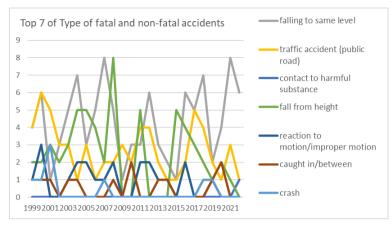
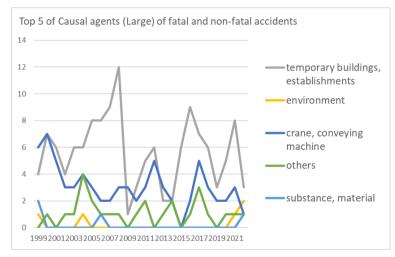
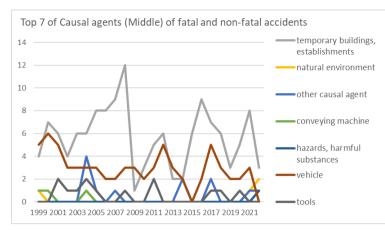
Transition of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)



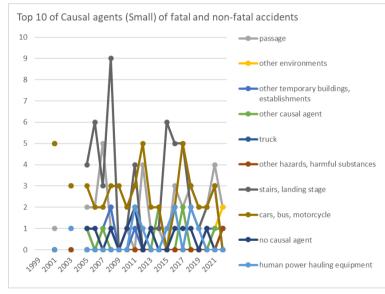
Transition of Top 7 of Type of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)



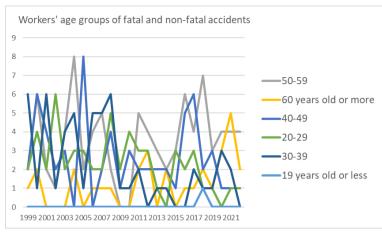
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)



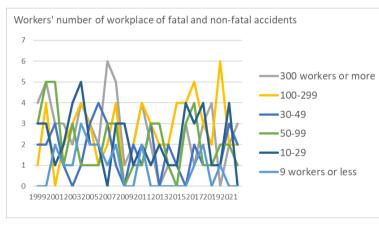
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)



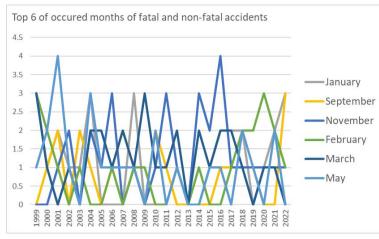
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)



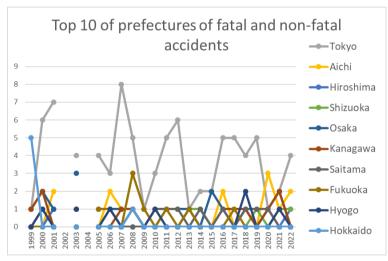
Transition of workers' age groups of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)



Transition of Top 6 of occured months of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 090102 stock/commodity trade business 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
falling to same level	4	6	1	3	5	7	3	5	8	5	1	3	3	6	3	2	1	6	5	7	2	4	8	6	104	falling to same level
traffic accident (public	4	6	5	3	3	1	3	1	2	2	3	2	4	4	2	1	1	2	5	4	2	1	3	1	65	traffic accident

road)																									(public road)
contact to harmful substance																							1	1	contact to harmful substance
fall from height	2	2	3	2	3	5	5	4	2	8		5				5	4	3	2	1	2	1		59	fall from height
reaction to motion/improper motion	1	3			1	2	2	1	1	2		2	2	1	1		2			1				22	reaction to motion/improper motion
caught in/between	1	1	1		1	1				1	2			1	1					1	2			13	caught in/between
crash	1	1	3						1										1	1				8	crash
others						1	1				1				1			2				1		7	others
crashed by						1		1										1			2			5	crashed by
struck by flying or falling object			1	1											1									3	struck by flying or falling object
cut									1											1				2	cut
unclassifiable				1																				1	unclassifiable
collapse																									collapse
injury to the sole of the foot																									injury to the sole of the foot
drown																									drown
contact to high/low- temperature																									contact to high/low- temperature
electric shock																									electric shock

explosion																										explosion
burst																										burst
fire																										fire
traffic accident																										traffic accident
(others)																										(others)
total	13	19	14	10	13	18	14	12	15	18	4	8	14	12	7	7	7	14	16	14	9	11	13	8	290	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 090102 stock/commodity trade business 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	7	6	4	6	6	8	8	9	12	1	3	5	6	2	2	6	9	7	6	3	5	8	3	136	temporary buildings, establishments
environment	1					1																	1	2	5	environment
crane, conveying machine	6	7	5	3	3	4	3	2	2	3	3	2	3	5	3	2		2	5	3	2	2	3	1	74	crane, conveying machine
others		1		1	1	4	2	1	1	1		1	2		1	2		1	3	1		1	1	1	26	others
substance, material	2							1																1	4	substance, material
other equipment		2	3	2	2	2	1		3	1		1	4	1	1	1	1	2	1	3	3	2			36	other equipment
load		2				1				1										1	1	1			7	load
machine					1							1													2	machine

total

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	7	6	4	6	6	8	8	9	12	1	3	5	6	2	2	6	9	7	6	3	5	8	3	136	temporary buildings, establishments
natural environment	1					1																	1	2	5	natural environment
other causal agent						4	1		1							2			2				1	1	12	other causal agent
conveying machine	1	1				1																		1	4	conveying machine
hazards, harmful substances																								1	1	hazards, harmful substances
vehicle	5	6	5	3	3	3	3	2	2	3	3	2	3	5	3	2		2	5	3	2	2	3		70	vehicle
tools			2	1	1	2	1			1			2						1	1		1			13	tools
no causal agent		1			1		1	1		1		1	2		1			1	1	1		1			13	no causal agent
human power machine, tools		1			1								2	1			1	2		2	2				12	human power machine, tools
other equipments, facilities		1	1	1					2			1			1	1					1	1			10	other equipments,

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)

																		facilities
load		2			1			1					1	1	1		7	load
materials	2					1											3	materials
general machine				1					1								2	general machine
electric equipment							1										1	electric equipment
unclassifiable			1														1	unclassifiable
engine																		engine
power transmission mechanism																		power transmission mechanism
woodworking machine																		woodworking machine
construction machine																		construction machine
metal manufacturing machine																		metal manufacturing machine
mobile silviculture machine																		mobile silviculture machine
crane																		crane
pressure vessel																		pressure vessel
																		chemical

chemical facilities																										facilities
welding equipment																										welding equipment
kiln, caldron																										kiln, caldron
total	13	19	14	10	13	18	14	12	15	18	4	8	14	12	7	7	7	14	16	14	9	11	13	8	290	total

Transition of Causal agents (Small) of fatal and non-fatal accidents in 090102 stock/commodity trade business 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
passage			1		3		2	2	5	1		1		4	1	1		3	2	3	2	2	4	2	39	passage
other environments																							1	2	3	other environments
other temporary																										other temporary
buildings,							1		1	2			1									1	1	1	8	buildings,
establishments																										establishments
other causal agent							1		1							2			2				1	1	8	other causal agent
truck																								1	1	truck
other hazards,																										other hazards,
harmful substances																								I	I	harmful substances
stairs, landing stage			5		3		4	6	3	9		1	4		1	1	6	5	5	2	1	2	3		61	stairs, landing stage
cars, bus,			_								_								_							cars, bus,
motorcycle			5		3		3	2	2	3	3	2	3	5	2	2		2	5	3	2	2	3		52	motorcycle
no causal agent					1		1	1		1		1	2		1			1	1	1		1			12	no causal agent
human power																	_								10	human power
hauling equipment					I								2				1	2		2					10	hauling equipment
other equipment,			1						2			1			1	1					1	1			8	other equipment,

facilities																					facilities
adder			1	1			1			1						1				5	ladder
other tools		2								1					1			1		5	other tools
building, establishment								1	1		2					1				5	building, establishment
load							1									1	1	1		4	load
other general power machines			1						1											2	other general power machines
other vehicles												1								1	other vehicles
transmission						1														1	transmission
hand tool																	1			1	hand tool
opening				1																1	opening
working platform, boot board														1						1	working platform, boot board
metal material					1															1	metal material
engine																					engine
power transmission mechanism																					power transmission mechanism
circular sawing machine																					circular sawing machine
band sawing machine																					band sawing machine
wood planer machine																					wood planer machine

hollow chisel													hollow chisel
mortiser, wood													mortiser, wood
borer													borer
chamfering		Ī											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
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
food manufacturing	food manufacturing
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

rane I <	other mobile	other mobile
noble crane I <td< td=""><td>silviculture machine</td><td>silviculture machine</td></td<>	silviculture machine	silviculture machine
ierick crane i <t< td=""><td>crane</td><td>crane</td></t<>	crane	crane
iewator, lift i <	mobile crane	mobile crane
argo iffing argo iffing applance bill argo iffing applance bill applance bill ando ando <td>derrick crane</td> <td>derrick crane</td>	derrick crane	derrick crane
ipplance i<	elevator, lift	elevator, lift
umberyard	cargo lifting appliance	
adipment, logging I	gondola	gondola
varding equipmentIII <td>Iumberyard equipment, logging Image: Cableway Im</td> <td>equipment, logging</td>	Iumberyard equipment, logging Image: Cableway Im	equipment, logging
raneII<	simple skyline yarding equipment	
ailway equipment a	other powered crane	
conveyor I <td>forklift</td> <td>forklift</td>	forklift	forklift
oader Image: Constraint frage in the constraint frage in t	railway equipment	railway equipment
straddle carrier	conveyor	conveyor
rough terrain hauler	loader	loader
	straddle carrier	straddle carrier
other powered other powered other powered other powered	rough terrain hauler	rough terrain hauler
	other powered	other powered
conveying machines conveying machines conveying machines	conveying machines	conveying machines

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

timbering													timbering
oof, beam, haze,													roof, beam, haze,
crossbeam,													crossbeam,
principal rafter													principal rafter
explosive substance													explosive substance
nflammable													inflammable
substance													substance
nflammable gas													inflammable gas
harmful substance													harmful substance
radiation													radiation
umber, 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
nigh/cold													high/cold
temperature													temperature

environment																										environment
unclassifiable																										unclassifiable
total	13	19	14	10	13	18	14	12	15	18	4	8	14	12	7	7	7	14	16	14	9	11	13	8	290	total

Transition of workers' age groups of fatal and non-fatal accidents in 090102 stock/commodity trade business 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
50-59	2	6	2	1	4	8	2	4	5	2			5	4	3	2	3	6	4	7	3	4	4	4	85	50-59
60 years old or	1	2				2		1	1	1			2	3		2		1	1	2	1	3	5	2	30	60 years old or
more								•		·								•								more
40-49	2	6	4	2	3		8		2	4	1	3	2	2	2	2	1	5	6	2	3	1	1	1	63	40-49
20-29	2	4	2	6	2	3	3	2	2	5	2	4	3	3	1		3	2	3	1	1		1	1	56	20-29
30-39	6	1	6	1	4	5	1	5	5	6	1	1	2		1	1			2	1	1	3	2		55	30-39
19 years old or less																				1					1	19 years old or less
total	13	19	14	10	13	18	14	12	15	18	4	8	14	12	7	7	7	14	16	14	9	11	13	8	290	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 090102 stock/commodity trade business 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
300 workers or	4	5	3	3	2	4	3	2	6	5	1	2	4	2		1	1	3	1	3	4		2	3	64	300 workers or
more																										more
100-299	1	4		2	3	4	3	1	2	4		2	4	3	2	2	4	4	5	3	2	6	2	2	65	100-299
30-49	2	2	3	1		1	3	4	3	1		2	1	3		2	1		2	1	1	1	3	2	39	30-49
50-99	3	5	5	1	3	1	1	1	3	3		1	1	3	3	1		3	4	1	1	2	2	1	49	50-99
10-29	3	3	1	2	4	5	2	2		3	3	1	2	1	2	1	1	4	3	4	1	1	4		53	10-29
9 workers or less			2	1	1	3	2	2	1	2			2						1	2		1			20	9 workers or less

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
January	3	1	2	1	1	3				3				1			1	2	2	2		1	2	3	28	January
September		1	2		2	1		1	2	1		2	1					1	1	1	1			3	20	September
November			1	2		2	1	3		1		1	3	1		3	2	4	1	1	1	1	1	1	30	November
February	3	2	1		1			1		1	1			1		1			1	2	2	3	2	1	23	February
March	3	1		1		2	2	1	2	1	3	1	1	2		2	1	2	2	1		1	1		30	March
Мау	1	2	4	1		3	1	1	1	1		2		1			1	1		2	1		2		25	May
June	2		1		1	3	3		2	2			4		2		1		1	1	1		1		25	June
April	1	1		3	2	1			2	1		1	1	3				1	2		2	1	1		23	April
December		4	2		2		1	1	1	3		1	2	1				3	1				1		23	December
July		3		1	2			2	1	1			1		3				2	2		2	1		21	July
August		4	1	1	1	1	3	1	3	1			1	1					1	2					21	August
October					1	2	3	1	1	2				1	2	1	1		2		1	2	1		21	October
total	13	19	14	10	13	18	14	12	15	18	4	8	14	12	7	7	7	14	16	14	9	11	13	8	290	total

Transition of occured months of fatal and non-fatal accidents in 090102 stock/commodity trade business in Japan (1999-2022)

Transition of prefectures of fatal and non-fatal accidents in 090102 stock/commodity trade business 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	1	6	7		4		4	3	8	5	1	3	5	6	1	2	2	5	5	4	5	1	2	4	84	Tokyo
Aichi			2		1			2	1	1		1			1	1		2		1		3	1	2	19	Aichi
Hiroshima			1		1										1					1		1		1	6	Hiroshima
Shizuoka															1	1					1		1	1	5	Shizuoka

Osaka	1	2	1	3	1	1	1	1			1	1	1		2	1				1	2	20	Osaka
Kanagawa	1	2					1	1								1	1	1		1	2	11	Kanagawa
Saitama		1				1				1	1	1		1		1		1	1	1		10	Saitama
Fukuoka				1	 1	1		3	1		1		1				1					10	Fukuoka
Нуодо		1		1		1		1		1								2			1	8	Нуодо
Hokkaido	5							1														6	Hokkaido
lwate				1				1			2	1										5	lwate
Ibaraki													1	1	1		1	1				5	Ibaraki
Mie							2				1							2				5	Mie
Nara					1			1									2		1			5	Nara
Miyagi		1															1	1		1		4	Miyagi
Gunma					1						2					1						4	Gunma
Chiba						1	1					1				1						4	Chiba
Gifu		1						1			1						1					4	Gifu
Kyoto								2	1	1												4	Kyoto
Shimane	1	1														2						4	Shimane
Akita			1				1										1					3	Akita
Toyama	1	1																			1	3	Toyama
Yamanashi					2	1																3	Yamanashi
Nagano		1			1												1					3	Nagano
Tokushima	1	1	1																			3	Tokushima
Nagasaki		1				1														1		3	Nagasaki
Aomori			1																1			2	Aomori

Yamagata											1						1								2	Yamagata
Tochigi														1					1						2	Tochigi
Kumamoto							1							1											2	Kumamoto
Fukushima												1													1	Fukushima
Niigata																			1						1	Niigata
Ishikawa																							1		1	Ishikawa
Fukui	1																								1	Fukui
Wakayama																							1		1	Wakayama
Tottori																							1		1	Tottori
Okayama																						1			1	Okayama
Kagawa	1																								1	Kagawa
Kochi							1																		1	Kochi
Saga																1									1	Saga
Oita																	1								1	Oita
Kagoshima					1																				1	Kagoshima
Okinawa							1																		1	Okinawa
Shiga																										Shiga
Yamaguchi																										Yamaguchi
Ehime																										Ehime
Miyazaki																										Miyazaki
total	13	19	14	10	13	18	14	12	15	18	4	8	14	12	7	7	7	14	16	14	9	11	13	8	290	total

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