

Industrial accidents in machine products in Japan in 1999-2020

machine products industry Code No.011301

Type of accidents in machine 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	266	252	244	232	208	242	205	215	233	222	163	172	162	183	168	168	136	168	153	162	150	169
falling to same level	216	208	191	156	214	194	205	227	205	222	147	171	163	181	162	180	160	153	163	220	166	200
crash	118	122	101	91	95	109	98	88	107	77	59	55	77	60	72	68	57	51	57	68	66	67
struck by flying or falling object	392	356	396	314	295	333	360	344	294	290	204	207	230	240	216	248	187	191	180	188	166	157
collapse	100	82	87	67	70	71	85	90	85	71	47	49	44	61	58	52	57	45	49	48	52	37
crashed by	142	99	144	128	104	121	127	130	121	127	80	73	74	75	72	68	86	74	70	70	86	64
caught in/between	938	854	804	741	763	755	693	751	638	621	442	511	545	444	431	435	445	415	438	406	406	297
cut	248	256	241	218	200	185	185	189	201	189	114	123	145	137	138	144	114	107	96	123	128	106
injury to the sole of the foot	3	2	3	2	1	4	1	3	3	0	2	1	4	3	1	2	6	3	2	6	0	0
drown	0	0	0	-	0	-	0	0	0	0	0	0	5	0	0	0	0	1	0	0	0	1

contact to high/low-temperature	40	37	28	29	25	34	28	31	30	45	15	31	29	24	23	22	27	23	25	44	31	22
contact to harmful substance	9	14	10	10	12	13	13	17	12	8	12	14	6	5	4	12	6	10	5	9	5	7
electric shock	2	3	6	6	6	5	3	0	3	5	2	6	2	2	2	2	4	0	1	4	3	2
explosion	2	5	1	1	8	-	8	0	5	2	1	2	0	0	0	5	3	2	7	1	1	2
burst	4	2	3	2	3	1	4	5	2	2	2	1	2	4	2	2	2	2	3	0	1	2
fire	1	3	3	7	1	2	2	0	1	0	3	5	6	1	2	2	1	2	1	1	2	1
traffic accident (public road)	30	39	39	28	25	44	25	32	21	25	21	29	39	21	24	17	26	26	17	22	18	8
traffic accident (others)	0	2	1	-	0	-	0	0	3	0	0	1	0	0	1	0	0	1	1	0	0	0
reaction to motion/improper motion	173	141	173	139	148	162	155	192	219	188	118	143	161	130	121	148	143	121	147	138	141	126
others	8	6	7	9	9	10	10	4	11	8	5	6	7	11	6	9	6	7	7	8	13	22
unclassifiable	3	3	3	-	6	2	4	2	1	0	1	2	0	3	5	3	7	3	5	2	2	0
total	2,695	2,486	2,485	2,180	2,193	2,287	2,211	2,320	2,195	2,102	1,438	1,602	1,701	1,585	1,508	1,587	1,473	1,405	1,427	1,520	1,437	1,290

Causal agents (middle) of industrial accidents in machine 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	1	3	3	3	5	1	2	3	0	3	1	1	3	3	2	0	3	2	1	2	2	1
power transmission mechanism	22	22	20	15	20	21	18	19	15	18	12	6	13	11	13	8	10	11	18	13	10	7
woodworking machine	28	14	16	17	15	13	18	13	17	12	7	15	11	5	7	13	9	8	8	12	6	8
construction machine	12	9	12	5	13	9	10	12	8	9	3	9	6	10	11	8	7	10	6	8	6	4
metal manufacturing machine	752	684	624	585	532	564	518	555	460	504	323	374	420	354	336	335	334	310	295	310	300	249
general machine	197	161	169	133	150	150	143	161	155	114	80	97	108	97	94	91	90	85	92	96	86	73
mobile silviculture machine																	0	0	0	0	0	0
crane	128	116	130	132	118	134	127	137	125	116	75	101	75	90	82	101	78	88	74	93	97	67
conveying	98	124	104	114	104	116	116	114	116	109	74	88	86	82	76	67	72	64	61	79	68	52

machine			0	0		3	2	1	2	0	2	0	1	0	0	0	0	0	0	1	0
hollow chisel mortiser, wood borer			0	3		0	4	1	0	0	1	1	0	0	2	0	1	0	2	0	2
chamfering machine, router, woodworking milling machine			0	0		1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
chain saw			0	0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
other woodworking machines			4	3		4	0	7	3	1	1	3	1	3	4	3	2	2	3	1	1
leveling, transporting or loading machine			2	3		1	1	0	0	0	1	2	2	3	1	0	0	2	1	3	0
excavating machine			4	2		4	6	4	2	3	5	3	3	4	3	2	3	4	3	2	2
foundation work machine			1	0		0	0	0	1	0	1	0	2	2	0	0	1	0	0	0	0
hardening machine			0	1		0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1
demolition machine			2	0		0	1	1	0	0	0	0	0	0	0	0	2	0	0	0	0
vehicle for high lift work			1	3		2	1	2	1	0	1	1	2	2	1	1	0	0	0	1	0

other construction machines			2	4		3	3	1	4	0	0	0	1	0	3	4	4	0	4	0	1
lathe			176	133		142	133	106	133	96	116	122	110	83	75	95	78	75	86	76	50
drill press, milling machine			143	130		127	122	113	117	74	77	79	60	66	70	71	67	48	49	60	40
grinding machine, buffing machine			95	78		79	87	83	83	57	62	72	56	64	62	47	58	46	73	57	57
power press			75	63		52	74	50	47	29	31	42	47	40	45	40	41	49	33	38	34
forging pressure hammer			0	0		0	0	0	0	0	2	0	1	0	0	1	0	0	0	1	0
shearing machine			16	17		10	5	9	16	7	13	11	7	5	8	8	8	8	6	2	5
other metal manufacturing machines			119	111		108	134	99	108	60	73	94	73	78	75	72	58	69	63	66	63
centrifugal machine			2	0		2	1	1	2	0	1	0	0	2	0	1	0	3	0	1	0
mixer, grinder			5	4		1	1	3	4	4	4	3	2	6	5	1	2	1	1	3	6
roll machine (except printingroll machine)			11	13		10	12	9	5	4	5	7	13	5	6	9	7	6	9	4	6
injection molding machine			1	4		4	3	2	4	2	1	1	0	3	2	1	1	2	5	2	3

hauling equipment			31		34		40	35	36	35	18	26	36	27	24	43	34	31	25	32	29	26
human power machine			1		5		4	5	1	3	2	3	1	2	3	5	4	2	3	7	5	2
hand tool			80		45		52	57	61	57	37	37	45	46	33	41	30	28	44	46	45	28
ladder			87		94		91	76	85	75	75	67	63	71	59	71	47	60	59	56	53	72
slinging tool			65		60		59	67	48	51	33	42	42	39	53	39	37	40	40	28	36	30
other tools			53		43		62	59	58	64	41	45	55	43	46	53	42	31	38	49	47	51
other equipment, facilities			59		48		74	58	63	55	29	36	44	33	37	48	41	37	49	25	30	29
scaffolding			13		6		11	6	9	14	10	5	4	5	3	6	6	9	9	3	2	8
timbering			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage			42		45		33	52	30	51	25	39	35	38	38	34	41	38	35	40	32	46
opening			9		2		6	4	8	1	7	0	5	5	6	5	5	3	4	7	4	2
roof, beam, haze, crossbeam, principal rafter			5		3		5	4	3	5	1	2	5	5	1	3	1	5	1	7	4	2
working platform, boot board			44		46		37	51	45	47	28	34	25	40	34	29	32	30	29	35	26	24
passage			82		84		71	86	81	76	59	69	67	65	66	77	67	70	75	87	73	103
building,			30		35		26	29	42	39	18	26	29	31	25	26	21	21	20	29	30	20

30-39	401	383	443	394	434	446	458	497	502	422	337	337	359	348	318	314	301	278	291	325	270	213
40-49	520	463	433	376	376	385	355	389	378	359	264	290	373	335	328	331	345	310	320	335	312	287
50-59	860	778	763	672	595	621	583	555	504	482	286	330	315	296	263	325	266	264	251	281	315	310
60 years old or more	304	294	289	290	292	327	349	352	333	385	257	312	301	296	282	268	267	265	265	295	269	246
total	2,695	2,486	2,485	2,180	2,193	2,287	2,211	2,320	2,195	2,102	1,438	1,602	1,701	1,585	1,508	1,587	1,473	1,405	1,427	1,520	1,437	1,290

Workers' number of workplace of industrial accidents in machine 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	772	730	787	694	681	697	594	616	502	466	378	372	382	399	324	364	294	315	249	276	253	212
10-29	824	769	729	657	651	658	661	677	578	592	391	432	446	420	428	408	423	377	374	371	371	339
30-49	334	283	303	269	291	303	304	313	315	280	178	213	235	196	230	209	205	190	238	241	220	188
50-99	296	293	263	204	234	249	246	253	250	232	174	208	212	188	182	208	200	194	207	210	197	190
100-299	304	252	263	220	212	232	250	283	299	293	186	223	233	223	188	221	206	189	194	229	220	202
300 workers or more	165	159	140	136	124	148	156	178	251	239	131	154	193	159	156	177	145	140	165	193	176	159
total	2,695	2,486	2,485	2,180	2,193	2,287	2,211	2,320	2,195	2,102	1,438	1,602	1,701	1,585	1,508	1,587	1,473	1,405	1,427	1,520	1,437	1,290

Month of industrial accidents in machine 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	196	166	202	178	172	167	170	202	176	169	123	126	139	149	116	111	127	108	107	139	109	113
February	258	206	206	182	174	186	170	198	178	211	121	135	128	157	138	152	118	128	107	115	133	111
March	237	258	227	189	197	212	198	215	223	164	128	146	151	164	121	125	149	125	131	116	120	105
April	202	186	218	199	169	188	188	181	179	189	123	136	134	110	115	119	124	123	120	105	110	120
May	225	205	228	207	172	186	176	193	174	167	110	130	137	113	115	154	100	107	102	136	124	89
June	211	215	219	178	219	222	173	195	186	179	137	154	166	125	139	129	128	135	144	144	140	132
July	217	207	249	204	204	224	210	202	214	194	137	151	156	140	142	173	139	122	126	146	137	119
August	226	208	191	166	180	183	191	192	195	154	105	109	143	141	122	130	107	119	123	138	96	109
September	248	221	192	184	188	201	204	179	180	199	103	135	146	136	138	142	142	106	138	130	122	107
October	233	228	220	180	168	173	191	208	159	186	127	134	152	130	147	131	122	107	127	134	109	107
November	249	186	170	151	167	166	170	175	147	160	98	115	133	110	113	125	112	121	105	136	117	86
December	193	200	163	162	183	179	170	180	184	130	126	131	116	110	102	96	105	104	97	81	120	92
total	2,695	2,486	2,485	2,180	2,193	2,287	2,211	2,320	2,195	2,102	1,438	1,602	1,701	1,585	1,508	1,587	1,473	1,405	1,427	1,520	1,437	1,290

Prefecture of industrial accidents in machine 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	53	58	49		50		45	35	40	34	31	40	24	36	35	26	23	35	26	23	29	29
Aomori	7	4	10		10		5	12	8	7	6	9	5	5	3	8	5	6	2	2	6	7

Iwate	27	8	16		9		17	7	9	7	11	11	11	14	8	10	8	4	6	6	6	9
Miyagi	35	33	14		20		19	17	15	14	12	10	20	11	10	6	13	17	15	14	13	14
Akita	18	16	15		19		13	10	9	12	7	16	5	10	7	7	11	9	10	13	10	6
Yamagata	23	36	21		23		28	28	25	33	18	12	15	21	20	25	17	24	23	25	16	20
Fukushima	34	20	28		14		28	22	31	34	22	11	31	17	22	21	10	21	11	20	13	16
Ibaraki	32	51	48		51		40	49	57	49	29	52	47	46	28	46	43	41	43	44	55	46
Tochigi	41	47	26		27		33	37	41	36	21	20	27	26	19	19	18	14	29	27	28	22
Gunma	68	66	70		45		44	66	73	49	34	38	28	37	28	43	47	29	47	45	42	36
Saitama	118	119	124		110		100	101	91	83	77	70	67	63	51	50	54	61	60	57	68	51
Chiba	92	72	59		64		43	57	40	47	43	54	38	49	35	39	31	34	32	33	39	43
Tokyo	113	94	111		71		84	77	66	60	50	35	40	38	37	31	38	25	28	28	28	24
Kanagawa	150	130	115		87		86	100	105	96	71	73	78	89	81	63	59	61	47	59	57	38
Niigata	70	70	95		74		80	71	65	60	23	39	61	38	44	49	49	50	58	36	49	43
Toyama	36	32	39		31		42	34	43	40	33	32	29	20	19	21	21	29	26	26	24	23
Ishikawa	55	43	49		50		66	69	62	73	32	46	50	47	42	44	43	35	41	47	28	28
Fukui	18	15	15		9		11	19	19	12	8	5	10	20	7	16	14	5	7	9	7	9
Yamanashi	12	6	11		6		18	17	18	17	10	13	13	10	10	13	3	9	10	12	12	10
Nagano	39	36	47		34		37	50	35	45	23	27	34	34	42	42	44	33	27	36	32	23
Gifu	87	78	70		64		60	72	61	60	34	40	51	50	55	47	58	46	48	42	41	35
Shizuoka	135	127	142		125		103	136	118	126	91	78	69	82	65	73	80	70	72	93	70	74

Aichi	251	247	237		221		227	205	190	156	104	150	160	127	133	139	118	119	110	110	102	124
Mie	73	56	53		45		51	60	62	50	32	41	58	37	28	43	41	42	38	54	46	25
Shiga	42	47	32		33		53	50	47	39	24	26	43	23	34	27	34	28	27	35	23	30
Kyoto	43	38	31		25		31	32	37	31	20	26	35	26	22	27	30	17	23	24	29	24
Osaka	286	247	241		256		225	249	206	209	139	179	173	170	169	181	143	141	135	144	132	100
Hyogo	173	140	152		138		125	136	131	126	86	95	102	90	87	85	61	76	79	77	85	82
Nara	17	13	18		14		18	19	18	20	10	12	18	11	7	11	16	15	5	10	15	12
Wakayama	19	29	22		21		20	20	24	22	14	13	21	14	22	16	14	15	13	5	20	9
Tottori	10	12	4		5		5	7	5	2	3	0	3	3	5	5	1	1	2	2	8	5
Shimane	13	13	5		15		13	10	10	13	4	12	3	8	11	7	8	10	8	11	6	5
Okayama	37	48	57		35		36	51	46	43	22	25	38	36	35	40	25	29	35	43	26	35
Hiroshima	92	104	100		91		94	82	97	95	61	62	58	66	59	69	66	56	74	69	62	41
Yamaguchi	57	34	37		33		25	32	41	34	26	21	22	9	16	18	20	17	18	25	18	23
Tokushima	18	13	18		20		16	23	12	11	8	16	15	11	11	12	13	4	9	9	9	7
Kagawa	22	28	24		18		39	30	25	29	17	16	23	23	23	24	12	17	20	31	25	17
Ehime	67	57	66		57		50	53	41	47	44	40	46	40	32	35	28	42	43	33	32	28
Kochi	27	18	32		18		15	22	19	16	21	18	14	22	18	12	24	16	15	15	13	21
Fukuoka	87	80	75		73		71	57	61	62	44	55	59	48	63	48	55	45	48	57	52	49
Saga	11	23	21		15		21	28	29	20	15	14	12	14	15	18	15	11	14	13	15	12
Nagasaki	25	34	36		22		28	30	20	31	21	22	22	27	20	37	30	18	17	25	20	13

traffic accident (others)	0	0	0	0	0	0	0	0	1	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
others	0	0	0	2	0	1	0	0	1	1	0	1	4	1	1	0	2	3	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	21	20	18	15	16	18	16	19	21	8	10	15	18	12	20	12	7	14	12	11	6	12

Causal agents (middle) of fatal accidents in machine 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	0	0	0	0	0	0	0	0	0
woodworking machine	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
construction machine	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
metal manufacturing machine	2	3	2	2	3	3	3	4	2	1	2	2	2	0	7	4	0	4	1	0	3	3
general machine	2	1	0	1	1	0	1	1	2	1	0	0	0	2	1	0	0	2	3	1	2	1
mobile silviculture machine																	0	0	0	0	0	0
crane	1	1	2	1	1	3	1	1	7	1	0	4	0	1	0	0	1	1	1	1	1	0
conveying machine	4	5	2	2	3	2	3	2	2	0	2	0	1	2	0	0	0	3	0	1	0	2

vehicle	6	2	1	1	3	3	1	0	0	0	2	0	1	0	0	0	0	0	1	1	0	0
pressure vessel	0	0	1	0	0	0	0	0	1	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	1	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0
kiln, caldron	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
electric equipment	0	0	0	1	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0
human power machine, tools	1	0	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0
tools	0	2	2	1	0	0	0	2	1	1	0	1	2	1	2	2	0	0	1	2	0	5
other equipments, facilities	0	2	2	2	2	0	0	1	0	0	1	0	0	1	3	2	1	0	2	1	0	0
temporary buildings, establishments	4	1	1	0	1	2	1	2	2	0	0	2	2	3	1	1	1	0	1	0	0	0
hazards, harmful substances	1	0	0	0	0	1	2	0	0	0	1	2	1	0	1	0	0	0	0	0	0	0
materials	0	2	1	0	1	1	2	2	1	1	1	1	0	0	1	0	1	1	2	2	0	0
load	0	0	1	0	1	1	1	2	0	0	0	0	0	0	1	0	0	0	0	1	0	0
natural environment	0	0	1	0	0	0	0	1	0	0	0	1	6	0	1	0	0	0	0	0	0	1
other causal agent	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	2	0	0	0	0	1	0	0	1	3	1	1	0	2	3	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	21	20	18	15	16	18	16	19	21	8	10	15	18	12	20	12	7	14	12	11	6	12

other kiln, caldron	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0
electric power facilities	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
other electrical equipment	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power cranes	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
human power hauling equipment	0	0	0	1	0	0	0	1	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	1	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	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1
slinging tool	0	1	1	0	0	0	0	1	0	0	0	1	2	0	2	2	0	0	0	2	0	4
other tools	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
other equipment, facilities	0	2	2	2	2	0	0	1	0	0	1	0	0	1	3	2	1	0	2	1	0	0
scaffolding	0	0	0	0	0	0	0	0	0	0	0	1	1	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
stairs, landing stage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
opening	0	0	1	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	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
working platform, boot	0	1	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0

water	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	1
abnormal environment	0	0	1	0	0	0	0	1	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	1	0	0	1	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	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	2	0	0	0	0	1	0	0	1	3	1	1	0	2	3	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	21	20	18	15	16	18	16	19	21	8	10	15	18	12	20	12	7	14	12	11	6	12	

Workers age of fatal accidents in machine 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	1	2	0	0	1	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0
20-29	4	1	2	1	4	2	1	3	1	0	1	1	3	1	4	2	1	2	1	1	1	2
30-39	4	6	3	2	1	3	5	3	6	1	0	4	3	4	7	2	1	3	2	4	2	1
40-49	4	1	5	4	1	6	4	3	4	0	2	3	1	1	3	3	1	5	4	0	0	3
50-59	4	5	4	4	7	5	1	3	6	6	2	1	5	5	3	3	1	0	1	4	1	2
60 years old or more	5	7	3	2	3	2	4	7	4	1	5	5	6	0	2	2	3	4	4	2	2	4
total	21	20	18	15	16	18	16	19	21	8	10	15	18	12	20	12	7	14	12	11	6	12

Workers' number of workplace of fatal accidents in machine 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	5	7	5	6	2	4	4	5	1	5	3	7	6	4	2	2	4	1	2	1	7
10-29	5	5	3	1	2	7	5	3	0	1	2	4	1	2	6	4	2	3	1	4	2	3
30-49	2	2	2	3	1	4	4	2	4	1	1	2	3	1	3	2	2	1	5	2	1	1
50-99	1	4	3	1	2	0	1	5	4	2	1	5	5	0	2	1	1	5	3	2	1	0
100-299	3	1	2	0	2	4	0	3	4	2	1	0	2	1	1	2	0	0	0	0	1	1
300 workers or more	8	3	1	5	3	1	2	2	4	1	0	1	0	2	4	1	0	1	2	1	0	0
total	21	20	18	15	16	18	16	19	21	8	10	15	18	12	20	12	7	14	12	11	6	12

Month of fatal accidents in machine 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	1	0	3	3	2	2	1	2	4	1	1	0	0	2	1	0	0	1	1	0	1	1
February	2	2	1	1	2	2	2	3	3	0	1	0	2	0	3	1	0	0	3	1	0	0
March	1	3	2	1	0	2	3	0	4	0	1	1	9	2	0	1	0	4	2	2	1	0
April	1	0	2	2	1	1	1	0	1	0	2	2	0	0	1	1	1	1	0	0	1	3
May	0	2	1	3	0	0	1	3	0	1	2	1	3	1	1	1	0	1	0	1	0	1
June	0	2	0	1	3	3	1	1	0	2	0	0	1	1	0	0	1	2	2	1	1	2

July	2	2	1	1	3	1	1	4	1	0	1	1	1	1	2	1	1	0	0	1	0	2
August	1	4	4	0	1	2	3	1	1	1	0	2	0	1	2	3	0	0	1	0	0	1
September	7	2	1	1	1	1	2	0	2	1	0	0	0	0	1	3	2	2	1	1	0	0
October	1	0	0	1	1	0	0	0	1	1	1	2	0	1	4	0	2	1	0	2	0	1
November	1	1	2	0	1	0	1	3	2	1	1	3	2	2	2	1	0	1	0	1	0	0
December	4	2	1	1	1	4	0	2	2	0	0	3	0	1	3	0	0	1	2	1	2	1
total	21	20	18	15	16	18	16	19	21	8	10	15	18	12	20	12	7	14	12	11	6	12

Prefecture of fatal accidents in machine 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	1	2	0	1	0	0	0	1	0	0	1	0	1	0	0	0	1	1	0	0	0
Aomori	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Iwate	1	0	0	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
Miyagi	0	1	1	0	0	0	0	1	0	0	0	0	5	0	0	0	0	0	0	0	0	0
Akita	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yamagata	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0
Fukushima	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	0
Ibaraki	1	0	1	1	1	1	0	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0
Tochigi	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0

Wakayama	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Tottori	0	0	0	0	0	0	1	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	2	0	0	0	0	0	0	0
Okayama	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0
Hiroshima	3	1	2	0	1	2	0	0	1	1	0	1	0	0	1	0	0	0	1	4	0	1
Yamaguchi	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0
Tokushima	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Kagawa	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehime	0	1	0	1	0	0	3	0	1	0	1	0	1	0	0	0	1	0	2	0	0	0
Kochi	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukuoka	1	0	0	0	0	1	1	0	0	0	2	1	0	0	0	1	0	0	0	0	0	3
Saga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Nagasaki	1	1	0	0	0	1	0	2	0	0	0	1	0	0	1	2	1	0	0	0	0	0
Kumamoto	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0
Oita	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Miyazaki	0	0	0	0	0	0	1	0	1	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	1	0	0	0	0	0	0	0	0	0
Okinawa	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	21	20	18	15	16	18	16	19	21	8	10	15	18	12	20	12	7	14	12	11	6	12

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