Fatal and non-fatal accidents in chemical fiber in Japan in 1999-2022

chemical fiber industry Code No.010802

Type of accidents in chemical fiber in 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
fall from height	3	6	5	3	6	1	5	4	5	2	1	6	2	4	4	3	1	4	3	3	2	2	1	3	79
falling to same level	8	9	6	4	6	6	5	6	5	6	3	4	3	4	5	5	1	5	6	4	8	1	8	3	121
crash		2	1			3	1	1	1	4	1		1	1	2	1	1	1	2		2	1	1	1	28
struck by flying or falling object	2	4	1	3		2	1	4		2			2	2	1	2	2		1	1	1			1	32
collapse		2		2		1			1					1									1		8
crashed by	2		2	2	1		1		1	1		1	1	1	1	1	5		1	1			2		24
caught in/between	25	27	21	23	13	18	14	10	20	15	9	8	9	12	16	13	11	14	15	10	11	11	8	6	339
cut	3	1	8	7	3	2	5	1	5	2	1	3		3	2		1	1	2	2	1		5	1	59
injury to the sole of the foot					1	1																			2
drown			1																						1
contact to high/low-	3	6	2	3	2	1	1	1	1	2	1	1	1	1	1	1	1	1	3	2	3		2	1	41

temperature																									
contact to harmful substance				1		2	1		1					3		2	2	1	1					1	15
electric shock																								1	1
explosion				2																1		1			4
burst			1																						1
fire				2								1													3
traffic accident (public road)														1											1
traffic accident (others)						1																			1
reaction to motion/improper motion	4	7	2	3	3	3	5	3	3	3		4	3	3	7	1	3	1	5	4	3	2	2	4	78
others			1							1											1		2		5
unclassifiable			1																					1	2
total	50	64	52	55	35	41	39	30	43	38	16	28	22	36	39	29	28	28	39	28	32	18	32	23	845

Causal agents (large) of fatal and non-fatal accidents in chemical fiber in 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
machine	21	28	25	22	11	16	17	9	21	14	8	12	10	8	15	11	13	11	14	8	12	10	11	7	334

crane, conveying machine	8	8	4	3	3	7	3	1	4	7	2		4	5	3	3	4	5	4	2	1		3		84
other equipment	5	7	9	13	13	5	6	7	5	6	3	5	4	6	5	3	4	3	6	6	3	3	6	6	139
temporary buildings, establishments	8	9	9	6	3	7	4	6	7	6	1	4	1	7	8	6	1	4	7	5	8	2	7	5	131
substance, material	4	3		6	2	3	4	4	1	2	2	3	1	3		3	4	3	1	1	3	1	1	2	57
load	2	4	2	5		1	3	2	4	2		2	2	4	5	1	1	2	2	3			1		48
environment		1			1	1						2			1	2			4		1			1	14
others	2	4	3		2	1	2	1	1	1				3	2		1		1	3	4	2	3	2	38
total	50	64	52	55	35	41	39	30	43	38	16	28	22	36	39	29	28	28	39	28	32	18	32	23	845

Causal agents (middle) of fatal and non-fatal accidents in chemical fiber in 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
engine						1																	1		2
power transmission mechanism		2	2	1		1	1		1	2					1	1		1	3	1			1		18
woodworking machine			1																				1		2

construction machine												1							1						2
metal manufacturing machine	1	3	1			1		1	1						1	1									10
general machine	20	23	21	21	11	13	16	8	19	12	8	11	10	8	13	9	13	10	10	7	12	10	8	7	300
mobile silviculture machine																									
crane	2	1													1						1				5
conveying machine	6	5	4	3	2	6	3	1	4	7	2		1	4	2	3	4	5	3	2			2		69
vehicle		2			1	1							3	1					1				1		10
pressure vessel				1							1									1					3
chemical facilities	2	1		1		1																1		1	7
welding equipment																									
kiln, caldron				1								1			1									1	4
electric equipment																				2					2
human power machine, tools	1	4	6	4	6	2	1	2	1	2	1	1	1	4	2	1	2		2	3	2	1	5	3	57
tools	2	2		3	5	1	3	4	4	2	1	2	2	1	2	1		3	3			1	1	1	44

other equipments, facilities			3	3	2	1	2	1		2		1	1	1		1	2		1		1				22
temporary buildings, establishments	8	9	9	6	3	7	4	6	7	6	1	4	1	7	8	6	1	4	7	5	8	2	7	5	131
hazards, harmful substances	2	1		3	1	2	2		1	1		1	1	3		2	3	1	1	1	1		1		28
materials	2	2		3	1	1	2	4		1	2	2				1	1	2			2	1		2	29
load	2	4	2	5		1	3	2	4	2		2	2	4	5	1	1	2	2	3			1		48
natural environment		1			1	1						2			1	2			4		1			1	14
other causal agent	1	1						1	1					1						1	2		2		10
no causal agent	1	3	1		2	1	2			1				2	2		1		1	1	2	2	1	2	25
unclassifiable			2																	1					3
total	50	64	52	55	35	41	39	30	43	38	16	28	22	36	39	29	28	28	39	28	32	18	32	23	845

Causal agents (small) of fatal and non-fatal accidents in chemical fiber in 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
engine																							1		1
power transmission mechanism			2				1		1	2					1	1		1	3	1			1		14

circular sawing machine			1																				1		2
band sawing machine																									
wood planer machine																									
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																									
other woodworking machines																									
leveling, transporting or loading machine																									
excavating machine																									
foundation work machine																									

hardening machine																									
demolition machine																			1						1
vehicle for high lift work												1													1
other construction machines																									
lathe															1										1
drill press, milling machine																									
grinding machine, buffing machine																1									1
power press			1					1	1																3
forging pressure hammer																									
shearing machine																									
other metal manufacturing machines																									
centrifugal machine									1	1															2
mixer, grinder			1				1		2				1					1							6
roll machine (except printingroll			9		4			4	8	3	5	2	3	2	6	3	3	3	3	1	3	6	4	3	75

machine)																									
injection molding machine																									
food manufacturing machine																									
printing machine			1		2		2																1		6
industrial robot																							1		1
other general power machines			10		5		13	4	8	8	3	9	6	6	7	6	10	6	7	6	9	4	2	4	133
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane															1						1				2
mobile crane																									
derrick crane																									
elevator, lift																									
cargo lifting appliance																									

gondola																									
lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																									
truck			2						1	1								2	1	1					8
forklift					1		2	1		4	1		1	1	1	2	3	2	2				1		22
railway equipment																									
conveyor			1		1		1		1	1	1			3	1	1	1			1			1		14
loader																									
straddle carrier																									
rough terrain hauler																									
other powered conveying machines			1						2	1								1							5
cars, bus, motorcycle					1								3	1											5
railway vehicle																									
other vehicles																			1				1		2

boiler																									
pressure vessel											1														1
other pressure vessels																				1					1
chemical facilities																						1		1	2
gas welding equipment																									
arc welding equipment																									
other welding equipment																									
kiln, caldron																									
industrial dryer												1			1										2
other kiln, caldron																								1	1
transmission																									
electric power facilities																				2					2
other electrical equipment																									
human power cranes																	1								1
human power																									

hauling equipment			1		3		1	1				1		3	1	1			1	2	1			1	17
human power machine									1																1
hand tool			5		3			1		2	1		1	1	1		1		1	1	1	1	5	2	27
ladder					4		2	2	2		1	2		1	1			2	1			1	1	1	21
slinging tool								2																	2
other tools					1		1		2	2			2		1	1		1	2						13
other equipment, facilities			3		2		2	1		2		1	1	1		1	2		1		1				18
scaffolding					1							1				1									3
timbering																									
stairs, landing stage			1				1	1	2	2			1		2	1	1	1		1	1	1		1	17
opening																									
roof, beam, haze, crossbeam, principal rafter								1																	1
working platform, boot board			1					1	2	1	1			1	2			1	2		1		2		15
passage			2				2	1	3	2		3		3	1	3		2	4	3	5		5	3	42
building, establishment			4		1			2		1				3	1	1					1			1	15

other temporary buildings, establishments			1		1		1								2				1	1		1			8
explosive substance																									
inflammable substance																				1					1
inflammable gas																							1		1
harmful substance							1		1					3			2	1			1				9
radiation																									
other hazards, harmful substances					1		1			1		1	1			2	1		1						9
metal material					1		1	3			1										1	1		1	9
lumber, bamboo							1											1							2
stone, sand, substance																									
other materials								1		1	1	2				1	1	1			1			1	10
load			2				2	2	4	2		2	2	4	5	1	1	2	2	3			1		35
machine/equipment as load							1																		1
natural ground, rock																									
standing tree															1										1

water																									
abnormal environment																									
high/cold temperature environment																1			2		1			1	5
other environments					1							2				1			2						6
other causal agent								1	1					1						1	2		2		8
no causal agent			1		2		2			1				2	2		1		1	1	2	2	1	2	20
unclassifiable			2																	1					3
total	50	64	52	55	35	41	39	30	43	38	16	28	22	36	39	29	28	28	39	28	32	18	32	23	845

Workers age of fatal and non-fatal accidents in chemical fiber in 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
19 years old or less		2		2	2		1	1	3	1	1	1	2	1						1		1			19
20-29	11	12	9	12	4	11	10	6	7	5	2	4	5	6	4	6	6	5	9	4	4	4	9	3	158
30-39	7	14	7	10	11	5	8	4	11	8	6	5	4	11	10	6	6	7	6	6	9	3	6	4	174
40-49	12	10	12	11	5	5	5	5	12	3	2	6	3	9	7	6	10	10	8	9	13	4	3	7	177
50-59	16	23	20	15	12	16	12	9	7	12	5	9	5	3	12	6	3	5	11	5	4	5	9	7	231
60 years old or	4	3	4	5	1	4	3	5	3	9		3	3	6	6	5	3	1	5	3	2	1	5	2	86

more																									
total	50	64	52	55	35	41	39	30	43	38	16	28	22	36	39	29	28	28	39	28	32	18	32	23	845

Workers' number of workplace of fatal and non-fatal accidents in chemical fiber in 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
9 workers or less	5	6	5	9	4	3	4	5	4	2		1		4	1		3		1	2	1	1	1		62
10-29	9	10	9	10	9	6	10	8	6	4		5	4	13	7	5	8	4	7	8	1	1	10	1	155
30-49	5	9	7	9	2	4	5	2	8	3	2	3	3	2	4	3	3	3	3		3		2	2	87
50-99	6	12	5	5	4	8	1	2	4	5	3	7	5	2	4		3	5	5	1	3	2	3	2	97
100-299	11	12	10	15	6	8	7	6	11	15	5	7	6	8	7	15	3	9	11	7	14	10	10	6	219
300 workers or more	14	15	16	7	10	12	12	7	10	9	6	5	4	7	16	6	8	7	12	10	10	4	6	12	225
total	50	64	52	55	35	41	39	30	43	38	16	28	22	36	39	29	28	28	39	28	32	18	32	23	845

Month of fatal and non-fatal accidents in chemical fiber in 1999-2022

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
January	6	4	4	9	4	4	1	3	2	2	3	5	2	6	2	4	4	3	3	2		3	2	1	79
February	3	4	4	3	3	3	4	2	3	2	2		1	5	6	2	5	3	5	4	8	1	5		78
March	4	4	6	4		4	3	2	5	4			3	4	3	1	1	2	5	4	5	4	2	2	72
April	4	8	3	6	2	6	5	1	2	5	1	2	5	4	1	4	1	2		1	3	1	6	1	74

May	3	6	6	3	1	6	1	3	4	2	1	3	2	5	2	1	3	2	2			1	4	2	63
June	4	3	3	3	4	1	2	1	4	2	4	5	1		6	2	1	1	5	3	1	3	3	2	64
July	3	7	5	3	5	5	7	1	6	3		1		4	3	4	4		3	3	4	2	2	8	83
August	2	2	4	4	5	2	2	2	4	4	1	2	1	1	3	3	2	3	4	2	3			2	58
September	8	6	4	6	4	4	2	3	1	4		5		3	3	1	3	3	1	2	1		1		65
October	5	7	6	10	2	2	5	1	3	4	1	3	2	1	5	3	2	2	1	6	3	1	2	2	79
November	5	4	4	2	3	3	4	8	5	2	1	1		2	5	3	1	5	5	1	2	2	1		69
December	3	9	3	2	2	1	3	3	4	4	2	1	5	1		1	1	2	5		2		4	3	61
total	50	64	52	55	35	41	39	30	43	38	16	28	22	36	39	29	28	28	39	28	32	18	32	23	845

Prefecture of fatal and non-fatal accidents in chemical fiber in 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
Hokkaido										1					1	1							2		5
Aomori		2																					1		3
Iwate	1																								1
Miyagi																									
Akita																									
Yamagata								1														1			2
Fukushima							1		2			1			1	1			2	2					10
Ibaraki		1						1		1		1			1				1						6

Tochigi	1	2	3		2		1			2		4				2	2	1	1	1			1		23
Gunma		2	1				4		2					1	2					1					13
Saitama		3	1																		1				5
Chiba	1		1							1			1	1				2							7
Tokyo	3	2																							5
Kanagawa	1	3					3	1																	8
Niigata																		1							1
Toyama	1	2	1		3		3		7	3		2	2	2	2	1	1	3	1				1		35
Ishikawa			1													1		1	2	1		1	1		8
Fukui		2	3				1	4	1	3	1	3	3	1	1	4	2	2	4	4	1		2	1	43
Yamanashi			1																						1
Nagano							1																		1
Gifu	1	2	3				4	3	5	2	1	3		4	7	2	5	1	5	3	3	2	4	2	62
Shizuoka	1	2	2					1	2	2		1	1	1		1	1	1	2	2			1	3	24
Aichi	6	6	4		7		2	3	2	2	3	1	2	5	3		1	2	1		5	2	1	6	64
Mie	1	2	1		3						1										1			1	10
Shiga		3	4		1		1	1	3	5			2	2	4	3		2	2		3		1		37
Kyoto	2	3	1					1	1			1	1	1	2		3	1		3		1	2	1	24
Osaka	4	4	1		3		3	1	2	1			3	3	1	2	3	1	4	3	1	1	6	1	48
Hyogo	3	3	1		2		1		1	2		3		2	1	2	2	1	1	1	6	3			35

Nara										1													1		2
Wakayama			1		2			2	1										1						7
Tottori																									
Shimane	1		1							1			1		2			1	2	2	1	1	3		16
Okayama	5	4	3		2		5	2	4	3	2	2	2	4	5	3	2	2	5	1	4	2	1	3	66
Hiroshima	4	1	3		1		2	1		2	3	1	1	2		1	1	4		1				1	29
Yamaguchi	4	3	6		5		1		3	2		2			1	2			1		2	1	2	1	36
Tokushima		3						1	1					1	2		2	1					1		12
Kagawa		1									1														2
Ehime	6	4	4		3		5	3	3	3	2	3	2	3	3	3	3	1	4	3	4	2	1	2	67
Kochi														1											1
Fukuoka	2	1	4					1	3		1		1	1											14
Saga		1																							1
Nagasaki																									
Kumamoto																									
Oita																									
Miyazaki	2	2	1		1		1	3		1	1			1								1		1	15
Kagoshima																									
Okinawa																									
total	50	64	52	55	35	41	39	30	43	38	16	28	22	36	39	29	28	28	39	28	32	18	32	23	845

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

Data sources: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html

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Fatal accidents in chemical fiber in Japan in 1999-2022

chemical fiber industry Code No.010802

Type of fatal accidents in chemical fiber in 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
fall from height																									
falling to same level																									
crash																									
struck by flying or falling object																									
collapse		1		1																					2
crashed by																									

caught in/between	1	1			2					1								1		1					7
cut																									
injury to the sole of the foot																									
drown			1																						1
contact to high/low-temperature																									
contact to harmful substance																									
electric shock																									
explosion																						1			1
burst																									
fire																									
traffic accident (public road)																									
traffic accident (others)																									
reaction to motion/improper motion																									
others																									

unclassifiable			1																						1
total	1	2	2	1	2					1								1		1		1			12

Causal agents (large) of fatal accidents in chemical fiber in 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
machine	1	1			1					1								1							5
crane, conveying machine		1			1															1					3
other equipment																						1			1
temporary buildings, establishments			1																						1
substance, material																									
load				1																					1
environment																									
others			1																						1
total	1	2	2	1	2					1								1		1		1			12

Causal agents (middle) of fatal accidents in chemical fiber in 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
engine																									
power transmission mechanism																									
woodworking machine																									
construction machine																									
metal manufacturing machine																									
general machine	1	1			1					1								1							5
mobile silviculture machine																									
crane																									
conveying machine		1			1															1					3
vehicle																									
pressure vessel																									
chemical facilities																						1			1
welding																									

equipment																									
kiln, caldron																									
electric equipment																									
human power machine, tools																									
tools																									
other equipments, facilities																									
temporary buildings, establishments			1																						1
hazards, harmful substances																									
materials																									
load				1																					1
natural environment																									
other causal agent																									
no causal agent																									
unclassifiable			1																						1
total	1	2	2	1	2					1								1		1		1			12

Causal agents (small) of fatal accidents in chemical fiber in 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
engine																									
power transmission mechanism																									
circular sawing machine																									
band sawing machine																									
wood planer machine																									
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																									
other woodworking																									

machines																									
leveling, transporting or loading machine																									
excavating machine																									
foundation work machine																									
hardening machine																									
demolition machine																									
vehicle for high lift work																									
other construction machines																									
lathe																									
drill press, milling machine																									
grinding machine, buffing machine																									
power press																									
forging pressure hammer																									
shearing machine																									

other metal manufacturing machines																									
centrifugal machine																									
mixer, grinder																									
roll machine (except printingroll machine)		1			1																				2
injection molding machine																									
food manufacturing machine																									
printing machine																									
industrial robot																									
other general power machines	1									1								1							3
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile																									

silviculture machine																									
crane																									
mobile crane																									
derrick crane																									
elevator, lift																									
cargo lifting appliance																									
gondola																									
lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																									
truck																									
forklift		1																							1
railway equipment																									
conveyor					1														1						2
loader																									
straddle carrier																									

rough terrain hauler																									
other powered conveying machines																									
cars, bus, motorcycle																									
railway vehicle																									
other vehicles																									
boiler																									
pressure vessel																									
other pressure vessels																									
chemical facilities																					1			1
gas welding equipment																									
arc welding equipment																									
other welding equipment																									
kiln, caldron																									
industrial dryer																									
other kiln, caldron																									
transmission																									

electric power facilities																									
other electrical equipment																									
human power cranes																									
human power hauling equipment																									
human power machine																									
hand tool																									
ladder																									
slinging tool																									
other tools																									
other equipment, facilities																									
scaffolding																									
timbering																									
stairs, landing stage																									
opening																									
roof, beam, haze,																									

crossbeam, principal rafter																									
working platform, boot board																									
passage																									
building, establishment			1																						1
other temporary buildings, establishments																									
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance																									
radiation																									
other hazards, harmful substances																									
metal material																									
lumber, bamboo																									
stone, sand, substance																									

other materials																									
load				1																					1
machine/equipment as load																									
natural ground, rock																									
standing tree																									
water																									
abnormal environment																									
high/cold temperature environment																									
other environments																									
other causal agent																									
no causal agent																									
unclassifiable			1																						1
total	1	2	2	1	2					1								1		1		1			12

Workers age of fatal accidents in chemical fiber in 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

19 years old or less																									
20-29			1															1							2
30-39		1			2																				3
40-49		1																		1					2
50-59	1			1						1												1			4
60 years old or more			1																						1
total	1	2	2	1	2					1								1		1		1			12

Workers' number of workplace of fatal accidents in chemical fiber in 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
9 workers or less																									
10-29										1															1
30-49																									
50-99	1			1																1					3
100-299		2	1		1													1				1			6
300 workers or more			1		1																				2
total	1	2	2	1	2					1								1		1		1			12

Month of fatal accidents in chemical fiber in 1999-2022

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
January			1		1															1					3
February		1																							1
March			1																						1
April																									
May																		1							1
June																									
July		1																							1
August																									
September	1																								1
October					1																	1			2
November				1						1															2
December																									
total	1	2	2	1	2					1								1		1		1			12

Prefecture of fatal accidents in chemical fiber in 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
Hokkaido																									

Aomori																									
Iwate																									
Miyagi																									
Akita																									
Yamagata																									
Fukushima																									
Ibaraki																									
Tochigi																									
Gunma																									
Saitama																									
Chiba																									
Tokyo																									
Kanagawa																									
Niigata																									
Toyama		1															1								2
Ishikawa																									
Fukui																									
Yamanashi																									
Nagano																									
Gifu			1							1															2
Shizuoka																									

Aichi			1																						1
Mie																									
Shiga					1																				1
Kyoto																									
Osaka																									
Hyogo																						1			1
Nara																									
Wakayama																									
Tottori																									
Shimane																									
Okayama	1																								1
Hiroshima																									
Yamaguchi		1		1	1																				3
Tokushima																									
Kagawa																									
Ehime																				1					1
Kochi																									
Fukuoka																									
Saga																									
Nagasaki																									

Kumamoto																									
Oita																									
Miyazaki																									
Kagoshima																									
Okinawa																									
total	1	2	2	1	2					1								1		1		1			12

Data sources: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html