

## Industrial accidents in transport equipment products in Japan in 1999-2020

transport equipment products industry Code No.0115

### Type of accidents in transport equipment 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	339	317	332	340	345	356	334	352	351	335	282	257	207	236	202	216	265	253	238	258	236	224
falling to same level	232	231	247	252	264	264	332	295	293	285	214	224	225	243	223	249	251	251	269	327	283	236
crash	114	147	121	96	147	129	118	143	157	136	103	87	105	79	90	87	102	93	96	119	116	96
struck by flying or falling object	291	310	305	284	303	304	292	295	300	299	186	215	194	187	166	178	151	171	169	169	170	156
collapse	57	75	73	75	86	70	79	84	89	80	57	54	54	63	46	55	57	51	50	55	43	38
crashed by	165	147	176	139	133	159	150	173	185	189	111	124	113	97	90	146	109	109	88	125	106	81
caught in/between	918	929	898	851	891	951	914	900	897	741	507	526	546	547	533	462	475	437	517	484	450	400
cut	191	211	197	158	182	178	184	166	190	158	91	102	111	122	92	105	87	110	111	104	121	90
injury to the sole of the foot	5	5	3	7	1	1	4	5	4	5	3	2	1	0	1	3	5	7	2	4	5	2
drown	0	1	0	-	2	1	2	0	2	0	0	0	19	1	1	1	0	0	0	0	0	0

contact to high/low-temperature	58	66	62	64	76	64	66	65	61	68	48	63	56	54	62	52	47	53	62	76	54	62
contact to harmful substance	15	11	11	24	13	23	26	30	20	14	8	9	11	8	10	13	20	9	20	9	9	17
electric shock	8	9	10	4	1	5	4	8	9	9	2	3	4	3	2	2	7	2	2	3	3	7
explosion	13	7	5	6	8	11	9	2	11	11	2	1	4	8	2	10	2	5	4	1	5	1
burst	3	2	2	6	3	4	4	2	3	3	2	0	3	0	1	3	2	1	2	1	5	1
fire	10	7	3	6	3	4	10	12	4	9	13	2	8	7	6	6	5	4	2	5	5	7
traffic accident (public road)	37	34	27	19	31	37	20	34	38	25	24	31	12	18	20	9	19	23	14	30	17	23
traffic accident (others)	1	8	2	2	2	1	1	3	1	2	0	0	1	2	1	0	3	1	1	4	0	0
reaction to motion/improper motion	159	182	191	157	198	185	262	265	289	263	172	204	180	189	174	183	188	193	217	254	268	211
others	16	42	13	8	11	22	13	17	29	12	13	10	12	11	10	8	14	8	9	10	15	64
unclassifiable	5	2	1	4	5	4	3	7	10	3	2	0	0	3	1	4	3	0	4	5	0	1
total	2,637	2,743	2,679	2,502	2,705	2,773	2,827	2,858	2,943	2,647	1,840	1,914	1,866	1,878	1,733	1,792	1,812	1,781	1,877	2,043	1,911	1,717

Causal agents (middle) of industrial accidents in transport equipment 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	4	3	2	3	3	2	1	1	4	0	0	0	1	2	1	1	1	0	0	3	0	1
power transmission mechanism	16	20	11	22	18	17	26	17	15	18	9	18	11	9	5	12	9	9	12	8	9	11
woodworking machine	35	24	23	26	22	16	21	19	14	13	12	9	6	6	8	11	10	11	8	12	14	11
construction machine	12	10	13	6	7	14	6	13	9	10	9	10	4	5	5	2	4	5	4	7	10	9
metal manufacturing machine	550	547	543	477	500	513	524	455	505	418	255	261	312	310	288	276	229	237	270	229	225	204
general machine	195	223	181	200	207	217	190	211	243	176	110	141	142	126	128	110	111	114	128	124	108	83
mobile silviculture machine																	0	0	0	0	0	0
crane	89	100	108	111	95	100	94	124	130	118	90	92	81	81	59	68	60	52	66	57	67	62
conveying	175	177	195	168	238	225	207	225	226	201	131	131	137	124	123	131	137	118	135	159	134	121





machine			5	4	4	3	2	2	1	3	1	0	1	1	2	1	1	1	1	0	
hollow chisel mortiser, wood borer			2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0
chamfering machine, router, woodworking milling machine			1	1	0	0	0	0	2	0	0	0	2	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	0
other woodworking machines			1	4	1	1	2	1	0	1	3	1	1	0	2	3	2	2	0	1	
leveling, transporting or loading machine			2	1	0	2	2	0	2	1	0	0	0	0	0	1	0	0	0	0	1
excavating machine			0	1	1	1	2	1	2	1	1	1	1	0	0	1	0	0	3	2	
foundation work machine			0	2	2	0	0	2	1	0	0	0	0	1	0	0	0	1	0	1	
hardening machine			1	0	0	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	
demolition machine			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
vehicle for high lift work			8	3	2	7	5	6	1	6	2	4	3	1	2	3	4	2	7	5	

other construction machines			2	0		1	1	0	1	3	1	0	0	1	0	0	1	0	3	0	0
lathe			57	57		46	51	52	33	26	32	22	35	25	28	24	26	22	24	20	30
drill press, milling machine			78	57		61	42	61	45	29	31	24	26	37	19	26	23	28	18	11	23
grinding machine, buffing machine			63	59		68	49	59	66	45	37	49	40	28	49	34	43	41	29	44	26
power press			155	138		143	141	143	118	62	65	89	79	72	65	63	60	69	61	55	49
forging pressure hammer			4	1		5	2	5	5	5	4	3	3	2	5	2	2	1	0	4	2
shearing machine			7	10		6	8	9	4	6	5	5	4	9	6	5	7	3	8	2	2
other metal manufacturing machines			179	178		195	162	176	147	82	87	120	123	115	104	75	76	106	89	89	72
centrifugal machine			1	0		0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
mixer, grinder			5	2		2	3	3	3	3	3	4	4	2	2	3	6	6	2	1	2
roll machine (except printingroll machine)			9	11		8	12	14	10	4	3	8	9	9	6	8	3	8	4	7	6
injection molding machine			10	16		11	10	9	8	8	3	2	7	11	3	5	4	7	8	6	4









hauling equipment			37		66		86	84	86	98	44	36	55	55	54	46	39	59	64	63	61	42
human power machine			5		5		4	4	4	3	3	5	6	4	1	2	5	6	1	1	1	0
hand tool			71		65		58	55	59	51	40	29	48	46	40	41	40	36	35	52	42	33
ladder			93		97		94	90	106	105	78	61	65	70	61	74	78	87	75	84	60	73
slinging tool			47		37		29	40	40	46	42	23	26	30	19	26	13	21	16	29	23	29
other tools			93		88		85	95	89	97	71	82	67	74	62	69	71	71	71	82	90	69
other equipment, facilities			69		61		86	75	52	67	54	50	38	52	61	60	58	41	55	51	60	57
scaffolding			45		35		45	42	39	42	30	26	15	24	19	26	27	32	30	26	28	22
timbering			0		1		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
stairs, landing stage			50		63		54	53	77	66	58	51	52	48	52	54	67	56	47	71	66	49
opening			14		21		14	14	12	12	10	15	10	15	8	10	11	6	7	15	7	16
roof, beam, haze, crossbeam, principal rafter			6		5		4	8	1	2	2	9	3	3	2	3	1	4	3	3	2	2
working platform, boot board			54		66		65	77	71	73	42	50	30	54	32	52	47	51	44	58	50	38
passage			88		115		122	107	99	110	84	91	101	109	94	96	128	143	139	131	127	130
building,			107		116		102	94	106	94	74	81	64	50	53	47	64	33	61	59	45	58





30-39	422	467	505	466	551	565	594	686	707	615	422	448	437	469	407	399	412	395	408	447	444	368
40-49	525	527	489	493	479	553	513	492	530	479	336	377	385	416	376	444	423	446	433	493	456	394
50-59	803	806	737	647	703	660	662	641	621	573	417	367	367	334	309	320	309	306	365	399	361	347
60 years old or more	269	271	301	288	288	303	318	303	355	342	275	258	220	234	250	245	274	250	268	291	276	256
total	2,637	2,743	2,679	2,502	2,705	2,773	2,827	2,858	2,943	2,647	1,840	1,914	1,866	1,878	1,733	1,792	1,812	1,781	1,877	2,043	1,911	1,717

#### Workers' number of workplace of industrial accidents in transport equipment 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	628	724	712	637	689	674	688	611	588	479	389	362	316	310	295	303	323	277	256	301	271	265
10-29	669	647	721	645	687	707	670	630	591	512	440	421	371	411	359	373	360	374	346	342	374	345
30-49	350	315	312	300	323	333	326	367	360	360	220	235	237	223	231	216	217	228	224	261	216	194
50-99	267	360	293	282	315	310	322	314	340	316	188	201	252	243	195	233	232	227	258	262	243	223
100-299	323	286	284	283	331	321	336	409	496	450	274	303	323	329	309	305	338	302	352	373	345	267
300 workers or more	400	411	357	355	360	428	485	527	568	530	329	392	367	362	344	362	342	373	441	504	462	423
total	2,637	2,743	2,679	2,502	2,705	2,773	2,827	2,858	2,943	2,647	1,840	1,914	1,866	1,878	1,733	1,792	1,812	1,781	1,877	2,043	1,911	1,717

#### Month of industrial accidents in transport equipment 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	204	198	229	203	222	232	212	229	241	222	185	140	159	150	142	159	143	160	159	178	160	156
February	205	236	205	202	224	225	225	230	231	254	146	157	145	187	146	165	160	139	154	185	161	158
March	220	249	250	198	222	212	266	248	270	277	157	149	165	181	164	141	150	178	168	142	154	149
April	206	186	224	181	184	219	217	257	207	197	153	141	130	136	119	114	144	132	136	150	142	123
May	205	205	196	196	209	206	209	210	251	206	135	139	109	147	135	136	159	135	140	148	151	102
June	249	245	239	199	235	241	256	263	235	222	141	187	176	164	136	143	178	154	159	191	173	139
July	264	239	243	248	264	277	228	236	286	259	159	187	175	202	157	175	171	154	168	215	196	160
August	218	241	219	190	213	221	254	250	263	223	145	177	157	167	149	154	134	135	170	176	129	144
September	253	245	250	215	265	263	274	280	246	240	155	188	185	148	147	177	150	173	175	154	183	157
October	210	248	251	235	251	252	224	231	279	222	161	153	165	146	171	157	162	157	161	183	181	134
November	212	228	181	229	210	214	236	223	232	185	168	156	149	129	146	135	124	148	143	162	139	137
December	191	223	192	206	206	211	226	201	202	140	135	140	151	121	121	136	137	116	144	159	142	158
total	2,637	2,743	2,679	2,502	2,705	2,773	2,827	2,858	2,943	2,647	1,840	1,914	1,866	1,878	1,733	1,792	1,812	1,781	1,877	2,043	1,911	1,717

Prefecture of industrial accidents in transport equipment 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	40	66	46		43		35	50	43	36	33	30	45	28	36	38	31	45	25	34	29	27
Aomori	15	7	9		12		16	8	15	10	6	13	11	3	6	8	6	9	7	5	6	8

Iwate	14	16	19		23		12	11	11	15	8	16	17	16	7	12	5	15	8	12	12	13
Miyagi	21	31	27		19		33	30	26	34	24	23	36	20	26	12	26	28	32	28	26	27
Akita	3	6	8		6		6	4	8	4	8	4	1	8	2	3	2	6	4	3	2	0
Yamagata	14	11	17		19		16	20	12	22	9	9	11	10	17	9	14	9	9	9	21	13
Fukushima	29	48	40		40		44	37	33	46	18	31	35	26	29	33	23	27	29	29	23	25
Ibaraki	30	23	40		28		48	30	33	34	26	34	27	31	23	28	27	25	26	33	41	28
Tochigi	58	50	49		60		71	57	51	64	37	45	55	44	55	61	55	68	53	55	41	53
Gunma	136	106	107		122		119	134	139	115	83	73	106	96	101	107	92	93	94	102	99	83
Saitama	92	122	113		137		123	127	135	107	56	74	72	55	58	58	59	58	65	77	89	62
Chiba	49	54	35		34		36	37	40	42	40	33	27	29	27	29	30	27	18	26	21	15
Tokyo	65	72	64		61		45	35	42	52	25	18	33	40	26	33	29	24	26	34	32	27
Kanagawa	198	200	204		222		257	221	209	198	136	160	138	125	106	126	126	119	138	170	148	94
Niigata	20	25	23		18		26	23	26	18	20	19	15	13	17	16	15	16	18	15	13	17
Toyama	12	15	17		11		16	24	14	13	6	11	14	13	14	19	12	11	10	7	8	8
Ishikawa	19	7	19		17		15	9	8	14	10	7	9	20	15	16	9	5	14	15	9	14
Fukui	3	2	4		3		4	7	6	3	5	3	3	4	2	3	7	2	2	6	6	5
Yamanashi	7	12	6		13		10	23	7	12	7	6	10	5	11	11	10	10	9	11	10	3
Nagano	27	26	26		26		26	28	31	31	13	21	26	27	20	30	21	29	24	33	28	22
Gifu	66	65	66		80		74	96	111	67	41	26	33	40	46	45	55	44	50	57	49	52
Shizuoka	250	242	275		246		310	252	305	248	128	152	164	157	139	152	154	141	144	174	174	124



Aichi	366	424	379		371		393	409	417	327	214	244	232	271	258	235	217	219	223	248	223	250
Mie	94	83	102		68		84	136	125	116	59	69	57	82	69	53	81	65	66	75	74	46
Shiga	24	16	16		19		33	28	22	24	19	16	16	23	25	21	29	21	20	23	18	23
Kyoto	26	27	33		22		15	25	29	22	17	8	17	11	13	8	16	13	18	21	13	9
Osaka	117	119	112		113		78	103	115	76	67	51	59	59	53	57	52	59	80	58	47	65
Hyogo	79	91	79		95		88	75	103	85	60	66	49	61	49	42	57	47	47	56	62	67
Nara	6	8	12		6		8	9	12	12	10	7	11	5	7	9	6	5	7	8	5	1
Wakayama	10	11	11		7		10	10	12	13	5	2	3	8	5	5	8	6	7	6	6	11
Tottori	2	4	6		5		1	5	4	7	3	3	3	4	1	2	1	2	3	7	2	4
Shimane	11	5	12		7		7	9	6	13	5	7	10	8	8	5	9	4	6	7	7	2
Okayama	43	34	41		34		55	59	53	47	35	40	40	44	36	47	25	21	48	44	37	28
Hiroshima	205	223	198		222		228	229	214	235	153	186	143	157	129	136	135	140	156	163	163	137
Yamaguchi	56	54	53		56		47	50	53	61	50	27	24	25	39	37	42	30	45	38	41	21
Tokushima	27	15	14		12		14	20	16	18	23	16	11	8	14	5	10	13	9	12	10	6
Kagawa	49	51	39		39		42	45	56	44	48	33	25	29	22	25	20	26	18	26	27	29
Ehime	65	83	91		101		97	69	96	95	63	67	60	54	42	53	61	51	55	47	52	54
Kochi	23	24	29		25		21	24	19	26	19	23	13	11	9	18	16	14	12	18	16	16
Fukuoka	56	58	46		68		69	58	78	53	45	42	46	40	40	48	46	68	75	74	63	47
Saga	9	13	11		11		17	20	17	21	11	14	13	22	15	16	16	19	20	28	24	15
Nagasaki	91	85	68		79		60	72	66	50	69	75	56	58	42	56	64	57	65	57	54	66





traffic accident (others)	0	1	0	1	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	1	0	0	0	0
others	0	0	0	0	0	1	1	1	0	1	0	2	2	1	0	0	1	1	1	0	1	1	
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	27	24	33	24	34	32	23	33	35	44	18	22	38	31	22	21	16	14	15	30	13	22	

Causal agents (middle) of fatal accidents in transport equipment 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	2	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0
woodworking machine	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
construction machine	2	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0
metal manufacturing machine	3	2	1	5	1	1	2	1	3	3	1	5	2	4	2	3	0	1	3	2	0	1
general machine	2	1	2	1	2	5	2	0	2	5	1	1	0	0	3	3	2	2	1	1	1	0
mobile silviculture machine																	0	0	0	0	0	0
crane	2	1	4	1	5	2	0	4	6	2	1	2	2	1	3	3	1	4	1	2	1	1
conveying machine	3	3	3	3	3	6	4	4	1	5	0	1	1	6	1	4	1	0	2	7	2	2

vehicle	1	4	1	2	1	3	2	0	2	1	2	1	2	1	0	1	1	2	0	2	1	0
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0	1	1	4	2	0	1	0	3	0	0	3	1	2	1	0	1
kiln, caldron	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	1	1	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0
human power machine, tools	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	1	1	1	2	0	0	1	3	0	5	5	0	1	2	2	1	0	0	0	4	0	0
other equipments, facilities	1	1	0	0	3	2	0	0	0	0	0	0	2	1	0	0	0	1	0	0	0	3
temporary buildings, establishments	6	5	10	5	6	6	6	9	6	4	5	6	4	5	6	3	2	2	2	4	2	5
hazards, harmful substances	3	2	2	2	6	3	1	3	6	3	1	0	3	0	0	2	0	0	0	1	0	2
materials	0	1	5	1	2	1	1	3	1	6	0	0	2	3	1	0	3	0	0	0	0	0
load	0	0	0	1	1	0	1	1	2	1	1	1	0	0	0	0	2	0	0	0	2	1
natural environment	0	2	0	0	2	1	0	0	0	4	0	2	18	3	4	0	0	0	1	6	1	3
other causal agent	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
no causal agent	0	0	0	0	0	0	1	0	1	1	0	2	1	1	0	0	1	1	1	0	1	0
unclassifiable	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
total	27	24	33	24	34	32	23	33	35	44	18	22	38	31	22	21	16	14	15	30	13	22











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	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
electric power facilities	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other electrical equipment	0	1	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	1	0	0	1	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	1	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	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
slinging tool	1	1	1	0	0	0	0	2	0	3	3	0	1	2	2	1	0	0	0	3	0	0
other tools	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0
other equipment, facilities	1	1	0	0	3	2	0	0	0	0	0	0	2	1	0	0	0	1	0	0	0	3
scaffolding	1	3	2	3	0	1	4	0	0	1	1	1	1	0	2	0	0	0	0	2	0	1
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	1	0	1	0	0	0	0	1	2	0	3	3	0	1	0	0	1	0	0	0	0	0
opening	0	0	0	1	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0
roof, beam, haze, crossbeam, principal rafter	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
working platform, boot	1	1	2	1	0	2	0	3	1	0	0	0	0	1	0	1	0	0	0	0	0	0



water	0	1	0	0	1	1	0	0	0	0	0	0	16	1	0	0	0	0	0	0	0	0
abnormal environment	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	0	0	2
high/cold temperature environment	0	0	0	0	1	0	0	0	0	3	0	2	0	2	3	0	0	0	0	2	1	1
other environments	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
other causal agent	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
no causal agent	0	0	0	0	0	0	1	0	1	1	0	2	1	1	0	0	1	1	1	0	1	0
unclassifiable	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
total	27	24	33	24	34	32	23	33	35	44	18	22	38	31	22	21	16	14	15	30	13	22

#### Workers age of fatal accidents in transport equipment 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	0	0	1	1	1	0	0	1	1	0	1	0	0	1	0	0	0	0	1
20-29	5	1	7	4	2	2	4	7	4	11	1	2	5	2	4	6	3	1	2	3	2	1
30-39	2	1	5	4	5	6	7	4	4	7	3	4	3	7	4	3	5	1	3	5	3	4
40-49	3	6	1	5	2	8	4	5	3	2	3	6	6	5	4	4	1	3	1	5	2	6
50-59	10	7	15	8	18	10	4	12	16	12	7	5	17	8	4	4	2	5	2	9	2	5
60 years old or more	7	9	4	3	7	5	3	4	8	12	3	4	7	8	6	4	4	4	7	8	4	5
total	27	24	33	24	34	32	23	33	35	44	18	22	38	31	22	21	16	14	15	30	13	22

### Workers' number of workplace of fatal accidents in transport equipment 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	6	4	8	3	8	7	6	6	6	4	2	2	7	5	3	4	6	3	2	6	3	6
10-29	6	7	11	4	6	7	6	10	10	11	9	5	13	11	5	4	2	2	2	7	4	6
30-49	2	3	3	2	5	1	0	5	5	3	0	5	4	4	2	2	0	3	1	4	0	2
50-99	2	3	3	3	5	2	3	1	4	4	1	1	3	2	1	3	2	0	4	1	0	1
100-299	6	5	3	6	3	6	3	6	4	7	1	2	4	4	5	4	3	2	3	5	3	3
300 workers or more	5	2	5	6	7	9	5	5	6	15	5	7	7	5	6	4	3	4	3	7	3	4
total	27	24	33	24	34	32	23	33	35	44	18	22	38	31	22	21	16	14	15	30	13	22

### Month of fatal accidents in transport equipment 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	5	3	2	2	5	2	3	3	4	2	2	4	1	1	2	0	1	2	1	1
February	4	3	4	0	2	1	1	3	1	3	0	2	2	0	0	2	1	0	3	3	1	1
March	2	1	0	2	1	2	1	4	2	4	2	0	18	2	2	0	3	3	0	1	0	4
April	1	1	0	1	2	2	3	4	0	3	2	1	3	1	2	4	2	2	3	1	2	0
May	3	1	5	1	1	2	2	4	3	9	0	1	2	3	1	3	2	0	4	0	0	0
June	3	3	4	4	3	1	3	1	2	4	0	4	2	1	3	1	0	1	1	2	2	2

July	3	4	3	1	2	8	1	4	4	2	0	0	2	4	7	1	2	1	1	7	1	4
August	3	3	3	3	2	5	5	5	9	6	2	5	3	6	2	2	2	1	0	3	0	1
September	2	2	2	0	3	3	0	2	5	2	5	1	0	3	2	2	1	3	0	2	0	3
October	1	3	2	2	7	2	0	1	6	3	0	1	1	2	1	1	0	1	1	5	2	2
November	2	2	3	4	3	3	1	2	0	2	1	2	1	2	0	2	0	1	1	3	0	0
December	2	1	2	3	6	1	1	1	0	3	2	3	2	3	1	2	1	1	0	1	4	4
total	27	24	33	24	34	32	23	33	35	44	18	22	38	31	22	21	16	14	15	30	13	22

Prefecture of fatal accidents in transport equipment 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	1	0	1	1	2	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	1
Aomori	0	0	1	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	4	0	1	0	0	0	0	1	2	0	1	0	0	0	0	0	0
Miyagi	0	0	0	0	1	0	0	3	0	1	0	0	14	0	2	0	0	0	0	3	0	0
Akita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Yamagata	0	0	1	0	0	0	1	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0
Fukushima	0	0	1	0	0	1	1	0	0	1	0	1	2	0	0	1	0	0	0	0	0	0
Ibaraki	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0
Tochigi	2	1	1	0	1	0	2	0	0	2	0	1	0	1	0	0	0	0	0	1	0	0



Wakayama	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Tottori	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Shimane	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Okayama	0	0	2	1	2	0	0	0	0	3	0	1	0	1	1	1	1	0	3	3	0	1
Hiroshima	3	4	3	1	7	7	3	5	3	10	2	6	3	3	3	1	2	3	4	3	5	1
Yamaguchi	1	1	0	1	0	0	1	1	3	2	2	0	1	1	2	0	1	1	0	1	1	0
Tokushima	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0
Kagawa	1	0	2	3	1	3	1	2	2	2	1	0	3	3	1	0	0	0	0	0	0	3
Ehime	6	0	7	0	3	3	2	2	3	3	3	2	2	0	2	0	1	1	0	0	0	4
Kochi	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Fukuoka	0	1	0	1	2	0	0	0	0	2	0	0	0	1	0	1	0	0	0	1	0	0
Saga	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1
Nagasaki	0	1	1	1	0	0	1	3	2	0	2	0	3	2	1	1	1	0	1	2	1	4
Kumamoto	0	0	1	1	0	1	1	1	1	0	0	0	1	0	1	0	0	0	1	1	0	0
Oita	2	2	0	2	1	0	1	3	1	0	4	1	0	0	0	1	1	0	0	0	2	0
Miyazaki	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagoshima	0	0	0	0	1	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	27	24	33	24	34	32	23	33	35	44	18	22	38	31	22	21	16	14	15	30	13	22



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

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