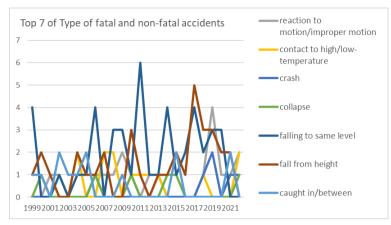
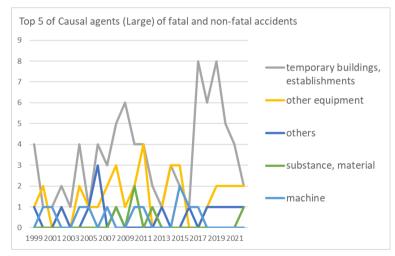
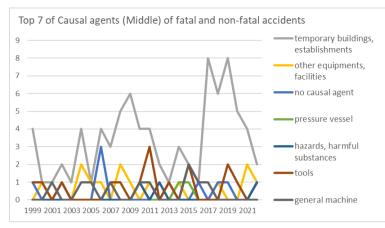
#### Transition of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)



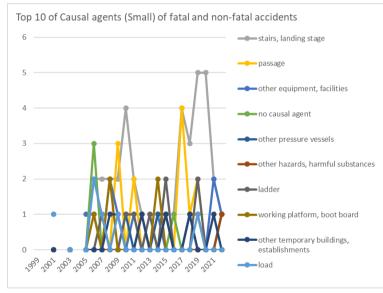
Transition of Top 7 of Type of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)



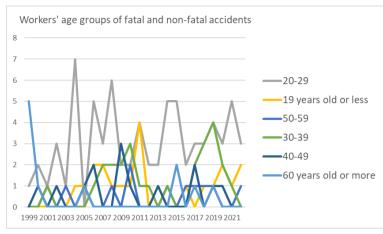
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)



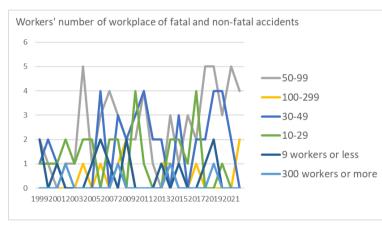
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)



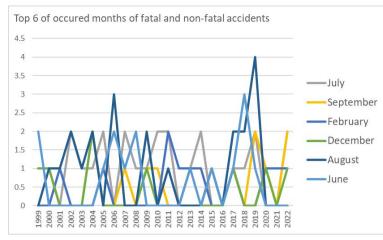
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)



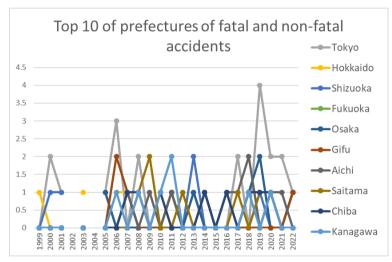
Transition of workers' age groups of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)



Transition of Top 6 of occured months of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)

Type of accidents	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	Type of accidents
reaction to																										reaction to
motion/improper			1	1				1	1	1	2	1		1	1					1	4	1	1	2	19	motion/improper
motion																										motion

contact to high/low- temperature						2			2	2		1	1	1	1					1				2		contact to high/low- temperature
crash								1												1	2		1	1	6	crash
collapse		1						1				1				1	1							1	6	collapse
falling to same level	4			1		1	1	4		3	3	1	6	1	1	4	1	2	4	2	3	3			45	falling to same level
fall from height	1	2	1			2	1	1	2			3	1		1	1	2	1	5	3	3	2	2		34	fall from height
caught in/between	1	1		2	1	1	2				1						2						2		13	caught in/between
cut			1			2			1	2	1	1					1	1				1			11	cut
struck by flying or falling object								1		1	1														3	struck by flying or falling object
crashed by					1					1												1			3	crashed by
traffic accident (public road)									1							1									2	traffic accident (public road)
others								1															1		2	others
injury to the sole of the foot													1												1	injury to the sole of the foot
contact to harmful substance												1													1	contact to harmful substance
drown																										drown
electric shock																										electric shock
explosion																										explosion

burst																										burst
fire																										fire
traffic accident																										traffic accident
(others)																										(others)
unclassifiable																										unclassifiable
total	6	4	3	4	2	8	4	10	7	10	8	9	9	3	4	7	7	4	9	8	12	8	7	6	159	total

# Transition of Causal agents (Large) of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)

Causal (L) agents	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	Causal (L) agents
temporary buildings, establishments	4	1	1	2	1	4	1	4	3	5	6	4	4	2	1	3	2	1	8	6	8	5	4	2	82	temporary buildings, establishments
other equipment	1	2		1		2	1	1	2	3	1	2	4		1	3	3			1	2	2	2	2	36	other equipment
others	1			1			1	3		1					1			1		1	1	1	1	1	14	others
substance, material										1		2		1										1	5	substance, material
machine		1	1			1	1		1			1	1				2	1	1						11	machine
load			1			1		2	1		1										1				7	load
crane, conveying machine					1											1		1							3	crane, conveying machine
environment															1										1	environment

### total

### Transition of Causal agents (Middle) of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)

Causal (M) agents	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	Causal (M) agents
temporary buildings, establishments	4	1	1	2	1	4	1	4	3	5	6	4	4	2	1	3	2	1	8	6	8	5	4	2	82	temporary buildings, establishments
other equipments, facilities		1				2	1	1		2	1		1			1				1			2	1	14	other equipments, facilities
no causal agent	1			1				3							1			1		1	1			1	10	no causal agent
pressure vessel												1				1	1							1	4	pressure vessel
hazards, harmful substances												1		1										1	3	hazards, harmful substances
tools	1	1		1					1	1		1	3		1		2				2	1			15	tools
general machine			1			1	1		1			1	1				2	1	1						10	general machine
load			1			1		2	1		1										1				7	load
other causal agent							1			1												1	1		4	other causal agent
conveying machine					1											1		1							3	conveying machine

human power machine,					1					1			1		3	human power
tools															<u> </u>	machine, tools
materials						1	1								2	materials
power transmission mechanism	1														1	power transmission mechanism
natural environment									1						1	natural environment
engine																engine
woodworking machine																woodworking machine
construction machine																construction machine
metal manufacturing machine																metal manufacturing machine
mobile silviculture machine																mobile silviculture machine
crane																crane
vehicle																vehicle
chemical facilities																chemical facilities
welding equipment																welding equipment

kiln, caldron																										kiln, caldron
alastris aquinmont																										electric
electric equipment																										equipment
unclassifiable																										unclassifiable
total	6	4	3	4	2	8	4	10	7	10	8	9	9	3	4	7	7	4	9	8	12	8	7	6	159	total

# Transition of Causal agents (Small) of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)

Causal (S) agents	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	Causal (S) agents
stairs, landing stage			1					2	2	2	2	4	2	1				1	4	3	5	5	2	1	37	stairs, landing stage
passage									1		3		2			1	1		4	1	2			1	16	passage
other equipment, facilities							1	1		2	1		1			1				1			2	1	11	other equipment, facilities
no causal agent								3							1			1		1	1			1	8	no causal agent
other pressure vessels												1				1	1							1	4	other pressure vessels
other hazards, harmful substances														1										1	2	other hazards, harmful substances
ladder									1			1	1		1		2				2				8	ladder
working platform, boot board								1		2						2				1	1				7	working platform, boot board
other temporary buildings, establishments										1	1			1			1			1			1		6	other temporary buildings, establishments
load			1					2	1		1										1				6	load
other general																										other general

power machines		1		1				1				1		1				5	power machines
food manufacturing machine						1			1			1	1					4	food manufacturing machine
other tools							1		2							1		4	other tools
building, establishment			1		1					1							1	4	building, establishment
other causal agent				1			1									1	1	4	other causal agent
truck											1		1					2	truck
human power hauling equipment						1					1							2	human power hauling equipment
metal material							1	1										2	metal material
other powered conveying machines			1															1	other powered conveying machines
hand tool																1		1	hand tool
scaffolding				1														1	scaffolding
harmful substance								1										1	harmful substance
other environments										1								1	other environments
engine																			engine
power transmission mechanism																			power transmission mechanism
circular sawing machine																			circular sawing machine
band sawing machine																			band sawing machine

wood planer													wood planer
machine													machine
hollow chisel													hollow chisel
mortiser, wood													mortiser, wood
borer													borer
chamfering													chamfering
machine, router,													machine, router,
woodworking													woodworking
milling machine													milling machine
chain saw													chain saw
other woodworking													other woodworking
machines													machines
leveling,													leveling,
transporting or													transporting or
loading machine													loading machine
excavating machine													excavating machine
foundation work													foundation work
machine													machine
hardening machine													hardening machine
demolition machine													demolition machine
vehicle for high lift													vehicle for high lift
work													work
other construction													other construction
machines													machines
lathe													lathe

drill press, milling	drill press, milling
machine	machine
grinding machine,	grinding machine,
buffing machine	buffing machine
power press	power press
forging pressure	forging pressure
hammer	hammer
shearing machine	shearing machine
other metal	other metal
manufacturing	manufacturing
machines	machines
centrifugal machine	centrifugal machine
mixer, grinder	mixer, grinder
roll machine (except	roll machine (except
printingroll	printingroll
machine)	machine)
injection molding	injection molding
machine	machine
printing machine	printing machine
industrial robot	industrial robot
felling machine	felling machine
mobile logging	mobile logging
machine	machine
skyline yarding	skyline yarding
machine	machine

other mobile	other mobile
silviculture machine	silviculture machine
crane	crane
mobile crane	mobile crane
derrick crane	derrick crane
elevator, lift	elevator, lift
cargo lifting	cargo lifting
appliance	appliance
gondola	gondola
lumberyard	lumberyard
equipment, logging	equipment, logging
cableway	cableway
simple skyline	simple skyline
yarding equipment	yarding equipment
other powered	other powered
crane	crane
forklift	forklift
railway equipment	railway equipment
conveyor	conveyor
loader	loader
straddle carrier	straddle carrier
rough terrain hauler	rough terrain hauler
cars, bus,	cars, bus,
motorcycle	motorcycle

railway vehicle													railway vehicle
other vehicles													other vehicles
boiler													boiler
pressure vessel													pressure vessel
chemical facilities													chemical facilities
gas welding equipment													gas welding equipment
arc welding equipment													arc welding equipment
other welding equipment													other welding equipment
kiln, caldron													kiln, caldron
ndustrial dryer													industrial dryer
other kiln, caldron													other kiln, caldron
transmission													transmission
electric power facilities													electric power facilities
other electrical equipment													other electrical equipment
human power cranes													human power cranes
human power machine													human power machine
slinging tool													slinging tool

timbering													timbering
opening													opening
roof, beam, haze,													roof, beam, haze,
crossbeam,													crossbeam,
principal rafter													principal rafter
explosive substance													explosive substance
inflammable													inflammable
substance													substance
inflammable gas													inflammable gas
radiation													radiation
lumber, bamboo													lumber, bamboo
stone, sand,													stone, sand,
substance													substance
other materials													other materials
machine/equipment													machine/equipment
as load													as load
natural ground,													natural ground,
rock													rock
standing tree													standing tree
water													water
abnormal													abnormal
environment													environment
high/cold													high/cold
temperature													temperature
environment													environment

unclassifiable																									unclassifiable
total	6	4	3	4	2	8	4	10	7	10	8	9	9	3	4	7	7	4	9	12	8	7	6	159	total

### Transition of workers' age groups of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)

Age	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	Age
20-29	1	2	1	3	1	7		5	3	6	2	2	4	2	2	5	5	2	3	3	4	3	5	3	74	20-29
19 years old or less						1	1	2	2	1	1	1	4		1			1		1	1	2	1	2	22	19 years old or less
50-59			1		1		1			1		2				1		1	1	1	1			1	12	50-59
30-39			1					1	2	2	2	3	1	1		1			2	3	4	2	1		26	30-39
40-49		1		1			1	2			3	1			1				2		1	1			14	40-49
60 years old or	5	1					1										2		1		1				11	60 years old or
more																	<u>د</u>									more
total	6	4	3	4	2	8	4	10	7	10	8	9	9	3	4	7	7	4	9	8	12	8	7	6	159	total

### Transition of workers' number of workplace of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)

Workers scale	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	Workers scale
50-99	2	1		1	1	5	1	3	4	3	2	2	4	1		3	1	3	2	5	5	3	5	4	61	50-99
100-299						1		1		1	2				1	1			1					2	10	100-299
30-49	1	2	1					4		3	2	3	4	2	2		3		2	2	4	4	2		41	30-49
10-29	1	1	1	2	1	2	2		2	2		4	1			2	2	1	4			1			29	10-29
9 workers or less	2		1				1	2	1		2				1		1			1	2				14	9 workers or less
300 workers or				1						1						1					1				4	300 workers or
more										<u> </u>																more
total	6	4	3	4	2	8	4	10	7	10	8	9	9	3	4	7	7	4	9	8	12	8	7	6	159	total

Month	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	Month
July				2	1	1	2		2	1	1	2	2		1	2			1	1	2			2	23	July
September	1	1				2			1		1	1							1		2	1		2	13	September
February			1				1						2	1	1	1			1			1	1	1	11	February
December	1	1				2					1								1			1		1	8	December
August		1	1	2	1	2		3			2		1				1		2	2	4				22	August
June	2						1	2	1	2					1		1		1	3	1				15	June
October									1	1	2	1	2	1					1	1		1	2		13	October
May			1						1	2		2	1			2		1			2				12	May
November	1					1			1	1				1		1		1	1		1	2	1		12	November
April								1				2				1	3	1		1			2		11	April
March	1							2		2	1	1	1				1						1		10	March
January		1						2		1					1		1	1				2			9	January
total	6	4	3	4	2	8	4	10	7	10	8	9	9	3	4	7	7	4	9	8	12	8	7	6	159	total

#### Transition of occured months of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)

### Transition of prefectures of fatal and non-fatal accidents in 100102 movie theatre in Japan (1999-2022)

Prefecture	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	Prefecture
Tokyo		2	1				1	3		2		1				1			2		4	2	2	1	22	Tokyo
Hokkaido	1				1			1	1	1			1											1	7	Hokkaido
Shizuoka		1	1										1		2						1			1	7	Shizuoka
Fukuoka							1		1						1			1		1		1		1	7	Fukuoka
Osaka							1								1					1	2			1	6	Osaka

I							<u> </u>		L	L					<u> </u>			L	<u> </u>	<u> </u>			<u> </u>
Gifu						2	1				1										1	5	Gifu
Aichi							1		1		1		1		1	1	2		1	1		10	Aichi
Saitama								1	2			1	1			1		1	1			8	Saitama
Chiba							1	1		1			1		1		1	1	1			8	Chiba
Kanagawa						1		1		1	2						1		1			7	Kanagawa
Fukui	1									1	1			1		1						5	Fukui
Kyoto								1				1					1	1		1		5	Kyoto
Нуодо									1	1				1		1				1		5	Нуодо
Fukushima						1			1							1			1			4	Fukushima
Miyagi													1					1		1		3	Miyagi
Saga							1		1				1									3	Saga
Oita	1										1			1								3	Oita
Okinawa										1					1	1						3	Okinawa
Aomori								1						1								2	Aomori
Ibaraki										1							1					2	Ibaraki
Gunma																		1		1		2	Gunma
Nagano	1												1									2	Nagano
Mie			1		1																	2	Mie
Shiga						1			1													2	Shiga
Yamaguchi	1	1																				2	Yamaguchi
Kumamoto										1				1								2	Kumamoto
Kagoshima											1	1										2	Kagoshima
Akita														1								1	Akita

Yamagata								1																	1	Yamagata
Tochigi										1															1	Tochigi
Niigata	1																								1	Niigata
Ishikawa									1																1	Ishikawa
Nara										1															1	Nara
Shimane											1														1	Shimane
Hiroshima																	1								1	Hiroshima
Tokushima					1																				1	Tokushima
Ehime																			1						1	Ehime
Nagasaki												1													1	Nagasaki
lwate																										lwate
Toyama																										Toyama
Yamanashi																										Yamanashi
Wakayama																										Wakayama
Tottori																										Tottori
Okayama																										Okayama
Kagawa																										Kagawa
Kochi																										Kochi
Miyazaki																										Miyazaki
total	6	4	3	4	2	8	4	10	7	10	8	9	9	3	4	7	7	4	9	8	12	8	7	6	159	total

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