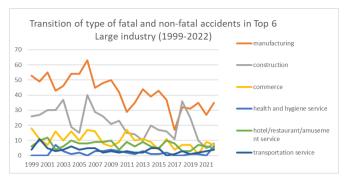
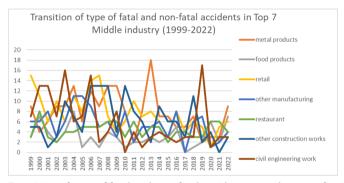
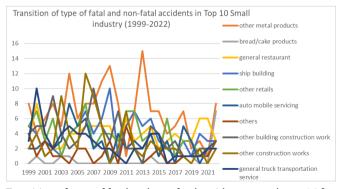
Transition of type of fatal and non-fatal accidents as code no. 16 fire (1999-2022)



Transition of type of fatal and non-fatal accidents as code no. 16 fire in Large industry (1999-2022)



Transition of type of fatal and non-fatal accidents as code no. 16 fire in Middle Industry (1999-2022)



Transition of type of fatal and non-fatal accidents as code no. 16 fire in Small Industry (1999-2022)

Transition of type of fatal and non-fatal accidents as code no. 16 fire 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	53	49	55	43	46	54	54	63	45	48	50	42	29	35	44	39	43	37	17	32	31	35	27	35	1,006	manufacturing
03	construction	26	27	30	30	37	19	15	40	29	26	21	23	15	14	10	20	17	16	11	36	25	10	5	8	510	construction
08	commerce	18	11	7	16	10	16	10	17	16	8	6	9	17	10	11	9	4	11	4	7	7	1	9	7	241	commerce
13	health and hygiene service				7	3	1	2		3	3	4	3	2	1	3	1	1	2			1	1		6	44	health and hygiene service
14	hotel/restaurant/amusement service	6	10	12	4	6	10	8	8	9	9	10	4	9	6	9	6	5	10	8	3	3	7	6	5	173	hotel/restaurant/amusement service
04	transportation service	4	11	5	3	4	6	4	5	5	2	3	2	3	2	2	5	5		1	3	1	2	3	4	85	transportation service
17	others	5	1	3	1	1		3	4		3	3	1	5	2		1	2		1	1	1	1	1	3	43	others
06	agriculture	3	1	1	1		1	2		1	1	3	1			1		1	1	2		2	1		1	24	agriculture
02	mining		1			5		1									1	1							1	10	mining
15	commercial cleaning and livestock process	9	2	2		3	2	1	2	4	5	4	4	4	2		5	1	2		3	2	2	3		62	commercial cleaning and livestock process
10	movie/play service																					52				52	movie/play service
09	financial business/advertisement		1	9			1	3																		14	financial business/advertisement
05	cargo handling service	1		1			1		3			1	1			1		1	1			2				13	cargo handling service
07	livestock/fishery	1		3						1	2		2			1		1				1	1			13	livestock/fishery
12	education/research service	3		1			1		2			1		2	1	1		1								13	education/research service
11	telecommunication service							1					1						1							3	telecommunication service
16	public office																										public office
	total	129	114	129	105	115	112	104	144	113	107	106	93	86	73	83	87	83	81	44	85	128	61	54	70	2,306	total

Transition of type of fatal and non-fatal accidents as code no. 16 fire 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	9	4	6	9	9	13	6	12	9	13	13	8	2	8	18	7	7	5	5	7	2	3	3	9	187	metal products
0101	food products	3	7	4	2	4	8	1	3	1	4	3	1	2	2	3	2	3	5		1	2	6	2	7	76	food products
0802	retail	15	11	6	10	6	11	8	14	15	7	4	6	10	7	8	6	3	8	4	6	5	1	5	6	182	retail

<u> </u>		<u> </u>	<u> </u>	<u> </u>	-		1	<u> </u>	-	<u> </u>	<u> </u>		-	<u> </u>	-	-	-	<u> </u>	-	<u> </u>	<u> </u>	-	<u> </u>	-	-	<u> </u>	<u> </u>
0117	other manufacturing	6	6	8	3	6	11	11	9	5	6	3	8	2	5	5	6	3	8		6	7	1	2	4	131	other manufacturing
1402	restaurant	3	8	3	2	4	4	5	5	5	6	6	3	6	3	5	5	2	4	4	3	3	6	6	4	105	restaurant
0303	other construction works	5	5	1	3	10	7	4	13	13	13	4	13	8	6	2	9	6	6	3	11	2	4		3	151	other construction works
0301	civil engineering work	7	13	13	7	16	6	7	15	2	4	8		4	1	3	4	3	2	3	3	17	1	3	3	145	civil engineering work
0115	transport equipment products	10	7	3	6	3	4	10	12	4	9	13	2	8	7	6	6	5	4	2	5	5	7	3	3	144	transport equipment products
0403	road cargo transportation service	3	10	4	2	4	5	4	4	4	2	3	1		2	2	5	4		1	2	1	1	2	3	69	road cargo transportation service
1702	others	5	1	3	1	1		3	4		3	3	1	5	2		1	2		1	1	1	1	1	3	43	others
1301	medical treatment service				6		1			1	1	2	1									1			3	16	medical treatment
0302	construction work	14	9	16	20	11	6	4	12	14	9	9	10	3	7	5	7	8	8	5	22	6	5	2	2	214	construction work
0108	chemical products	12	10	11	8	9	6	9	18	13	6	10	8	4	5	3	6	5	6	2	4	3	13	4	2	177	chemical products
0113	machine products	3	4	5	7	1	3	3	1	3		3	5	7	1	3	4	3	3	1	1	2	1	3	2	69	machine products
0114	electrical equipment products	4	4	4		2		1	1	2	2	2		1	1			4	1	3	1		1	2	2	38	electrical equipment products
1302	social welfare facility				1	3		2		2	1	2	2	2	1	3	1	1	2						2	25	social welfare facility
0111	nonferrous metal making		1				1		2	1	1		1	1	1		3	2			2	2		2	2	22	nonferrous metal making
0104	wood products	1									1							1			1				2	6	wood products
1403	other amusement service	1		5	1	1	4	1	1	4	2	2	1		2		1	1		2			1		1	31	other amusement service
0804	other commerce	1			1	2		1	1	1	1	1	1	4	1		2		2		1	1			1	22	other commerce
0602	forestry	2	1	1	1		1	2		1		3	1			1		1	1	1			1		1	19	forestry
0107	printing/bookbinding		1	2		1	1	1								2	1	1							1	11	printing/bookbinding
0106	pulp/paper processing products			1	1	2				1			1				1		1						1	9	pulp/paper processing products

0202	quarrying		1					1									1	1							1	5	quarrying
0202	quarrying																	<u> </u>							1		other health and
1303	other health and hygiene service										1												1		1	3	hygiene service
																			<u> </u>								
0404	other transportation service																								1	1	other transportation
																											service
0110	steel making	3		1	3	5	3	6	4	4	4	2	4	2	3	3	1	5	3	2	3	1	2	5		69	steel making
1501	commercial cleaning and livestock	9	2	2		3	2	1	2	4	5	4	4	4	2		5	1	2		3	2	2	3		62	commercial cleaning
	process																										and livestock process
1001	movie/play service																					52				52	movie/play service
1401	hotel	2	2	4	1	1	2	2	2		1	2		3	1	4		2	6	2						37	hotel
0801	wholesale			1	5	2	5	1	2			1	2	3	2	3	1	1	1			1		4		35	wholesale
																											sand and stone
0109	sand and stone products		2	5		2	1	3		1	2		1			1		2	1	2	1			1		25	products
0102	textile products	2	1	1	1	1	1	1							1			1				7				17	textile products
0.403		_																_								1.4	road passenger
0402	road passenger transport service			1					1					2				1			I			I		14	transport service
0105	furniture		2	1	3	1	1	1		1			1		1		1									13	furniture
1201	a diversión a /wasa such com sion	,					1		2			1		2	1			1								13	education/research
1201	education/research service	3												2		l I		'								13	service
0701	livestock	1		3						1	1		2			1		1					1			11	livestock
0901	financial business		1	9			1																			11	financial business
																											electric/gas/water
0116	electric/gas/water service			3			1	1	1			1						1					1			9	service
																											land cargo handling
0501	land cargo handling service			1			1		2				1			1		1				2				9	service
0203	other mining					5																				5	other mining
0601	agriculture	1									1									1		2				5	agriculture
																											harbor transportation

0502	harbor transportation service	1							1			1							1							4	service
0103	fiber products												2				1									3	fiber products
0902	advertisement and mediator							3																		3	advertisement and mediator
1101	telecommunication service							1					1						1							3	telecommunication service
0702	fishery										1											1				2	fishery
0803	haircut/beauty salon	2																								2	haircut/beauty salon
0401	railroad/water transportation/airline service													1												1	railroad/water transportation/airline service
0201	coal mining																										coal mining
1601	public office																										public office
1701	dispatch service																										dispatch service
	total	129	114	129	105	115	112	104	144	113	107	106	93	86	73	83	87	83	81	44	85	128	61	54	70	2,306	total

Transition of type of fatal and non-fatal accidents as code no. 16 fire 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	8	4	6	8	5	12	6	8	8	11	13	8	1	7	15	7	7	4	5	7	2	3	1	8	164	other metal products
010104	bread/cake products		1			1	1										1				1	1			7	13	bread/cake products
140201	general restaurant	3	8	3	2	2	4	4	5	5	5	5	2	6	3	4	5	2	3	4	3	3	6	6	3	96	general restaurant
011501	ship building	5	4	1	2	1	4	5	7	4	6	10	1	5	7	5	6	3	2	1	3	1	4	3	3	93	ship building
080209	other retails	5	7	3	6	1	4	5	8	2	4	4	3	7	7	3	4	1	6	1	3	3	1	1	3	92	other retails
011701	auto mobile servicing	2	2	3	2	3	8	5	6	2	3		4	2	3	2	4	1	3		5	3		2	3	68	auto mobile servicing
170209	others	4	1	3	1	1		2	2		1	3		5	2		1	2			1	1	1	1	3	35	others
030209	other building construction work	4	5	5	9	4	2	3	5	10	5	3	7	2	2		5	4	2	3	1	1	2	2	2	88	other building construction work

030309	other construction works	2	4	1	2	9	4	2	12	9	5		2	7	2	1	3	2	2	2	1		2		2	76	other construction works
040301	general truck transportation service	3	10	4	2	4	5	4	4	3	2	2	1		2	2	4	4		1	1	1	1	2	2	64	general truck transportation service
080204	fuel retail	1	2		2	1	3	1	2	4	2		2	2		2	1		1	1	2			2	2	33	fuel retail
130201	social welfare facility				1	3		2		2	1	2	2	2	1	3	1	1	2						2	25	social welfare facility
130101	hospital				3		1				1	2										1			2	10	hospital
011102	nonferrous metals casting products								1	1								1						1	2	6	nonferrous metals casting products
010401	lumbering	1																			1				2	4	lumbering
030302	machinery/apparatus setting work	3	1			1	1	2	1	4	3	4	9	1	4	1	4	4	4	1	1	2	2		1	54	machinery/apparatus setting work
011301	machine products	1	3	3	7	1	2	2		1		3	5	6	1	2	2	1	2	1	1	2	1	3	1	51	machine products
010801	non organic or organic chemical products	1		3	1	4	3	3	5	6	1	3		2	3		1	2	2		2	1	2	1	1	47	non organic or organic
011709	other manufacturing	1	2	4	1	3	1	4	1	2	2	3	1			2	2	1	3		1		1		1	36	other manufacturing
010805	plastics products	3	4	2	4	2	1		1	1	1		1		1	2		1		1	1	1	4	1	1	33	plastics products
080202	auto mobile retail	2	1		1	2	1		3	5	1		1	1		3	1		1	2	1	1		2	1	30	auto mobile retail
030106	road construction work	1	3	2	1	2	3	3	1			1		2		2		1			1	2		1	1	27	road construction work
080409	other commerce	1			1	2				1	1		1	4	1		2		2		1	1			1	19	other commerce
030105	bridge construction work					2	1															11			1	15	bridge construction work
011203	metal press products	1				2	1			1	1					3			1					2	1	13	metal press products
011409	other electrical equipment	1	1	2		1		1				1		1				1	1					2	1	13	other electrical equipment
060201	lumbering		1	1	1		1	2				1	1			1		1	1	1					1	13	lumbering
011403	electronics equipment and telecommunications apparatus	2	1	2		1				2					1			1		1					1	12	electronics equipment and telecommunications apparatus
010701	printing service		1	2		1		1								2	1	1							1	10	printing service
140209	other restaurants					2		1			1	1	1			1			1						1	9	other restaurants

011303	optical instruments							1		1				1				2							1	6	optical instruments
020201	quarrying		1					1									1	1							1	5	quarrying
030102	tunnel construction work		1	1		1			1																1	5	tunnel construction work
130102	general clinic				2					1															1	4	general clinic
140302	park and amusement park														1			1							1	3	park and amusement park
010609	other pulp/paper processing products																								1	1	other pulp/paper processing products
040303	cargo/ light automobile transportation service																								1	1	cargo/ light automobile transportation service
040409	other transportation service																								1	1	other transportation service
130309	other health and hygiene service																								1	1	other health and hygiene service
	steel frame/reinforced concrete house construction work	7	2	8	9	5	1		1	3	2	1	2		3	4	2	2	1		17	3	1			74	steel frame/reinforced concrete house construction work
030199	other civil engineering work	6	6	9	3	7	1	2	13	2		6		1	1		3	1	2	1	2	3		2		71	other civil engineering work
100101	movie production and delivery service																					52				52	movie production and delivery service
011502	auto mobile products	5	3	1	2	1		5	3		2	3		3		1		2	2	1	2	3	2			41	auto mobile products
150102	industrial waste management service	6	2			2	1		1	3	3	3	3	4			5	1	1			2	2	2		41	industrial waste management service
010109	other foods	2	3	1	2	3	4	1	2	1	2	3		1		2	1		4			1	6	1		40	other foods
140101	hotel	2	2	4	1	1	2	2	2		1	2		3	1	4		2	6	2						37	hotel
011002	casting products	2			1	2	2	5	2	2	3	1	4			1	1	2	1	2		1	2	2		36	casting products
010899	other chemical products	4	3	4		1	1		1	3	3	1	2	1	1	1					1	1	3	1		32	other chemical products
030203	building facility construction work	1	2	1	1	1	1	1	5	1	2	2	1		1	1		1	4	1	2	1	1			31	building facility construction work
080109	other wholesale			1	4	1	4	1	2			1	2	3	2	3		1	1			1		4		31	other wholesale

010803	pharmaceuticals	4				1	1	4	8			2	1				3		2				3		29	pharmaceuticals
011001	steel/iron/rolling products				1	1	1	1	1	2	1	1			1	2		3	2		3			3	23	steel/iron/rolling products
140309	other amusement service	1		5	1		3	1	1	4	2	2	1				1			1					23	other amusement service
011702	machine repair	2	1	1			2		2	1	1		3		2	1		1	2			3			22	machine repair
030202	wooden house construction work	2		2	1	1	2		1			3		1	1			1	1	1	2	1	1		21	wooden house construction work
030301	electricity/telecommunication work				1		2				5		2				2				9				21	electricity/telecommunication work
080201	all kinds of retail	5		2		2	1	2		2								1							15	all kinds of retail
010804	petroleum/coal products			1				1	2			4	2	1				1		1					13	petroleum/coal products
030110	water supply/sewage construction work		2	1	1	3	1	1			4														13	water supply/sewage construction work
070101	livestock	1		3						1	1		2			1		1					1		11	livestock
080205	newspaper retail	2	1		1		2		1	2								1				1			11	newspaper retail
120109	other education/research service	1		1			1		2			1		2	1	1		1							11	other education/research service
010203	weaving			1				1										1				7			10	weaving
010806	rubber products		2			1				2	1		1				2						1		10	rubber products
011009	other steel products	1		1	1	2			1					2	2										10	other steel products
011204	metal plating products				1	2			4		1			1	1										10	metal plating products
011509	other transport equipment products			1	2	1			2		1		1									1	1		10	other transport equipment products
040201	taxi service		1	1	1		1		1				1	1							1		1	1	10	taxi service
010101	meat/dairy products		2	2					1					1	1			2							9	meat/dairy products
050101	land cargo handling service			1			1		2				1			1		1				2			9	land cargo handling service
090109	other financial business			9																					9	other financial business
010902	glass products		1	4				1										1		1					8	glass products

011101	nonferrous metals/rolling products		1				1						1	1			1	1			2				8	nonferrous metals/rolling products
011109	other nonferrous metal products								1		1				1		2					2		1	8	other nonferrous metal products
011305	other precision machine products	2		2			1		1							1			1						8	other precision machine products
150103	other waste disposal service	2						1				1			1						3				8	other waste disposal service
170201	security service	1						1	2		2		1							1					8	security service
010909	other sand and stone products			1		1		2											1	1				1	7	other sand and stone
011401	heavy electrical equipment		1									1						2		2	1				7	heavy electrical equipment
150101	building maintenance service			2		1	1			1									1					1	7	building maintenance service
010901	cement products					1	1			1						1		1			1				6	cement products
011402	electrical appliance	1	1						1		2												1		6	electrical appliance
060209	other forestry	2								1		2											1		6	other forestry
150109	other cleaning and livestock process service	1							1		2		1		1										6	other cleaning and livestock process service
010102	fishery products			1			2									1			1						5	fishery products
010503	fittings				2					1			1				1								5	fittings
010602	paper processing products				1					1			1				1		1						5	paper processing products
010808	painting products				1					1									2					1	5	painting products
011602	city gas service			3								1											1		5	city gas service
011703	cleaning	1	1					2														1			5	cleaning
020309	other mining					5																			5	other mining
060101	agriculture	1									1									1		2			5	agriculture
140301	golf course					1	1								1					1			1		5	golf course
010105	alcoholic drinks	1					1				2														4	alcoholic drinks
010209	other textile products	1	1			1									1										4	other textile products

		п		1									11		\Box							11			II	1
010501	wood furniture		2		1			1																	4	wood furniture
010903	pottery products		1								2		1												4	pottery products
030104	railway construction work											1				1						1	1		4	railway construction work
030109	land consolidation civil engineering work		1		1	1											1								4	land consolidation civil engineering work
010103	agricultural food products		1										1											1	3	agricultural food products
010204	dyeing	1			1		1																		3	dyeing
010309	other fiber products												2				1								3	other fiber products
010509	other furniture			1			1								1										3	other furniture
010601	pulp/paper			1		2																			3	pulp/paper
010802	chemical fiber				2								1												3	chemical fiber
010807	leather products		1						1									1							3	leather products
011302	measuring instruments									1							2								3	measuring instruments
011601	electric utility service						1	1										1							3	electric utility service
030108	sand collapse prevention civil engineering work													1				1		1					3	sand collapse prevention ci
040202	bus service									1				1				1							3	bus service
040302	specific truck transportation service											1					1				1				3	specific truck transportatio
080101	all kinds of wholesale					1	1										1								3	all kinds of wholesale
080401	warehousing							1	1			1													3	warehousing
090209	other advertisement and mediator							3																	3	other advertisement and mediator
110101	telecommunication service							1					1						1						3	telecommunication service
010106	soft drinks														1			1							2	soft drinks
010409	other lumber and wood products										1							1							2	other lumber and wood products

010809	chemical fertilizer products			1				1														2	chemical fertilizer products
030107	river civil engineering work				1													1				2	river civil engineering work
050201	general harbor transportation service								1			1										2	general harbor transportation service
050202	port cargo handling service	1															1					2	port cargo handling service
070201	fishery										1								1			2	fishery
080302	beauty salon	2																				2	beauty salon
090103	insurance business		1				1															2	insurance business
120102	software service	2																				2	software service
130109	other medical treatment service				1								1									2	other medical treatment service
130301	bathhouse										1									1		2	bathhouse
010502	metal furniture					1																1	metal furniture
010702	bookbinding						1															1	bookbinding
011304	watch products		1																			1	watch products
011603	city water service								1													1	city water service
030111	port/seaside construction work							1														1	port/seaside construction work
040101	railroad service													1								1	railroad service
040209	other passenger transport service	1																				1	other passenger transport
040309	other land cargo transportation service									1												1	other land cargo transportation service
080102	furniture/fittings wholesale				1																	1	furniture/fittings wholesale
080203	furniture/fittings retail			1																		1	furniture/fittings retail
010201	silk-reeling																						silk-reeling
010202	cotton-spinning																						cotton-spinning
010301	over/under wear																						over/under wear

010402	plywood														plywood
010402															
010709	other printing and														other printing and
	bookbinding			_	_										bookbinding
010904	fire resisting products														fire resisting products
010905	other ceramic products														other ceramic products
011201	western tableware/cutting														western tableware/cutting
011201	tool products														tool products
011202	screw products														screw products
011503	railway vehicle products														railway vehicle products
011609	other electric/gas/water														other electric/gas/water
	service														service
011704	tobacco products														tobacco products
020101	general coal mining														general coal mining
020109	other coal mining														other coal mining
020202	gravel digging														gravel digging
020209	other quarrying														other quarrying
020301	metal mining														metal mining
020302	petroleum mining														petroleum mining
030101	hydroelectric plant														hydroelectric plant
030101	construction work														construction work
030103	subway construction work														subway construction work
040102	water transportation service														water transportation service
040103	airline service														airline service
050300	other harbor transportation														other harbor transportation
050209	service														service
070209	other fishery														other fishery
080301	haircut														haircut

090101	banking/trust business																										banking/trust business
090102																											stock/commodity trade
	business																										business
090201	traveling service																										traveling service
100102	movie theatre																										movie theatre
100109	other movie/play service																										other movie/play service
120101	auto mobile practical training																										auto mobile practical training
150104	cremation service																										cremation service
150105	livestock process service																										livestock process service
160101	public office																										public office
170101	dispatch service																										dispatch service
170202	information processing																										information processing
	service																										service
	total	129	114	129	105	115	112	104	144	113	107	106	93	86	73	83	87	83	81	44	85	128	61	54	70	2,306	total

Data source: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html

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