

unclassifiable	0	1	0	-	0	-	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
total	131	131	130	100	104	119	107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47

Causal agents (middle) of industrial accidents in bookbinding 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
power transmission mechanism	2	3	1	1	1	2	3	0	3	3	0	0	0	1	0	0	1	0	2	0	2	0
woodworking machine	0	0	0	-	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
construction machine	0	0	0	-	0	-	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
metal manufacturing machine	7	5	2	3	5	5	8	7	5	5	6	6	3	0	2	4	4	3	3	1	1	3
general machine	76	68	63	48	61	56	54	49	53	51	36	36	36	24	30	24	26	21	23	27	16	21
mobile silviculture machine																	0	0	0	0	0	0
crane	3	0	0	-	1	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0
conveying machine	11	16	15	21	12	10	15	10	8	22	12	12	11	12	6	2	15	3	9	9	5	6
vehicle	1	1	0	-	0	-	1	3	0	0	0	0	0	1	1	0	2	1	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
chemical facilities	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	1	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
electric equipment	0	0	0	-	0	-	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0
human power machine, tools	6	3	6	4	4	5	1	4	5	3	7	3	1	3	2	1	1	2	6	3	2	1
tools	5	8	13	7	6	6	6	8	8	4	6	3	6	5	2	6	5	3	3	2	2	5
other equipments, facilities	2	1	1	1	0	2	1	2	1	2	0	1	1	0	1	2	1	0	1	0	0	1
temporary buildings,	9	11	10	4	5	14	11	11	8	5	6	9	6	8	11	9	11	6	8	8	5	4

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

19 years old or less	9	5	6	2	1	4	8	4	5	2	0	3	1	1	0	1	2	0	0	0	1	1
20-29	30	23	34	13	23	27	18	31	18	23	13	8	14	14	7	9	11	6	7	10	3	8
30-39	26	19	21	26	21	29	32	27	23	31	19	11	19	10	12	15	14	6	13	8	3	8
40-49	25	28	25	17	13	17	16	16	27	21	18	15	11	15	16	20	16	9	16	14	16	6
50-59	31	38	32	27	26	26	21	17	19	14	16	18	11	12	10	8	17	9	15	15	7	12
60 years old or more	10	18	12	15	20	16	12	16	11	18	17	19	18	10	18	10	16	11	18	16	9	12
total	131	131	130	100	104	119	107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47

Workers' number of workplace of industrial accidents in bookbinding 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	39	37	35	28	36	31	29	19	10	23	21	13	17	13	12	14	22	7	14	8	7	6
10-29	37	41	47	41	31	36	36	35	38	35	32	29	28	23	20	23	19	12	22	15	18	16
30-49	19	13	10	12	14	22	14	22	23	13	9	12	15	14	13	14	15	11	13	13	6	3
50-99	21	16	29	13	11	17	10	16	14	21	8	8	8	7	9	5	9	9	12	11	8	15
100-299	13	19	7	6	10	8	14	15	14	13	12	12	4	4	7	6	9	2	8	13	0	6
300 workers or more	2	5	2	—	2	5	4	4	4	4	1	0	2	1	2	1	2	0	0	3	0	1
total	131	131	130	100	104	119	107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47

Month of industrial accidents in bookbinding 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	10	7	9	10	12	9	13	12	8	14	6	9	10	9	6	2	7	3	7	6	7	1
February	15	13	10	12	6	12	11	7	10	11	1	4	6	7	3	10	10	3	5	3	4	4
March	9	14	12	12	12	20	4	15	15	9	6	3	5	4	3	9	6	1	10	10	4	5
April	15	6	19	5	7	7	13	16	12	4	12	7	6	2	8	3	3	5	5	6	4	8
May	7	12	9	10	11	8	5	9	8	10	4	7	7	3	4	7	7	3	4	5	0	3
June	11	15	13	10	14	10	6	8	7	3	10	5	5	7	4	8	9	2	4	7	2	3
July	11	8	9	11	5	9	3	3	7	10	6	7	7	4	8	5	3	5	5	9	1	8
August	14	10	9	5	6	4	13	11	8	6	11	7	4	6	7	5	5	5	6	2	2	0
September	8	15	9	7	14	9	8	5	8	13	5	5	8	7	10	4	8	5	4	3	2	4
October	14	10	13	7	4	18	13	8	6	9	10	7	7	7	4	6	8	2	7	3	3	6
November	10	10	9	7	8	9	10	10	4	8	5	8	4	6	3	1	6	4	5	6	4	3
December	7	11	9	4	5	4	8	7	10	12	7	5	5	0	3	3	4	3	7	3	6	2

total	131	131	130	100	104	119	107	111	103	109	83	74	74	62	63	63	76	41	69	63	39	47
-------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----	----	----	----	----	----	----	----	----	----	----	----

Prefecture of industrial accidents in bookbinding 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	2		1		1	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0
Aomori	0	0	0		0		2	1	2	0	1	0	0	0	0	1	0	0	0	0	0	0
Iwate	0	1	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miyagi	2	2	3		0		3	1	2	4	0	1	0	3	0	0	0	1	0	0	0	1
Akita	1	0	1		0		0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
Yamagata	0	0	0		0		1	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0
Fukushima	0	0	1		0		0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0
Ibaraki	2	2	0		0		0	2	0	1	0	0	0	1	1	0	1	0	0	1	0	0
Tochigi	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gunma	0	3	1		0		2	0	1	0	1	3	2	0	1	2	0	0	1	0	0	0
Saitama	37	33	40		40		32	30	31	29	27	22	21	14	20	21	26	11	23	21	11	16
Chiba	0	6	1		1		1	0	3	2	1	0	0	2	1	0	2	0	1	0	1	0
Tokyo	45	34	28		33		28	23	25	33	24	19	16	16	13	13	20	14	17	14	11	7
Kanagawa	2	3	2		1		2	0	1	0	0	0	1	1	1	0	1	0	0	0	0	1
Niigata	1	0	2		0		1	2	1	5	0	0	2	0	0	1	1	1	1	1	0	0
Toyama	0	0	0		2		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Ishikawa	0	0	0		1		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Fukui	1	0	1		0		0	1	1	0	1	0	0	1	0	0	1	1	0	1	0	0
Yamanashi	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagano	1	3	2		1		2	0	1	4	1	2	1	1	3	3	1	0	2	0	1	1
Gifu	0	1	5		2		3	1	0	1	2	4	0	1	0	0	1	0	0	0	0	0
Shizuoka	3	7	2		1		2	4	1	2	2	2	3	1	0	0	4	1	3	0	2	2
Aichi	5	8	7		0		4	4	3	5	4	4	2	10	2	2	1	2	3	3	2	5
Mie	0	1	0		0		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Shiga	0	1	0		1		0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0
Kyoto	2	4	5		2		4	3	3	2	1	3	3	2	5	2	3	3	0	1	1	3
Osaka	16	9	14		9		7	18	8	8	7	6	8	2	9	8	4	3	12	9	5	6
Hyogo	4	3	3		0		1	10	3	3	0	1	2	0	0	1	1	1	1	1	1	0
Nara	0	1	0		0		1	0	0	1	1	1	1	0	1	1	0	0	0	2	0	0
Wakayama	0	1	0		0		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	1	0	1	0	2	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	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	1	0	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