



contact to high/low-temperature	8	3	8	11	8	6	2	10	6	9	2	7	2	8	10	17	8	20	15	23	22	22
contact to harmful substance	3	1	4	-	3	3	2	4	2	0	0	1	1	2	13	1	0	0	1	0	1	1
electric shock	0	0	1	-	0	-	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
explosion	0	1	1	-	0	-	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0
burst	1	1	1	-	0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0
fire	0	0	1	-	0	1	0	2	0	0	0	1	0	0	1	0	1	0	0	0	2	0
traffic accident (public road)	17	23	30	46	39	29	37	25	55	39	28	42	22	32	35	30	18	26	27	26	27	25
traffic accident (others)	3	3	2	1	0	-	1	2	3	1	1	0	2	1	2	1	0	1	0	2	2	3
reaction to motion/improper motion	107	98	119	111	130	130	149	146	170	161	162	147	155	183	195	174	206	229	261	251	329	372
others	3	3	2	1	2	4	4	3	2	6	5	6	10	6	4	3	5	8	8	8	8	14
unclassifiable	1	1	2	2	0	1	1	1	2	1	1	2	2	4	2	5	1	2	2	1	3	2
total	970	958	1,066	992	1,060	1,057	1,139	1,184	1,154	1,206	995	1,033	1,062	1,063	1,096	1,137	1,165	1,230	1,398	1,442	1,561	1,662

Causal agents (middle) of industrial accidents in land cargo handling service 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	-	1	-	0	0	0	0	0	2	0	0	0	1	1	0	0	0	0	0
power transmission mechanism	2	1	0	-	3	1	2	1	2	0	3	4	2	0	1	0	4	1	2	2	2	1
woodworking machine	11	14	10	7	3	9	8	11	7	5	7	6	7	10	6	10	7	7	1	4	3	6
construction machine	5	6	4	3	5	3	4	4	3	4	1	2	4	4	2	0	3	2	5	2	1	1
metal manufacturing machine	9	3	1	2	2	4	3	5	5	2	2	3	0	2	2	0	1	1	2	1	2	2
general machine	11	10	13	11	15	19	19	17	16	13	16	8	13	8	11	16	11	9	13	11	19	17
mobile silviculture machine																	0	0	0	0	0	0
crane	31	30	27	34	20	17	19	16	16	25	16	10	10	19	10	12	15	8	12	9	18	9
conveying machine	316	340	382	368	379	396	396	426	380	382	258	317	310	280	326	320	285	329	350	354	356	366
vehicle	17	21	18	28	22	17	30	21	47	34	39	38	13	20	28	30	15	19	19	33	18	31
pressure vessel	2	1	4	-	1	-	0	1	1	0	2	0	0	0	0	1	0	0	0	1	0	0

chemical facilities	0	0	0	-	1	-	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
welding equipment	0	0	1	2	1	-	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
kiln, caldron	0	0	1	-	1	1	0	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0	
electric equipment	0	1	1	-	0	-	1	1	1	1	1	0	0	2	0	2	0	1	0	2	0	1	
human power machine, tools	47	66	67	61	54	68	67	87	80	109	102	95	91	111	101	122	123	121	173	179	164	221	
tools	81	62	68	61	89	73	93	90	101	98	66	80	104	97	102	116	115	129	125	125	160	157	
other equipments, facilities	16	11	20	13	18	12	23	24	12	21	30	18	18	20	28	14	21	29	29	36	32	48	
temporary buildings, establishments	140	136	147	150	160	130	185	171	161	191	170	182	196	193	169	203	234	233	263	292	315	289	
hazards, harmful substances	4	0	3	-	5	3	2	3	2	2	0	0	1	2	14	4	2	1	1	2	2	2	
materials	82	63	68	56	65	69	48	60	58	53	40	31	36	39	43	40	42	49	58	29	51	33	
load	151	141	169	143	154	167	177	184	187	199	190	171	177	176	180	156	201	189	228	231	255	306	
natural environment	5	2	12	12	9	8	4	11	7	15	5	14	19	18	18	25	12	22	24	44	31	34	
other causal agent	11	20	17	5	4	8	9	4	11	9	5	7	14	10	11	7	14	12	16	5	17	19	
no causal agent	27	29	31	32	47	49	48	44	55	41	39	43	45	48	41	53	57	66	73	79	107	116	



milling machine																							
chain saw			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
other woodworking machines			3		0		1	3	1	2	3	2	5	6	3	4	2	4	1	2	2	2	
leveling, transporting or loading machine			2		3		1	2	0	2	0	0	1	2	0	0	2	1	3	0	0	0	
excavating machine			2		1		1	2	1	1	0	1	2	2	1	0	0	0	0	1	1	1	
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	1	0	0	0	0	0	0	0	1	1	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	1	1	0	0	0	0	1	0	0	0	2	1	0	0	
other construction machines			0		1		2	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	
lathe			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
drill press, milling machine			0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
grinding machine, buffing machine			0		1		0	1	0	0	1	1	0	0	0	0	0	0	0	1	1	0	

power press			0	0	0	0	1	0	0	1	0	1	1	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
shearing machine			0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2
other metal manufacturing machines			1	1	2	3	4	2	1	1	0	1	0	0	1	1	2	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
mixer, grinder			1	1	1	0	0	2	1	0	0	0	1	0	1	0	0	0	0	0	0
roll machine (except printingroll machine)			1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1
injection molding machine			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
food manufacturing machine			0	1	3	1	1	0	2	0	2	0	1	3	2	1	0	0	0	0	0
printing machine			0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
industrial robot			1	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
other general power machines			10	11	13	16	15	11	13	8	9	8	9	13	8	8	12	11	17	14	
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			8		10		11	6	6	15	5	3	3	9	2	7	9	3	6	7	9	4
mobile crane			14		7		7	6	6	8	7	4	2	6	2	3	3	2	5	1	2	1
derrick crane			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
elevator, lift			3		3		0	3	2	1	4	1	5	3	6	2	2	1	1	1	5	3
cargo lifting appliance			0		0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
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			2		0		1	1	2	0	0	2	0	1	0	0	1	2	0	0	2	0
truck			169		170		173	184	171	153	106	139	125	111	129	122	100	135	151	132	126	130



forklift			164		156		168	186	166	162	119	138	145	130	155	147	142	156	153	166	181	185
railway equipment			1		2		0	0	3	0	0	0	0	2	0	2	1	0	1	0	1	1
conveyor			34		37		37	33	29	42	20	26	24	26	28	33	32	31	33	38	34	40
loader			0		1		1	0	0	1	2	1	0	0	0	0	0	0	1	1	0	0
straddle carrier			0		0		0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
rough terrain hauler			0		0		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other powered conveying machines			14		13		17	22	11	24	11	13	16	11	14	15	10	7	10	17	14	10
cars, bus, motorcycle			16		18		26	18	45	33	34	31	12	17	26	26	11	15	16	31	14	28
railway vehicle			1		1		1	0	0	0	1	1	0	1	0	0	0	1	1	0	1	0
other vehicles			1		3		3	3	2	1	4	6	1	2	2	4	4	3	2	2	3	3
boiler			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pressure vessel			1		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other pressure vessels			3		1		0	1	1	0	2	0	0	0	0	1	0	0	0	1	0	0
chemical facilities			0		1		1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
gas welding equipment			1		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
arc welding			0		0		0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0

equipment																						
other welding equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron			1	1	0	1	1	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
other kiln, caldron			0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
transmission			1	0	0	0	0	0	0	1	0	0	2	0	2	0	0	0	1	0	1	1
electric power facilities			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	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0
human power cranes			2	1	1	1	0	1	0	1	0	1	1	1	1	0	2	2	1	16	24	24
human power hauling equipment			45	39	49	68	65	90	81	81	73	88	85	100	109	105	156	153	134	171	171	171
human power machine			1	0	3	1	2	0	2	1	2	0	3	0	1	3	2	0	0	1	1	1
hand tool			19	14	14	17	13	18	19	12	16	22	12	21	13	11	13	25	14	25	25	25
ladder			19	23	21	24	35	22	16	23	22	26	25	34	32	27	35	24	38	45	45	45
slinging tool			6	7	5	8	5	3	1	4	2	5	1	2	3	5	2	1	6	4	4	4
other tools			43	59	67	58	61	73	49	53	80	66	76	80	80	97	88	100	116	108	108	108



harmful substance			1	3	0	2	2	1	0	0	0	0	0	12	0	0	0	1	0	1	1
radiation			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances			1	0	1	0	0	1	0	0	1	2	1	3	1	0	0	1	1	1	
metal material			44	33	24	35	34	32	18	20	20	17	18	19	20	25	24	19	26	15	
lumber, bamboo			14	20	15	15	14	13	10	7	7	12	12	7	7	9	19	7	9	8	
stone, sand, substance			0	3	2	0	1	2	0	0	1	0	1	2	0	0	0	2	2	0	
other materials			10	9	7	10	9	6	12	4	8	10	12	12	15	15	15	1	14	10	
load			167	147	168	175	177	189	185	164	172	166	173	149	194	186	222	226	249	301	
machine/equipment as load			2	7	9	9	10	10	5	7	5	10	7	7	7	3	6	5	6	5	
natural ground, rock			0	2	1	1	1	1	0	0	2	0	0	1	0	1	1	1	1	1	2
standing tree			0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1	1	
water			0	1	0	0	0	0	0	0	4	1	1	0	0	0	1	2	0	2	
abnormal environment			1	0	0	0	1	0	0	1	1	2	0	0	0	0	0	1	0	0	
high/cold temperature			2	3	0	4	3	7	1	6	3	8	9	11	5	18	14	20	21	21	

environment																						
other environments			9		3		3	6	2	7	3	7	9	7	8	12	7	3	8	19	8	8
other causal agent			17		4		9	4	11	9	5	7	14	10	11	7	14	12	16	5	17	19
no causal agent			31		47		48	44	55	41	39	43	45	48	41	53	57	66	73	79	107	116
unclassifiable			2		1		0	2	1	1	3	1	2	4	3	4	2	2	3	1	6	3
total			1,066		1,060		1,139	1,184	1,154	1,206	995	1,033	1,062	1,063	1,096	1,137	1,165	1,230	1,398	1,442	1,561	1,662

#### Workers age of industrial accidents in land cargo handling service 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	25	26	27	18	24	28	28	19	27	21	12	16	21	19	23	19	21	28	25	20	31	31
20-29	233	230	235	205	250	213	233	202	190	221	165	147	151	138	128	139	150	156	188	187	187	212
30-39	212	222	253	252	268	270	312	329	316	294	245	236	246	240	244	241	222	211	247	233	259	219
40-49	176	188	194	194	192	203	217	228	265	289	232	263	283	306	321	346	341	357	399	386	410	435
50-59	253	220	269	249	264	243	248	318	259	260	216	244	212	227	253	234	276	296	347	406	419	503
60 years old or more	71	72	88	74	62	100	101	88	97	121	125	127	149	133	127	158	155	182	192	210	255	262
total	970	958	1,066	992	1,060	1,057	1,139	1,184	1,154	1,206	995	1,033	1,062	1,063	1,096	1,137	1,165	1,230	1,398	1,442	1,561	1,662

#### Workers' number of workplace of industrial accidents in land cargo handling service 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	183	181	216	191	173	229	200	214	189	175	101	129	117	119	116	126	91	120	134	131	128	99
10-29	265	258	305	286	343	331	342	304	311	326	232	276	257	263	261	228	276	301	307	255	283	273
30-49	190	175	191	172	203	178	185	195	213	214	161	156	192	168	162	201	159	204	234	249	261	228
50-99	140	147	137	136	151	138	161	178	173	189	183	176	190	157	184	190	220	198	244	279	273	305
100-299	143	151	170	152	142	128	175	177	181	202	196	189	203	227	248	271	295	287	315	318	389	408
300 workers or more	49	46	47	55	48	53	76	116	87	100	122	107	103	129	125	121	124	120	164	210	227	349
total	970	958	1,066	992	1,060	1,057	1,139	1,184	1,154	1,206	995	1,033	1,062	1,063	1,096	1,137	1,165	1,230	1,398	1,442	1,561	1,662

#### Month of industrial accidents in land cargo handling service 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	66	89	71	70	90	66	96	92	100	73	76	79	83	88	87	92	80	113	131	111	145
February	76	70	96	86	69	79	75	84	93	119	72	103	79	89	79	100	84	93	92	85	109	93
March	78	94	102	79	97	102	87	109	109	118	95	99	116	92	93	87	95	120	135	117	121	133
April	77	61	86	97	100	95	101	82	100	117	94	89	75	71	97	91	99	124	95	102	116	140
May	79	65	100	88	80	85	83	101	106	110	84	83	79	92	88	103	102	76	120	104	113	139
June	66	76	86	66	96	110	111	84	88	111	87	75	100	99	83	89	122	103	114	108	133	158

July	96	83	100	100	81	95	108	89	89	106	94	82	89	94	103	106	103	112	107	147	170	147
August	82	82	81	71	94	63	107	111	99	83	71	98	84	100	99	83	106	111	122	112	134	142
September	76	87	81	87	101	85	100	104	101	75	73	78	91	76	114	109	99	102	144	154	135	145
October	80	85	99	80	89	95	110	106	92	110	88	78	89	89	82	91	99	109	138	133	145	138
November	86	83	77	91	92	84	102	112	85	81	64	95	96	93	85	86	80	101	98	121	121	139
December	92	106	69	76	91	74	89	106	100	76	100	77	85	85	85	105	84	99	120	128	153	143
total	970	958	1,066	992	1,060	1,057	1,139	1,184	1,154	1,206	995	1,033	1,062	1,063	1,096	1,137	1,165	1,230	1,398	1,442	1,561	1,662

Prefecture of industrial accidents in land cargo handling service 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	45	49	37		31		45	57	40	69	38	39	60	47	44	36	43	46	59	44	46	54
Aomori	4	5	3		3		3	4	7	2	3	10	1	0	1	1	1	2	1	1	1	0
Iwate	2	1	2		1		2	1	0	0	0	1	4	0	1	1	1	1	4	1	1	0
Miyagi	4	4	11		22		12	14	5	19	18	17	14	12	6	12	14	13	11	18	11	12
Akita	1	1	1		1		3	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0
Yamagata	0	1	3		2		1	0	2	3	0	0	0	3	2	1	0	0	0	0	0	1
Fukushima	15	6	11		11		9	9	8	10	2	3	8	12	14	11	14	8	8	11	12	7
Ibaraki	23	16	19		23		34	30	31	29	29	27	31	28	30	35	23	21	31	32	42	42
Tochigi	3	9	8		22		10	14	12	18	33	49	19	19	11	12	18	14	18	18	19	21

Gunma	15	14	8		25		14	21	12	11	5	11	12	15	21	14	19	27	23	15	17	17
Saitama	56	76	76		95		120	155	145	126	112	120	139	114	120	135	121	116	136	121	169	199
Chiba	103	71	93		73		99	122	140	110	101	111	110	121	144	145	138	168	196	190	192	198
Tokyo	103	95	122		88		99	83	83	101	95	78	77	88	104	87	80	94	127	125	133	126
Kanagawa	91	98	85		106		122	105	101	128	112	113	122	138	134	113	167	165	196	198	232	262
Niigata	2	4	4		3		3	2	5	5	2	1	2	0	4	5	5	7	1	7	2	5
Toyama	3	3	3		7		2	4	7	1	2	7	2	6	2	4	3	0	3	2	5	3
Ishikawa	2	3	2		4		1	1	2	3	1	1	2	4	1	0	5	4	7	9	4	7
Fukui	3	0	4		0		2	1	2	3	0	1	2	4	2	3	3	1	1	0	2	1
Yamanashi	1	0	0		3		2	0	3	3	0	0	0	0	1	1	1	1	1	1	2	1
Nagano	2	5	6		4		1	3	6	3	6	3	2	0	1	1	5	4	5	3	5	2
Gifu	6	10	12		11		9	19	20	22	11	12	9	6	6	14	11	9	11	19	13	7
Shizuoka	15	16	32		23		24	16	25	31	8	8	21	19	12	27	25	23	25	36	36	38
Aichi	70	86	82		85		100	93	101	113	75	87	106	123	95	112	114	93	117	132	149	144
Mie	14	20	19		25		18	15	32	23	14	24	22	13	11	24	25	22	10	20	20	24
Shiga	3	8	4		6		6	5	9	6	2	4	8	5	9	3	1	8	4	9	6	2
Kyoto	9	3	11		14		17	15	20	12	6	9	12	10	7	16	12	8	7	12	10	14
Osaka	143	134	158		137		165	151	126	138	119	118	110	117	101	110	129	136	161	174	165	186
Hyogo	73	63	80		55		59	53	43	49	44	41	29	30	60	41	36	53	64	59	52	62
Nara	5	4	2		1		4	2	0	4	6	3	1	1	1	4	1	3	1	9	1	2



Wakayama	1	2	3		0		1	0	2	1	0	1	4	2	2	2	3	5	5	5	6	5
Tottori	2	0	0		2		0	0	3	0	0	1	3	0	0	2	1	1	0	1	2	0
Shimane	0	0	0		0		0	1	0	1	1	0	1	2	0	0	0	0	0	0	0	1
Okayama	15	13	10		19		11	17	25	12	17	14	8	6	12	6	10	16	13	14	14	18
Hiroshima	19	9	13		21		15	21	15	11	23	15	15	16	22	25	16	21	19	24	25	23
Yamaguchi	13	7	9		7		14	13	3	4	3	9	8	15	6	9	3	12	5	6	4	7
Tokushima	8	0	4		8		0	3	2	3	3	1	0	1	3	2	0	0	1	0	0	1
Kagawa	12	9	5		4		2	10	5	6	7	5	11	5	5	9	6	8	13	7	13	8
Ehime	7	6	9		6		11	6	8	3	4	4	6	3	7	6	5	7	4	5	8	7
Kochi	10	8	17		8		2	4	2	1	0	2	1	0	3	1	0	4	3	0	2	1
Fukuoka	29	52	61		51		58	57	62	53	47	47	45	51	59	64	61	55	60	70	98	105
Saga	10	17	9		9		7	23	19	27	18	9	11	9	12	19	19	24	19	17	19	27
Nagasaki	4	10	5		4		7	4	1	7	3	1	4	5	4	6	7	4	0	3	1	2
Kumamoto	4	7	9		5		6	7	3	6	4	6	9	2	6	4	5	3	3	5	6	3
Oita	4	3	4		2		4	2	3	3	2	3	0	0	1	1	1	1	3	1	0	1
Miyazaki	7	4	3		19		6	11	8	16	6	5	3	4	4	5	3	6	6	5	4	8
Kagoshima	4	6	5		10		5	7	2	6	11	6	6	3	1	4	8	10	10	8	8	4
Okinawa	5	0	2		4		4	3	4	4	2	5	2	4	2	4	2	6	6	5	4	4
total	970	958	1,066		1,060		1,139	1,184	1,154	1,206	995	1,033	1,062	1,063	1,096	1,137	1,165	1,230	1,398	1,442	1,561	1,662



caught in/between	1	0	0	0	2	3	2	2	3	0	1	3	1	1	0	1	1	2	3	0	0	1
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	1	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0
contact to harmful substance	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
electric shock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
explosion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0
traffic accident (public road)	1	2	2	3	0	1	1	2	3	1	1	0	0	0	0	1	0	0	0	0	0	4
traffic accident (others)	1	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 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	0	0	0	0	0	0	0	0	0	2	0	0	1	1	1	1	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	11	9	8	10	6	10	7	11	10	6	6	9	11	4	1	5	7	6	7	6	6	9







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	1	0	0	0	0	0	2	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
roll machine (except printingroll machine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
injection molding machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other general power machines	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0
felling machine																	0	0	0	0	0	0
mobile logging machine																	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	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
cars, bus, motorcycle	0	0	0	1	0	1	0	0	3	1	1	0	0	0	0	1	0	0	0	0	0	2
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	2	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	0	0	0	0	0	0	0	0	0	0	0	0
human power cranes	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0







10-29	2	5	1	5	4	2	2	4	4	3	0	3	4	0	1	1	1	3	2	1	0	2
30-49	2	1	2	0	1	2	2	0	1	2	2	2	3	1	0	0	2	0	1	2	0	4
50-99	2	1	2	2	0	1	1	2	4	0	0	0	1	0	0	1	0	0	1	1	0	1
100-299	1	1	1	2	0	0	0	0	1	0	2	1	0	2	0	0	1	2	0	1	1	1
300 workers or more	1	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	1	0	2	0	2	0
total	11	9	8	10	6	10	7	11	10	6	6	9	11	4	1	5	7	6	7	6	6	9

Month of fatal accidents in land cargo handling service 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	2	0	1	1	1	1	1	0	0	2	0	0	0	0	1	0	0	1	1	1	0
February	0	0	1	1	1	1	0	0	0	0	0	2	1	1	0	0	1	1	0	1	3	0
March	2	0	0	2	1	1	2	1	0	2	0	0	4	0	0	0	0	3	0	0	0	1
April	2	1	1	0	0	1	0	1	4	0	1	1	2	0	0	0	0	1	0	0	0	0
May	0	0	0	1	0	0	0	1	2	0	0	0	1	0	0	0	1	0	1	1	0	0
June	0	0	0	2	0	1	1	2	0	0	1	1	1	0	0	2	1	0	0	0	0	1
July	1	1	1	0	1	0	0	0	0	1	1	0	0	2	0	0	0	1	0	1	1	0
August	2	0	0	0	0	0	0	1	1	1	0	0	0	1	0	2	0	0	2	0	0	0
September	2	0	0	0	0	1	1	3	2	0	1	0	1	0	0	0	0	0	1	1	0	3
October	0	0	2	1	1	2	0	1	1	0	0	0	1	0	0	0	2	0	0	0	0	1





Hiroshima	3	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0
Yamaguchi	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
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	0	0	0	0	0	0	0	0	0
Ehime	0	0	0	0	0	0	0	0	1	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	1	1	0	1	1	1	0	0	0	0	0	1	0	0	0	1	2	1	1	0	0	1
Saga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	1	2	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	1	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	1	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	11	9	8	10	6	10	7	11	10	6	6	9	11	4	1	5	7	6	7	6	6	9

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](https://www.jisha.or.jp/english/statistics/2020e_industry.html)