Industrial accidents in plastics products in Japan in 1999-2020

plastics products industry Code No.010805

Type of accidents in plastics products 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	140	132	144	115	132	102	135	123	122	130	107	89	121	91	81	109	110	97	100	105	103	110
falling to same level	119	122	115	90	108	125	129	124	120	146	106	101	128	126	124	132	117	150	156	174	157	141
crash	53	50	57	45	45	40	44	41	49	53	34	51	42	41	31	37	45	50	49	60	53	36
struck by flying or falling object	89	96	76	64	85	70	58	60	64	65	55	54	58	46	51	72	56	59	50	50	42	41
collapse	14	25	24	15	18	22	19	30	26	27	11	12	22	20	18	14	26	18	11	17	10	16
crashed by	44	50	41	36	36	27	30	33	50	49	18	27	26	26	42	33	28	43	37	36	35	30
caught in/between	469	451	471	394	394	373	382	385	376	362	311	308	306	315	266	268	268	273	280	301	271	258
cut	155	131	146	131	134	135	134	120	132	112	82	83	112	100	107	97	89	87	84	96	78	91
injury to the sole of the foot	1	1	1	2	1	1	1	0	0	0	0	0	2	2	0	2	4	0	1	3	0	1

drown	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	24	18	32	18	17	30	25	21	24	22	21	24	18	17	21	16	13	18	26	21	20	15
contact to harmful substance	2	3	3	5	6	5	7	5	9	6	4	1	5	3	2	1	3	5	9	6	4	1
electric shock	1	1	3	2	2	4	0	2	2	0	3	1	2	3	0	4	2	3	2	2	1	3
explosion	0	3	1	2	0	1	0	0	2	1	1	0	0	0	2	0	0	0	0	0	0	2
burst	0	1	0	-	0	-	1	0	0	0	0	0	1	2	1	0	0	1	1	1	0	0
fire	3	4	2	4	2	1	0	1	1	1	0	1	0	1	2	0	1	0	1	1	1	4
traffic accident (public road)	9	5	11	7	9	8	6	1	15	1	9	10	7	13	7	3	4	5	6	5	16	9
traffic accident (others)	0	0	0	-	0	-	0	1	0	0	0	1	0	0	0	0	2	0	3	0	0	0
reaction to motion/improper motion	78	70	69	57	81	76	64	73	80	90	64	69	86	79	72	76	81	81	88	87	89	85
others	3	2	1	-	3	3	3	3	3	3	1	7	3	1	1	3	4	2	4	7	3	16
unclassifiable	1	0	0	1	1	2	1	0	5	1	1	0	1	2	2	0	0	0	0	0	1	2

total	1,205	1,165	1,197	988	1,074	1,025	1,039	1,023	1,080	1,069	828	839	940	888	830	867	853	892	908	972	884	861

Causal agents (middle) of industrial accidents in plastics products 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	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0
power transmission mechanism	18	12	5	12	12	9	17	8	8	9	8	7	11	7	4	13	8	5	8	6	6	7
woodworking machine	28	28	18	17	30	18	26	22	22	10	12	12	23	20	21	13	20	17	12	15	14	11
construction machine	0	0	1	-	1	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	1	0
metal manufacturing machine	79	62	59	54	52	44	54	41	46	34	25	30	33	36	36	36	33	31	30	32	30	29
general machine	452	440	483	379	406	397	374	361	376	379	316	290	295	288	271	244	266	263	252	284	250	246
mobile silviculture machine																	0	0	0	0	0	0

crane	15	25	15	17	19	16	21	18	15	15	10	8	16	12	13	9	14	16	8	14	15	14
conveying machine	75	74	90	76	71	65	85	75	92	91	55	75	58	60	66	69	56	87	67	78	70	59
vehicle	9	5	8	7	12	12	9	4	11	3	9	10	11	12	8	2	4	4	9	3	14	8
pressure vessel	1	1	2	2	0	-	0	0	1	0	0	0	2	1	0	0	0	3	0	0	1	0
chemical facilities	0	1	0	2	0	1	2	3	2	0	0	0	0	0	0	0	0	0	1	1	1	1
welding equipment	5	0	1	-	0	1	1	0	0	0	0	2	0	0	0	0	0	2	1	2	0	2
kiln, caldron	3	2	1	3	1	-	3	2	0	1	5	0	1	1	1	4	2	1	0	1	2	1
electric equipment	4	3	1	4	5	1	1	1	1	1	3	2	1	3	0	1	0	1	2	2	2	5
human power machine, tools	71	49	73	65	53	66	56	61	67	66	46	60	67	54	57	58	56	61	71	59	66	58
tools	98	76	67	74	72	71	81	77	91	98	65	60	78	63	66	85	70	82	97	98	81	86
other equipments, facilities	22	24	28	21	21	23	25	25	29	26	17	23	23	26	21	32	24	22	16	27	12	26
temporary buildings, establishments	134	147	138	96	129	117	141	154	127	159	111	109	150	139	107	151	132	160	147	168	161	140

hazards, harmful substances	8	8	9	8	10	12	6	6	13	11	7	2	7	5	7	3	7	7	17	10	9	5
materials	71	87	71	62	68	70	50	56	67	56	53	51	50	44	55	41	52	38	57	34	41	45
load	70	77	95	61	65	48	47	61	64	56	52	63	66	69	54	52	67	52	55	67	51	54
natural environment	3	3	7	4	9	7	6	7	3	9	4	9	11	9	6	17	4	11	20	18	9	7
other causal agent	15	15	6	1	11	16	6	8	9	8	4	7	7	5	7	3	5	4	5	9	9	20
no causal agent	24	25	18	21	24	26	27	31	28	32	25	19	29	32	29	32	33	24	31	43	39	37
unclassifiable	0	1	1	2	3	3	1	2	7	3	1	0	1	1	1	1	0	0	2	1	0	0
total	1,205	1,165	1,197	988	1,074	1,025	1,039	1,023	1,080	1,069	828	839	940	888	830	867	853	892	908	972	884	861

Causal agents (small) of industrial accidents in plastics products 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	1	1	0	0	0	0	0	1	0	0	0	0	0	0
power transmission mechanism			5		12		17	8	8	9	8	7	11	7	4	13	8	5	8	6	6	7
circular sawing machine			14		17		21	18	13	7	7	9	19	11	12	8	18	12	12	13	9	9

band sawing machine			1		3		2	1	2	0	0	1	0	3	4	1	2	2	0	2	3	1
wood planer machine			3		3		3	1	4	2	2	0	3	3	3	1	0	1	0	0	2	0
hollow chisel mortiser, wood borer			0		0		0	1	0	0	1	0	1	0	1	0	0	0	0	0	0	1
chamfering machine, router, woodworking milling machine			0		1		0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0
chain saw			0		0		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
other woodworking machines			0		6		0	1	2	1	1	1	0	2	1	2	0	2	0	0	0	0
leveling, transporting or loading machine			1		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
excavating machine			0		1		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	1	0	0	0	0	0	0	0	0	0	0	1	0
other construction machines			0		0		0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
lathe			12		8		9	4	3	7	4	5	5	6	3	7	2	7	4	2	0	4
drill press, milling machine			13		10		5	5	4	9	6	4	6	8	7	6	8	6	2	9	7	9
grinding machine, buffing machine			4		3		7	9	6	3	2	2	3	3	3	5	3	3	5	4	4	5
power press			13		12		13	10	13	8	8	9	6	10	6	7	11	5	10	9	10	4
forging pressure hammer			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
shearing machine			2		4		4	4	4	2	2	0	1	4	3	2	0	3	0	2	2	2
other metal manufacturing machines			15		15		16	9	16	5	3	10	12	5	14	9	9	7	9	6	7	5
centrifugal machine			0		0		0	0	2	0	0	0	0	0	0	0	1	1	0	0	0	0
mixer, grinder			46		36		31	30	32	22	23	18	22	29	24	17	21	29	21	28	20	20

roll machine (except printingroll machine)			58		46		37	37	42	52	41	43	43	34	46	34	36	27	36	36	36	35
injection molding machine			111		111		96	84	84	57	65	63	46	56	48	42	46	42	35	43	35	39
food manufacturing machine			0		0		1	1	0	0	1	0	1	0	0	0	1	0	0	0	0	0
printing machine			8		10		11	6	8	7	9	5	7	12	6	5	5	6	7	8	3	4
industrial robot			1		1		1	1	3	3	5	2	3	2	1	2	3	4	0	3	4	1
other general power machines			259		202		197	202	205	238	172	159	173	155	146	144	153	154	153	166	152	147
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			12		14		18	15	12	13	8	4	13	9	8	7	13	12	7	10	10	11
mobile crane			0		0		0	0	0	0	1	0	1	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			2		5		2	2	3	1	1	2	0	3	3	2	1	2	1	1	5	2
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		1	1	0	1	0	2	2	0	2	0	0	2	0	3	0	1
truck			23		20		21	17	17	17	16	14	8	16	14	18	13	19	6	17	23	11
forklift			47		30		45	37	51	44	26	36	36	31	34	37	28	50	45	41	30	22
railway equipment			0		0		0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
conveyor			17		19		16	20	20	23	10	21	12	13	16	10	14	12	9	15	14	20
loader			0		0		0	0	1	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
rough terrain hauler			0		0		1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
other powered																						

conveying machines			3		2		2	1	3	6	3	4	2	0	2	3	1	5	7	5	3	6
cars, bus, motorcycle			6		9		9	3	10	2	8	10	10	12	6	2	3	3	9	3	13	8
railway vehicle			0		1		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
other vehicles			2		2		0	1	1	1	1	0	1	0	1	0	1	1	0	0	1	0
boiler			0		0		0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
pressure vessel			1		0		0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0
other pressure vessels			1		0		0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0
chemical facilities			0		0		2	3	2	0	0	0	0	0	0	0	0	0	1	1	1	1
gas welding equipment			1		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
arc welding equipment			0		0		1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0
other welding equipment			0		0		0	0	0	0	0	2	0	0	0	0	0	1	1	0	0	2
kiln, caldron			1		0		2	1	0	0	1	0	1	0	1	0	1	0	0	0	1	0
industrial dryer			0		1		1	1	0	1	3	0	0	1	0	3	1	0	0	1	1	1
other kiln, caldron			0		0		0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0

transmission			1		1		1	1	0	0	0	1	0	2	0	1	0	1	1	1	0	4
electric power facilities			0		3		0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0
other electrical equipment			0		1		0	0	1	1	2	1	1	0	0	0	0	0	1	1	1	1
human power cranes			1		2		0	1	2	1	2	1	1	0	1	1	1	2	1	0	6	1
human power hauling equipment			20		26		23	17	30	31	14	22	30	19	24	22	29	30	29	32	28	25
human power machine			5		1		3	0	2	1	2	4	1	0	2	1	1	1	2	1	1	0
hand tool			47		24		30	43	33	33	28	33	35	35	30	34	25	28	39	26	31	32
ladder			34		32		39	38	46	47	29	31	35	37	31	39	35	31	40	46	36	46
slinging tool			3		4		3	6	3	3	4	2	2	3	2	2	2	4	2	3	6	2
other tools			30		36		39	33	42	48	32	27	41	23	33	44	33	47	55	49	39	38
other equipment, facilities			28		21		25	25	29	26	17	23	23	26	21	32	24	22	16	27	12	26
scaffolding			1		1		0	3	0	2	0	1	4	2	3	0	2	2	2	1	2	1
timbering			0		0		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
stairs, landing stage			38		37		35	25	28	28	31	18	22	27	21	36	30	32	35	27	34	34

opening			0		0		3	2	4	5	1	4	2	1	1	3	1	5	1	1	4	3
roof, beam, haze, crossbeam, principal rafter			0		2		3	2	2	2	2	1	1	1	1	2	3	1	1	3	1	0
working platform, boot board			22		30		23	23	25	31	17	23	34	26	17	32	21	22	19	26	26	15
passage			44		42		52	68	47	60	37	39	51	59	46	51	48	65	55	84	65	64
building, establishment			19		13		7	17	9	20	14	16	18	16	10	10	15	22	16	13	13	14
other temporary buildings, establishments			14		4		18	14	12	11	9	7	17	7	8	17	12	11	18	13	16	9
explosive substance			1		0		0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
inflammable substance			1		6		1	0	5	3	1	0	0	1	0	0	2	1	3	0	3	3
inflammable gas			0		2		0	0	0	0	1	0	0	0	2	1	1	0	1	2	1	0
harmful substance			2		2		3	4	4	4	3	0	3	2	2	1	4	5	5	2	4	0
radiation			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances			5		0		2	2	3	4	2	2	4	2	2	1	0	1	8	6	1	2

metal material			32		36		26	27	30	16	26	21	20	19	26	18	23	15	23	15	20	22
lumber, bamboo			6		4		2	4	2	3	1	1	3	2	2	2	2	4	3	3	0	1
stone, sand, substance			2		0		0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0
other materials			31		28		22	25	35	37	26	29	27	23	26	20	27	19	31	15	20	22
load			79		58		40	53	59	52	46	58	61	60	47	46	64	47	53	64	48	53
machine/equipment as load			16		7		7	8	5	4	6	5	5	9	7	6	3	5	2	3	3	1
natural ground, rock			1		0		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
standing tree			0		0		0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1
water			0		0		0	0	1	0	0	0	0	0	0	2	1	0	0	0	0	0
abnormal environment			1		2		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
high/cold temperature environment			1		1		2	3	0	3	1	6	3	1	2	6	2	4	8	7	6	4
other environments			4		6		3	3	2	5	2	3	8	8	3	9	1	7	11	11	3	2
other causal agent			6		11		6	8	9	8	4	7	7	5	7	3	5	4	5	9	9	20
no causal agent			18		24		27	31	28	32	25	19	29	32	29	32	33	24	31	43	39	37

unclassifiable			1		3		1	2	7	3	1	0	1	1	1	1	0	0	2	1	0	0
total			1,197		1,074		1,039	1,023	1,080	1,069	828	839	940	888	830	867	853	892	908	972	884	861

Workers age of industrial accidents in plastics products 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	40	31	36	24	38	28	38	34	20	30	16	20	20	16	26	16	15	25	19	18	21	14
20-29	255	249	258	239	213	203	208	199	224	188	171	155	162	166	149	151	145	145	164	135	154	145
30-39	216	235	245	224	266	240	253	253	248	253	189	212	210	217	182	217	195	202	157	214	154	154
40-49	267	232	249	175	203	173	201	197	221	222	160	190	213	198	215	208	211	210	240	245	228	202
50-59	317	306	312	234	252	251	244	231	243	249	182	162	209	174	147	180	167	192	203	234	178	204
60 years old or more	110	112	97	92	102	130	95	109	124	127	110	100	126	117	111	95	120	118	125	126	149	142
total	1,205	1,165	1,197	988	1,074	1,025	1,039	1,023	1,080	1,069	828	839	940	888	830	867	853	892	908	972	884	861

Workers' number of workplace of industrial accidents in plastics products 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	246	247	252	208	229	212	201	194	173	137	138	120	121	107	102	111	104	107	91	90	75	77

10-29	365	360	350	286	325	278	327	317	304	290	218	211	249	250	247	258	246	216	255	239	217	218
30-49	200	191	200	175	172	193	175	168	182	210	137	130	152	166	139	137	167	161	159	196	157	145
50-99	194	179	198	159	178	173	168	171	197	185	146	150	213	170	153	160	130	157	181	194	194	164
100-299	170	152	158	128	139	128	139	129	181	185	150	177	161	148	150	158	172	200	174	195	206	196
300 workers or more	30	36	39	32	31	41	29	44	43	62	39	51	44	47	39	43	34	51	48	58	35	61
total	1,205	1,165	1,197	988	1,074	1,025	1,039	1,023	1,080	1,069	828	839	940	888	830	867	853	892	908	972	884	861

Month of industrial accidents in plastics products 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	97	102	89	75	85	88	94	92	87	109	76	77	82	70	72	78	59	75	83	105	64	72
February	109	112	115	87	86	81	74	98	96	104	71	68	76	75	63	84	64	87	78	77	87	81
March	102	107	102	83	72	93	104	82	97	93	67	73	83	74	57	78	82	69	80	86	73	65
April	100	83	119	93	96	93	85	79	88	95	59	66	73	85	85	82	67	69	61	88	73	66
May	92	87	98	86	95	73	78	102	106	89	61	61	71	75	69	64	61	73	67	73	64	61
June	112	99	112	79	82	105	102	88	88	94	69	86	84	79	66	77	98	75	65	79	75	62
July	108	101	110	73	104	101	104	95	93	110	85	71	93	74	83	59	86	69	92	94	84	63
August	115	83	87	76	89	75	87	72	88	87	65	77	68	76	71	68	77	79	87	67	73	78

September	101	134	81	90	94	85	82	73	82	78	61	73	76	73	72	70	59	75	73	81	91	79
October	92	96	114	84	97	83	72	75	91	81	75	72	90	69	62	73	79	82	88	76	58	90
November	94	94	90	92	97	83	81	86	91	72	71	62	66	79	64	72	66	73	66	81	72	73
December	83	67	80	70	77	65	76	81	73	57	68	53	78	59	66	62	55	66	68	65	70	71
total	1,205	1,165	1,197	988	1,074	1,025	1,039	1,023	1,080	1,069	828	839	940	888	830	867	853	892	908	972	884	861

Prefecture of industrial accidents in plastics products 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	20	9	20		12		9	5	16	14	6	12	9	12	14	17	10	16	14	7	8	9
Aomori	2	1	4		0		0	3	1	1	0	1	1	3	0	2	3	1	4	0	0	1
Iwate	7	13	7		9		7	10	13	4	6	3	15	9	6	5	8	13	6	9	5	11
Miyagi	14	11	6		18		18	14	8	14	12	9	8	11	9	7	8	12	11	8	7	14
Akita	5	2	4		5		1	3	5	3	4	3	1	3	0	4	3	0	1	6	7	6
Yamagata	5	13	10		10		10	9	9	7	8	5	15	7	9	3	8	4	16	10	6	5
Fukushima	14	9	11		13		17	15	10	18	13	11	10	9	10	16	7	10	15	13	14	11
Ibaraki	53	52	58		34		57	51	56	48	42	30	48	37	23	30	39	30	43	47	48	62
Tochigi	41	48	48		50		35	38	34	38	33	24	33	47	36	28	21	35	34	42	35	27
Gunma	37	29	42		53		38	35	48	42	31	39	37	40	40	37	37	50	23	38	32	39

Saitama	68	55	77		80		76	68	70	58	44	68	52	56	50	57	54	56	49	53	51	42
Chiba	39	38	34		18		35	41	39	44	47	41	24	41	33	36	28	30	30	40	41	35
Tokyo	46	32	46		31		21	25	25	25	19	21	19	14	13	13	8	18	12	13	16	17
Kanagawa	39	48	36		29		41	22	32	30	19	22	24	21	23	20	14	20	22	20	21	15
Niigata	22	18	20		21		24	19	21	14	14	11	13	10	13	21	11	9	13	16	16	14
Toyama	16	26	21		36		22	18	19	20	25	16	15	16	6	20	17	21	22	24	12	16
Ishikawa	3	3	7		11		1	5	4	7	6	6	6	5	5	6	5	7	8	6	7	7
Fukui	13	13	24		7		13	6	17	25	12	15	13	17	12	7	11	16	17	10	11	15
Yamanashi	9	10	8		12		12	14	14	10	18	5	8	7	4	10	8	6	7	9	9	6
Nagano	24	25	20		17		21	17	16	18	9	16	26	15	9	18	32	29	18	16	12	24
Gifu	40	64	56		30		48	44	47	35	23	38	36	24	34	26	29	41	28	36	36	44
Shizuoka	64	78	77		57		48	65	74	74	53	69	74	57	52	48	53	74	67	61	48	54
Aichi	139	117	100		99		86	97	72	92	65	83	82	75	69	82	91	66	81	89	80	91
Mie	32	23	39		25		18	36	34	24	20	21	24	22	31	33	27	20	22	32	23	24
Shiga	32	30	33		45		26	34	32	43	25	21	32	32	37	25	26	33	32	34	34	32
Kyoto	16	10	10		17		14	10	15	12	7	3	12	11	11	5	8	7	7	8	14	10
Osaka	124	116	115		105		96	117	93	90	78	52	82	76	72	77	77	72	85	89	79	57
Hyogo	63	68	43		43		44	29	34	47	21	23	33	34	32	33	29	25	23	31	28	25
Nara	40	44	58		40		51	47	51	42	45	41	43	49	46	41	33	33	54	36	32	29

Wakayama	14	11	7		11		11	10	9	7	3	7	10	4	4	5	8	4	9	8	7	7
Tottori	2	2	7		3		6	4	7	5	5	3	5	0	1	1	4	2	1	4	3	2
Shimane	4	5	3		5		6	1	7	2	3	1	7	4	2	4	4	7	9	8	4	8
Okayama	16	16	8		18		18	13	20	22	14	28	17	20	18	25	21	18	14	21	23	18
Hiroshima	18	23	20		28		18	15	22	23	18	24	22	26	21	21	12	20	18	16	28	9
Yamaguchi	13	10	15		13		12	5	12	17	9	4	14	8	5	9	12	8	9	14	13	9
Tokushima	5	2	4		1		13	4	3	7	10	4	8	7	1	0	5	4	7	1	6	1
Kagawa	24	14	19		8		6	5	9	8	4	8	11	13	10	9	13	11	8	22	10	9
Ehime	5	5	13		0		2	7	6	6	4	2	4	8	9	5	2	10	5	5	2	4
Kochi	1	2	3		0		0	0	5	1	4	1	1	1	3	2	1	3	1	0	1	2
Fukuoka	42	38	31		35		30	30	28	29	25	24	20	17	23	26	32	25	28	28	20	20
Saga	7	6	6		7		9	5	8	13	5	9	5	4	8	7	8	3	9	11	11	12
Nagasaki	5	1	2		2		0	3	0	3	1	2	2	1	1	2	2	1	2	1	2	1
Kumamoto	9	8	6		6		11	8	23	8	10	6	8	6	12	12	9	11	8	9	8	5
Oita	5	6	7		6		2	6	4	8	2	4	4	5	3	7	7	6	11	10	3	1
Miyazaki	3	4	8		1		3	3	5	6	4	1	3	1	5	3	6	3	2	4	6	4
Kagoshima	4	5	4		2		3	4	1	2	0	1	3	1	1	2	1	1	0	5	3	7
Okinawa	1	2	0		1		0	3	2	3	2	1	1	2	4	0	1	1	3	2	2	0
total	1,205	1,165	1,197		1,074		1,039	1,023	1,080	1,069	828	839	940	888	830	867	853	892	908	972	884	861

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 plastics products in Japan in 1999-2020

plastics products industry Code No.010805

Type of fatal accidents in plastics products 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	2	0	0	0	0	1	2	1	1	3	0	0	1	1	1	0	0	0	0	0	1	1
falling to same level	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0	0	1	0	0	1	0	0
crash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
struck by flying or falling object	1	1	1	1	0	2	2	0	1	0	1	0	0	1	2	0	0	1	0	0	1	0
collapse	1	0	0	0	0	0	1	0	1	1	0	1	0	1	2	0	0	0	0	1	0	0

crashed by	0	0	0	0	0	2	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
caught in/between	5	3	2	5	3	2	3	5	3	2	4	1	4	2	2	1	4	2	0	3	0	3
cut	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
drown	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	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
contact to harmful substance	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0
explosion	0	0	0	1	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
fire	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
traffic accident (public road)	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2	0	1	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
reaction to motion/improper	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

motion																						
others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
total	10	5	4	7	4	8	8	8	9	8	6	2	5	7	8	1	8	3	4	8	3	6

Causal agents (middle) of fatal accidents in plastics products 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	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0
metal manufacturing machine	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
general machine	5	2	1	5	2	3	3	3	2	4	4	1	3	2	3	1	4	2	0	2	0	5
mobile silviculture machine																	0	0	0	0	0	0
crane	1	1	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0

conveying machine	1	2	1	0	1	2	0	2	4	0	1	0	0	0	0	0	2	1	2	2	0	1
vehicle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
other equipments, facilities	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
temporary buildings, establishments	1	0	0	0	0	0	1	2	0	0	0	0	1	1	1	0	0	0	0	0	0	0
hazards, harmful substances	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
materials	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0
load	1	0	0	1	0	1	1	0	1	0	0	1	0	2	0	0	0	0	0	1	1	0
natural environment	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
other causal agent	1	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	1	0	0	1	0	1	2	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
total	10	5	4	7	4	8	8	8	9	8	6	2	5	7	8	1	8	3	4	8	3	6

Causal agents (small) of fatal accidents in plastics products 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	0	0	0	0	0	0	0	0	1	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	1	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	1	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	1	1	0	0	0	1	2	0	0	2	0	0	0	1
roll machine (except printingroll machine)	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0
injection molding machine	2	1	0	2	0	0	0	1	0	1	2	0	1	1	1	0	1	0	0	1	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	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
other general power machines	2	0	0	3	1	3	2	1	1	1	1	1	2	0	0	0	2	0	0	1	0	4
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	0	0	0	0	1	0	0	0	0	0	1	0	1	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	1	0	0	0	0	0	0	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 cableway	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
truck	0	1	1	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0	2	0	0	1
forklift	1	1	0	0	0	2	0	1	1	0	1	0	0	0	0	0	1	1	0	1	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	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cars, bus, motorcycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	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
human power hauling equipment	0	0	1	0	0	0	1	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
hand tool	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	1	0	0	0	1	0	0	0	0	0	0	0	0	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
other tools	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	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
scaffolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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
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
opening	0	0	0	0	0	0	1	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
working platform, boot board	1	0	0	0	0	0	0	1	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	0	0	0	0
building, establishment	0	0	0	0	0	0	0	1	0	0	0	0	1	1	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
explosive substance	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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
inflammable gas	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
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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal material	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	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	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	1	0	0	1	0	1	1	0	1	0	0	1	0	2	0	0	0	0	0	1	1	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	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
high/cold temperature environment	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	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	1	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	1	0	0	1	0	1	2	0	0

unclassifiable	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
total	10	5	4	7	4	8	8	8	9	8	6	2	5	7	8	1	8	3	4	8	3	6

Workers age of fatal accidents in plastics products 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	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
20-29	1	1	3	0	1	2	1	2	3	2	3	0	0	0	2	0	1	1	0	1	1	2
30-39	4	3	1	3	0	0	0	3	1	1	1	1	2	1	2	1	0	0	1	2	0	1
40-49	2	0	0	2	0	1	1	1	1	2	1	0	3	1	2	0	2	2	1	3	0	0
50-59	2	1	0	2	3	3	3	1	1	2	0	0	0	3	1	0	3	0	0	1	1	2
60 years old or more	1	0	0	0	0	2	2	1	3	1	0	1	0	2	1	0	2	0	2	1	1	1
total	10	5	4	7	4	8	8	8	9	8	6	2	5	7	8	1	8	3	4	8	3	6

Workers' number of workplace of fatal accidents in plastics products 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	2	0	0	0	0	1	2	1	1	1	0	0	0	0	2	0	1	2	1	2	0	3
10-29	3	3	2	2	1	1	3	1	3	0	1	1	1	3	1	0	4	1	0	2	0	0

30-49	2	0	1	1	1	1	0	1	0	3	0	1	2	0	1	0	1	0	0	2	0	0
50-99	2	1	0	2	1	1	1	4	2	2	3	0	0	3	2	0	0	0	2	0	2	0
100-299	1	0	1	0	1	4	1	1	2	2	2	0	1	0	2	1	2	0	1	1	1	0
300 workers or more	0	1	0	2	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	1	0	3
total	10	5	4	7	4	8	8	8	9	8	6	2	5	7	8	1	8	3	4	8	3	6

Month of fatal accidents in plastics products 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	1	1	0	1	0	2	2	1	1	0	0	1	1	1	0	1	0	0	1	1	1
February	1	1	0	0	0	0	0	1	1	2	0	0	1	1	2	0	1	0	1	0	0	0
March	2	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0
April	0	0	1	1	0	2	1	0	0	1	2	0	1	0	0	0	0	0	0	3	0	1
May	1	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	1	0	1	0	0	0
June	0	0	0	2	1	1	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0
July	1	0	0	0	0	1	0	2	0	0	3	0	0	0	0	0	0	0	0	2	1	0
August	2	0	1	0	0	1	3	1	1	1	0	0	0	1	0	1	1	1	1	0	0	0
September	0	1	1	0	1	0	0	0	5	0	0	0	1	0	2	0	1	1	0	0	1	2
October	1	0	0	1	0	1	0	2	0	1	0	0	1	0	0	0	2	0	0	1	0	0

November	1	1	0	1	1	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0
December	1	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	2
total	10	5	4	7	4	8	8	8	9	8	6	2	5	7	8	1	8	3	4	8	3	6

Prefecture of fatal accidents in plastics products 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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	1	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	1	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	1	0	0	1	1	0	1	1	1	1	0	0	2	0	0	0	0	0	0	0
Tochigi	1	0	0	0	0	1	0	1	0	0	2	0	0	1	0	0	1	0	0	0	0	1
Gunma	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	0	1
Saitama	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Chiba	0	0	0	1	0	0	0	1	1	0	0	0	0	0	3	0	0	0	0	0	0	1

Tokyo	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kanagawa	0	0	1	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1	1	0	0
Niigata	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Toyama	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Ishikawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukui	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Yamanashi	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Nagano	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Gifu	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Shizuoka	0	1	0	0	0	1	0	1	1	1	0	0	2	0	0	0	0	0	0	0	0	0
Aichi	0	1	1	0	1	0	1	1	1	0	0	0	0	2	0	0	0	0	1	1	0	2
Mie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Shiga	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0
Kyoto	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Osaka	2	0	0	1	1	2	0	1	1	0	1	0	2	1	1	0	1	0	0	0	2	1
Hyogo	0	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
Nara	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0
Wakayama	0	0	0	0	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	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yamaguchi	0	0	0	1	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	1	0	0	0	1	0	0	0	0
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	1	0	0	0	0	0	0	0	0
Fukuoka	0	0	0	1	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	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	1	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	10	5	4	7	4	8	8	8	9	8	6	2	5	7	8	1	8	3	4	8	3	6

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