

## Fatal and non-fatal accidents in machine repair in Japan in 1999-2022

machine repair industry Code No.011702

Type of accidents in machine repair 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	68	65	73	67	65	70	68	58	64	56	57	42	49	41	36	31	48	41	55	41	57	37	42	38	1,269
falling to same level	41	30	30	18	31	25	36	25	29	28	30	18	34	29	21	30	28	12	25	30	23	23	19	22	637
crash	22	20	15	18	13	15	19	12	17	14	15	10	5	12	9	11	7	14	5	9	11	9	12	15	309
struck by flying or falling object	57	53	54	48	51	51	56	36	31	46	32	28	34	33	29	34	29	22	25	26	10	19	16	18	838
collapse	7	12	11	11	13	12	9	5	7	7	4	4	5	9	4	8	7	5	6	4	4	3	1	1	159
crashed by	18	24	16	28	14	29	16	16	16	21	13	15	11	10	9	10	13	10	11	10	10	14	10	11	355
caught in/between	106	109	103	86	84	88	89	99	70	74	65	52	54	53	57	54	49	45	59	49	38	49	54	36	1,622
cut	14	18	20	13	11	16	20	12	14	14	9	13	10	23	11	10	10	8	15	5	15	14	9	8	312
injury to the sole of the foot							1	1		1	1		1		2						2				9
drown		1		1		1							1					1							5
contact to high/low-	18	10	17	8	8	5	6	12	10	8	8	12	5	6	11	11	4	7	1	10	2	7	9	7	202

temperature																									
contact to harmful substance	3	6	5	2	3	2	3	2	3	3	5		2	3			3		4	2		1	4	1	57
electric shock		2	1	2	2		1	2		1	1	1			1	1	2	1	1	1	1		1	1	23
explosion	2		4	1	1	2	1				1	1	1	1	1			3	1						20
burst		1	1		1			3					1	2				1							10
fire	2	1	1			2		2	1	1		3		2	1		1	2			3				22
traffic accident (public road)	9	8	14	4	10	13	8	13	8	16	6	9	6	8	4	6	12	8	5	6	13	6	6	5	203
traffic accident (others)					1	3																			4
reaction to motion/improper motion	20	24	35	24	31	19	25	24	30	35	21	18	26	25	20	19	22	15	20	18	22	25	29	20	567
others	1	1			2	1	1		4		1		2		2	1	1		2	1	2		7	2	31
unclassifiable		1	1	2		2	1						1							1					9
total	388	386	401	333	341	356	360	322	304	325	269	226	248	257	218	226	236	195	235	213	213	207	219	185	6,663

Causal agents (large) of fatal and non-fatal accidents in machine repair 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	96	101	81	71	65	68	81	64	49	65	66	42	34	48	41	48	49	37	54	36	39	38	40	33	1,346

crane, conveying machine	79	67	91	71	79	86	67	80	59	61	36	45	53	44	49	47	58	45	53	43	55	36	52	39	1,395
other equipment	77	94	82	74	69	76	72	74	75	69	51	60	60	54	49	51	50	55	42	53	44	48	35	54	1,468
temporary buildings, establishments	50	46	43	41	39	48	49	37	43	47	51	22	37	51	20	30	30	23	37	40	43	31	39	31	928
substance, material	35	39	60	42	41	40	48	35	34	45	32	27	27	34	26	23	20	16	15	20	13	25	14	8	719
load	24	18	26	21	28	23	29	18	23	22	15	13	19	17	12	11	17	10	11	8	5	8	16	8	402
environment	11	9	3	2	3	3	4	4	7	1	3	10	8	3	5	9	3	2	4	6	5	8	6	2	121
others	16	12	15	11	17	12	10	10	14	15	15	7	10	6	16	7	9	7	19	7	9	13	17	10	284
total	388	386	401	333	341	356	360	322	304	325	269	226	248	257	218	226	236	195	235	213	213	207	219	185	6,663

Causal agents (middle) of fatal and non-fatal accidents in machine repair 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	2	3	3	4	1	4	1	1		3	3		1	4	1				1						32
power transmission mechanism	9	5	6	7	4	6	11	6	3	3	5	6	2	2	4	2	4	3	5	2	1	4	2	4	106
woodworking machine	2	1	2	2	3	3	5		1	3	3	1	3		1	2	1		2	1	1	1	2		40







demolition machine			1				1	1		1	1						2		1		1			9		
vehicle for high lift work					1		1	1	1		2				1		4					1		12		
other construction machines			6		3		3	2		1	3	2		2	1	1	1	2		1	1	1	1	3	34	
lathe			4		3		3	7	4	2	5	2	2	2	4	6	1		1	1	2	1		1	51	
drill press, milling machine			3		3		5	8	3	5	3	1	3	3		1	2	2	1	2	2	3	1	2	53	
grinding machine, buffing machine			7		4		7	3	5	9	7	5	3	7	5	4	7	2	5	2	4	5	5	2	98	
power press					1		2			3	6	1	2	3	1	2	2		1		1		1	2	28	
forging pressure hammer											1									1					2	
shearing machine							1	1				2			1	1		1	1	1				1	10	
other metal manufacturing machines			2		6		6	4	2	4	3	2	1	3	2	5	2	1	3	2	1	1	5	3	58	
centrifugal machine												1		1					1						3	
mixer, grinder					2		2	2	1		1	1	1	2	1				2							15
roll machine (except printingroll machine)								1						1	1					2	1				7	

injection molding machine							1	1		1		1												4	
food manufacturing machine									1		1		1											3	
printing machine			2		2					1							1		1					7	
industrial robot																									
other general power machines			29		19		15	17	17	18	9	11	4	8	9	9	13	9	16	11	12	10	9	10	255
felling machine																						1		1	
mobile logging machine																2		1						3	
skyline yarding machine																									
other mobile silviculture machine																									
crane			15		9		10	13	8	10	2	6	8	11	10	13	3	7	7	13	9	5	7	9	175
mobile crane			9		11		9	9	6	6	3	2	3	5	3	5	4	3	2	3	5	4	6	5	103
derrick crane												1												1	
elevator, lift			8		5		4	6	5	2	2	1	5	1	4	1	6	4	7	2	2	3	6	3	77
cargo lifting appliance							1															1			2
gondola			1							1		1				1	1							5	





pressure vessel						1										1				1			3		
other pressure vessels				3		1			3			2						1					10		
chemical facilities				1													1						2		
gas welding equipment			5	1		1	1		1	1		1	2	2		1		1					1	18	
arc welding equipment			4			1			1	1			2		1	2					1	1		14	
other welding equipment			1									1												2	
kiln, caldron				1		1			1				2						1					6	
industrial dryer			1							1														2	
other kiln, caldron																									
transmission				1		1	1	1		1				1	1	1	1		2					11	
electric power facilities			1						1							1	1			2				6	
other electrical equipment			1					1	1	1			1								1			6	
human power cranes			1		1		1	4			1	1	1	2		1		3	1		3			1	21
human power hauling equipment			5		3		4	2	2	4	5	3	2	2	3	5	1	1	7	1	1	2	2	2	57

human power machine			2			2		1				3							1					9	
hand tool			13		14		16	11	8	14	8	11	8	12	9	11	8	9	8	10	9	14	7	5	205
ladder			23		18		20	17	22	15	15	17	23	11	16	11	16	12	10	13	15	16	13	22	325
slinging tool			3		6		2	7	6	8	5	4		2		2	2	3		3	2	3	2	4	64
other tools			8		8		9	10	14	6	3	8	8	7	8	8	13	8	5	5	4	3		5	140
other equipment, facilities			14		12		12	17	17	13	10	15	13	11	6	12	6	14	9	16	8	7	9	11	232
scaffolding			1		2		6	2	5	1	2	1	1	2	1	3	3		2	1	1			1	35
timbering																									
stairs, landing stage			4		8		11	4	9	12	11	2	5	10	5	3	7	4	7	7	9	4	6	7	135
opening			1		1			3	1	1	1		1	1			1	2	3	2	2	1	3	1	25
roof, beam, haze, crossbeam, principal rafter			3		2		2	3			1				2	1		1	1	3		1	2	1	23
working platform, boot board			10		5		4	6	8	12	12	5	2	8	2	7	3	2	5	8	6	5	4	1	115
passage			11		13		10	13	9	8	11	8	16	10	6	10	7	7	8	10	14	9	14	11	205
building, establishment			9		6		9	2	8	8	10	4	9	9	2	4	5	4	5	5	7	4	7	5	122
other temporary buildings,			4		2		7	4	3	5	3	2	3	11	2	2	4	3	6	4	4	7	3	4	83



environment								1																1	
high/cold temperature environment			1				1	1	2		2	5			1	4		2	1	4	2	3	3		32
other environments			1		3		2	2	3	1	1	2	5	3	3	5	3		1	2	3	4	2	2	48
other causal agent			4		3		2	2	3	4	4	1		1	2	2	3		5	1	2	1	6	2	48
no causal agent			9		14		7	8	11	10	10	5	10	5	13	5	6	7	14	6	7	12	11	8	178
unclassifiable			2				1			1	1	1			1									7	
total	388	386	401	333	341	356	360	322	304	325	269	226	248	257	218	226	236	195	235	213	213	207	219	185	6,663

Workers age of fatal and non-fatal accidents in machine repair 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	7	3	15	6	7	9	5	2	3	5	4	3	3	2	4	4	9	1	7	2	4	3	1	1	110
20-29	87	91	98	84	66	65	61	60	46	52	40	40	42	42	31	31	45	40	38	34	26	39	31	32	1,221
30-39	79	82	89	68	67	72	78	74	66	80	75	57	61	55	49	44	52	39	49	41	36	42	40	41	1,436
40-49	73	69	71	65	63	51	64	70	53	69	46	44	65	57	47	61	55	40	58	55	44	39	44	28	1,331
50-59	106	99	90	82	91	117	105	74	87	78	66	41	42	54	41	33	33	38	38	38	46	49	53	46	1,547
60 years old or more	36	42	38	28	47	42	47	42	49	41	38	41	35	47	46	53	42	37	45	43	57	35	50	37	1,018
total	388	386	401	333	341	356	360	322	304	325	269	226	248	257	218	226	236	195	235	213	213	207	219	185	6,663

Workers' number of workplace of fatal and non-fatal accidents in machine repair 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	193	178	201	173	166	170	173	173	145	154	131	111	108	123	82	104	104	99	90	86	71	76	79	92	3,082
10-29	127	130	119	103	110	116	116	99	104	108	77	70	94	76	82	81	80	66	84	73	79	76	95	49	2,214
30-49	29	40	46	26	27	28	38	26	23	24	29	21	20	20	25	20	21	12	25	23	27	15	17	12	594
50-99	19	18	20	23	19	23	17	14	17	21	21	8	15	22	16	13	20	5	14	12	15	19	15	11	397
100-299	10	19	13	6	16	9	10	7	10	15	9	12	7	6	10	6	7	8	13	16	9	14	10	14	256
300 workers or more	10	1	2	2	3	10	6	3	5	3	2	4	4	10	3	2	4	5	9	3	12	7	3	7	120
total	388	386	401	333	341	356	360	322	304	325	269	226	248	257	218	226	236	195	235	213	213	207	219	185	6,663

Month of fatal and non-fatal accidents in machine repair 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	31	27	32	26	25	33	31	25	32	32	21	27	15	20	19	26	17	13	13	18	19	14	22	19	557
February	35	39	26	29	27	26	25	25	21	23	23	23	25	30	17	20	22	19	19	18	21	22	22	14	571
March	34	36	35	27	38	29	33	33	30	30	21	16	22	23	20	21	23	16	15	16	30	19	17	20	604
April	40	31	39	38	31	36	24	23	26	27	21	12	18	13	15	19	19	18	18	16	15	14	21	16	550
May	40	31	26	37	32	25	30	33	27	40	14	17	20	25	12	16	16	18	12	19	18	22	15	11	556
June	33	36	28	24	22	44	37	20	20	18	25	21	24	17	22	14	19	13	26	14	20	24	14	16	551

July	34	33	38	33	29	22	29	21	29	29	24	20	30	21	27	19	28	17	24	20	18	20	23	13	601
August	31	29	35	25	23	29	34	32	35	31	31	22	17	29	19	18	19	13	26	20	11	17	28	17	591
September	31	38	45	23	41	27	29	30	26	17	18	23	23	29	17	29	25	19	23	14	11	19	16	19	592
October	28	32	41	35	37	36	26	28	22	30	22	15	21	24	17	15	19	19	19	22	16	16	18	13	571
November	24	22	28	20	17	23	38	29	25	24	22	16	17	16	17	16	17	15	20	17	23	12	8	16	482
December	27	32	28	16	19	26	24	23	11	24	27	14	16	10	16	13	12	15	20	19	11	8	15	11	437
total	388	386	401	333	341	356	360	322	304	325	269	226	248	257	218	226	236	195	235	213	213	207	219	185	6,663

Prefecture of fatal and non-fatal accidents in machine repair 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	26	26	32		24		19	19	19	28	17	4	18	16	14	20	26	12	14	19	13	10	18	14	408
Aomori	5	5	3		5		3	2	4	1	4	6	5	3	2	1	5	2	1		1	2	3	5	68
Iwate	3	2	5		1			4	1	2	1	1	1	2		2	3		3	2	1	3	1	1	39
Miyagi	6	9	10		11		6	4	8	5	1	4	8	3	5	4	3	5	2	2	5	3	6	1	111
Akita	2	2	1		2		3	1	3	2	2	2		1	1		2	3	3	3	1	1	2	3	40
Yamagata	5	2	3		2		1	2	2	1	1	3		1			3		1	3			1		31
Fukushima	1	3	3		2		4	1	1	5	4	1	3	2	3	4	6	2	3	1	4	1		1	55
Ibaraki	4	8	5		7		9	4	6	2	3	3	2	4	2	3	4	1	1	3	1	7	2	8	89
Tochigi	3	4	5		5		3	5	6	2	6	5	5	4	3	6	4	2	4	2	3	1	1	5	84
Gunma	6	4	4		1		2	3	5	8	5	7	8	5	1	1	5	2	6	2	4	5	6	4	94

Saitama	25	12	13		20		14	13	16	13	21	10	5	11	6	7	11	10	8	7	5	7	9	3	246	
Chiba	13	29	19		14		21	27	12	20	21	15	15	20	17	14	10	6	18	13	14	14	17	18	367	
Tokyo	15	18	23		19		28	11	17	19	14	15	11	13	14	11	12	10	15	14	15	16	11	10	331	
Kanagawa	38	32	21		24		27	29	15	27	10	13	16	12	20	14	5	11	17	11	12	8	13	12	387	
Niigata	14	10	11		6		8	9	13	10	6	1	8	10	5	8	11	5	7	10	10	5	3	4	174	
Toyama	6	9	7		5		3	1	2	1	4	1	4	1	1	3	1		3	1	1	1	1	1	57	
Ishikawa	1	4	4		2		2	5	3	2	2	1	4	3	3	2	1	3	3	2	2	2	4	4	59	
Fukui	8	4	4		2		9	3	4		2		4	4	1	3	1		3	4	3	3	2	3	67	
Yamanashi					1		1	1			1			2	1	3		1	1		1		1		14	
Nagano	1	4	5		6		1	3	3	3	4	2		1	1	4	4	1	4	4	4	4	7	2	3	67
Gifu	7	3			5		5	7	4	7	2	3	6	4	2	4	4	5		2	3	3	1	3	80	
Shizuoka	5	13	25		13		17	10	16	7	19	12	3	12	11	6	9	14	9	3	8	8	9	5	234	
Aichi	30	34	28		28		22	27	21	26	21	22	19	18	18	15	18	13	15	11	14	16	13	9	438	
Mie	8	13	4		4		9	7	8	8	11	7	8	5	4	5	7	4	5	8	11	4	5	2	147	
Shiga	3	2	1		1		2	1	1	1	1		1	1		3		1		2			2		23	
Kyoto	9	3	4		2		6	11	5	3	2		3	2	5	1	2	2	1	1		2	1	1	66	
Osaka	29	28	37		37		23	24	13	29	13	17	23	18	14	22	22	16	20	18	17	13	18	8	459	
Hyogo	29	22	27		29		19	18	23	18	15	25	21	18	10		3	8	9	8	10	10	13	8	343	
Nara	1	1	7		2		1		1	3	1	1		1		2	2	1	2					1	27	
Wakayama	3		1		1		5	6			1		1	2		3	3		2		1	2		2	33	
Tottori	3	7	3				1	3	1			3	1	1		2	2	1	1	1			2	2	34	



Shimane	1	2	2		2		4	1	3	3	3		1	3		3	1	2		2	5	1	2		41
Okayama	4	9	6		3		3	3	6	6	4	3	4	5	6	2	4	5	3	2	5	3	2	7	95
Hiroshima	14	2	7		7		13	17	12	11	6	5	8	10	5	10	4	6	10	6	7	10	9	4	183
Yamaguchi	3	6	3		2		3	1	4	3	2	1	3	1		1		2	1	3	2	3		3	47
Tokushima			5		6		4	1	1	2	1	3		1	2	2	3	3	3	2		1	2		42
Kagawa	2		1				5	2	3	1		1	3		1	3		3	2	5	2	1	4	1	40
Ehime	6	4	4		5		4	4	4	2	1	6		1	4	2	3	7	3	4	1	5	3	5	78
Kochi	6	4	9		5		2	2	6	1	1	1			1	2	4			1	2	1	1	3	52
Fukuoka	13	19	16		18		20	13	17	17	20	11	14	21	16	11	10	5	11	14	10	12	12	12	312
Saga	2	2	3		5		3	1	3		2	1	1			1		5	2	1	3	2		1	38
Nagasaki	7	7	9				3	3	3	8	5	1	1	4	6	1	6	1	4	2	3	6	5	1	86
Kumamoto	4	2	1				6	2	2	3	2	4	1	1	2	6	1	3	2			1	3	1	47
Oita	8	8	2		2		5	3	2	3	1	3	1	7	1	4	4	4	1	2	3	1	3	1	69
Miyazaki	4	3	12		3		4	2	2	5	2		2	2	2	2	3	2	7	5	3	2	2	3	72
Kagoshima	2	4	4		1		2	6	2	3	4	1	1	1	4	3	3	5	2	6	3	2	1	2	62
Okinawa	3	1	2		1		5		1	4		1	5		4		1	1	3	1		2	3		38
total	388	386	401	333	341	356	360	322	304	325	269	226	248	257	218	226	236	195	235	213	213	207	219	185	6,663

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.



drown		1		1		1							1				1							5	
contact to high/low-temperature	1		3																		1			5	
contact to harmful substance									1															1	
electric shock	1		1		3		1					1						1						8	
explosion													1											1	
burst																									
fire		1						1								1	1							4	
traffic accident (public road)	1		3		1	1	2	1						1				1						11	
traffic accident (others)																									
reaction to motion/improper motion																									
others													1											1	
unclassifiable							1																	1	
total	13	8	12	7	6	9	5	6	2	6	4	9	4	5	1		3	7	4	3		4	5	3	126

Causal agents (large) of fatal accidents in machine repair in 1999-2022























environment								1															1		
high/cold temperature environment	1																				1		2		
other environments																									
other causal agent																									
no causal agent																									
unclassifiable							1																1		
<b>total</b>	<b>13</b>	<b>8</b>	<b>12</b>	<b>7</b>	<b>6</b>	<b>9</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>4</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>1</b>		<b>3</b>	<b>7</b>	<b>4</b>	<b>3</b>		<b>4</b>	<b>5</b>	<b>3</b>	<b>126</b>

Workers age of fatal accidents in machine repair 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		1	1							1															3
20-29	3	2	2	1	1	2		2				1	1	1				1						1	18
30-39	2	1	1		2	2	2	2		1		3		3	1		1	3				1	1		26
40-49	2	2	5	1	2	1	1		1			3		1			2		3	1			1		26
50-59	3	2	2	2	1	3	2	2	1	3	3	1						2		2		3		2	34
60 years old or more	3		1	3		1					1	1	1	3				1	1				3		19
<b>total</b>	<b>13</b>	<b>8</b>	<b>12</b>	<b>7</b>	<b>6</b>	<b>9</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>4</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>1</b>		<b>3</b>	<b>7</b>	<b>4</b>	<b>3</b>		<b>4</b>	<b>5</b>	<b>3</b>	<b>126</b>

Workers' number of workplace of fatal accidents in machine repair 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	6	4	2	3	5	3	4	3	1	3	4	4	2	4			3	2	2	2		2	4	1	64
10-29	5	3	6	3		5	1	3	1	1		3	2				4	2	1				1	1	42
30-49			3	1	1					1		1					1								8
50-99	2													1								1			4
100-299			1							1		1			1							1		1	6
300 workers or more		1				1																			2
total	13	8	12	7	6	9	5	6	2	6	4	9	4	5	1		3	7	4	3		4	5	3	126

Month of fatal accidents in machine repair 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	3		1	2				1				1					1								9
February	1	1			1	1		1										2	1						8
March	2			2	2	2				1	1		2			1							1		14
April			1	1		1				1	1	2		1											8
May	1	1	1			1	2					2				1	1					1			11
June	1	1	2			2		1			2				1				1	1					12

July	1	1	1	1			2	1	1			1		1				1				1	1	13	
August	3	3				1							1	1				1	1		1		2	14	
September	1	1			3				2		1										1	3		12	
October			1			1		1		1		1		1				1			1			8	
November			1				1	1				1		1				2		1				8	
December			4	1					1	1			1					1						9	
total	13	8	12	7	6	9	5	6	2	6	4	9	4	5	1		3	7	4	3		4	5	3	126

Prefecture of fatal accidents in machine repair 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			3					1									1							1	6
Aomori																	1								1
Iwate													1												1
Miyagi													1												1
Akita																									
Yamagata										1															1
Fukushima						1																			1
Ibaraki			1		1																			1	3
Tochigi						1							1												2
Gunma										1		1						1	1						4





Shimane																									
Okayama	2					2																		4	
Hiroshima	1						1			1		1												4	
Yamaguchi	1		1	1								1												4	
Tokushima																									
Kagawa																									
Ehime																			1					1	
Kochi						1																		1	
Fukuoka		2									1			3										6	
Saga			1																					1	
Nagasaki			2																		1			3	
Kumamoto	1					1																		2	
Oita	1																					1		2	
Miyazaki			2																			1	1	4	
Kagoshima						1											1							2	
Okinawa																									
total	13	8	12	7	6	9	5	6	2	6	4	9	4	5	1		3	7	4	3		4	5	3	126

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](https://www.jisha.or.jp/english/statistics/2022e_industry.html)