Fatal and non-fatal accidents in painting products in Japan in 1999-2022

painting products industry Code No.010808

Type of accidents in painting products 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	10	8	6	10	10	6	8	7	8	6	5	3	3	8	3	7	7	6	2	7	6	2	4	4	146
falling to same level	8	10	6	5	7	4	5	6	7	4	5	8	4	6	7	7	3	5	15	5	11	11	7	7	163
crash			1	2	4	2	1	2	2	3	2	1	3		2	1	2	2		4	4	6	2	3	49
struck by flying or falling object	2	2	5	1	2	2	3	1	1	5	4	3	2	2	2	1				4	1		3	1	47
collapse		1		1	1		1	1		1	2			1					1	1	1				12
crashed by	2	2	1	3	2	1	4	2	2	3	1	1	2	1			1	3	2	2	2	2	4	2	45
caught in/between	19	18	14	11	17	14	12	17	8	11	10	12	12	6	5	12	16	12	7	7	10	7	12	7	276
cut	2	1	8	3	4	3	3	6	3	1	2	2		2		1	1	2			2	2		1	49
injury to the sole of the foot				1																					1
drown																									
contact to																									
high/low-	3	3		4	1		2	1	1	1	2	1	1	1	1	1			1	2	3		4		33

temperature																									
contact to harmful		2	2	3	1	1	2	3	4	1	4	3		2	1	2	4	2	1		2	1	6		49
substance		2		3		ľ	2	3	4	•	4	3			I			2							49
electric shock	1																								1
explosion		2			1	1		1						3											8
burst																				1					1
fire				1					1									2					1		5
traffic accident	2	2		1							1	1		1		1	2	1	1					1	14
(public road)											ľ														14
traffic accident																									
(others)																									
reaction to																									
motion/improper	3	8	7	6	4	8	7	6	9	7	3	7	8	5	3	4	2	3	4	7	6	10	10	8	145
motion																									
others																					1		9	1	11
unclassifiable				1			1		1						1					1					5
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060

Causal agents (large) of fatal and non-fatal accidents in painting products 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	19	15	17	12	13	7	8	15	7	5	10	9	7	5	6	7	10	7	5	7	7	7	11	4	220

crane, conveying	4	4	3	8	4	13	6	3	4	6	3	2	6	2		5	5	8	3	2	3	4	4	4	106
other equipment	12	9	7	6	9	5	12	5	11	9	8	7	5	11	9	11	7	11	7	8	14	4	8	6	201
temporary buildings,	12	10	8	9	12	4	10	10	10	9	8	13	5	8	3	5	6	5	7	8	11	14	12	9	208
establishments																									
substance, material	3	9	5	10	2	3	5	9	5	3	5	4	2	3	1	6	4	4	1	2	5	2	8		101
load	3	7	9	4	9	5	2	7	6	6	5	5	7	5	1	2	4	2	4	9	6	5	7	7	127
environment		1		1	1				1	2		1	1	2	1	1			3	3	2		1		21
others	1	4	1	3	4	5	6	4	3	3	2	1	2	2	4		2	1	4	2	1	5	11	5	76
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060

Causal agents (middle) of fatal and non-fatal accidents in painting products in 1999-2022

		2007	2008	2009  2	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
engine																		
power																		
transmission 1 2 1	ı	1		3	3		1	1	2	2	1				2	1		19
mechanism																		
woodworking		1					1							1				5
machine 2							1											

construction				1							1														2
machine				<u> </u>																					
metal																									
manufacturing		5	1					3							1				1		1				12
machine																									
general machine	18	8	13	11	13	7	7	12	5	5	9	6	7	3	4	5	8	6	4	7	5	5	10	4	182
mobile silviculture																									
machine																									
crane						2	1			1			1				1				1			1	8
conveying				_		1.1	_			_			_			_		_							02
machine	2	2	3	7	3	11	5	3	4	5	2		5			5	3	7	2	2	2	3	3	2	83
vehicle	2	2		1	1						1	1		1			1	1	1			1	1	1	15
pressure vessel	2		2								1														5
chemical facilities		2					1	1	1										1				2	1	9
welding																									
equipment																									
kiln, caldron											1														1
electric equipment											1														1
human power		1		1		1		1	2					1	1	1		_		1				1	40
machine, tools		1	2	1	2		6	1	3	6	2	3	3		1	I	2	3	2	I	3		2	<b> </b>	48
tools	9	3	2	4	5	4	3	1	6	3	2	2	1	4	5	6	5	6	3	7	9	4	2	4	100
other equipments,																									

facilities	1	3	1	1	2		2	2	1		1	2	1	6	3	4		2	1		2		2		37
temporary																									
buildings,	12	10	8	9	12	4	10	10	10	9	8	13	5	8	3	5	6	5	7	8	11	14	12	9	208
establishments																									
hazards, harmful substances	2	8	2	8	2	2	3	4	5	2	4	3	1	2	1	2	4	4	1		3	1	7		71
materials	1	1	3	2		1	2	5		1	1	1	1	1		4				2	2	1	1		30
load	3	7	9	4	9	5	2	7	6	6	5	5	7	5	1	2	4	2	4	9	6	5	7	7	127
natural environment		1		1	1				1	2		1	1	2	1	1			3	3	2		1		21
other causal agent	1	1			2		1	1						1	2			1					9	1	20
no causal agent		3	1	2	2	5	4	3	3	3	2	1	2	1	2		1		3	2	1	5	2	4	52
unclassifiable				1			1										1		1						4
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060

Causal agents (small) of fatal and non-fatal accidents in painting products 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			3		1	1	2	2	1				2	1		16

circular sawing machine	2				1			1				1		5
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						1								1
excavating machine														
foundation work machine														
hardening machine														

			_	-		-	-	1	1		$\vdash\vdash\vdash$			-			1	-	-	-		4
demolition machine																						
vehicle for high lift work																						
other construction machines																						
lathe																						
drill press, milling machine																						
grinding machine, buffing machine																1						1
power press					1													1				2
forging pressure hammer																						
shearing machine																						
other metal manufacturing machines	1				2							1										4
centrifugal machine																						
mixer, grinder	4	6		2	3	3	2	4	1				1	3	2	1	3	2	1	3	3	4.
roll machine (except	2	3		1	3			1	2	1		1	1	2	2		2	1	1	1		2
machine)																						

<u> </u>	 		 	 																		
injection molding machine							1								1							2
food manufacturing machine																						
printing machine		2	1				1		1													5
industrial robot																						
other general power machines		5	3	4	6	2	1	4	2	6	3	3	3	3	1	3	2	2	3	6	1	63
felling machine																						
mobile logging																						
skyline yarding machine																						
other mobile silviculture machine																						
crane										1				1							1	3
mobile crane																						
derrick crane																						
elevator, lift																		1				1
cargo lifting																						
gondola																						

			 						$\Box$												
			1			1															2
	1		1		1		1						1	1		1				1	8
	2	2	3	3	3	3	1	1	4	1		2	1	4	2	1	1	3	2	1	40
		1	1			1			1			1	1	1			1				8
						1						2		1					1		5
		1					1	1		1			1	1	1			1	1	1	10
==	=	i	i		$\equiv$				$\equiv$		$\equiv$	$\equiv$	$\equiv$	$\equiv$	一	$\equiv$	$\overline{}$		i	i	i

pressure vessel																		
other pressure vessels		2																2
chemical facilities				1	1	1								1		2	1	7
gas welding equipment																		
arc welding equipment																		
other welding equipment																		
kiln, caldron																		
industrial dryer								1										1
other kiln, caldron																		
transmission								1										1
electric power facilities																		
other electrical equipment																		
human power cranes																1		1
human power hauling equipment		2	1	3			1		2		1	1	1	2	2	1		20

human power						2									1							3
machine															<u> </u>							
hand tool			1	3	1	1	5	2	1	1	1	1		1	1		1	1				21
ladder		1	3	1	1	3	2	1	1	1	3	3	5	4	2	1	5	4	1	1	2	45
slinging tool				1		2																3
other tools		1	2	1		1	1	1	1		1	2	1	1	4	2	2	5	3	1	2	32
other equipment,		1	2	2	2	1		1	2	1	6	3	4		2	1		2		2		32
scaffolding							1															1
timbering																						
stairs, landing stage		3	4	4	3	3	2	1			3		1	3	2	1	1	2	4	2	6	45
opening			1						1			1										3
roof, beam, haze,																						
crossbeam,			1	2															1			4
principal rafter																						
working platform,		1	2	1	2		2	2	1	2	2				1			1	2	1		20
boot board									•													
passage		4	2	3	4	5	1	3	5	1		1	3	2	1	4	5	7	7	6	3	67
building,			1			1	1	2	3	2	3	1		1			1			1		17
establishment											٥											17
other temporary																						
buildings,			1		1	1	2		3				1		1	2	1	1		2		16

establishments																						
explosive substance								1														1
inflammable						1									2					2		5
substance						I									2					2		)
inflammable gas																				1		1
harmful substance		2	1	2	2	2	1	1	2				2	3				1		3		22
radiation																						
other hazards,			1	1	2	2	1	2	1	1	2	1		1	2	1		2	1	1		22
harmful substances				I		2	I			I	2	I								ľ		
metal material		2		1	3		1	1		1			2				1	2	1	1		16
lumber, bamboo											1											1
stone, sand,																						
substance																						
other materials		1		1	2				1				2				1					8
load		9	9	1	7	6	6	3	3	7	5	1	2	3	2	4	9	6	5	7	7	102
machine/equipment				1				2	2					1								6
as load																						
natural ground,																1						1
rock																						
standing tree																		1				1
water																						
abnormal																						

environment																				1					1
high/cold																									
temperature					1					1		1		1						2	1		1		8
environment																									
other environments									1	1			1	1	1	1			2						8
other causal agent					2		1	1						1	2			1					9	1	18
no causal agent			1		2		4	3	3	3	2	1	2	1	2		1		3	2	1	5	2	4	42
unclassifiable							1										1		1						3
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060

Workers age of fatal and non-fatal accidents in painting products 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		2	1	2	1	2		1				1		2		1		1	1		1		18
20-29	8	7	11	7	13	7	9	13	8	6	6	5	5	7	4	11	10	7	4	12	10	11	12	6	199
30-39	11	18	11	11	12	13	8	16	13	10	17	9	11	8	9	9	9	8	6	4	12	7	15	3	250
40-49	13	10	9	11	8	9	8	10	8	10	5	15	9	7	4	6	9	9	8	13	13	7	13	6	220
50-59	17	17	14	16	18	9	14	8	15	9	10	7	8	10	5	4	6	8	10	7	9	10	13	11	255
60 years old or more	4	6	5	6	2	2	9	4	3	7	3	6	2	5	3	5	4	5	6	4	4	6	8	9	118
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060

## Workers' number of workplace of fatal and non-fatal accidents in painting products 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	9	5	5	7	6	2	8	8	5		5	4	3	3	5	1	5	5	1	2	1	2	3	100
10-29	12	12	13	11	12	11	14	10	7	13	9	11	12	12	2	5	10	10	5	7	7	9	21	8	243
30-49	10	6	13	14	10	9	9	8	7	11	5	9	5	7	4	6	5	4	2	8	8	9	13	5	187
50-99	12	10	5	13	8	8	11	7	6	5	17	8	10	7	7	9	13	6	9	11	16	11	12	8	229
100-299	12	16	7	9	13	8	8	14	11	8	8	6	4	8	8	7	6	13	12	13	15	10	11	9	236
300 workers or	3	6	7	1	4		5	6	8	1	2	3		1	1	5	3		1	1	1	1	3	2	65
more															<u> </u>				•		•	•			
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060

## Month of fatal and non-fatal accidents in painting products 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	4	5	6	4	5	1	3	8	1	4	3	1	3	2	3	5	4	1	4	2		4	4	2	79
February	5	5	5	5	6		2	2	3	3	1	2	5	4	1	2	3	3	2	3	3	4	2	1	72
March	4	6	5	10	3	6	4	7	6	4	2	10	4	3	2	6	4	7	4	3	5	4	6	1	116
April	6	5	3	3	4	6	2	8	3	3	1	5	2	3	2	1	2	8	2	4	5	1	3	8	90
May	5	2	4	4	7	7	2	2	7	5	3	5	2	3	3	2	4	3	3	3	6	4	7	6	99
June	5	8	9	4	6	4	9	1	1	3	8	5	3	6	1	3	1	2	6	4	8	7	7	4	115

							-			!					!			!							الحسا
July	6	5	3	4	1	1	1	4	6	5	5	4		2	5	5	3	2	3	5	6	4	5	1	86
August	3	4	1	3	6	1	9	5	6	4	4	2	1	2	1	2	5	3	2	2	4	4	11	4	89
September	5	1	1	4	6	6	6	3	5	2	2	2	7	5	2	3	3	2	2	6	4	3	6	1	87
October	5	4	6	4	5	6	4	6	3	7	3	3	1	3	2	3	2	2	2	1	5	1	3	3	84
November	2	9	3	4	3	4	3	3	3	1	5	2	3	4		2	4	3	4	3	1	3	3	3	75
December	4	5	4	4	2		4	4	3	2	4	1	4	1	3	3	3	2		5	2	2	5	1	68
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060

## Prefecture of fatal and non-fatal accidents in painting products 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
Aomori																									
lwate																									
Miyagi																									
Akita																									
Yamagata																									
Fukushima		1	2				1	1				2	2			2			1		1	2	9		24
Ibaraki		2	1		2		1	5	2		1	1	1		2	1	2	4	3	1	1		1	1	32
Tochigi	1	3	1		2			1	1	1		1	2	2		1	2			2	4		2		26
Gunma			2				1	2		2	1					1			1	1	2	2	2		17

Saitama	8	10	7	7	11	7	7	9	8	4	4	10	1	8	6	5	4	5	12	8	8	10	159
Chiba	1	4	7	5	1	2	7	5	2	6		2	4	1	1	2	1	1	3		5	3	63
Tokyo	9	3	6	5	6	1	2		1	4	1	3	2	2	2		2	2	1		3	1	56
Kanagawa	1	3	1		3	1	2		1	2	4	5	2	1	3	4	1	2	1	3		2	42
Niigata	1					3	1			1				1		2					2		11
Toyama														1	1			1					3
Ishikawa						1																	1
Fukui					1	1						1										1	4
Yamanashi		1			1	1	1	1	4		1			1		1		1	3				16
Nagano	2	1																					3
Gifu				1	1				1	1	2	2		1	1	1		1	2		1	1	16
Shizuoka	2		2	1	2	1		2		1			2	1		1			1		1		17
Aichi	5	6	4	7	5	7	5	6	5	2	3	2	4	2	4	1	4	3	4	2	5	4	90
Mie	1		1	1	2	1		2			2	1	1	2	1	4	2	4	2	2	2	1	32
Shiga	3	4		1	1	1	1	1	1	1	1			2		2	1	2	3	3	2	2	32
Kyoto	1	1	1	2	3	1	2	2	1	1			1	2		1	2	2	1	3	1	1	29
Osaka	10	9	10	13	2	7	7	3	8	8	3	5	2	4	7	5	6	6	7	8	5	5	140
Hyogo	4	4	3	4	4	4	5	4	4	4	6	1	2	2	4	5	6	5		5	8	2	86
Nara						1														1			2
Wakayama		1				1	1																3
Tottori																							

total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060
Okinawa																									
Kagoshima																									
Miyazaki																									
Oita																							1		1
Kumamoto	1				1												1								3
Nagasaki																									
Saga			1		1										1										3
Fukuoka	2	1	1					1			1				1		2			2	1	2	1		15
Kochi																									
Ehime									1																1
Kagawa	1											1		1											3
Tokushima									1																1
Yamaguchi		1									1												1	1	4
Hiroshima	1	2					1	1		4	1	1		3									1		15
Okayama		1			1		2	1	1	1		1	3				1						1		13
Shimane																									

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.

Return to https://ww	w.jish	a.or.jp	<u>/engl</u>	ish/sta	<u>itistic</u>	s/2022	<u>e_inc</u>	dustry.	<u>html</u>																
======================================	==== nting	==== produ	==== icts in	==== Japan	==== i in 19	99-20	22	====	===:	====	====	====	====	=											
painting products inc	dustry	Code	No.01	0808																					
Type of fatal acciden	ts in p	aintin	g pro	ducts i	in 199	9-202	2																		
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							1		1																2
falling to same level								1													1				2
crash																									
struck by flying or																									
falling object																									
collapse																									
crashed by																									
caught in/between			1					1																1	3

Data sources: <a href="https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html">https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html</a> (MHLW, Japan)

cut

the foot

injury to the sole of

	$\vdash$	$\vdash$		$\vdash$	$\vdash$	$\vdash \vdash$			$\vdash \vdash$	$\vdash$	$\square$	$\square$	$\square$	$\square$	$\vdash$	$\vdash \vdash$	$\vdash$	$\parallel$	=	$\vdash$	=	=		
drown																								
contact to																								
high/low-																								
temperature																								
contact to harmful																								
substance																								
electric shock																								
explosion																								
burst																								
fire																								
traffic accident																								
(public road)																								
traffic accident																								
(others)																								
reaction to																								
motion/improper																								
motion																								
others																								
unclassifiable																								
total			1				1	2	1											1			1	7

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	3
crane, conveying							1																		1
machine							•																		
other equipment									1																1
temporary																									
buildings,								1													1				2
establishments																									
substance, material																									
load																									
environment																									
others																									
total			1				1	2	1												1			1	7

Causal agents (middle) of fatal accidents in painting products 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	3
mobile silviculture															
machine															
crane															
conveying machine				1											1
vehicle															
pressure vessel															
chemical facilities															
welding equipment															
kiln, caldron															
electric equipment															
human power															
machine, tools															
tools						1									1
other equipments,															

facilities															
temporary															
buildings,					1							1			2
establishments															
hazards, harmful															
substances															
materials															
load															
natural															
environment															
other causal agent															
no causal agent															
unclassifiable															
total		1		1	2	1						1		1	7

Causal agents (small) of fatal accidents in painting products 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													

	_		إلـــــا			 	 				 <u> </u>	 		<u> </u>
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		1			1								1	3
roll machine (except														
printingroll														
machine)														

	 	$\overline{}$	$\overline{}$	 	 	 	 	 $\overline{}$	$\Box$	 	 	 	 	
injection molding machine														
food manufacturing														
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														
cargo lifting appliance														
gondola														

	<u> </u>	_		$\square$	$\square$	 <u>  </u>	<u>                                     </u>		Щ	!		 $\sqsubseteq$	 $\square$	Щ	
lumberyard equipment, logging cableway															
simple skyline yarding equipment															
other powered crane															
truck															
forklift				1											1
railway equipment															
conveyor															
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													
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					1								1
slinging tool													
other tools													
other equipment,													
facilities													
scaffolding													
timbering													
stairs, landing stage													
opening													
roof, beam, haze,													
crossbeam,													
principal rafter													
working platform,													
boot board													
passage											1		1
building,				1									1
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												
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		1	2	1						1		1	7

Workers age of fatal accidents in painting products 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																									
40-49								1	1																2
50-59			1				1	1													1				4
60 years old or																									
more																									
total			1				1	2	1												1			1	7

Workers' number of workplace of fatal accidents in painting products 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							1																		1
50-99			1						1															1	3
100-299								2																	2
300 workers or																									
more																									
total			1				1	2	1												1			1	7

Month of fatal accidents in painting products 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
February			1																						1
March									1																1
April																									
May																									
June																					1				1

July															
August															
September				1										1	2
October															
November															
December					1										1
total		1		1	2	1						1		1	7

## Prefecture of fatal accidents in painting products 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																									
lwate																									
Miyagi																									
Akita																									
Yamagata																									
Fukushima																									
lbaraki																									
Tochigi																									
Gunma																									

	 									$\overline{}$	 $\overline{}$	 		 		
Saitama																
Chiba		1														1
Tokyo													1			1
Kanagawa																
Niigata																
Toyama																
Ishikawa																
Fukui																
Yamanashi																
Nagano																
Gifu																
Shizuoka																
Aichi				1	2											3
Mie																
Shiga															1	1
Kyoto																
Osaka																
Hyogo						1										1
Nara																
Wakayama																
Tottori																

Shimane															
Okayama															
Hiroshima															
Yamaguchi															
Tokushima															
Kagawa															
Ehime															
Kochi															
Fukuoka															
Saga															
Nagasaki															
Kumamoto															
Oita															
Miyazaki															
Kagoshima															
Okinawa															
total		1		1	2	1						1		1	7

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