

Fatal and non-fatal accidents in textile products in Japan in 1999-2021

textile products industry Code No.0102

Type of accidents in textile products in 1999-2021

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	total	Type of accidents
fall from height	92	89	92	71	73	77	65	74	64	72	55	50	36	37	47	48	53	33	39	43	48	39	41	1,338	fall from height
falling to same level	129	104	107	117	99	77	86	91	77	61	70	62	77	75	81	62	77	63	68	79	66	57	52	1,837	falling to same level
crash	44	37	38	37	27	25	22	22	19	22	15	18	10	17	10	23	12	10	10	14	19	15	6	472	crash
struck by flying or falling object	46	43	29	29	31	20	24	33	18	21	14	13	17	22	9	12	12	18	13	10	12	12	18	476	struck by flying or falling object
collapse	9	6	5	5	5	6	3	4	3	3	4	3	3	6	3	3	3	7	5	2	4	4	2	98	collapse
crashed by	27	28	22	22	20	11	17	15	15	13	15	10	3	12	7	13	8	8	14	16	9	10	7	322	crashed by
caught in/between	350	299	295	267	241	204	189	192	147	163	145	118	132	126	132	133	107	118	133	128	107	85	85	3,896	caught in/between
cut	60	64	57	47	52	33	36	40	31	20	24	15	16	26	20	13	16	18	18	16	23	17	20	682	cut
injury to the sole of the foot	1	1	1	2			1	2				1			1	1			2	1	1			15	injury to the sole of the foot
drown		1											1											2	drown
contact to high/low-temperature	22	30	29	17	16	16	24	11	8	10	9	14	8	10	10	6	7	15	16	8	13	6	9	314	contact to high/low-temperature









engine				1									1				1					3	engine			
power transmission mechanism			29	15		10	12	11	6	8	9	7	6	6	9	9	3	15	12	5	8	10	190	power transmission mechanism		
circular sawing machine			3				1	1	1	2												2	1	11	circular sawing machine	
band sawing machine																									band sawing machine	
wood planer machine																									wood planer machine	
hollow chisel mortiser, wood borer			1																				1		hollow chisel mortiser, wood borer	
chamfering machine, router, woodworking milling machine																									chamfering machine, router, woodworking milling machine	
chain saw																									chain saw	
other woodworking machines			1	1											1		1							1	5	other woodworking machines
leveling, transporting or loading machine																									leveling, transporting or loading machine	
excavating machine													1											1	excavating machine	
foundation work machine																									foundation work machine	

hardening machine																		1					1	hardening machine	
demolition machine																									demolition machine
vehicle for high lift work						1													1					2	vehicle for high lift work
other construction machines																									other construction machines
lathe			1			1									1				1			2		6	lathe
drill press, milling machine					1	3		1	1		1				1									8	drill press, milling machine
grinding machine, buffing machine			1		2					1		1		1	2	1						1		10	grinding machine, buffing machine
power press			1		1			2					1	1	2	1						2		11	power press
forging pressure hammer														1									1	forging pressure hammer	
shearing machine			3		2			1					3	1					1	1			1	13	shearing machine
other metal manufacturing machines			4		2		1	2	2		1	1	1			1		1				3	1	20	other metal manufacturing machines
centrifugal machine			1		1		2	1			1										1			7	centrifugal machine
mixer, grinder			2		2		1	1	1		1	1	1	2	1		3	1	1	1	1			20	mixer, grinder
roll machine (except printingroll machine)			52		40		34	33	24	32	24	30	25	26	32	30	27	24	28	32	17	17	16	543	roll machine (except printingroll machine)
injection molding																									injection molding

machine						1								2									3	machine	
food manufacturing machine								1						1									2	food manufacturing machine	
printing machine			1		4		2	2		1	1	2			1			3				2	19	printing machine	
industrial robot																						1	1	industrial robot	
other general power machines			212		195		154	156	119	125	123	100	96	102	84	85	78	86	86	83	96	58	61	2,099	other general power machines
felling machine																								felling machine	
mobile logging machine																								mobile logging machine	
skyline yarding machine																								skyline yarding machine	
other mobile silviculture machine																								other mobile silviculture machine	
crane			2		4		4		1	3	1		3	3	1	2		7	2	3	3	2	3	44	crane
mobile crane									1				1					1					3	mobile crane	
derrick crane																								derrick crane	
elevator, lift			3		4		2	1	1	3	3	1		1	1	2	1	1	1				25	elevator, lift	
cargo lifting appliance																								cargo lifting appliance	
gondola																								gondola	
lumberyard equipment, logging cableway																								lumberyard equipment, logging cableway	







facilities			18		10		10	13	11	14	6	10	10	12	15	8	7	17	7	9	7	5	5	194	facilities
scaffolding					1					1		1		1	1	1	1				1	2	1	11	scaffolding
timbering																									timbering
stairs, landing stage			19		15		20	26	17	10	13	12	4	11	12	13	8	5	18	12	10	16	6	247	stairs, landing stage
opening			4		1		1	2		1		3			1	5		2	1	1	1			23	opening
roof, beam, haze, crossbeam, principal rafter			1		7		4	1	1	2	2	2	1	1	4	1	2	2	1	2		1		35	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			17		24		17	18	17	18	11	13	12	14	17	9	15	16	13	10	12	7	8	268	working platform, boot board
passage			52		39		36	41	26	35	28	20	32	32	30	28	43	35	26	40	34	30	32	639	passage
building, establishment			15		11		8	6	8	6	10	8	3	5	4	5	4	3	6	9	5	5	9	130	building, establishment
other temporary buildings, establishments			12		10		6	5	8	6	5	4	3	5	4	8	2	5	7	6	1	4	4	105	other temporary buildings, establishments
explosive substance							1																	1	explosive substance
inflammable substance					1		1				1	1	1	1				1						7	inflammable substance
inflammable gas																									inflammable gas
harmful substance			8		8		4	4	1		4	1	2	7	8	2	4	3		2		1	1	60	harmful substance
radiation																									radiation
other hazards, harmful substances			5		2		5	1	3	4	4	2	3	2	4	2	3	3	1	2	2	4	3	55	other hazards, harmful substances

metal material			10		8		4	10	7	4	8	2	6	9	5	7	4	4	4	4	6	7	8	117	metal material
lumber, bamboo					4		3	1	2	1				1	1		1	2		3	1	1	2	23	lumber, bamboo
stone, sand, substance					1			1													1			3	stone, sand, substance
other materials			11		14		11	15	8	10	4	9	11	9	7	6	12	4	12	6	8	4	5	166	other materials
load			38		29		28	27	21	16	25	11	19	18	18	13	11	18	18	14	23	10	13	370	load
machine/equipment as load			3		2		3	4	1	4			2	1	1	1		1	2	2	3			30	machine/equipment as load
natural ground, rock											1						1							2	natural ground, rock
standing tree								2			1											1		4	standing tree
water			1				1	2					2				1	1	1					9	water
abnormal environment																1								1	abnormal environment
high/cold temperature environment			3		2		1	1	1	2		2	1		1	4	1	1	1	3	3	1	3	31	high/cold temperature environment
other environments			2		1		3	4	1	3	1	3	6	2	1	4			2	3	3	2	1	42	other environments
other causal agent			12		1		1	5	5	4	2		1	2	4	1	3	3	3		3	6	16	72	other causal agent
no causal agent			15		12		10	13	19	12	11	11	15	9	14	11	10	12	19	15	19	13	12	252	no causal agent
unclassifiable			4				1	2							3						8			18	unclassifiable
total			744		624		525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	7,715	total

Workers age of fatal and non-fatal accidents in textile products in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less	22	21	14	15	10	8	9	4	13	8	2	7	3	6	8	5	4	8	4	5	7	5	4	192	19 years old or less
20-29	89	79	84	87	65	56	55	52	50	47	39	38	34	39	37	48	40	47	46	47	38	31	44	1,192	20-29
30-39	94	94	83	85	90	94	69	88	58	76	67	62	63	53	54	46	50	37	62	53	59	42	38	1,517	30-39
40-49	149	139	125	134	91	79	85	82	62	71	75	48	57	61	72	62	86	66	66	77	82	64	72	1,905	40-49
50-59	352	313	310	264	245	206	195	199	142	137	99	85	101	82	92	77	62	90	77	74	64	58	78	3,402	50-59
60 years old or more	154	113	128	103	123	89	112	112	108	87	105	94	87	121	98	106	88	82	103	103	98	82	50	2,346	60 years old or more
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	10,554	total

Workers' number of workplace of fatal and non-fatal accidents in textile products in 1999-2021

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	total	Workers scale
9 workers or less	151	156	152	142	142	126	104	122	81	75	90	64	66	75	60	72	59	38	67	53	54	34	31	2,014	9 workers or less
10-29	278	220	249	218	175	146	162	155	129	112	98	92	89	110	94	90	96	99	87	88	108	74	81	3,050	10-29
30-49	139	117	133	118	113	85	85	84	80	74	64	62	64	66	80	59	65	64	54	66	61	55	61	1,849	30-49
50-99	127	122	95	104	101	85	81	84	61	62	54	61	65	68	58	62	56	65	62	86	70	64	57	1,750	50-99
100-299	131	127	96	97	89	79	87	83	76	95	65	45	53	41	59	54	43	55	82	57	50	49	51	1,664	100-299
300 workers or more	34	17	19	9	4	11	6	9	6	8	16	10	8	2	10	7	11	9	6	9	5	6	5	227	300 workers or more
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	10,554	total

Month of fatal and non-fatal accidents in textile products in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January	69	58	65	67	52	50	46	53	31	33	33	33	37	34	37	37	30	26	35	28	32	22	27	935	January
February	76	75	59	63	45	50	48	55	33	45	42	24	25	25	24	27	27	23	32	30	39	32	23	922	February
March	80	77	68	52	35	48	44	44	30	44	26	28	47	37	20	22	26	35	42	39	29	31	25	929	March
April	72	68	61	71	54	39	38	46	37	46	31	33	20	34	39	31	24	24	30	24	23	33	15	893	April
May	77	61	68	58	62	38	41	40	39	29	35	21	20	33	42	21	27	25	25	32	25	15	27	861	May
June	81	50	80	54	53	44	53	49	41	33	38	22	28	38	29	30	21	38	32	28	31	21	25	919	June
July	67	51	72	46	67	53	44	40	33	32	31	32	33	29	39	27	36	35	26	33	29	14	28	897	July
August	68	69	59	45	41	48	39	50	41	29	33	30	25	27	23	29	27	25	31	27	20	16	36	838	August
September	78	55	61	54	44	44	38	41	35	28	28	26	24	20	29	37	29	25	23	29	28	23	27	826	September
October	64	77	56	60	56	51	39	38	41	42	26	26	25	22	33	32	26	22	27	30	28	26	20	867	October
November	67	57	53	56	58	31	42	37	35	35	34	36	35	21	20	26	22	32	35	21	29	23	12	817	November
December	61	61	42	62	57	36	53	44	37	30	30	23	26	42	26	25	35	20	20	38	35	26	21	850	December
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	10,554	total

Prefecture of fatal and non-fatal accidents in textile products in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido	2	6	5		4		3	3	2	3	6	4	1	1	4	8	2	10	3	2	5	5	5	84	Hokkaido
Aomori								1					1					1						3	Aomori

Iwate	1	3	1				1	1					1			3	2	2	2	4	4	1	2	28	Iwate
Miyagi	5	2			2		1	2			3		3	1		1	3	3	1	4	3	3	2	39	Miyagi
Akita		1					1						1		1							1		5	Akita
Yamagata	6	5	9		2		4	4	3	3	2		2	2	2	2	3	2	1	3	2	1	6	64	Yamagata
Fukushima	2	2	4		2		3	5	4	2	2			4	1	2	1	1	3					38	Fukushima
Ibaraki	2	3	10		3		6	5	3	3	3	3	2	1	1	2	1	1	5	6	6	3	1	70	Ibaraki
Tochigi	12	11	7		7		4	6	8	8	3	6	2	8	6	2	3	6	2	5	7	3	7	123	Tochigi
Gunma	13	13	12		15		3	5	3	4	4	6	6	9	2	3	10	3	6	1	3	5	1	127	Gunma
Saitama	16	12	10		13		18	11	14	9	7	5	1	12	15	8	6	14	7	8	7	7	6	206	Saitama
Chiba	3	1	1		1		3	3	4	2	2	2	3	2	1	2	1	3	2	3	1	4	2	46	Chiba
Tokyo	8	6	8		5		8	8	2	3	5	1		2	6	6	2	3	2	5	5	2	2	89	Tokyo
Kanagawa	5	4	4		3		2	1	2	2	5	1	5	3	3	3	5	2	1	5		3	2	61	Kanagawa
Niigata	24	22	20		15		13	8	9	11	14	11	14	8	5	9	10	10	11	15	9	14	12	264	Niigata
Toyama	17	10	12		10		14	6	8	6	7	9	14	10	7	8	3	3	6	6	9	8	7	180	Toyama
Ishikawa	32	32	29		31		31	36	19	30	19	19	13	19	14	24	28	20	31	24	24	21	15	511	Ishikawa
Fukui	56	57	48		33		39	37	31	39	27	28	33	28	29	29	34	37	37	36	38	21	26	743	Fukui
Yamanashi	3	4	3		1		1	3	2		1		2	1				2		1			1	25	Yamanashi
Nagano	6	3	2					1	1	2	1	1	1			1	2	1	1		1	1		25	Nagano
Gifu	42	34	20		24		14	19	19	23	12	14	17	13	19	13	5	8	17	20	11	17	12	373	Gifu
Shizuoka	43	28	28		31		24	28	20	17	14	11	10	13	16	9	12	14	12	18	7	5	7	367	Shizuoka
Aichi	150	98	118		90		95	78	64	64	57	61	45	59	76	40	53	32	31	57	32	38	33	1,371	Aichi
Mie	15	12	18		9		10	5	11	5	10	6	2	3		7	5	1	4	2	8	3	3	139	Mie
Shiga	24	23	21		32		12	16	16	19	10	11	14	15	15	15	15	7	17	22	17	10	25	356	Shiga

Kyoto	52	43	43		32		33	34	19	27	29	12	11	16	13	12	20	11	22	9	19	7	11	475	Kyoto
Osaka	107	124	113		106		59	80	66	55	56	49	46	46	41	47	28	43	38	38	43	24	31	1,240	Osaka
Hyogo	35	31	29		15		12	13	10	6	10	8	15	10	12	9	7	13	12	5	11	5	7	275	Hyogo
Nara	14	14	16		7		8	8	5	1	7	3	4	8	6	3	4	3	5	3	6	4	9	138	Nara
Wakayama	37	35	30		28		26	22	8	14	12	11	14	5	13	15	11	11	16	5	10	8	6	337	Wakayama
Tottori	1						1		1	1		1	1	3				1	2	2	1	1		16	Tottori
Shimane	3	8	2		2		1	3	4	5	1			2	2	1	1	1	2	2	1	2	2	45	Shimane
Okayama	19	20	26		18		18	22	19	17	14	8	11	9	9	11	15	14	14	7	10	7	10	298	Okayama
Hiroshima	18	18	19		16		10	11	14	8	5	8	10	5	6	6	6	8	13	6	11	4	8	210	Hiroshima
Yamaguchi	3	4	2		1			2	1	3	2	2		5	2	3		2	3	1	1	2	1	40	Yamaguchi
Tokushima	5	2	8		1		2	1	1	1		2		3		1			1	1	1		1	31	Tokushima
Kagawa	2	3	8		2		2	3	4	2	1	5	6	3	2	5		3	1	4	2	3	1	62	Kagawa
Ehime	36	31	28		24		14	19	17	15	14	14	15	10	14	13	13	14	13	12	8	10	8	342	Ehime
Kochi		4	4		2		4	2		3	3	1	4	1	3	2				3	4	3	1	44	Kochi
Fukuoka	10	7	6		12		11	6	7	5	8	3	7	5	6	2	4	2	2	3	3	14	3	126	Fukuoka
Saga	3	4	2		4		1	3	3	2		2	4	1	2	1	2	2			2		1	39	Saga
Nagasaki	5	3	2				1	1	1		2			4			3	3	2	1	3	2	2	35	Nagasaki
Kumamoto	3	2	4		8		2	5	2	2	4	2	2	3	2	7	7	4	4	6	6	6	3	84	Kumamoto
Oita	2	2	6		3		1	1			1	1	1		1	3				1		2	1	26	Oita
Miyazaki	8	6	4		4		2	3		1	1	2	1	7	3	4	2	3	3	2	6	1	2	65	Miyazaki
Kagoshima	9	6	2		6		7	6	5	3	3	1	1		1	1	1	6	3	1	1		1	64	Kagoshima
Okinawa	1								1					1	1							1		5	Okinawa
total	860	759	744		624		525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	9,334	total



Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. 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.htm> (MHLW, Japan)

Return to [https://www.jisha.or.jp/english/statistics/2021e\\_industry.html](https://www.jisha.or.jp/english/statistics/2021e_industry.html)

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 Fatal accidents in textile products in Japan in 1999-2021

textile products industry Code No.0102

Type of fatal accidents in textile products in 1999-2021

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	total	Type of accidents	
fall from height	1	1		1	1				1		1			1	1			2						10	fall from height	
falling to same level							1											1						2	falling to same level	
crash																										crash
struck by flying or falling object								1																1	struck by flying or falling object	
collapse																										collapse
crashed by		1																						1	crashed by	
caught in/between	1	5	1	1		2	2	1	2	1	2		2	2	1	1		1	1	1	1	1	1	30	caught in/between	

cut																								cut	
injury to the sole of the foot																								injury to the sole of the foot	
drown												1											1	drown	
contact to high/low-temperature	1					1																	2	contact to high/low-temperature	
contact to harmful substance				4																			4	contact to harmful substance	
electric shock																								electric shock	
explosion																								explosion	
burst			1																				1	burst	
fire				1											1					4			6	fire	
traffic accident (public road)			1			1																	2	traffic accident (public road)	
traffic accident (others)																								traffic accident (others)	
reaction to motion/improper motion																								reaction to motion/improper motion	
others						1						1											2	others	
unclassifiable																								unclassifiable	
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1	62	total







unclassifiable																						4			4	unclassifiable
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1	62	total	

Causal agents (small) of fatal accidents in textile products in 1999-2021

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	total	Causal (S) agents	
engine																										engine
power transmission mechanism						1									1										2	power transmission mechanism
circular sawing machine																										circular sawing machine
band sawing machine																										band sawing machine
wood planer machine																										wood planer machine
hollow chisel mortiser, wood borer																										hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																										chamfering machine, router, woodworking milling machine
chain saw																										chain saw
other woodworking																										other woodworking

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







boiler																								boiler	
pressure vessel	1		1																					2	pressure vessel
other pressure vessels																									other pressure vessels
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
industrial dryer							1																	1	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 hauling equipment																									human power hauling equipment



inflammable substance																								inflammable substance
inflammable gas																								inflammable gas
harmful substance				4																			4	harmful substance
radiation																								radiation
other hazards, harmful substances																								other hazards, harmful substances
metal material																								metal material
lumber, bamboo																								lumber, bamboo
stone, sand, substance																								stone, sand, substance
other materials				1	1										1								3	other materials
load																								load
machine/equipment as load																								machine/equipment as load
natural ground, rock																								natural ground, rock
standing tree																								standing tree
water																								water
abnormal environment																								abnormal environment
high/cold temperature environment																								high/cold temperature environment



30-49		2	1										1	1	2		1		1				1	10	30-49	
50-99				1		2				1				2				2			3	1			12	50-99
100-299		2		3		1																			6	100-299
300 workers or more	1	1	1										1										1		5	300 workers or more
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1	62	total	

Month of fatal accidents in textile products in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month			
January		1											1						1	1	1				5	January		
February		2									2			1												5	February	
March		2		1					1	1			2	1			1	1					1		11	March		
April	1		1	1		2	1											1								7	April	
May						1												1								2	May	
June		1	1	4																		4				10	June	
July	1																									1	July	
August	1	1					1							1												4	August	
September			1				1	1	1						1	1										6	September	
October					1	1																					2	October
November				1			1	1							1				1							5	November	
December									1		1		1										1			4	December	
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1		62	total		

Prefecture of fatal accidents in textile products in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido																									Hokkaido
Aomori																									Aomori
Iwate													1											1	Iwate
Miyagi													1				1							2	Miyagi
Akita																									Akita
Yamagata																									Yamagata
Fukushima																									Fukushima
Ibaraki																									Ibaraki
Tochigi																									Tochigi
Gunma																									Gunma
Saitama							1																	1	Saitama
Chiba																									Chiba
Tokyo																									Tokyo
Kanagawa																									Kanagawa
Niigata																									Niigata
Toyama																									Toyama
Ishikawa				1				1			1													3	Ishikawa
Fukui		2													1			1			5			9	Fukui
Yamanashi				1									1											2	Yamanashi





