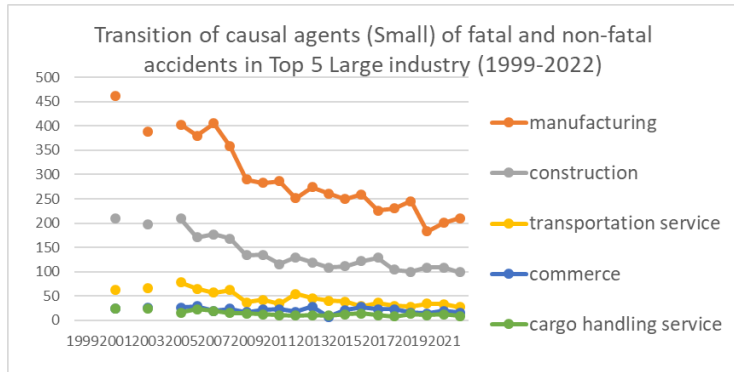
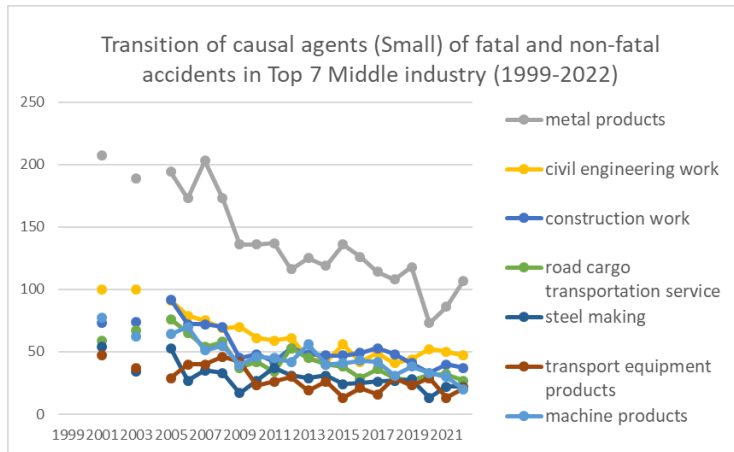


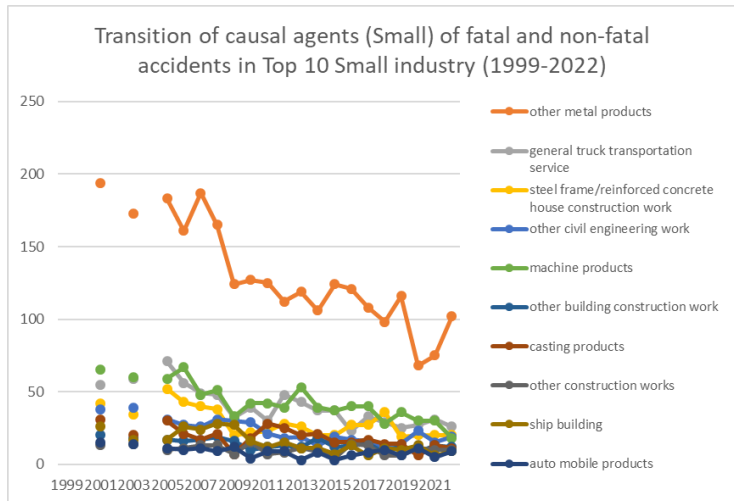
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool 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			461		388		403	380	405	358	290	283	286	251	274	261	250	259	226	230	245	183	201	210	5,844	manufacturing	
03	construction			210		198		209	171	177	168	134	135	116	130	119	109	111	122	129	104	100	109	109	99	2,759	construction	
04	transportation service			62		67		78	65	57	62	37	42	34	54	46	40	39	29	36	30	28	34	33	27	900	transportation service	
08	commerce			24		26		26	29	19	24	17	22	23	18	28	7	21	27	23	23	16	14	19	16	422	commerce	
05	cargo handling service			25		25		16	23	19	15	14	12	11	10	11	10	12	14	11	8	13	11	12	9	281	cargo handling service	
17	others			4		10		9	6	5	5	6	9	3	5	3	3	3	1	2	2	1	2	5	7	91	others	
15	commercial cleaning and livestock process			8		9		3	12	10	5	4	3	4	1	7	4	3	9	7	5	7	4	8	4	117	commercial cleaning and livestock process	
07	livestock/fishery			6		3		3	5	4		2	3	1	4	2	2	3		3	2	1	4	1	4	53	livestock/fishery	
06	agriculture			9		11		7	11	4	7	8	5	2	6	5	9	5	4	3	4	3	5	4	1	113	agriculture	
02	mining			5		4		4	2	4	3	4		1	1	1	1	1	2	2	5	2	2	1	1	46	mining	
09	financial business/advertisement							1						1											1	3	financial business/advertisement	
14	hotel/restaurant/amusement service			1		2		1				1	1		1	1	2	1	1	1	2	1		1		17	hotel/restaurant/amusement service	
13	health and hygiene service											1			2							1	1	1			6	health and hygiene service
12	education/research service												1									1					2	education/research service
16	public office																				1						1	public office
10	movie/play service																											movie/play service
11	telecommunication service																											telecommunication service
	total			815		743		758	706	704	647	518	516	482	483	497	448	449	468	444	417	418	369	394	379	10,655	total	

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool 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			207		189		194	173	203	173	136	136	137	116	125	119	136	126	114	108	118	73	86	107	2,776	metal products	
0301	civil engineering work			100		100		91	79	75	69	70	61	59	61	45	42	56	42	49	41	44	52	50	47	1,233	civil engineering work	
0302	construction work			73		74		92	72	72	70	45	48	42	53	48	47	47	49	53	48	41	33	40	37	1,084	construction work	
0403	road cargo transportation service			59		67		76	65	54	58	37	42	34	53	45	40	38	29	36	29	27	32	32	27	880	road cargo transportation service	
0110	steel making			54		34		53	27	35	33	17	27	37	31	29	31	24	25	26	27	28	13	22	22	595	steel making	
0115	transport equipment products			47		37		29	40	40	46	42	23	26	30	19	26	13	21	16	29	23	29	13	21	570	transport equipment products	
0113	machine products			77		62		64	70	51	55	39	46	45	42	56	40	41	43	42	31	38	33	30	20	925	machine products	
0303	other construction works			37		24		26	20	30	29	19	26	15	16	26	20	8	31	27	15	15	24	19	15	442	other construction works	
0109	sand and stone products			23		23		19	26	29	17	25	13	20	10	21	13	14	14	8	8	18	16	18	15	350	sand and stone products	
0502	harbor transportation service			19		18		11	15	14	12	13	8	9	5	10	8	9	9	9	7	7	7	8	7	205	harbor transportation service	
1702	others			4		10		9	6	4	5	5	9	3	5	3	3	3	3	1	2	2	1	2	5	7	89	others

0117	other manufacturing			16		15		12	13	14	16	11	12	5	5	6	6	6	5	4	8	8	7	10	6	185	other manufacturing
0801	wholesale			11		16		12	13	9	8	4	7	12	7	13	1	10	13	11	9	5	8	10	6	185	wholesale
0108	chemical products			9		8		7	9	6	4	6	9	4	4	2	6	5	8	6	6	7	3	11	6	126	chemical products
0114	electrical equipment products			9		5		4	3	7	1	3	2	1	4	4	6	2	4	3	2	2	3	3	6	74	electrical equipment products
0802	retail			7		5		9	6	4	10	4	6	6	3	12	4	7	7	6	5	8	1	4	5	119	retail
0804	other commerce			6		5		5	10	6	6	9	9	5	8	3	2	4	7	6	9	3	5	5	5	118	other commerce
1501	commercial cleaning and livestock process			8		9		3	12	10	5	4	3	4	1	7	4	3	9	7	5	7	4	8	4	117	commercial cleaning and livestock process
0702	fishery			6		3		3	5	4		1	3	1	3	2	2	3		2	2	1	4		3	48	fishery
0111	nonferrous metal making			7		5		8	5	6	3	3	5	7	4	4	5	2	3	1	3	1	2	3	2	79	nonferrous metal making
0501	land cargo handling service			6		7		5	8	5	3	1	4	2	5	1	2	3	5	2	1	6	4	4	2	76	land cargo handling service
0602	forestry			4		11		6	8	3	5	6	2	2	4	3	3	4	2	3	2	1	5	1	1	76	forestry
0101	food products			4		2		5	7	4	1	2	2	2	3	2	3	2	5	3	2		1	5	1	56	food products
0104	wood products			2		5		6	4	7	1	3	4	2	1	3	4	4	1	1	5				1	54	wood products
0202	quarrying			5		3		4	2	4	3	4		1	1	1	1	1	2	2	4	2	2	1	1	44	quarrying
0106	pulp/paper processing products			1					2	1	5	1	1			1		1	4				1		1	19	pulp/paper processing products
0105	furniture			1		1										1	1								1	5	furniture
0116	electric/gas/water service					1				1	2														1	5	electric/gas/water service
0701	livestock											1								1				1	1	5	livestock
0901	financial business													1											1	2	financial business
0601	agriculture			5				1	3	1	2	2	3		2	2	6	1	2		2	2		3		37	agriculture
0102	textile products			1		1		1	1		1	2	2		1		1			2		1	1			15	textile products
0401	railroad/water transportation/airline service			2				1		2	2				1						1	1		1		11	railroad/water transportation/airline service
1403	other amusement service					1						1				1	2	1		1		1		1		9	other amusement service
0404	other transportation service			1				1		1	1					1		1					1			7	other transportation service
1402	restaurant					1			1									1		2						6	restaurant
0103	fiber products			2												1						1	1			5	fiber products
0107	printing/bookbinding			1				1		1			1							1						5	printing/bookbinding
1302	social welfare facility											1				1				1		1				4	social welfare facility
0203	other mining					1															1					2	other mining
0402	road passenger transport service										1												1			2	road passenger transport service
1201	education/research service												1								1					2	education/research service
1301	medical treatment service														1							1				2	medical treatment service

030202	wooden house construction work			7		18		19	9	11	8	6	12	7	11	7	7	11	4	9	3	7	3	3	4	166	wooden house construction work
011203	metal press products			6		5		2	8	8	4	6	2	6	3	1	6	7	4	4	7		1	6	4	90	metal press products
011702	machine repair			3		6		2	7	6	8	5	4		2		2	2	3		3	2	3	2	4	64	machine repair
011401	heavy electrical equipment			3				2	1	1			1		1	2	3	1	2	2			2		4	25	heavy electrical equipment
030107	river civil engineering work			4		7		8	8	9	2	8	8	10	5	6	5	4	5	2	3	6	6	4	3	113	river civil engineering work
011509	other transport equipment products			5		5		1	3	3	7	3	2	5	6	5	7	2	2	1	8	5	3	2	3	78	other transport equipment products
150102	industrial waste management service			5		5		1	7	4	3	3	2	2		5		1	7	7	4	5	2	6	3	72	industrial waste management service
010805	plastics products			3		4		3	6	3	3	4	2	2	3	2	2	2	4	2	3	6	2	8	3	67	plastics products
030301	electricity/telecommunication work			5		4		5	2	3	6	2	2	4	3	6	1		3	3	2		3	1	3	58	electricity/telecommunication work
080401	warehousing					3			2		2	3			1		1	1	1	1	2	1	1	1	3	23	warehousing
030302	machinery/apparatus setting work			19		6		11	7	14	10	10	9	4	5	9	10	4	14	11	7	9	10	8	2	179	machinery/apparatus setting work
080409	other commerce			6		2		5	8	6	4	6	9	5	7	3	1	3	6	5	7	2	4	4	2	95	other commerce
050101	land cargo handling service			6		7		5	8	5	3	1	4	2	5	1	2	3	5	2	1	6	4	4	2	76	land cargo handling service
030105	bridge construction work			9		6		1	7	1	7	4	1	7	3	1	2	4	3	1	4	2		2	2	67	bridge construction work
030111	port/seaside construction work			6		4		5	1	2	2	2	2	2	4	4	3	2	3	4	4	3		6	2	61	port/seaside construction work
011409	other electrical equipment			4		5		1	2	5	1	2	1	1	1	2	2	1	2	1	1	1	1	3	2	39	other electrical equipment
070201	fishery			6		3		1	3	3			3	1	3	2	2	3		1	1	1	3		2	38	fishery
010806	rubber products			2				1		1	1	2	2			1	1	3	2	2			1	2	21	rubber products	
030102	tunnel construction work					1		3			1	3	1		1			1		1			1		2	15	tunnel construction work
011204	metal plating products			5		11		7	3	6	3	5	5	6		2	5	4		1	3		4	2	1	73	metal plating products
011709	other manufacturing			8		3		6	3	5	4	2	5	3	2	2	2	2	2	2	4	2	1	5	1	64	other manufacturing
060201	lumbering			4		9		5	6	3	5	6	2	2	4	1	3	3	2	2	1	1	3	1	1	64	lumbering
030203	building facility construction work			4		4		4	4	4	5	3	4		1	3	2	4	5	3	1	2	2	4	1	60	building facility construction work
011305	other precision machine products			12		1		5	3	2	4	6	4	3	2	3	1	4	2	1	2	1	2		1	59	other precision machine products
011701	auto mobile servicing			5		5		4	3	3	4	4	3	2	1	4	2	2		2	1	4	3	3	1	56	auto mobile servicing
011102	nonferrous metals casting products			4		2		6	4	2	3		2	2		2	2		2	1			1	1	1	35	nonferrous metals casting products
020201	quarrying			2		3		2	2	1	3	2				1	1	1	1		3	1		1	1	25	quarrying
030108	sand collapse prevention civil engineering work			2		2		1		2	1	2			1	1		3			1	1	2	3	1	23	sand collapse prevention civil engineering work
011101	nonferrous metals/rolling products							1	1				3	3	1	1	2	1	1		1				1	16	nonferrous metals/rolling products
150101	building maintenance service					2			2	1				1		2	1				1	1		1	1	13	building maintenance service
010801	non organic or organic chemical products			1		2						1	2							1		1		2	1	11	non organic or organic chemical products
010103	agricultural food products			2				1	1					1	1			1	1		1				1	10	agricultural food products
070209	other fishery							2	2	1		1								1	1		1		1	10	other fishery

010903	pottery products			1		2				1			1								1	1	7	pottery products		
011302	measuring instruments					1				1						1	1	1				1	7	measuring instruments		
010402	plywood			1				1					1					1				1	6	plywood		
010602	paper processing products							2		1						1						1	5	paper processing products		
040303	cargo/ light automobile transportation service									1		1					1			1		1	5	cargo/ light automobile transportation service		
070101	livestock									1			1								1	1	5	livestock		
011601	electric utility service					1				1												1	3	electric utility service		
010502	metal furniture			1																		1	2	metal furniture		
090109	other financial business																					1	1	other financial business		
040302	specific truck transportation service			1		6		2	3	1	5	2	1	2	4	2		1	3	2		3	1	39	specific truck transportation service	
040309	other land cargo transportation service			3		2		3	6	3	5	2	2	2	1		3		2	1		1	2	38	other land cargo transportation service	
060101	agriculture			5				1	3	1	2	2	3		2	2	6	1	2		2	2	3	37	agriculture	
011109	other nonferrous metal products			3		3		2		3		3		2	3	1	1	1		2	1	1	2	28	other nonferrous metal products	
050201	general harbor transportation service			2		3		2	1	2	1	2			1	2		1	2	2	2	2	1	2	28	general harbor transportation service
010401	lumbering			1		4		4		3	1	3	2	1			3	1		1	3			27	lumbering	
010109	other foods			1		1		3	4	3	1	1	1	1	1	1	2		1	1	1		1	24	other foods	
010409	other lumber and wood products					1		1	4	3			2	1		3	1	3	1		1			21	other lumber and wood products	
020202	gravel digging			2				2		3		2		1	1				1	2	1	1	2	18	gravel digging	
030104	railway construction work			2		3		1	1	2		1	2		1				2		1		1	1	18	railway construction work
150109	other cleaning and livestock process service			2		1		2	1	2	1	1	1	1	1		2				1		1	17	other cleaning and livestock process service	
011202	screw products			1				1		1	1	1	1		1	1		1			2		3	15	screw products	
010899	other chemical products			2		1		2					2		1		1	2		1	1		1	14	other chemical products	
011503	railway vehicle products			1		1			1	2	2		1				1		1		2	2		14	railway vehicle products	
150103	other waste disposal service			1		1			2	3	1						1	1	2			2		14	other waste disposal service	
060209	other forestry					2		1	2							2		1		1	1		2	12	other forestry	
080202	auto mobile retail			1				1				2	2	1	2		1	1				1		12	auto mobile retail	
010102	fishery products			1		1							1	1			1		1	2			1	2	11	fishery products
170201	security service					2		1				1	1	1	2	2					1			11	security service	
011201	western tableware/cutting tool products			1				1	1	1			1			2	1	1		1				10	western tableware/cutting tool products	
010601	pulp/paper									1	3	1	1						2			1		9	pulp/paper	
030101	hydroelectric plant construction work			2					1		1			1					2	1			1	9	hydroelectric plant construction work	
050209	other harbor transportation service							1	2	1				2							1	2		9	other harbor transportation service	
011402	electrical appliance			2				1						1		1				1	1			7	electrical appliance	
040409	other transportation service			1				1		1	1					1		1				1		7	other transportation service	
010101	meat/dairy products								1	1						1	1							6	meat/dairy products	

010209	other textile products			1		1						1		1					1		1			6	other textile products	
040102	water transportation service			1				1											1	1		1		6	water transportation service	
080201	all kinds of retail					1		1											1		1			6	all kinds of retail	
140201	general restaurant					1		1											1		2			6	general restaurant	
010203	weaving							1											1		1			5	weaving	
010309	other fiber products			2																		1	1		5	other fiber products
010609	other pulp/paper processing products			1																		1		2	5	other pulp/paper processing products
030103	subway construction work			1				2																	5	subway construction work
080204	fuel retail																								5	fuel retail
140301	golf course					1																			5	golf course
010106	soft drinks							1	1																4	soft drinks
010204	dyeing																								4	dyeing
010809	chemical fertilizer products			1		1		1																	4	chemical fertilizer products
010902	glass products																								4	glass products
010904	fire resisting products					1																			4	fire resisting products
040101	railroad service			1																					4	railroad service
080101	all kinds of wholesale			2		1																			4	all kinds of wholesale
130201	social welfare facility																								4	social welfare facility
140309	other amusement service																								4	other amusement service
010509	other furniture					1																			3	other furniture
010702	bookbinding																								3	bookbinding
010804	petroleum/coal products																								3	petroleum/coal products
010808	painting products																								3	painting products
010905	other ceramic products			1																					3	other ceramic products
011403	electronics equipment and telecommunications apparatus																								3	electronics equipment and telecommunications apparatus
080102	furniture/fittings wholesale					1																			3	furniture/fittings wholesale
080205	newspaper retail																								3	newspaper retail
010802	chemical fiber																								2	chemical fiber
011303	optical instruments																								2	optical instruments
020309	other mining					1																			2	other mining
040202	bus service																								2	bus service
120109	other education/research service																								2	other education/research service
140101	hotel			1																					2	hotel
170101	dispatch service																								2	dispatch service
010104	bread/cake products																								1	bread/cake products
010701	printing service			1																					1	printing service
010709	other printing and bookbinding																								1	other printing and bookbinding
010807	leather products																								1	leather products
011602	city gas service																								1	city gas service

130102	general clinic																									general clinic	
130301	bathhouse																									bathhouse	
130309	other health and hygiene service																									other health and hygiene service	
140209	other restaurants																									other restaurants	
140302	park and amusement park																									park and amusement park	
150104	cremation service																									cremation service	
170202	information processing service																									information processing service	
	total			815		743		758	706	704	647	518	516	482	483	497	448	449	468	444	417	418	369	394	379	10,655	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