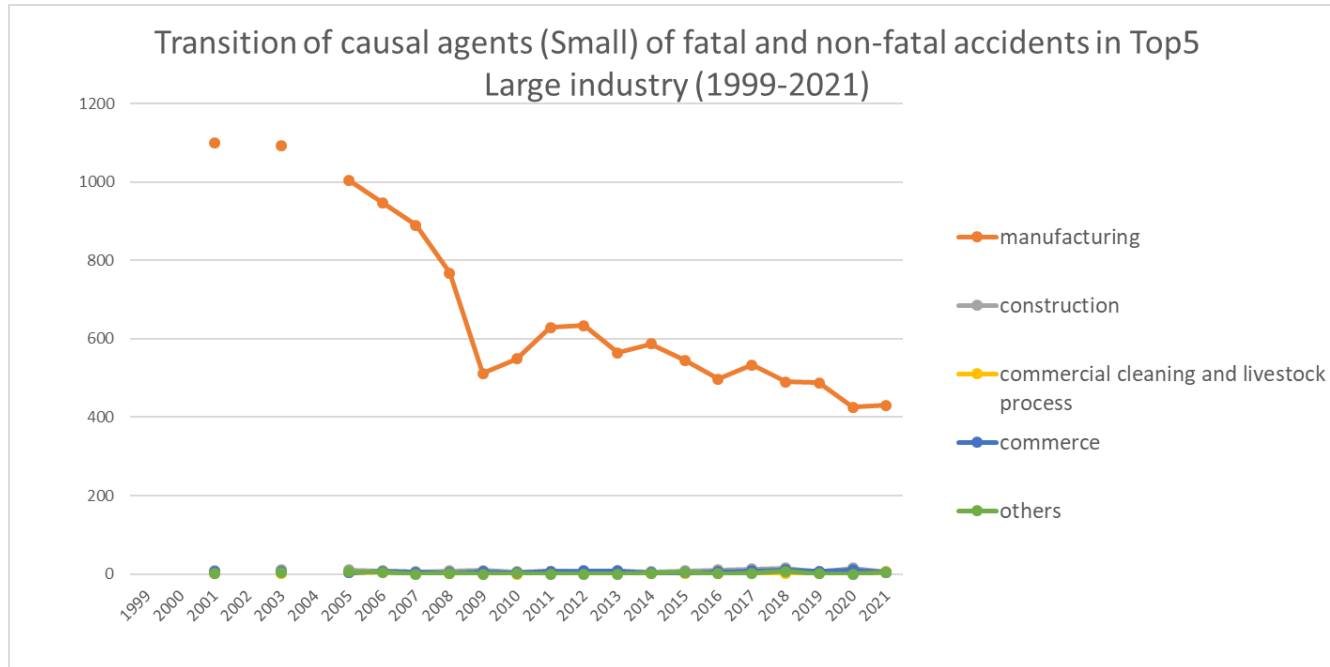
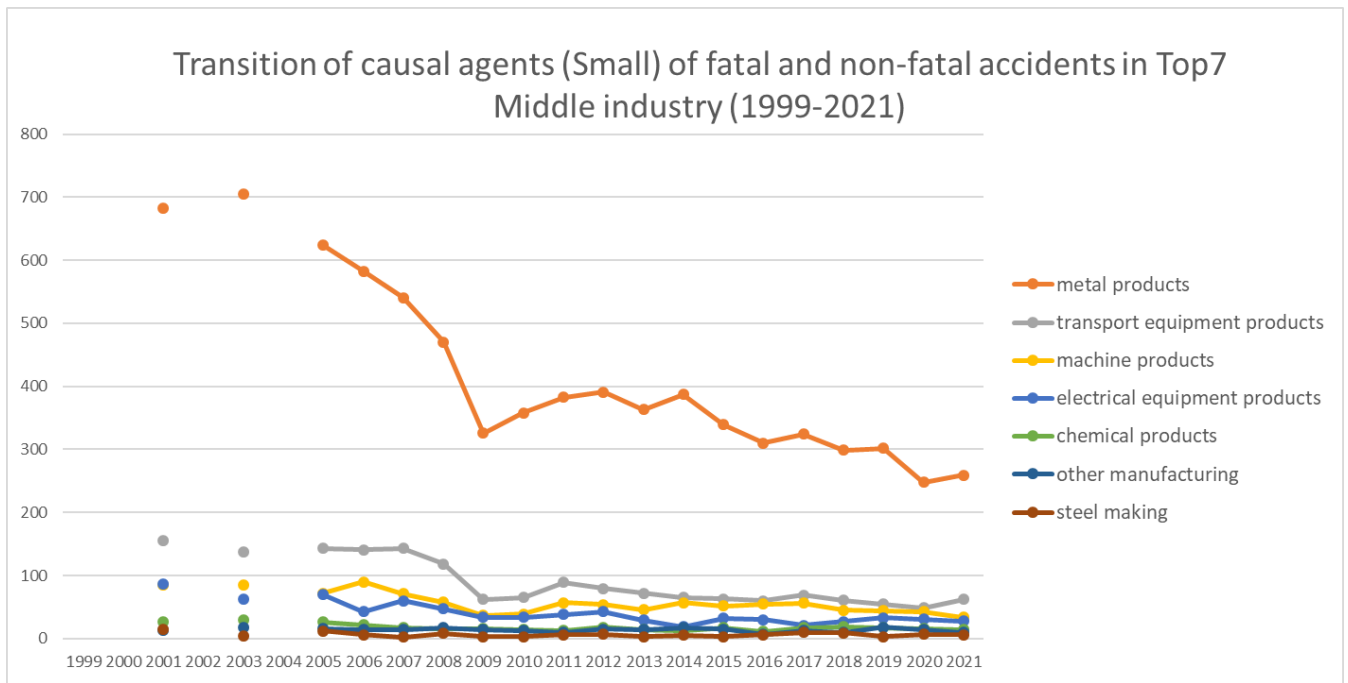


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press (1999-2021)

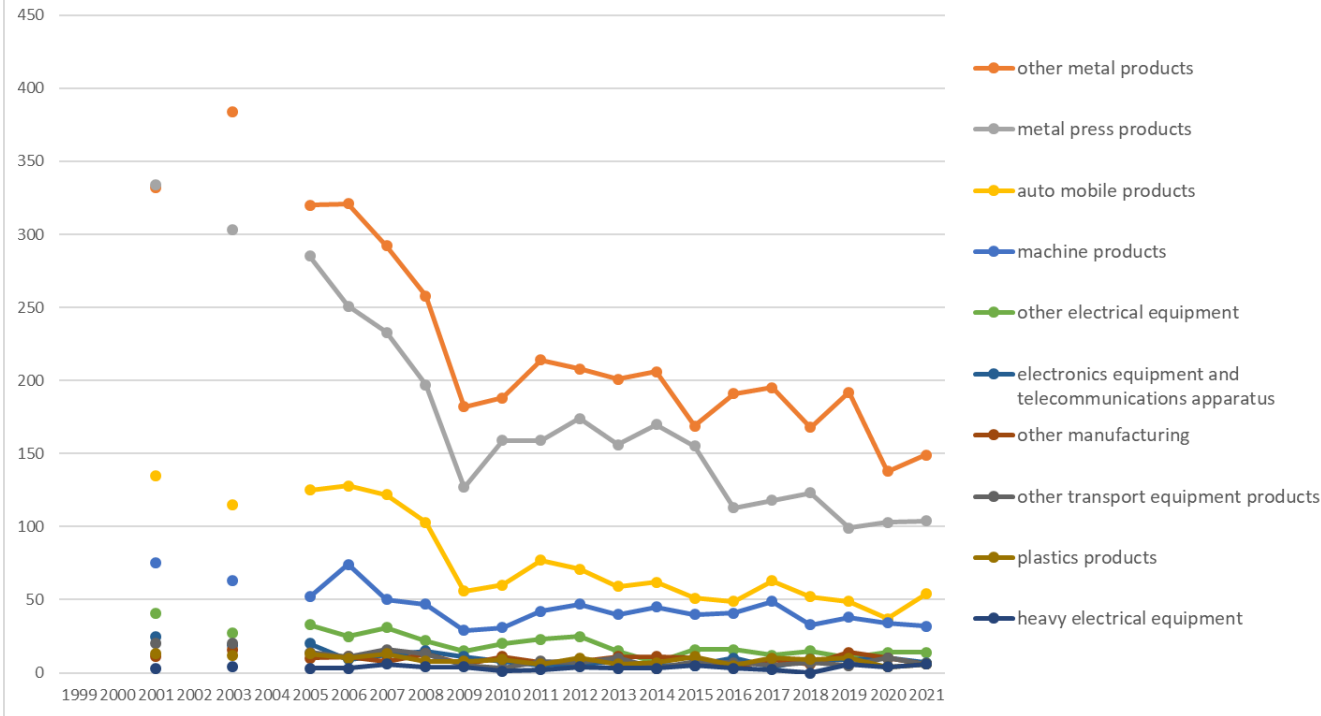


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Middle Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents in Top10 Small industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press 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			1,100		1,092		1,005	948	890	768	512	549	629	634	565	587	545	498	533	490	488	426	430	12,689	manufacturing
03	construction			8		11		10	8	5	8	9	5	7	6	7	5	8	10	13	15	5	15	6	161	construction
15	commercial cleaning and livestock process			2		2		3	5	2	2	1		5	2	3	2	2	2	3	1	2	1	5	45	commercial cleaning and livestock process
08	commerce			6		5		3	7	4	3	5	3	7	8	8	3	3	5	8	10	7	10	4	109	commerce
17	others			1		4		6	4		2		1			2	4	1	2	7	1			4	39	others
04	transportation service			2		1		3	1		1			1		1	2	2	1		1			2	18	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	13,072	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press 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
0112	metal products			682		705		624	583	541	470	326	358	383	391	363	387	339	310	324	299	302	248	259	7,894	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	1,689	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	1,080	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	768	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	335	chemical products
0117	other manufacturing			13		18		16	14	14	17	14	13	10	15	14	17	15	7	13	10	18	14	10	262	other manufacturing
0110	steel making			14		4		12	6	2	8	3	3	6	7	3	5	3	6	10	9	3	7	6	117	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	183	nonferrous metal making

1501	commercial cleaning and livestock process			2		2		3	5	2	2	1		5	2	3	2	2	2	3	1	2	1	5	45	commercial cleaning and livestock process	
0302	construction work			6		6		8	7	3	4	5	3	5	4	4	3	4	8	11	13	4	10	4	112	construction work	
1702	others					3		3	2		1					1	4		1	5			4	24	others		
0105	furniture			2		9		9	13	4	7	1	2	5	6	4	3	4	3	6	2	4	6	3	93	furniture	
0802	retail			5		3		2	3	2	1	4	3	3	1	4	2		3	2	3	3	6	3	53	retail	
0109	sand and stone products			14		12		13	6	5	7	5	3	5	7	6	5	8	4	1	4	2	2	2	111	sand and stone products	
0106	pulp/paper processing products			8		3		1	3	4	1	2	2	5	2	3	4	1	3	1		2	4	2	51	pulp/paper processing products	
0107	printing/bookbinding					3		3	6	4	2	1	3	3		1	2	2		1	1		1	2	35	printing/bookbinding	
0403	road cargo transportation service			2		1		3			1			1		1	2	2	1		1			2	17	road cargo transportation service	
0103	fiber products			1		2		1	1	2				2	1	1				1	2			2	16	fiber products	
0801	wholesale			1		1			4	2	2	1		4	6	4	1	3		5	6	3	4	1	48	wholesale	
0303	other construction works			1		4		2		2	4	4	2	2	2	2	2	2	2	2	2	2	1	5	1	42	other construction works
0101	food products							1		1		2			1		1		1				1	1	9	food products	
0301	civil engineering work			1		1			1							1		2						1	7	civil engineering work	
0104	wood products			1		5		4	2	3	1		5	1		1		2	2	1	2	3	1		34	wood products	
1701	dispatch service			1		1		3	2		1		1			1		1	1	2	1				15	dispatch service	
0102	textile products			1		1			2						1	1	2	1			2				11	textile products	
0804	other commerce					1		1							1				2	1	1	1			8	other commerce	
1302	social welfare facility					1					1					1	1	1							5	social welfare facility	
0501	land cargo handling service									1			1		1	1									4	land cargo handling service	
1201	education/research service									2															2	education/research	

011102	nonferrous metals casting products			4	4	6	4	8	8	4	3	5	4	4	3	2	1	5	3	2	2	4	76	nonferrous metals casting products
150102	industrial waste management service			1		2	2		1	1		2	2	3	2	2	2		1	1	4		28	industrial waste management service
170209	others				3	2	2		1						1	4		1	5			4	23	others
011001	steel/iron/rolling products			8	3	6			2	2				1	1	1	2	7	5	1	6	3	48	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	46	auto mobile servicing
080209	other retails			4	3	2	2	2		4	3	3	1	3	1		3	1	2	3	6	3	46	other retails
011202	screw products			8	4	5	1	8	7	5	2	3	1	1	2	4	2	5	3	3	2	2	68	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	54	other building construction work
010909	other sand and stone products			3	3	3	1	1	2		1	2	3	2	3	2	3	1		1	1	2	34	other sand and stone products
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
010899	other chemical products				3	2			2	4	1		2	1	1		3	1	3	2		2	27	other chemical products
010701	printing service				2		4	3	2	1	2	2		1	2				1			2	22	printing service
011503	railway vehicle products				1	2		1	2		1	2		2		2	1	1		1	2	2	20	railway vehicle products
040301	general truck transportation service			2	1	2			1			1		1	1	1	1		1			2	14	general truck transportation service
010501	wood furniture				2	1	4	2					1	1								2	13	wood furniture
010309	other fiber products			1	2			2				2	1					1				2	11	other fiber products
011305	other precision machine products			7	14	11	13	11	9	6	4	11	6	6	7	6	10	4	7	2	8	1	143	other precision machine products
011402	electrical appliance			17	13	14	6	11	6	4	5	8	8	3	4	6	1	3	3	8	3	1	124	electrical appliance
011109	other nonferrous metal products			6	9	2	8	10	7	5	3	6	4	2	4	4	2	6	2	3		1	84	other nonferrous metal products
080109	other wholesale			1			4	2	2	1		4	5	3	1	3		5	5	3	4	1	44	other wholesale

011002	casting products			4				5	4	1	2	1	2	2	4	1	3		1	1	2	2		1	36	casting products
011302	measuring instruments			2		1		3	2	3		1	3	3			3	3	2	2	1	2		1	32	measuring instruments
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
011702	machine repair					1		2			3	6	1	2	3	1	2	2		1		1		1	26	machine repair
030302	machinery/apparatus setting work					2		2			1	2	2	1	1	1				1	1		3	1	18	machinery/apparatus setting work
030201	steel frame/reinforced concrete house construction work					1		4			1				1	1		1			3	3	1		17	steel frame/reinforced concrete house construction work
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
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
010503	fittings			1					2	1	1							1						1	7	fittings
010104	bread/cake products							1							1									1	3	bread/cake products
030199	other civil engineering work														1		1							1	3	other civil engineering work
010601	pulp/paper									1														1	2	pulp/paper
010502	metal furniture			1		5		7	5	1	5	1	1	5	3	2	2	4	1	6	2	3	4		58	metal furniture
010602	paper processing products			6		1		1	3	3	1	2	1	5	1	3	2	1	3			2	4		39	paper processing products
011303	optical instruments			1		5		5	1	7	2	1		1	1		2	3	1		3	2	1		36	optical instruments
010409	other lumber and wood products			1		3		3	2	3	1		5	1				1	1	1	1	2			25	other lumber and wood products
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
011204	metal plating products			2				4		1	3	2	1			1	1	2		1	1	2	1		22	metal plating products

030309	other construction works			1		2				2	3	2		1	1	1	2	2	2		1		2		22	other construction works
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
010509	other furniture					2		1	2		1		1		2	1	1		1		1	2			15	other furniture
010807	leather products			2		1		1			1		2	1	1	1			2	2					15	leather products
010903	pottery products			4		1					2	3		1			2	1			1				15	pottery products
170101	dispatch service			1		1		3	2		1		1			1		1	1	2	1				15	dispatch service
010904	fire resisting products			1				2	1		2	1	1	1	1			1			1		1		13	fire resisting products
010709	other printing and bookbinding					1		1	2	1			1	1			2		1			1			11	other printing and bookbinding
030202	wooden house construction work							1	2	1	1			2			1	1					1		10	wooden house construction work
010402	plywood					2		1							1		1	1			1	1	1		9	plywood
010902	glass products			1		1		1		2	1						3								9	glass products
011703	cleaning							1	1	2				1	1	1					1				8	cleaning
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						1				2		1					6	other commerce
010301	over/under wear							1	1						1				1	1					5	over/under wear
080202	auto mobile retail								1						1	1			1	1					5	auto mobile retail
130201	social welfare facility					1					1				1	1	1								5	social welfare facility
010109	other foods											2				1		1							4	other foods
010809	chemical fertilizer products							1		1	1	1													4	chemical fertilizer products
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
150109	other cleaning and livestock process service													2						1	1				4	other cleaning and livestock process service

010203	weaving				1			1													3	weaving	
010802	chemical fiber			1				1	1													3	chemical fiber
150101	building maintenance service				1			1	1													3	building maintenance service
010204	dyeing			1				1														2	dyeing
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														2	other land cargo transportation service
080401	warehousing																		1	1		2	warehousing
120109	other education/research service																					2	other education/research service
010101	meat/dairy products																					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	land consolidation civil engineering work
040202	bus service																					1	bus service
040302	specific truck transportation service																					1	specific truck transportation service
080201	all kinds of retail																					1	all kinds of retail
080203	furniture/fitings retail			1																		1	furniture/fitings retail

170201	security service																				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
	sand collapse prevention civil																						sand collapse prevention civil

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	13,072	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