

temperature																									
contact to harmful substance																				1	1				2
electric shock	1																								1
explosion						1																			1
burst																									
fire																									
traffic accident (public road)			1	2	2	1					1				2				1				2		12
traffic accident (others)																									
reaction to motion/improper motion	1		1	1		3	2	3	1	2	1	2	2			1	2	1	1	1	1	1	1		28
others											1										1				2
unclassifiable																									
total	6	5	8	11	9	13	7	13	6	8	9	7	5	7	4	4	8	5	7	8	10	11	8	6	185

Causal agents (large) of fatal and non-fatal accidents in other electric/gas/water service 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		2	4			2		1		1	1	1		1		1		2		1		1			18

crane, conveying machine	1	1	2	2	5	2	2	3	1		2	1		1	2	1	1		2	2			2	1	34
other equipment	1	1	1	3	1	1		5		2	2	1	2	3	2		3		1		2	2	2	2	37
temporary buildings, establishments	1	1		4	1	6	3	4	3	3	1	1	2	2		2	1	3	1	7	6	2	2	56	
substance, material	1					1	2		1		2	1				2			1	1		1		13	
load	1				1				1	2		1						1		2				9	
environment			1	1	1						1						1	1			1	1	1	1	10
others	1			1		1						1	1				1			1			1	8	
total	6	5	8	11	9	13	7	13	6	8	9	7	5	7	4	4	8	5	7	8	10	11	8	6	185

Causal agents (middle) of fatal and non-fatal accidents in other electric/gas/water service 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							3
woodworking machine						1																1			2

hauling equipment													1			1							3	
human power machine																								
hand tool													2	1									3	
ladder			1									1		1		1					1	2	7	
slinging tool																								
other tools							1		1										1				3	
other equipment, facilities							1		1	2	1	1				1				1	1		9	
scaffolding																								
timbering																								
stairs, landing stage							1	1		1			1			1	2		4			1	12	
opening													1								1		2	
roof, beam, haze, crossbeam, principal rafter																								
working platform, boot board												1								1		1	3	
passage									1		1								1	2	3		1	9
building, establishment					1		2	2	1	2			1			1		1						11

water																									
abnormal environment																									
high/cold temperature environment																							1	1	
other environments			1								1						1	1			1	1	1	7	
other causal agent																									
no causal agent												1	1				1			1			1	5	
unclassifiable																									
total	6	5	8	11	9	13	7	13	6	8	9	7	5	7	4	4	8	5	7	8	10	11	8	6	185

Workers age of fatal and non-fatal accidents in other electric/gas/water service 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	2	1	2	4		1		2	1	2		2		1	1		1			3		1		1	25
30-39	1		2	1	3	4	3	1	1		3		2	1			1	1		1	2	1			28
40-49	1	1		2	3	5	2	3	2	2	3	3	1	2	1		2	2	4	1	4	4	2	2	52
50-59	2	2	3	1	3	2	1	5	1	1	2	1	1	1	2	4	3	1	2	2	1	2	4	3	50
60 years old or				3		1	1	2	1	3	1	1	1	2			1	1	1		3	3	2		27

more																									
total	6	5	8	11	9	13	7	13	6	8	9	7	5	7	4	4	8	5	7	8	10	11	8	6	185

Workers' number of workplace of fatal and non-fatal accidents in other electric/gas/water service 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		2	1	1	3	1	2	2	1	4	1						1	1	2	1		2	1		26
10-29	3	2	4	4	2	4	1	7		2	2	3	2	3	1	2	2	3	2	6	4	2	3	3	67
30-49	1	1	1	3		1	1	2	3	2	4			1			1			1		1	1	2	26
50-99	2		2	1	4	2	2	1	2			3	1	1	1	1	1		2		1	4	3	1	35
100-299				1		3		1			2	1	2	2	2	1	2		1		1	1			20
300 workers or more				1		2	1										1	1			4	1			11
total	6	5	8	11	9	13	7	13	6	8	9	7	5	7	4	4	8	5	7	8	10	11	8	6	185

Month of fatal and non-fatal accidents in other electric/gas/water service 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	1	2	1	1			2						3	1	1	1	1			1	18
February			1	1	2			1		1			1		1				1	1		2			12
March	2	1		3	1	1	1		2		2		1				1			1		2	1		19
April				1	2	1	1	2		1	1								1	1		1		1	13

May		2	1			3		2	1		1	1	1				1				1	1			15
June	1		1			1	1					1		1			1	2		3		1			13
July			1	1				1	1			2	1	1			2					1	1	1	13
August	1			1	1	1		1	1	1	2		1		2	1		1	1	2	3	3	1	1	25
September			1			1	1	1	1		1	1		1		1		1		1	1		1		13
October	1	1		1	1	2	1			4		2		1		1			1			1	1		18
November		1	1	1			1	2						2	1			1			1			1	12
December			1	1	1	1		2		1				1		1	1			1			2	1	14
total	6	5	8	11	9	13	7	13	6	8	9	7	5	7	4	4	8	5	7	8	10	11	8	6	185

Prefecture of fatal and non-fatal accidents in other electric/gas/water service 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			2	2	1									2	1	2	2	2		16
Aomori																									
Iwate																				1					1
Miyagi															1										1
Akita																									
Yamagata					1																				1
Fukushima	1		1		1								1			1	1		1		1				8
Ibaraki												1											1		2

Nara																									
Wakayama																				1	1	1		3	
Tottori																									
Shimane							1																	1	
Okayama								1										2						3	
Hiroshima													1		2					1				4	
Yamaguchi										1		2						1	1					5	
Tokushima																									
Kagawa																									
Ehime																					1	1		2	
Kochi																									
Fukuoka		1					1				1	2	2				1	1		4	2			15	
Saga																									
Nagasaki								1			1													2	
Kumamoto			1							1														2	
Oita																									
Miyazaki			1				1																	2	
Kagoshima								1					1						2					4	
Okinawa																									
total	6	5	8	11	9	13	7	13	6	8	9	7	5	7	4	4	8	5	7	8	10	11	8	6	185

unclassifiable																								
total		1					2		1									2						6

Causal agents (large) of fatal accidents in other electric/gas/water service 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		1																	1						2
other equipment								2																	2
temporary buildings, establishments										1									1						2
substance, material																									
load																									
environment																									
others																									
total		1						2		1									2						6

Causal agents (middle) of fatal accidents in other electric/gas/water service in 1999-2022

equipment																								
kiln, caldron																								
electric equipment																								
human power machine, tools																								
tools																								
other equipments, facilities																								
temporary buildings, establishments								1								1							2	
hazards, harmful substances																								
materials																								
load																								
natural environment																								
other causal agent																								
no causal agent																								
unclassifiable																								
total		1					2		1							2							6	

other materials																								
load																								
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																								
total		1					2		1								2							6

Workers age of fatal accidents in other electric/gas/water service 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																								
30-39																								
40-49		1																1						2
50-59							1																	1
60 years old or more							1		1									1						3
total		1					2		1									2						6

Workers' number of workplace of fatal accidents in other electric/gas/water service 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										1									1						2
10-29		1						2																	3
30-49																									
50-99																									
100-299																			1						1
300 workers or more																									
total		1						2		1									2						6

Kumamoto																									
Oita																									
Miyazaki																									
Kagoshima																									
Okinawa																									
total		1						2		1															6

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