Fatal and non-fatal accidents in over/under wear in Japan in 1999-2022

over/under wear industry Code No.010301

Type of accidents in over/under wear 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	23	18	14	19	21	13	17	17	13	11	17	10	9	14	7	8	9	7	11	7	15	5	9	8	302
falling to same level	56	36	49	41	45	46	36	34	41	41	37	38	31	47	51	36	29	27	28	34	34	19	39	33	908
crash	6	4	7	2	3	7	7	4	3	4	7	4	4	3	2	2	1	2	5	3	2	5	4	4	95
struck by flying or falling object	4	4	5	3	2	3	4	5	3	2	3	3	1	5	1	1	4	3	1	4	3		1	3	68
collapse	3				2	2	2	1				2				1				1			2		16
crashed by	6	4		5	1	1	3		2	1		2	1	1	1	1	1			1	2	2	2	3	40
caught in/between	50	36	20	33	24	19	10	18	21	12	13	15	12	10	12	11	7	8	10	10	9	12	10	11	393
cut	35	26	27	22	24	16	17	14	11	14	15	7	8	6	13	8	9	5	13	7	8	6	4	6	321
injury to the sole of the foot						1												1							2
drown													2												2
contact to high/low-	5	6	6	4	6	3	2	2	3	4	3	5	1	4	6	1	2	1	1	1	1		3		70

temperature																									
contact to harmful substance	1	1	2	1	1		1	1						1								1			10
electric shock				2		1									1			1							5
explosion								1																	1
burst						1																			1
fire																									
traffic accident (public road)	9	9	5	9	4	4	5	3	9	2	1	1	1	3		2	3			1			1	4	76
traffic accident (others)							1																		1
reaction to motion/improper motion	19	22	13	10	11	10	5	9	11	8	10	8	2	11	7	10	6	7	4	7	4	2	4	13	213
others		2	3						2						1							79	1		88
unclassifiable		1					3			1															5
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617

Causal agents (large) of fatal and non-fatal accidents in over/under wear 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	75	66	43	55	49	34	26	31	26	24	24	24	15	16	23	21	17	11	17	15	15	19	17	14	677

crane, conveying machine	17	13	11	19	9	11	11	7	14	7	7	5	3	12	4	2	5	1	1	3	5	1	5	7	180
other equipment	32	19	30	26	12	18	20	16	27	17	26	22	15	15	17	14	13	18	17	12	16	8	17	17	444
temporary buildings, establishments	55	35	38	29	51	46	38	36	38	36	35	31	29	41	26	31	28	22	31	32	32	18	32	30	820
substance, material	8	11	6	4	6	2	4	4	1			3	4	6	3			4		2	1	2	3		74
load	16	15	7	8	8	6	5	5	4	4	8	4	1	3	6	2	4	1	2	1	4	3	2	8	127
environment	4	1	9	3	3	4	3	4	1	5	1	1	3	4	11	4				4			2	2	69
others	10	9	7	7	6	6	6	6	8	7	5	5	2	8	12	7	4	5	5	7	5	80	2	7	226
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617

Causal agents (middle) of fatal and non-fatal accidents in over/under wear 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	1		1	1		2						1						1	1						8
woodworking machine								2											1						3

construction machine		1																							1
metal manufacturing machine	7	5	3	2	1	3	2	1	1			1			1			2	1	1		2	1		34
general machine	67	60	39	52	48	29	24	28	25	24	24	22	15	16	22	21	17	8	14	14	15	17	16	14	631
mobile silviculture machine																									
crane	4	2	1		1	3		2	2					2			1	1			1		2		22
conveying machine	4		3	5	4	5	4	3	2	3	5	3	1	3	3	1			1	1	3		2	2	58
vehicle	9	11	7	14	4	3	7	2	10	4	2	2	2	7	1	1	4			2	1	1	1	5	100
pressure vessel	1	1	1			1		1	3		2									1					11
chemical facilities																									
welding equipment																									
kiln, caldron																									
electric equipment			1	2		1				2		1	1				1			1					10
human power machine, tools	10	5	9	9	2	4	4	1	5	4	8	7	4	5	6	4	3	10	6	5	2	5	4	7	129
tools	15	9	12	8	8	6	10	12	13	7	11	8	8	8	9	5	6	5	6	3	9	2	8	8	196
other equipments,																									

facilities	6	4	7	7	2	6	6	2	6	4	5	6	2	2	2	5	3	3	5	2	5	1	5	2	98
temporary buildings, establishments	55	35	38	29	51	46	38	36	38	36	35	31	29	41	26	31	28	22	31	32	32	18	32	30	820
hazards, harmful substances	1	1	3	1	1		1	1						1	2										12
materials	7	10	3	3	5	2	3	3	1			3	4	5	1			4		2	1	2	3		62
load	16	15	7	8	8	6	5	5	4	4	8	4	1	3	6	2	4	1	2	1	4	3	2	8	127
natural environment	4	1	9	3	3	4	3	4	1	5	1	1	3	4	11	4				4			2	2	69
other causal agent	4	2	4	4		1	3	2	1		1	1		3	4			2	1	2	2	79	1	1	118
no causal agent	5	7	3	3	5	5	2	4	5	7	4	4	2	5	8	7	4	3	4	5	3	1	1	6	103
unclassifiable	1				1		1		2																5
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617

Causal agents (small) of fatal and non-fatal accidents in over/under wear 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			1									1						1	1						4

circular sawing machine								2																	2
band sawing machine																									
wood planer machine																									
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																			1						1
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																						1			1
drill press, milling machine									1									1				1			3
grinding machine, buffing machine							1																1		2
power press							1	1							1				1	1					5
forging pressure hammer																									
shearing machine			3									1													4
other metal manufacturing machines					1													1							2
centrifugal machine																									
mixer, grinder					1																				1
roll machine (except printingroll machine)			1						1		1		2		1							1	1	1	9

injection molding machine			1																						1
food manufacturing machine													1												1
printing machine																	1								1
industrial robot			1																						1
other general power machines			36		47		24	28	24	24	23	22	12	16	21	21	16	8	14	14	15	16	15	13	409
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane			1											2				1							4
mobile crane																									
derrick crane																									
elevator, lift					1			2	2								1				1		2		9
cargo lifting appliance																									
gondola																									

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																									
truck			1		1		4	2		3	2	1		1	1	1			1	1	2		2	1	24
forklift					2						1		1								1				5
railway equipment																									
conveyor			2		1			1	2		2	1		1	2										12
loader																									
straddle carrier																									
rough terrain hauler																									
other powered conveying machines												1		1										1	3
cars, bus, motorcycle			7		4		7	2	10	4	2	1	2	7	1	1	4			2	1		1	5	61
railway vehicle																									
other vehicles												1										1			2
boiler									3		1									1					5

pressure vessel			1								1														2
other pressure vessels								1																	1
chemical facilities																									
gas welding equipment																									
arc welding equipment																									
other welding equipment																									
kiln, caldron																									
industrial dryer																									
other kiln, caldron																									
transmission			1														1								2
electric power facilities																									
other electrical equipment										2		1	1							1					5
human power cranes																									
human power hauling equipment			4		2		2		1		3	5	1	4	3	4	2	8	1	4	1	4	4	3	56

human power machine											1								1						2
hand tool			5				2	1	4	4	4	2	3	1	3		1	2	4	1	1	1		4	43
ladder			5		3		2	5	3	2	8	5	4	3	4	1	2	2	4	2	5	2	4	1	67
slinging tool																									
other tools			7		5		8	7	10	5	3	3	4	5	5	4	4	3	2	1	4		4	7	91
other equipment, facilities			7		2		6	2	6	4	5	6	2	2	2	5	3	3	5	2	5	1	5	2	75
scaffolding																1			1						2
timbering							1																		1
stairs, landing stage			6		13		9	5	10	7	11	3	4	9	3	3	6		3	6	6	4	1	5	114
opening			1								1	1							1						4
roof, beam, haze, crossbeam, principal rafter												1								1					2
working platform, boot board			4		8		2	1	1	2	1	3	3	4		3	4	3	1	1	5	1	2	1	50
passage			23		23		20	24	23	21	18	21	17	23	17	18	15	14	19	22	17	13	22	21	391
building, establishment			2		4		4	3	1	2	3	2	3	3	3	4	3	2	3	1	2		2	1	48
other temporary buildings,			2		3		2	3	3	4	1		2	2	3	2		3	3	1	2		5	2	43

establishments																									
explosive substance																									
inflammable substance			1																						1
inflammable gas																									
harmful substance			2		1			1						1											5
radiation																									
other hazards, harmful substances							1								2										3
metal material					2		2	1	1				1	1				1		1	1		1		12
lumber, bamboo							1																		1
stone, sand, substance																									
other materials			3		3			2				3	3	4	1			3		1		2	2		27
load			7		8		4	5	4	4	7	2	1	3	5	2	3	1	2	1	4	3	2	8	76
machine/equipment as load							1				1	2			1		1								6
natural ground, rock																									
standing tree								1																	1
water			1							1			2												4
abnormal																									

environment																									
high/cold temperature environment			1				1							1	1										4
other environments			7		3		2	3	1	4	1	1	1	3	10	4				4			2	2	48
other causal agent			4				3	2	1		1	1		3	4			2	1	2	2	79	1	1	107
no causal agent			3		5		2	4	5	7	4	4	2	5	8	7	4	3	4	5	3	1	1	6	83
unclassifiable					1		1		2																4
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617

Workers age of fatal and non-fatal accidents in over/under wear 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	5	2	1	5	2	2	1		2	2		2		1	2	2	3	2			2	3		1	40
20-29	26	16	13	17	19	13	4	13	12	9	7	10	10	9	5	5	7	2	7	7	3	31	6	4	255
30-39	29	24	18	23	22	22	17	13	12	15	14	15	6	6	9	8	7	5	9	4	8	35	9	6	336
40-49	64	48	39	37	29	22	22	16	18	17	10	22	13	20	16	14	11	11	7	6	11	17	7	10	487
50-59	77	62	55	51	56	56	54	50	56	37	49	28	22	44	39	23	23	16	23	30	26	19	20	32	948
60 years old or more	16	17	25	18	16	12	15	17	19	20	26	18	21	25	31	29	20	26	27	29	28	26	38	32	551
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617

Workers' number of workplace of fatal and non-fatal accidents in over/under wear 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	25	20	22	18	18	24	22	28	15	12	17	14	11	8	8	9	10	7	6	8	7	9	10	4	332
10-29	45	38	32	42	28	27	22	26	29	27	19	23	16	31	22	23	17	16	23	15	15	15	13	31	595
30-49	37	32	30	28	20	19	14	8	24	14	12	21	13	16	14	11	13	10	12	14	16	10	12	14	414
50-99	51	40	24	25	30	31	29	22	17	21	26	21	18	22	27	24	17	16	20	17	19	6	21	19	563
100-299	51	34	34	32	41	24	26	20	31	21	24	15	11	21	23	12	11	11	10	19	16	85	19	13	604
300 workers or more	8	5	9	6	7	2		5	3	5	8	1	3	7	8	2	3	2	2	3	5	6	5	4	109
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617

Month of fatal and non-fatal accidents in over/under wear 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	12	14	14	18	13	25	12	13	9	8	6	11	10	10	14	7	7	6	4	15	10	4	9	10	261
February	26	20	9	6	9	11	16	9	5	9	8	6	4	9	13	14	6	8	11	8	7	9	7	8	238
March	25	12	13	18	12	7	12	11	14	6	6	9	7	8	9	7	7	5	5	4	9	5	9	7	227
April	24	10	14	16	19	11	6	6	8	7	9	11	8	5	11	6	6	7	7	4	5	6	8	10	224
May	15	17	10	11	14	10	8	9	10	6	16	7	3	8	7	5	4	4	3	7	2	4	8	3	191
June	13	8	7	8	12	9	4	10	11	9	10	7	4	10	6	8	6	6	7	8	6	4	3	7	183

July	20	19	15	12	9	9	7	8	8	10	14	4	5	10	8	5	7	5	7	3	6	2	6	15	214
August	10	20	14	9	16	8	11	4	16	4	6	8	6	2	5	3	4	4	8	4	7	4	8	4	185
September	24	11	13	15	11	13	7	12	8	12	7	4	5	9	3	5	8	2	3	6	10	3	5	1	197
October	16	13	12	12	11	12	12	7	8	10	6	11	4	16	8	9	5	5	8	7	3	3	6	6	210
November	14	14	18	13	9	6	9	11	10	8	8	9	9	6	5	4	3	6	4	6	6	6	2	9	195
December	18	11	12	13	9	6	9	9	12	11	10	8	7	12	13	8	8	4	6	4	7	81	9	5	292
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617

Prefecture of fatal and non-fatal accidents in over/under wear 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	6	5	8		2		3	4	2	1	4	2	2		1	3	2		5			2		2	54
Aomori	3	4	2		2		3	1	4	4	1	2	2	3	8	3	1	2	3	6	2	2	5	2	65
Iwate	1	5	4		5		1	1	7	1	5	3	3	8	4	4	2	5	3	1	3	1	5	3	75
Miyagi	8	6	7		1		4	6	3	2	2	2	3	2	1	1	2	1		2		2	3	1	59
Akita	13	12	14		11		5	5	15	7	7	9	5	8	6	7	5	3	4	11	10	1	4	11	173
Yamagata	14	7	6		5		8	4	7	7	3	2		3	9	5	2	3	2	6	3	3	2	4	105
Fukushima	12	9	6		11		9	6	6	8	7	6	6	9	7	5	4	2	5	3	7	2	3	4	137
Ibaraki	2	1			5			1		1	2					4	1				1			4	22
Tochigi	2	1	2						1		1			2				1	3	1	1		1		16
Gunma	2	1	2		4			5			1			1	1	1	3			1	1				23

Saitama	1	5	2		5		4	1	3	1	7	2	1	4	1	2	2		1	2	4	1	2	2	53
Chiba	3	4	1		2				1	2	2	3	1	1	4		1	2	2	1	1	1	1	1	34
Tokyo	1	2	1		4		1	2	1	3	1				2	1							2	1	22
Kanagawa	2							1	1	1	1	2	2										1	1	12
Niigata	2	6	4		7		2	2	3	3	6	7	2	10	2	4	2	4	3	3		2	4	4	82
Toyama	2	1			2		1		1	1	1				1	1	1	2	1			1	2		18
Ishikawa	1	2	6		1		2	3	3	1	3	2	3		4	3		1	1		1	2			39
Fukui		1	4		2		1	2	3	2	4	2	2	3	2		1	2		2	3	2		1	39
Yamanashi		3	2		1			1									1								8
Nagano	3	1	2		2			2		1	3		2	3	2	1	2			2	1	1	1	2	31
Gifu	3	6	9		4		7	3	3	2	7	4	4	3	3	2		2	2	2		3	1	5	75
Shizuoka	5	4	3					2	1					2			2	1			1	2	2		25
Aichi	3	1	2		1		2	2	1	2	4	2			2	4		1				1	1		29
Mie	3	4	2		1		2		1			1		2	1										17
Shiga	1		2				1	2	3				2		4								1		16
Kyoto	2	1	1		3		2	4	4	1	1	1				2	1	1		1	3			1	29
Osaka	12	8	5		3		5	7	8	6		4	2	3	4	1	2	2	1	2	2	2	1	1	81
Hyogo	7	3	5		3		5	1	3	3	1	1	2	2		2	2	1		3	3	2	1	2	52
Nara	4	1			1			2	2	2		1	2		2		2		5	2	2	1	1	1	31
Wakayama	3	1	2		2		1	2	1	3		1	1		2		3			1		1	3		27
Tottori	3	4	3		2				2	1	3	2	1	3	1		1	1	2		1	2		2	34

Shimane	9	3	4		3		9	1	1	2	3	5		1		1	4		1		3		1	1	52
Okayama	7	5	4		9		2	5	7	5	6	4	3	6	6	3	6	4	7	6	7	86	11	8	207
Hiroshima	13	8	8		3		6	5	5	4		6	3	2	3	2		3	5	2	9		4	2	93
Yamaguchi	1	7	3				3	4		1	1			3		1	1			1	1		1	1	29
Tokushima	9	1	3		2		3	1		1	1			2	1		1	2	1						28
Kagawa	7	4	3		2			2	1		1		2		1	2	2	1	1	1		1			31
Ehime	7	1	4		3		2	1	2	2		1	1	2	2	1			3				1	1	34
Kochi	5	2			3		2	1		2		1		1		1	1		1	1					21
Fukuoka	9	4	4		4		4	4	4	2	5	3		1	2	2	3	1	2	1	1		1	2	59
Saga	2	2	1		6		4	4	3	1	1	2	5	7	1		1		2	1	2	1		2	48
Nagasaki	4	6	3		4		3	2	2	9	1	4	1		1	1	3	2		2		1	2	2	53
Kumamoto	4	4	3					3	1	2	1	1		5	2	2	1	3	2	4	1	2	3	5	49
Oita	1	1			3		1	1					2	1		2		1		1					14
Miyazaki	11	8	1		7		5	2	3	2	5	6	6	2	7	4	1	7	2	3	3	1	7	5	98
Kagoshima	4	4	1		2			1		1	4	1			2	3	2	1	2	1	1	2	2	1	35
Okinawa			2		1								1						1						5
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617

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

==========

Fatal accidents in over/under wear in Japan in 1999-2022

over/under wear industry Code No.010301

Type of fatal accidents in over/under wear 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																	1								1
collapse																									
crashed by																									
caught in/between																									
cut																									
injury to the sole of the foot																									

drown													2												2
contact to high/low-temperature																									
contact to harmful substance																									
electric shock																									
explosion																									
burst																									
fire																									
traffic accident (public road)	2																								2
traffic accident (others)																									
reaction to motion/improper motion																									
others																									
unclassifiable																									
total	2												2				1								5

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

Causal agents (middle) of fatal accidents in over/under wear 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																									
mobile silviculture machine																									
crane																	1								1
conveying machine	1																								1
vehicle	1																								1
pressure vessel																									
chemical facilities																									
welding equipment																									
kiln, caldron																									
electric equipment																									
human power machine, tools																									
tools																									
other equipments,																									

facilities																									
temporary buildings, establishments																									
hazards, harmful substances																									
materials																									
load																									
natural environment													2												2
other causal agent																									
no causal agent																									
unclassifiable																									
total	2												2				1								5

Causal agents (small) of fatal accidents in over/under wear 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)																									

injection molding machine																									
food manufacturing machine																									
printing machine																									
industrial robot																									
other general power machines																									
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane																									
mobile crane																									
derrick crane																									
elevator, lift																	1								1
cargo lifting appliance																									
gondola																									

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																									
truck	1																								1
forklift																									
railway equipment																									
conveyor																									
loader																									
straddle carrier																									
rough terrain hauler																									
other powered conveying machines																									
cars, bus, motorcycle	1																								1
railway vehicle																									
other vehicles																									
boiler																									

pressure vessel																									
other pressure vessels																									
chemical facilities																									
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																									
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																									
machine/equipment as load																									
natural ground, rock																									
standing tree																									
water													2												2
abnormal																									

environment																									
high/cold temperature environment																									
other environments																									
other causal agent																									
no causal agent																									
unclassifiable																									
total	2												2				1								5

Workers age of fatal accidents in over/under wear 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
30-39	1																								1
40-49																	1								1
50-59																									
60 years old or more													2												2
total	2												2				1								5

Workers' number of workplace of fatal accidents in over/under wear 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												2												3
100-299	1																								1
300 workers or more																									
total	2												2				1								5

Month of fatal accidents in over/under wear 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																									
February																	1								1
March													2												2
April	1																								1
May																									
June																									

July																									
August																									
September	1																								1
October																									
November																									
December																									
total	2												2				1								5

Prefecture of fatal accidents in over/under wear 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													2												2
Akita																									
Yamagata	1																								1
Fukushima	1																								1
Ibaraki																									
Tochigi																									
Gunma																									

Saitama																								
Chiba																								
Tokyo																								
Kanagawa																								
Niigata																								
Toyama																								
Ishikawa																								
Fukui																								
Yamanashi																								
Nagano																								
Gifu																								
Shizuoka																								
Aichi																								
Mie																								
Shiga																								
Kyoto																								
Osaka																								
Hyogo																								
Nara																								
Wakayama																								
Tottori																								

Shimane																									
Okayama																									
Hiroshima																									
Yamaguchi																									
Tokushima																									
Kagawa																	1								1
Ehime																									
Kochi																									
Fukuoka																									
Saga																									
Nagasaki																									
Kumamoto																									
Oita																									
Miyazaki																									
Kagoshima																									
Okinawa																									
total	2												2				1								5

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