

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 substance	2	2	2	3	1	1	2	3	4	1	4	3		2	1	2	4	2	1		2	1	6		49
electric shock	1																								1
explosion		2			1	1		1						3											8
burst																				1					1
fire				1					1								2						1		5
traffic accident (public road)	2	2		1							1	1		1		1	2	1	1					1	14
traffic accident (others)																									
reaction to motion/improper motion	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
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 machine	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, establishments	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
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

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	2	1				1		1			3		1	1	2	2	1				2	1			19
woodworking machine			2						1					1								1				5

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	44
roll machine (except printingroll machine)			2		3		1	3			1	2	1		1	1	2	2		2	1	1	1	24

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	2			1	1	1	2		2		1	1	20

human power machine								2									1							3	
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	2	1	1	4	2	2	5	3	1	2	32	
other equipment, facilities			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, principal rafter					1		2															1		4	
working platform, boot board			1		2		1	2		2	2	1	2	2				1			1	2	1	20	
passage			4		2		3	4	5	1	3	5	1		1	3	2	1	4	5	7	7	6	3	67
building, establishment					1					1	1	2	3	2	3	1		1		1			1	17	
other temporary buildings,					1												1		1	2	1	1		2	16

environment																			1					1	
high/cold temperature environment					1					1	1	1							2	1		1		8	
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 more	3	6	7	1	4		5	6	8	1	2	3		1	1	5	3		1	1	1	1	3	2	65
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

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																										
Iwate																										
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	

Shimane																									
Okayama		1			1		2	1	1	1		1	3				1					1		13	
Hiroshima	1	2					1	1		4	1	1		3								1		15	
Yamaguchi		1									1											1	1	4	
Tokushima									1															1	
Kagawa	1											1		1										3	
Ehime									1															1	
Kochi																									
Fukuoka	2	1	1					1			1				1		2			2	1	2	1	15	
Saga			1		1										1									3	
Nagasaki																									
Kumamoto	1				1												1							3	
Oita																						1		1	
Miyazaki																									
Kagoshima																									
Okinawa																									
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

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																									
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 agents (large) of fatal accidents in painting products in 1999-2022

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	

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)

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html