

Industrial accidents in printing/bookbinding in Japan in 1999-2020

printing/bookbinding industry Code No.0107

Type of accidents in printing/bookbinding 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	51	54	78	85	61	58	56	53	60	62	60	36	51	44	45	38	46	49	44	38	48	46
falling to same level	97	97	109	71	87	99	79	106	86	79	95	70	72	90	83	90	69	73	80	90	68	83
crash	31	40	36	24	36	44	33	26	30	22	28	23	28	16	14	28	17	20	16	25	21	24
struck by flying or falling object	31	34	23	32	20	36	36	27	25	24	25	21	18	16	16	23	19	14	12	22	16	7
collapse	7	15	10	10	9	9	9	11	11	11	10	9	7	7	11	5	9	11	4	10	12	8
crashed by	29	27	27	16	22	17	17	23	18	22	18	18	11	17	7	16	12	12	13	8	14	12
caught in/between	589	593	516	520	456	466	449	410	368	389	340	312	302	259	258	261	237	208	215	214	184	197
cut	68	75	83	64	60	60	46	59	56	50	53	51	37	31	33	25	34	30	29	32	32	37
injury to the sole of the foot	0	0	2	1	1	-	0	0	0	1	0	0	0	0	0	2	0	2	0	0	0	1
drown	0	0	0	-	0	-	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	6	7	4	7	3	5	2	3	3	2	4	9	5	2	1	2	0	2	3	4	7	4
contact to harmful substance	4	0	5	5	1	4	2	1	1	2	2	3	4	2	1	1	3	0	3	1	1	6
electric shock	0	2	2	-	0	1	1	1	0	2	1	1	0	0	1	0	0	0	0	0	0	0
explosion	0	0	0	-	1	-	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
burst	0	0	0	1	0	-	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0
fire	0	1	2	-	1	1	1	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0
traffic accident (public road)	30	30	18	19	16	15	15	21	11	8	16	9	16	7	17	6	9	6	3	5	3	6
traffic accident (others)	2	0	0	1	0	-	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0
reaction to motion/improper	84	66	81	74	66	64	59	64	84	70	53	54	51	59	46	45	39	25	62	65	53	46

motion																						
others	3	1	1	1	3	3	3	3	1	0	2	1	4	2	1	1	6	1	5	1	3	10
unclassifiable	2	2	1	3	1	1	1	2	3	1	0	0	0	1	0	1	0	0	0	1	1	0
total	1,034	1,044	998	934	844	883	810	810	759	746	708	617	610	553	536	546	501	453	489	516	464	487

Causal agents (middle) of industrial accidents in printing/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	18	11	8	12	5	7	8	3	4	10	7	7	2	7	5	2	3	2	4	4	5	4
woodworking machine	2	0	6	2	3	3	1	0	0	2	4	0	0	2	0	1	0	1	0	1	3	1
construction machine	0	0	0	-	0	-	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
metal manufacturing machine	43	28	24	15	29	19	23	26	30	17	18	23	17	7	8	17	19	12	10	12	5	15
general machine	564	571	514	522	438	480	423	400	379	379	351	314	300	260	260	244	213	211	204	206	178	194
mobile silviculture machine																	0	0	0	0	1	0
crane	5	5	7	3	5	8	8	1	7	4	7	4	1	4	3	3	4	0	2	2	2	4
conveying machine	56	62	46	62	56	45	64	55	43	64	41	32	38	41	26	33	50	25	40	35	23	18
vehicle	29	31	19	20	19	20	15	22	10	12	18	10	16	8	18	8	11	7	6	4	7	7
pressure vessel	1	0	0	-	0	-	1	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	1	-	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
kiln, caldron	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
electric equipment	1	0	1	1	0	-	1	1	0	0	2	1	0	0	0	0	1	0	2	1	1	0
human power machine, tools	37	36	48	28	30	35	25	27	28	22	24	36	17	22	19	28	13	23	17	23	26	21
tools	29	32	52	40	39	36	39	43	41	34	35	29	41	22	29	31	32	31	25	23	28	34

pressure vessel			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other pressure vessels			0	0	1	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
gas welding equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
arc welding equipment			0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other welding equipment			1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
kiln, caldron			1	1	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	1
other kiln, caldron			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
transmission			0	0	1	1	0	0	2	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	1	0	0
other electrical equipment			1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
human power cranes			0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	2	0
human power hauling equipment			23	12	13	12	15	16	16	25	10	14	11	13	6	16	8	16	17	10
human power machine			4	2	0	1	0	1	3	2	2	1	1	5	0	0	4	0	0	1
hand tool			21	16	12	14	12	5	5	9	5	7	7	10	6	7	5	6	7	10
ladder			18	21	14	18	20	13	17	12	19	9	15	12	11	15	9	3	8	14
slinging tool			1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0
other tools			33	18	24	25	20	21	18	16	22	13	14	19	21	16	16	19	20	20
other equipment, facilities			16	11	12	15	8	11	9	8	6	12	12	9	7	6	9	6	12	12
scaffolding			0	0	0	0	1	0	1	0	0	2	0	1	1	0	0	0	1	0
timbering			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage			32	30	27	33	33	28	35	16	24	24	18	20	29	20	27	25	29	31
opening			0	0	2	2	0	2	3	0	0	2	1	0	1	1	2	1	0	0
roof, beam, haze, crossbeam, principal rafter			2	0	0	0	2	0	0	0	0	2	0	1	2	1	2	0	0	2

working platform, boot board			21		14		11	14	12	13	7	5	11	14	11	9	10	12	12	14	8	5
passage			34		30		35	35	33	26	33	33	25	33	37	37	25	37	30	34	28	28
building, establishment			13		16		12	7	7	12	9	8	8	8	8	10	4	6	5	8	8	7
other temporary buildings, establishments			11		7		6	8	9	5	7	3	6	8	5	10	4	5	8	12	9	7
explosive substance			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance			2		1		2	3	1	0	0	2	1	0	1	0	2	0	1	0	0	0
inflammable gas			0		0		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
harmful substance			2		0		1	0	0	1	1	2	3	1	2	2	2	0	2	1	1	1
radiation			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances			4		2		1	0	0	0	1	1	1	1	1	0	1	0	1	0	0	6
metal material			10		10		9	11	7	10	8	8	14	8	5	6	6	7	5	7	5	7
lumber, bamboo			4		1		0	3	2	4	0	3	0	2	2	1	0	0	0	1	0	0
stone, sand, substance			0		0		0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0
other materials			22		15		17	15	16	12	17	15	11	11	11	10	13	9	10	7	14	7
load			53		41		26	39	53	37	36	25	30	21	23	30	22	24	28	41	33	27
machine/equipment as load			4		3		3	3	3	4	3	3	1	2	2	1	4	2	2	3	0	2
natural ground, rock			1		0		1	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0
standing tree			0		0		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
water			0		0		0	1	0	0	0	0	4	0	0	0	0	0	0	0	0	0
abnormal environment			0		0		0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
high/cold temperature environment			2		0		0	0	0	0	2	2	0	1	0	1	0	1	0	3	5	3
other environments			5		3		1	4	0	3	4	3	2	1	4	5	3	3	2	6	1	6
other causal agent			6		6		7	10	3	4	4	0	7	3	6	5	4	2	6	7	4	9
no causal agent			26		29		27	26	22	28	19	22	21	22	18	19	15	5	26	25	24	27
unclassifiable			1		0		1	1	2	1	1	1	0	2	1	1	0	0	1	0	2	0

total			998		844		810	810	759	746	708	617	610	553	536	546	501	453	489	516	464	487
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Workers age of industrial accidents in printing/bookbinding 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	53	39	37	29	32	31	35	23	29	26	12	25	22	19	18	22	13	9	11	11	9	15
20-29	295	311	308	262	240	232	221	230	176	176	149	111	134	101	98	88	96	74	97	86	75	67
30-39	198	193	218	207	173	227	195	189	181	212	201	177	156	145	116	145	107	87	101	96	74	87
40-49	188	174	168	151	119	142	112	137	145	133	121	120	129	119	123	127	114	138	129	135	134	126
50-59	229	250	208	199	193	167	171	145	157	120	126	99	95	105	107	98	103	89	96	115	100	112
60 years old or more	71	77	59	86	87	84	76	86	71	79	99	85	74	64	74	66	68	56	55	73	72	80
total	1,034	1,044	998	934	844	883	810	810	759	746	708	617	610	553	536	546	501	453	489	516	464	487

Workers' number of workplace of industrial accidents in printing/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	207	188	184	189	157	151	130	122	121	114	107	89	86	71	83	72	77	62	54	50	43	50
10-29	268	286	283	258	228	224	211	195	190	190	185	165	157	126	122	130	104	99	103	109	108	102
30-49	156	165	128	132	119	130	116	145	118	123	118	113	119	102	91	90	82	76	86	83	91	85
50-99	150	179	173	149	136	171	144	152	143	143	106	109	105	112	101	102	93	89	105	109	91	112
100-299	172	138	155	137	141	145	158	139	133	121	146	97	93	97	94	113	99	93	105	116	87	88
300 workers or more	81	88	75	69	63	62	51	57	54	55	46	44	50	45	45	39	46	34	36	49	44	50
total	1,034	1,044	998	934	844	883	810	810	759	746	708	617	610	553	536	546	501	453	489	516	464	487

Month of industrial accidents in printing/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	82	64	68	72	70	70	65	75	56	60	60	51	55	48	42	35	45	42	41	46	39	40
February	90	104	71	83	71	68	72	61	64	58	47	56	43	50	43	42	49	47	40	43	40	33
March	98	100	73	85	75	92	68	69	86	60	63	64	68	59	39	65	47	24	49	59	45	47
April	88	74	101	70	76	66	78	75	86	69	67	53	50	44	37	47	42	34	43	40	40	43
May	74	84	85	93	73	70	56	77	66	61	49	48	55	36	39	45	37	37	25	39	37	39
June	93	91	92	79	89	77	74	73	49	70	63	49	44	52	51	46	47	35	45	34	39	43
July	70	90	86	95	81	74	54	62	71	70	67	48	54	42	59	45	34	44	49	45	41	36

August	85	104	86	77	59	67	79	71	54	57	57	49	42	49	38	36	38	36	37	49	36	44
September	87	76	85	64	76	80	64	60	60	62	53	58	58	44	47	46	53	30	42	39	39	34
October	106	98	87	95	59	87	79	64	54	61	72	46	40	45	69	49	39	42	41	36	41	47
November	88	84	88	65	52	70	64	59	62	56	53	59	51	42	40	45	39	41	38	49	38	34
December	73	75	76	56	63	62	57	64	51	62	57	36	50	42	32	45	31	41	39	37	29	47
total	1,034	1,044	998	934	844	883	810	810	759	746	708	617	610	553	536	546	501	453	489	516	464	487

Prefecture of industrial accidents in printing/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	25	30	26		14		17	8	13	21	11	10	13	10	15	11	14	9	10	14	12	9
Aomori	3	3	7		4		5	4	5	3	5	2	4	2	5	1	1	1	0	1	2	2
Iwate	8	9	8		2		4	4	3	5	5	4	8	1	5	1	2	0	2	3	6	4
Miyagi	12	10	12		13		9	9	14	12	9	13	5	8	10	9	3	6	16	6	4	10
Akita	4	1	3		2		4	4	3	3	2	4	3	1	0	3	2	3	1	1	3	1
Yamagata	6	8	8		4		6	6	4	6	5	6	1	5	6	3	3	2	1	4	3	4
Fukushima	8	11	13		10		15	7	10	11	11	7	7	2	8	7	6	5	7	3	3	9
Ibaraki	22	24	18		23		24	22	14	21	19	12	15	21	14	13	13	16	11	17	16	20
Tochigi	16	9	5		9		5	6	10	6	7	6	6	9	6	5	5	6	5	10	4	8
Gunma	11	12	16		9		11	4	11	7	6	10	13	5	9	9	4	9	6	5	3	9
Saitama	134	115	133		129		128	112	126	106	109	90	81	79	65	76	85	62	78	84	55	65
Chiba	31	31	24		30		26	20	19	19	20	10	20	20	18	20	9	14	13	17	17	15
Tokyo	191	165	141		142		106	111	104	97	84	78	83	60	62	64	53	56	54	50	53	50
Kanagawa	30	38	26		25		21	23	17	18	17	17	16	18	17	14	12	11	8	7	16	6
Niigata	17	16	28		12		14	15	10	18	8	11	13	6	11	9	10	7	9	13	7	5
Toyama	12	11	5		18		8	4	3	6	4	4	5	5	3	5	3	5	1	7	2	8
Ishikawa	3	11	8		5		7	6	7	7	12	5	5	7	6	9	7	6	7	8	7	7
Fukui	4	3	4		4		2	7	4	4	6	3	2	3	2	4	4	5	1	5	2	2
Yamanashi	1	2	0		2		2	2	3	2	3	2	2	3	3	1	2	1	1	2	3	1
Nagano	16	17	10		8		8	4	7	14	4	7	9	11	13	9	8	7	10	4	9	2
Gifu	15	18	26		6		23	10	13	16	22	14	11	16	15	10	7	9	9	16	8	7
Shizuoka	31	41	30		21		23	33	27	25	17	20	28	19	14	17	22	13	14	17	19	13
Aichi	59	73	58		51		51	47	40	39	39	38	35	47	33	40	19	23	28	27	33	31
Mie	6	12	11		11		8	2	6	9	11	7	3	6	7	4	6	3	8	2	10	7
Shiga	15	9	9		5		7	10	5	7	17	10	9	11	6	7	14	10	9	17	3	11

harmful substance	0	0	0	1	0	0	0	0	0	0	1	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
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
metal material	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
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
other materials	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	1	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
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
standing tree	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	4	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
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
other environments	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	1	1	1	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	1	0	0	0	1	0	1	1	0	1	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	2	6	6	6	2	3	2	3	5	2	5	4	8	0	3	2	2	3	1	4	1	2

Workers age of fatal accidents in printing/bookbinding 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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-29	1	2	2	1	0	1	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0
30-39	0	2	2	1	0	1	1	1	0	0	3	2	5	0	1	1	0	1	1	0	0	0
40-49	0	0	1	0	0	0	0	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0
50-59	1	1	0	3	2	1	1	0	1	0	1	0	1	0	0	0	2	2	0	2	1	1
60 years old or more	0	1	0	1	0	0	0	1	2	2	0	0	1	0	1	1	0	0	0	1	0	1

Ehime	0	0	0	0	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	1	0	0	0	0	0	0	1	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	2	6	6	6	2	3	2	3	5	2	5	4	8	0	3	2	2	3	1	4	1	2

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