Industrial accidents in dyeing in Japan in 1999-2020

dyeing industry Code No.010204

Type of accidents in dyeing in 1999-2020

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
fall from height	17	21	23	16	17	22	22	19	11	16	13	14	8	10	12	7	18	9	10	10	8	8
falling to same level	28	28	20	15	21	19	19	18	18	13	21	8	13	14	15	12	18	13	17	15	15	13
crash	7	12	15	10	3	7	5	3	6	7	4	6	3	3	5	3	6	2	1	2	9	3
struck by flying or falling object	11	12	3	4	4	7	5	8	3	6	2	2	3	4	2	3	3	5	1	1	1	0
collapse	3	1	3	-	1	2	0	1	0	0	2	1	0	3	1	0	1	1	1	0	0	1
crashed by	8	4	5	6	5	3	4	2	4	3	2	2	2	3	2	1	2	2	5	2	1	3
caught in/between	83	64	69	55	56	39	45	39	21	32	29	22	22	27	31	24	23	25	28	20	24	15
cut	4	9	4	3	6	3	5	4	3	3	5	3	2	0	1	1	1	1	4	0	6	1
injury to the sole of the foot	0	0	0	-	0	-	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
drown	0	1	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	16	20	24	10	8	10	15	7	3	9	6	11	6	6	5	4	5	8	13	5	4	6
contact to harmful substance	6	9	8	5	7	7	4	3	3	3	7	2	2	0	3	3	2	6	1	1	2	5
electric shock	1	0	0	-	0	-	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
explosion	0	0	0	-	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
burst	1	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
fire	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
traffic accident (public road)	1	1	1	1	2	1	1	1	0	3	0	0	2	0	0	0	1	0	0	1	0	0
traffic accident (others)	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
reaction to motion/improper motion	12	10	8	14	6	11	12	10	5	6	7	7	4	7	4	4	7	8	8	4	10	3
others	0	1	0	-	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1

unclassifiable	0	0	1	-	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	199	193	184	140	136	135	140	115	78	102	98	79	67	77	81	63	87	80	90	62	80	59

Causal agents (middle) of industrial accidents in dyeing in 1999-2020

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
engine	0	1	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
power transmission mechanism	5	5	5	4	2	2	1	1	1	0	3	1	1	0	2	2	0	1	0	2	0	0
woodworking machine	0	2	0	-	0	-	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
construction machine	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal manufacturing machine	4	0	4	1	1	1	0	2	0	0	0	0	0	1	0	1	0	0	0	0	0	1
general machine	69	44	59	47	50	33	46	31	25	33	27	27	15	25	26	17	24	17	27	15	23	13
mobile silviculture machine																	0	0	0	0	0	0
crane	3	2	3	3	3	-	4	1	0	1	3	0	2	1	2	1	1	4	2	1	1	0
conveying machine	3	15	10	7	6	6	3	2	9	6	2	1	3	1	5	4	3	6	3	2	1	1
vehicle	1	2	0	3	1	1	0	0	0	3	1	0	2	1	0	0	1	0	0	1	0	0
pressure vessel	11	11	12	4	6	4	4	2	2	4	3	6	0	2	0	1	2	0	5	1	1	4
chemical facilities	0	2	0	-	0	-	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	-	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	5	1	2	1	1	1	2	2	0	1	1	0	0	0	3	0	0	3	1	0	1	0
electric equipment	1	1	1	-	0	1	2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
human power machine, tools	18	20	10	16	13	10	14	7	0	4	5	6	2	7	4	5	6	3	7	5	8	5
tools	9	16	16	7	8	10	14	12	6	10	5	9	9	5	4	2	13	10	5	9	8	5
other equipments, facilities	7	2	5	2	7	3	3	5	3	5	3	3	3	5	3	0	2	5	4	3	1	1
temporary buildings,	28	35	26	22	23	26	28	27	18	18	26	14	14	16	20	13	22	17	19	15	20	18

establishments																							
hazards, harmful substances	10	11	9	6	4	14	7	5	2	4	8	3	4	2	5	3	2	5	1	1	2	5
materials	9	7	6	7	2	5	2	5	3	4	3	3	2	2	1	3	3	3	4	3	3	1
load	9	7	7	8	2	4	8	10	5	4	3	2	4	4	1	4	4	4	2	0	8	1
natural environment	2	3	2	-	3	3	0	2	0	3	0	2	3	1	0	4	1	1	2	2	1	2
other causal agent	2	2	4	1	0	4	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	1
no causal agent	2	3	2	1	3	7	2	1	2	1	2	2	3	3	4	2	2	0	7	2	2	1
unclassifiable	1	1	1	-	0	-	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
total	199	193	184	140	136	135	140	115	78	102	98	79	67	77	81	63	87	80	90	62	80	59

Causal agents (small) of industrial accidents in dyeing in 1999-2020

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
engine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
power transmission mechanism			5		2		1	1	1	0	3	1	1	0	2	2	0	1	0	2	0	0
circular sawing machine			0		0		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
band sawing machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
wood planer machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hollow chisel mortiser, wood borer			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chamfering machine, router, woodworking milling machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chain saw			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other woodworking machines			0		0		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
leveling, transporting or loading machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
excavating machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

foundation work machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hardening machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
demolition machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vehicle for high lift work			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other construction machines			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lathe			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
drill press, milling machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
grinding machine, buffing machine			1		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power press			1		0		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
forging pressure hammer			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
shearing machine			1		0		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
other metal manufacturing machines			1		0		0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
centrifugal machine			0		0		1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
mixer, grinder			1		0		0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
roll machine (except printingroll machine)			20		20		15	11	7	6	8	15	5	11	17	8	9	7	11	11	7	3
injection molding machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
food manufacturing machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
printing machine			0		2		1	2	0	0	0	1	0	0	0	0	0	0	3	0	0	0
industrial robot			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other general power machines			38		28		29	18	18	27	19	10	10	14	9	9	13	10	13	4	15	10
felling machine																	0	0	0	0	0	0
mobile logging machine																	0	0	0	0	0	0
skyline yarding																						

machine																	0	0	0	0	0	0
other mobile silviculture machine																	0	0	0	0	0	0
crane			1		1		2	0	0	1	0	0	1	0	1	1	0	3	1	1	1	0
mobile crane			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
derrick crane			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
elevator, lift			1		2		2	1	0	0	3	0	0	1	1	0	1	0	0	0	0	0
cargo lifting appliance			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
gondola			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lumberyard equipment, logging cableway			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
simple skyline yarding equipment																	0	0	0	0	0	0
other powered crane			1		0		0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0
truck			4		2		1	1	2	0	1	0	1	0	2	0	0	0	0	0	0	0
forklift			4		1		1	1	6	3	1	1	2	1	2	2	2	3	3	2	1	1
railway equipment			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
conveyor			1		1		0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0
loader			0		0		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
straddle carrier			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rough terrain hauler			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other powered conveying machines			1		2		1	0	0	2	0	0	0	0	1	1	1	2	0	0	0	0
cars, bus, motorcycle			0		1		0	0	0	3	1	0	2	1	0	0	1	0	0	1	0	0
railway vehicle			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other vehicles			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
boiler			0		0		0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
pressure vessel			12		6		4	2	2	4	3	5	0	2	0	1	2	0	4	1	1	4
other pressure vessels			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities			0		0		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
gas welding			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

equipment																					
arc welding equipment			0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other welding equipment			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron			2		0		1	2	0	0	0	0	0	0	1	0	0	2	1	0	0
industrial dryer			0		1		1	0	0	1	1	0	0	0	2	0	0	0	0	0	1
other kiln, caldron			0		0		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
transmission			1		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric power facilities			0		0		0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
other electrical equipment			0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power cranes			0		0		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
human power hauling equipment			9		12		10	6	0	3	3	4	2	7	4	5	6	3	6	5	6	5
human power machine			1		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hand tool			0		1		3	1	0	1	2	1	0	0	0	0	0	0	1	0	2	0
ladder			9		4		6	7	1	9	3	4	6	4	3	2	9	5	2	6	2	3
slinging tool			0		0		0	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0
other tools			7		4		8	4	5	0	2	4	3	1	1	0	4	5	3	3	5	2
other equipment, facilities			5		7		3	5	3	5	3	3	3	5	3	0	2	5	4	3	1	1
scaffolding			0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
timbering			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage			3		7		8	12	5	3	4	4	2	6	6	4	2	2	6	3	6	4
opening			0		0		0	0	0	0	0	2	0	0	1	0	0	0	0	1	0	0
roof, beam, haze, crossbeam, principal rafter			1		0		2	0	0	0	1	1	0	0	1	0	1	0	1	0	0	1
working platform, boot board			1		2		6	4	3	5	3	0	4	1	2	2	5	4	4	2	4	3
passage			15		8		7	7	7	8	13	4	8	7	7	5	13	9	6	7	9	6
building, establishment			3		3		3	1	0	2	3	2	0	1	2	1	0	1	2	1	1	3

other temporary buildings, establishments			3		2		2	3	3	0	2	1	0	1	1	1	1	1	0	1	0	0
explosive substance			0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance			0		0		0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0
inflammable gas			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
harmful substance			7		4		3	4	0	0	3	0	1	0	1	2	1	2	0	0	0	1
radiation			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances			2		0		3	1	2	4	4	2	3	2	4	1	1	2	1	1	2	4
metal material			2		0		0	1	1	0	2	1	1	2	0	1	0	1	1	1	2	1
lumber, bamboo			0		1		1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
stone, sand, substance			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other materials			4		1		1	4	2	4	1	2	1	0	1	2	3	1	3	1	1	0
load			5		2		8	10	4	4	3	2	3	4	1	4	4	3	1	0	8	1
machine/equipment as load			2		0		0	0	1	0	0	0	1	0	0	0	0	1	1	0	0	0
natural ground, rock			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
standing tree			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
water			0		0		0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0
abnormal environment			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment			1		2		0	1	0	2	0	2	1	0	0	4	0	0	1	1	1	1
other environments			1		1		0	0	0	1	0	0	2	1	0	0	0	0	0	1	0	0
other causal agent			4		0		0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	1
no causal agent			2		3		2	1	2	1	2	2	3	3	4	2	2	0	7	2	2	1
unclassifiable			1		0		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
total			184		136		140	115	78	102	98	79	67	77	81	63	87	80	90	62	80	59

Workers age of industrial accidents in dyeing in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020

19 years old or less	5	5	3	3	1	2	4	0	0	0	0	1	0	0	2	1	2	2	1	1	4	1
20-29	24	25	22	18	13	12	15	14	7	13	9	10	6	5	10	6	13	10	10	10	8	7
30-39	22	25	20	27	23	25	25	19	10	22	27	20	16	11	10	7	14	9	20	9	12	9
40-49	28	36	33	25	18	17	21	14	12	22	16	13	7	15	13	9	24	23	15	13	19	8
50-59	81	81	79	53	63	54	54	44	34	24	23	18	21	20	25	13	11	19	22	11	13	14
60 years old or more	39	21	27	14	18	25	21	24	15	21	23	17	17	26	21	27	23	17	22	18	24	20
total	199	193	184	140	136	135	140	115	78	102	98	79	67	77	81	63	87	80	90	62	80	59

Workers' number of workplace of industrial accidents in dyeing in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	19	30	21	25	19	25	20	11	7	5	13	7	6	14	12	5	11	3	11	1	6	2
10-29	57	37	45	41	33	29	33	32	21	29	26	23	13	19	17	16	22	21	23	14	19	14
30-49	41	40	46	20	22	17	21	17	13	18	14	13	14	13	19	9	19	10	14	12	17	11
50-99	35	34	24	21	30	26	27	27	14	13	16	13	19	16	20	14	16	24	18	15	17	10
100-299	44	49	43	28	32	34	37	22	22	33	25	21	15	15	13	18	15	20	23	18	18	21
300 workers or more	3	3	5	5	0	4	2	6	1	4	4	2	0	0	0	1	4	2	1	2	3	1
total	199	193	184	140	136	135	140	115	78	102	98	79	67	77	81	63	87	80	90	62	80	59

Month of industrial accidents in dyeing in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	11	5	19	11	15	10	11	14	7	10	10	10	7	9	6	8	5	2	11	2	12	3
February	16	24	12	11	12	17	12	13	9	10	10	3	9	5	5	5	8	3	8	5	9	10
March	14	18	15	11	5	14	12	11	5	13	2	6	6	7	3	4	8	10	12	6	7	5
April	19	19	13	12	7	10	10	12	9	11	10	7	1	11	8	4	11	7	16	6	5	6
May	23	12	22	11	11	6	10	8	8	7	9	7	3	4	12	3	4	7	3	8	7	4
June	23	15	12	12	13	9	16	11	9	9	12	6	8	4	10	6	6	11	6	2	3	3
July	20	16	14	9	13	11	10	6	3	7	12	10	8	7	12	6	10	9	5	9	9	2
August	16	13	17	6	12	18	13	12	6	5	9	6	5	7	6	5	7	7	6	7	6	2
September	17	13	15	14	11	10	8	10	6	4	8	3	0	2	6	6	8	5	7	5	2	9
October	12	22	18	15	16	13	12	8	2	11	3	7	7	8	5	7	8	9	5	6	8	7
November	14	17	13	14	11	11	10	7	8	7	6	8	8	4	4	5	5	8	8	0	5	3
December	14	19	14	14	10	6	16	3	6	8	7	6	5	9	4	4	7	2	3	6	7	5

total	199	193	184	140	136	135	140	115	78	102	98	79	67	77	81	63	87	80	90	62	80	59

Prefecture of industrial accidents in dyeing in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aomori	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iwate	1	0	0		0		0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
Miyagi	0	0	0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Akita	0	1	0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Yamagata	2	3	2		0		1	2	0	1	0	0	1	0	1	0	0	1	0	0	1	0
Fukushima	1	0	1		0		2	0	1	2	0	0	0	1	0	0	1	0	0	0	0	0
Ibaraki	0	1	0		0		1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Tochigi	5	6	4		2		2	0	0	3	1	1	2	0	1	0	1	3	0	1	2	2
Gunma	2	7	6		5		1	1	0	1	1	2	1	4	1	2	6	1	1	1	1	0
Saitama	1	5	1		3		4	1	1	1	4	3	0	3	5	1	0	5	2	2	0	1
Chiba	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tokyo	0	2	4		2		3	3	1	0	1	1	0	0	1	3	0	0	0	1	2	0
Kanagawa	2	1	1		1		1	0	1	1	2	0	0	0	0	0	0	0	1	0	0	0
Niigata	4	9	7		5		6	2	6	3	4	5	2	3	2	5	5	7	2	5	2	6
Toyama	1	2	3		1		3	1	0	0	2	0	1	0	0	2	0	1	1	0	3	1
Ishikawa	3	7	6		6		5	11	3	4	5	8	4	7	4	7	8	2	7	6	5	8
Fukui	19	15	15		10		18	16	9	11	11	15	13	12	8	4	13	9	14	4	15	7
Yamanashi	0	2	2		0		0	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0
Nagano	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gifu	6	6	4		5		4	4	4	5	6	3	3	2	3	3	1	4	5	3	3	4
Shizuoka	17	7	8		6		5	3	5	3	1	4	2	1	4	1	4	2	2	6	2	2
Aichi	32	27	22		22		28	15	15	18	14	14	7	9	18	8	13	8	6	16	8	11
Mie	1	1	1		1		0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Shiga	6	3	5		3		1	4	1	1	0	2	1	1	2	0	0	1	2	3	3	1
Kyoto	26	18	25		17		23	17	8	17	17	6	6	10	9	8	13	7	18	3	14	4
Osaka	20	25	26		18		10	11	10	11	14	5	7	11	6	5	4	12	6	2	6	2
Hyogo	10	9	6		2		3	2	1	0	3	1	4	2	1	1	1	0	4	3	0	1
Nara	5	4	6		3		1	1	1	1	1	0	1	4	6	0	0	1	3	2	4	2
Wakayama	11	11	10		6		6	2	2	4	5	4	5	1	4	4	5	5	6	1	3	0
Tottori	0	0	0		0		1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0

Shimane	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okayama	4	5	4		5		4	4	0	6	2	1	2	1	1	2	5	2	2	0	0	1
Hiroshima	7	3	4		1		2	3	4	4	0	0	3	1	0	2	1	1	4	0	2	1
Yamaguchi	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tokushima	1	0	1		0		1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Kagawa	1	0	0		0		0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0
Ehime	8	12	8		9		3	6	3	2	2	3	1	1	2	2	4	6	4	1	3	2
Kochi	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukuoka	3	1	2		0		0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	1
Saga	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagasaki	0	0	0		0		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Kumamoto	0	0	0		0		0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Oita	0	0	0		2		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1
Miyazaki	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagoshima	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okinawa	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	199	193	184		136		140	115	78	102	98	79	67	77	81	63	87	80	90	62	80	59

Industrial accidents mean fatal and non-fatal injuries with work absence of 4 days and more. Data of 2011 year include Industrial accidents caused by Great East Japan Earthquake in 2011.

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

Return to https://www.jisha.or.jp/english/statistics/2020e_industry.html

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Fatal accidents in dyeing in Japan in 1999-2020

dyeing industry Code No.010204

Type of fatal accidents in dyeing in 1999-2020

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
fall from height	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
falling to same level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
crash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
struck by flying or	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

falling object																							
collapse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
crashed by	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
caught in/between	0	1	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	1	0	1	0	
cut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
injury to the sole of the foot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
drown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
contact to harmful substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric shock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
explosion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
burst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
fire	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
traffic accident (public road)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
traffic accident (others)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
reaction to motion/improper motion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
others	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	0	2	0	2	0	3	0	0	0	0	2	0	0	0	1	0	0	2	1	0	1	0	

Causal agents (middle) of fatal accidents in dyeing in 1999-2020

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
engine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power transmission mechanism	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
woodworking machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

construction machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
general machine	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	1	0
mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
conveying machine	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vehicle	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
other equipments, facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
temporary buildings, establishments	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
hazards, harmful substances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
materials	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	0	2	0	2	0	3	0	0	0	0	2	0	0	0	1	0	0	2	1	0	1	0

Causal agents (small) of fatal accidents in dyeing in 1999-2020

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
engine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power transmission mechanism	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
circular sawing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
band sawing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
wood planer machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hollow chisel mortiser, wood borer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chamfering machine, router, woodworking milling machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chain saw	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other woodworking machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
leveling, transporting or loading machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
excavating machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
foundation work machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hardening machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
demolition machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vehicle for high lift work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other construction machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lathe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
drill press, milling machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
grinding machine,																						

buffing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power press	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
forging pressure hammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
shearing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other metal manufacturing machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
centrifugal machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mixer, grinder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
roll machine (except printingroll machine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
injection molding machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
food manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
printing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
industrial robot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other general power machines	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0
felling machine																	0	0	0	0	0	0
mobile logging machine																	0	0	0	0	0	0
skyline yarding machine																	0	0	0	0	0	0
other mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mobile crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
derrick crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
elevator, lift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
cargo lifting appliance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
gondola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lumberyard equipment, logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

cableway																						
simple skyline yarding equipment																	0	0	0	0	0	0
other powered crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
forklift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
railway equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
conveyor	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
loader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
straddle carrier	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rough terrain hauler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other powered conveying machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cars, bus, motorcycle	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
railway vehicle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
boiler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other pressure vessels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
gas welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
arc welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
industrial dryer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other kiln, caldron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
transmission	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric power facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other electrical equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

human power cranes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power hauling equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hand tool	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ladder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
slinging tool	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other equipment, facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
scaffolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
timbering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
opening	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
roof, beam, haze, crossbeam, principal rafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
working platform, boot board	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
passage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
building, establishment	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other temporary buildings, establishments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
explosive substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
harmful substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
radiation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal material	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lumber, bamboo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

stone, sand, substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other materials	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
machine/equipment as load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural ground, rock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
standing tree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
abnormal environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other environments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	0	2	0	2	0	3	0	0	0	0	2	0	0	0	1	0	0	2	1	0	1	0	

Workers age of fatal accidents in dyeing in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-29	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40-49	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
50-59	0	2	0	2	0	1	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0
60 years old or more	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0
total	0	2	0	2	0	3	0	0	0	0	2	0	0	0	1	0	0	2	1	0	1	0

Workers' number of workplace of fatal accidents in dyeing in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

10-29	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
30-49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
50-99	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
100-299	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
300 workers or more	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
total	0	2	0	2	0	3	0	0	0	0	2	0	0	0	1	0	0	2	1	0	1	0

Month of fatal accidents in dyeing in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
February	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
May	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	0	2	0	2	0	3	0	0	0	0	2	0	0	0	1	0	0	2	1	0	1	0

Prefecture of fatal accidents in dyeing in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aomori	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iwate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miyagi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Akita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yamagata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukushima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ibaraki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tochigi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gunma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saitama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chiba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tokyo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kanagawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Niigata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toyama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ishikawa	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Fukui	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0
Yamanashi	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagano	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gifu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shizuoka	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aichi	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Mie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shiga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kyoto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Osaka	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Hyogo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wakayama	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tottori	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shimane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okayama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hiroshima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yamaguchi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tokushima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehime	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kochi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukuoka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagasaki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kumamoto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Oita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miyazaki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagoshima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okinawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	0	2	0	2	0	3	0	0	0	0	2	0	0	0	1	0	0	2	1	0	1	0

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

Return to https://www.jisha.or.jp/english/statistics/2020e_industry.html