Fatal & non-fatal accidents in communication/transportation in Japan in 1999-2021

communication/transportation industry Code No.0401+0402+0404

Type of accidents in communication/transportation in 1999-2021

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	2021
fall from height	262	236	232	280	291	295	262	292	280	283	255	301	232	240	244	250	245	283	262	319	296	263	278
falling to same level	500	474	546	446	593	586	638	575	545	583	612	634	685	749	734	775	680	658	704	866	718	648	756
crash	104	115	138	119	122	128	118	166	154	116	126	145	116	118	136	148	132	178	149	170	150	151	161
struck by flying or falling object	46	42	57	38	37	52	38	41	41	31	47	32	48	44	27	32	43	42	28	40	38	28	28
collapse	8	10	8	6	10	9	5	9	13	7	8	5	2	11	4	11	9	6	5	3	12	4	1
crashed by	79	91	82	74	80	100	103	81	85	92	68	98	76	96	90	120	143	96	95	67	116	82	75
caught in/between	144	134	142	118	116	130	132	161	143	132	136	129	124	137	160	120	125	130	147	135	142	126	119
cut	28	28	23	16	31	30	32	27	23	33	25	22	26	22	25	30	20	16	21	18	17	14	19
injury to the sole of the foot	2	3	2	1	0	3	2	2	0	3	1	1	6	1	1	0	1	1	2	1	1	2	0
drown	2	1	0	0	0	0	1	0	0	0	0	0	19	1	2	1	2	1	2	2	0	0	1
contact to																							

high/low-temperature	18	37	22	22	24	37	24	23	35	22	15	30	31	25	25	22	23	28	38	37	29	23	20
contact to harmful substance	1	5	4	1	7	6	4	9	4	3	4	3	11	4	18	12	14	10	19	14	3	7	3
electric shock	3	6	2	4	3	1	4	3	5	4	1	2	2	1	4	2	2	3	0	3	0	2	1
explosion	1	2	0	2	0	0	0	0	0	2	0	0	1	0	1	0	1	0	2	0	1	0	1
burst	3	2	1	3	1	2	4	0	1	3	2	0	1	1	0	2	0	0	0	0	1	0	0
fire	1	1	1	1	0	1	0	1	1	0	0	1	3	0	0	0	1	0	0	1	0	1	1
traffic accident (public road)	1,238	1,186	1,161	1,027	1,040	1,016	1,077	1,022	995	1,036	1,053	1,062	1,091	1,023	1,140	1,211	1,239	1,239	1,123	1,053	937	740	706
traffic accident (others)	13	12	16	60	45	68	71	56	90	42	21	24	8	7	10	11	14	5	12	9	12	11	4
reaction to motion/improper motion	337	292	321	344	335	375	355	397	400	464	414	400	451	489	454	481	430	502	574	560	546	438	425
others	97	117	107	129	107	98	130	154	174	212	188	160	158	130	94	90	108	104	112	88	119	152	383
unclassifiable	59	67	56	90	88	91	49	55	50	49	39	30	21	38	40	30	24	38	19	21	9	14	16
total	2,946	2,861	2,921	2,781	2,930	3,028	3,049	3,074	3,039	3,117	3,015	3,079	3,112	3,137	3,209	3,348	3,256	3,340	3,314	3,407	3,147	2,706	2,998

Causal agents (middle) of industrial accidents in communication/transportation in 1999-2021

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	2021
engine	1	2	1	1	0	3	1	1	1	2	0	0	2	1	1	2	3	0	0	2	0	0	0
power transmission mechanism	3	3	7	4	6	2	6	2	3	5	3	4	6	1	6	2	6	1	3	7	5	1	2
woodworking machine	2	1	1	0	3	2	2	0	2	4	1	2	8	1	2	2	2	0	2	1	1	3	3
construction machine	3	5	1	1	2	3	6	5	6	1	4	0	3	3	5	3	3	4	3	3	3	2	4
metal manufacturing machine	6	4	7	2	2	5	2	3	1	3	4	2	5	2	0	4	3	1	4	1	2	2	3
general machine	14	6	11	9	7	9	13	10	8	7	12	8	4	9	7	6	8	6	8	12	6	5	2
mobile silviculture machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
crane	12	7	5	8	12	9	4	5	3	7	8	5	7	6	13	7	6	6	5	9	8	13	3
conveying machine	99	108	98	107	98	103	89	91	87	85	83	81	70	88	72	83	87	76	81	79	84	58	74
vehicle	1,492	1,469	1,454	1,347	1,367	1,399	1,478	1,445	1,443	1,428	1,414	1,461	1,429	1,411	1,505	1,539	1,589	1,604	1,494	1,478	1,355	1,075	1,033
pressure vessel	0	0	0	2	0	1	1	0	0	1	0	0	0	1	0	2	0	0	0	0	1	1	0

chemical facilities	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0
welding equipment	2	4	0	2	0	0	2	0	0	1	0	1	2	1	0	1	1	0	1	0	2	0	0
kiln, caldron	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	2	0	2	0	0	0	1
electric equipment	5	7	2	6	2	3	8	3	5	6	1	3	4	3	4	5	2	4	2	9	2	3	2
human power machine, tools	30	38	29	39	40	52	56	53	48	52	45	44	54	50	62	77	55	57	49	70	57	64	59
tools	100	100	94	104	98	117	113	111	111	107	105	124	108	97	120	153	122	119	134	151	136	130	147
other equipments, facilities	28	38	38	30	28	29	23	37	42	52	51	37	34	47	43	34	37	49	42	54	44	34	41
temporary buildings, establishments	557	506	559	503	640	639	638	646	629	656	630	664	649	719	680	712	683	723	744	819	771	680	756
hazards, harmful substances	4	13	11	4	6	7	7	13	14	5	8	4	10	3	5	2	6	2	8	1	4	3	2
materials	28	39	31	21	30	29	22	35	26	33	22	33	32	31	19	35	31	16	15	21	22	21	25
load	68	74	84	92	76	95	68	99	126	93	102	83	96	97	94	109	99	135	141	129	124	72	52
natural environment	114	98	133	98	119	131	132	141	133	127	108	132	206	185	200	221	146	190	188	237	145	125	139

other causal agent	146	145	144	141	138	171	162	155	142	174	158	140	150	124	130	121	124	138	127	87	103	142	373
no causal agent	161	126	158	194	183	169	180	169	162	207	220	219	205	225	210	206	219	187	252	225	260	263	270
unclassifiable	71	67	52	66	73	50	35	50	47	60	36	31	28	32	29	20	22	22	9	12	12	9	7
total	2,946	2,861	2,921	2,781	2,930	3,028	3,049	3,074	3,039	3,117	3,015	3,079	3,112	3,137	3,209	3,348	3,256	3,340	3,314	3,407	3,147	2,706	2,998

Causal agents (small) of industrial accidents in communication/transportation in 1999-2021

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	2021
engine			1		0		1	1	1	2	0	0	2	1	1	2	3	0	0	2	0	0	0
power transmission mechanism			7		6		6	2	3	5	3	4	6	1	6	2	6	1	3	7	5	1	2
circular sawing machine			1		2		2	0	2	1	1	1	1	0	1	1	2	0	1	1	1	0	0
band sawing machine			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	1	0	0	0	0	0	0	0	0	1
hollow chisel mortiser, wood borer			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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
chain saw			0		1		0	0	0	1	0	0	4	0	1	1	0	0	0	0	0	2	1
other woodworking machines			0		0		0	0	0	2	0	1	3	0	0	0	0	0	1	0	0	0	1
leveling, transporting or loading machine			0		0		2	0	4	1	1	0	1	1	2	0	2	1	0	1	1	1	1
excavating machine			0		1		1	1	0	0	0	0	0	1	1	3	0	1	1	0	0	0	0
foundation work machine			0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hardening machine			1		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
vehicle for high lift work			0		1		1	1	1	0	0	0	2	0	0	0	0	2	0	0	1	0	1
other construction machines			0		0		1	3	1	0	3	0	0	1	2	0	1	0	2	2	1	1	2
lathe			1		2		1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
drill press, milling machine			1		0		0	0	0	1	0	1	0	0	0	0	1	0	1	0	0	0	1
grinding machine,																							

buffing machine			3		0		0	1	1	0	3	0	3	2	0	3	1	0	2	1	2	2	2
power press			0		0		0	1	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	1	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
other metal manufacturing machines			2		0		1	1	0	1	0	0	1	0	0	1	1	1	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
mixer, grinder			0		0		0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
roll machine (except printingroll machine)			0		0		0	1	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
food manufacturing machine			0		0		0	0	0	0	0	0	0	0	1	1	1	0	1	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
industrial robot			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other general power machines			11		7		13	9	8	7	12	7	4	9	6	4	7	6	7	12	6	5	2

felling machine																	0	0	0	0	0	0	0
mobile logging machine																	0	0	0	0	0	0	0
skyline yarding machine																	0	0	0	0	0	0	0
other mobile silviculture machine																	0	0	0	0	0	0	0
crane			0		4		0	1	2	3	0	0	1	0	4	2	0	1	1	4	1	4	1
mobile crane			3		4		2	1	1	2	3	2	2	2	4	3	1	3	0	2	0	0	1
derrick crane			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
elevator, lift			1		3		0	1	0	1	2	2	2	2	2	1	1	1	2	1	2	5	1
cargo lifting appliance			0		0		0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0
gondola			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
lumberyard equipment, logging cableway			1		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
simple skyline yarding equipment																	0	0	0	0	0	0	0
other powered crane			0		1		2	2	0	1	3	1	2	2	2	1	3	1	2	2	2	4	0
truck			74		81		74	76	70	74	62	66	56	73	55	74	71	62	58	67	64	46	56

forklift			8		3		3	6	6	3	10	6	7	6	3	3	6	2	8	4	1	8	4
railway equipment			3		5		4	4	3	4	2	1	1	0	4	2	1	2	3	1	1	0	0
conveyor			4		1		3	2	1	0	2	0	0	3	3	0	1	0	2	0	2	2	3
loader			0		0		0	0	0	2	0	0	1	0	0	0	0	1	0	1	2	0	0
straddle carrier			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	1	0
other powered conveying machines			9		8		5	3	7	2	7	8	5	6	7	4	8	9	10	6	14	1	11
cars, bus, motorcycle			1,342		1,236		1,304	1,258	1,228	1,279	1,282	1,326	1,320	1,269	1,371	1,421	1,449	1,471	1,357	1,332	1,196	981	931
railway vehicle			38		38		47	60	45	39	43	43	43	43	64	33	24	38	37	40	47	41	50
other vehicles			74		93		127	127	170	110	89	92	66	99	70	85	116	95	100	106	112	53	52
boiler			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
pressure vessel			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other pressure vessels			0		0		1	0	0	1	0	0	0	1	0	2	0	0	0	0	0	1	0
chemical facilities			0		0		0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0
gas welding equipment			0		0		2	0	0	0	0	1	1	1	0	0	1	0	1	0	1	0	0
arc welding equipment			0		0		0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	0	0

other welding equipment			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron			1		0		1	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1
industrial dryer			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	2	0	0	0	0
transmission			1		1		2	3	5	2	0	2	4	2	2	1	0	1	1	5	1	0	0
electric power facilities			1		1		4	0	0	1	1	0	0	1	1	2	2	3	1	2	0	1	1
other electrical equipment			0		0		2	0	0	3	0	1	0	0	1	2	0	0	0	2	1	2	1
human power cranes			2		1		0	2	1	3	2	2	2	1	1	3	2	1	0	1	1	4	3
human power hauling equipment			7		21		35	36	31	29	37	35	43	34	47	62	46	47	41	58	42	47	42
human power machine			2		1		2	1	0	0	0	0	1	1	1	0	0	0	0	0	1	3	1
hand tool			18		17		19	14	16	20	6	7	8	14	13	12	7	9	8	11	13	10	13
ladder			61		65		65	68	68	65	71	80	62	56	67	82	69	70	81	96	82	77	91
slinging tool			3		0		2	0	3	4	0	0	0	1	1	0	1	0	0	1	1	2	1
other tools			30		33		46	43	40	38	34	44	46	40	52	71	52	49	53	54	53	51	55
other equipment, facilities			38		28		23	37	42	52	51	37	34	47	43	34	37	49	42	54	44	34	41

scaffolding			2		4		2	3	4	3	0	3	4	2	1	3	2	2	1	0	0	1	3
timbering			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage			106		143		138	134	135	142	123	136	103	148	131	134	109	145	150	147	159	143	141
opening			6		9		8	5	7	7	10	9	6	5	7	7	4	8	5	5	5	7	5
roof, beam, haze, crossbeam, principal rafter			2		2		4	5	1	0	2	1	6	2	2	3	2	3	3	2	4	4	1
working platform, boot board			53		50		52	50	40	49	51	61	52	55	44	42	34	44	63	64	37	44	36
passage			233		246		281	262	252	284	254	259	293	342	300	326	304	310	301	380	325	279	370
building, establishment			99		114		91	115	126	100	114	119	124	83	125	104	122	110	123	121	104	103	122
other temporary buildings, establishments			58		72		62	72	64	71	76	76	61	82	70	93	106	101	98	100	137	99	78
explosive substance			0		0		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance			2		0		0	0	2	1	0	1	2	0	1	0	0	1	0	0	2	0	0
inflammable gas			2		0		0	2	1	0	2	0	1	0	1	1	0	0	0	0	0	0	0
harmful substance			3		2		2	0	2	1	0	2	2	0	0	0	2	0	1	0	0	0	0
radiation			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

other hazards, harmful substances			4		4		5	11	9	3	5	1	5	3	3	1	4	1	7	1	2	3	2
metal material			16		15		12	13	10	9	9	14	17	14	3	13	13	10	7	7	6	10	9
lumber, bamboo			3		2		4	7	3	2	3	6	3	4	6	6	4	2	2	2	6	2	5
stone, sand, substance			5		2		2	2	6	9	5	4	3	2	3	3	1	2	3	6	7	1	2
other materials			7		11		4	13	7	13	5	9	9	11	7	13	13	2	3	6	3	8	9
load			77		69		65	92	119	89	91	78	91	92	87	106	96	131	136	125	124	65	47
machine/equipment as load			7		7		3	7	7	4	11	5	5	5	7	3	3	4	5	4	0	7	5
natural ground, rock			5		5		10	16	8	8	3	5	13	9	13	5	7	7	12	9	9	4	7
standing tree			7		6		3	2	4	2	4	3	9	2	3	3	3	1	0	2	2	4	4
water			4		1		2	6	4	5	0	1	34	1	3	1	3	5	3	3	2	4	0
abnormal environment			3		1		1	9	11	1	2	1	7	18	17	6	10	22	22	21	3	0	1
high/cold temperature environment			16		5		3	4	7	6	0	7	7	7	9	7	6	10	13	17	13	13	7
other environments			98		101		113	104	99	105	99	115	136	148	155	199	117	145	138	185	116	100	120
other causal agent			144		138		162	155	142	174	158	140	150	124	130	121	124	138	127	87	103	142	373
no causal agent			158		183		180	169	162	207	220	219	205	225	210	206	219	187	252	225	260	263	270

unclassifiable			52		73		35	50	47	60	36	31	28	32	29	20	22	22	9	12	12	9	7
total			2,921		2,930		3,049	3,074	3,039	3,117	3,015	3,079	3,112	3,137	3,209	3,348	3,256	3,340	3,314	3,407	3,147	2,706	2,998

Workers age of industrial accidents in communication/transportation in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
19 years old or less	25	19	27	27	20	12	16	21	11	16	12	10	16	15	16	19	12	20	17	15	8	10	18
20-29	320	313	280	269	289	290	279	251	218	191	164	184	161	188	196	187	191	218	234	250	245	209	226
30-39	420	404	422	458	481	527	509	553	565	491	450	456	438	430	397	358	335	329	297	281	284	235	250
40-49	689	579	588	585	580	626	591	654	699	731	680	698	705	747	768	808	748	719	673	672	628	514	536
50-59	1,181	1,243	1,247	1,059	1,160	1,093	1,122	1,069	968	983	934	876	889	840	879	970	994	1,026	1,027	1,061	886	795	920
60 years old or more	311	303	357	383	400	480	532	526	578	705	775	855	903	917	953	1,006	976	1,028	1,066	1,128	1,096	943	1,048
total	2,946	2,861	2,921	2,781	2,930	3,028	3,049	3,074	3,039	3,117	3,015	3,079	3,112	3,137	3,209	3,348	3,256	3,340	3,314	3,407	3,147	2,706	2,998

Workers' number of workplace of industrial accidents in communication/transportation in 1999-2021

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
9 workers or less	135	105	111	82	116	128	97	117	107	118	84	114	108	112	100	100	102	89	112	119	99	98	104
10-29	195	196	186	218	185	221	212	201	215	221	191	207	238	219	201	211	216	226	233	248	238	219	207

30-49	208	224	217	206	237	200	222	265	212	242	223	251	235	263	250	256	245	251	240	287	243	231	275
50-99	500	521	505	494	534	489	536	502	510	532	539	541	584	537	572	546	541	616	617	638	578	472	549
100-299	1,329	1,272	1,352	1,215	1,326	1,350	1,346	1,401	1,340	1,353	1,426	1,485	1,511	1,474	1,528	1,688	1,567	1,617	1,544	1,542	1,491	1,282	1,461
300 workers or more	579	543	550	566	532	640	636	588	655	651	552	481	436	532	558	547	585	541	568	573	498	404	402
total	2,946	2,861	2,921	2,781	2,930	3,028	3,049	3,074	3,039	3,117	3,015	3,079	3,112	3,137	3,209	3,348	3,256	3,340	3,314	3,407	3,147	2,706	2,998

Month of industrial accidents in communication/transportation in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
January	268	260	353	314	336	315	305	339	260	296	343	354	387	340	383	360	342	378	346	445	329	305	336
February	315	305	304	224	288	289	300	335	279	331	277	300	306	369	320	413	314	280	291	319	260	313	271
March	275	259	275	242	269	281	273	283	303	263	282	279	299	252	273	314	306	323	277	325	301	294	240
April	260	218	235	205	240	222	227	250	276	244	254	241	243	245	270	227	262	311	256	271	261	171	216
May	219	227	233	204	226	235	252	238	262	237	262	241	241	227	245	239	248	236	229	218	257	146	238
June	227	244	247	218	217	248	242	261	246	231	216	256	216	230	223	255	243	251	242	245	235	191	188
July	243	224	215	230	223	227	230	255	228	267	223	230	233	262	243	245	288	256	251	262	264	209	264
August	210	221	222	215	216	226	235	203	246	246	232	257	235	248	231	250	233	259	287	271	254	218	309
September	203	229	203	217	240	248	218	222	225	203	208	214	250	255	232	252	261	261	261	292	190	197	190
October	243	210	195	221	238	259	213	247	242	263	225	236	216	222	278	251	253	257	287	228	268	211	227
November	221	227	215	237	195	214	216	216	231	239	212	216	218	226	236	227	257	252	267	243	261	191	240

December	262	237	224	254	242	264	338	225	241	297	281	255	268	261	275	315	249	276	320	288	267	260	279
total	2,946	2,861	2,921	2,781	2,930	3,028	3,049	3,074	3,039	3,117	3,015	3,079	3,112	3,137	3,209	3,348	3,256	3,340	3,314	3,407	3,147	2,706	2,998

Prefecture of industrial accidents in communication/transportation in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Hokkaido	270	277	304		268		284	253	235	260	241	236	236	253	248	264	239	264	273	250	239	214	242
Aomori	50	32	41		45		39	23	31	25	22	37	23	44	25	19	25	22	27	16	23	15	24
Iwate	13	21	25		17		25	19	21	19	8	21	33	17	16	26	17	11	15	20	15	14	22
Miyagi	25	31	52		46		50	41	47	37	56	50	70	65	57	51	48	61	65	45	48	33	58
Akita	11	15	15		13		12	16	16	23	15	18	15	26	12	17	12	18	11	17	12	10	18
Yamagata	15	11	18		14		14	11	6	16	8	14	16	13	18	11	4	7	19	11	9	12	13
Fukushima	30	19	27		14		34	29	22	23	22	26	17	28	35	33	21	21	28	30	24	15	21
Ibaraki	43	56	57		37		34	40	40	30	42	38	41	52	56	46	43	37	34	38	24	31	25
Tochigi	15	15	20		21		18	21	18	11	14	15	10	14	16	21	13	10	23	15	16	15	12
Gunma	39	38	34		36		32	31	24	23	31	18	21	24	30	34	32	28	22	14	24	17	18
Saitama	64	57	59		61		63	79	61	72	56	84	63	81	88	84	75	81	83	61	71	84	93
Chiba	123	160	165		171		202	161	211	156	153	138	136	152	117	176	150	175	153	153	164	118	109
Tokyo	547	490	541		513		533	575	585	669	676	634	673	666	723	782	794	825	788	848	769	648	632
Kanagawa	268	208	243		222		275	304	320	316	303	342	335	361	350	353	351	338	353	341	321	282	279
Niigata	46	44	37		38		42	52	40	56	44	43	32	50	39	36	34	38	41	38	31	29	34

Toyama	16	8	9		12		14	14	8	13	7	16	12	8	13	10	15	6	9	15	13	8	10
Ishikawa	14	10	12		15		13	16	22	15	9	16	24	15	13	10	16	8	14	26	18	12	34
Fukui	8	11	7		8		4	6	9	13	8	8	13	8	7	10	4	8	16	5	6	9	9
Yamanashi	10	4	11		9		8	13	6	11	7	6	5	5	7	6	8	4	4	8	5	6	4
Nagano	55	40	42		60		55	47	54	57	51	59	48	50	64	70	55	57	45	63	59	67	62
Gifu	24	22	12		26		39	28	23	24	22	30	21	20	18	25	17	22	31	37	26	17	18
Shizuoka	45	44	49		57		40	46	65	55	39	58	72	74	59	70	58	93	95	85	76	90	64
Aichi	113	137	141		100		135	140	151	125	163	133	139	144	160	149	162	115	136	143	142	108	126
Mie	21	20	28		26		25	29	23	23	27	31	26	23	25	16	20	27	16	34	22	24	14
Shiga	13	16	14		23		14	13	12	11	12	19	33	22	22	14	16	19	14	14	16	16	19
Kyoto	171	132	114		150		147	130	119	105	97	119	131	94	121	135	142	157	136	130	117	74	85
Osaka	263	284	237		265		245	268	262	259	265	245	253	224	259	252	248	254	229	289	255	203	329
Hyogo	123	135	117		93		106	139	106	118	76	107	99	117	112	122	131	122	114	121	117	121	102
Nara	23	23	26		24		33	22	13	18	21	9	20	16	19	17	27	32	24	23	23	27	15
Wakayama	33	30	24		14		22	20	14	26	16	14	16	18	16	15	13	16	20	16	20	7	14
Tottori	7	8	12		9		6	11	11	10	10	4	6	9	11	6	8	2	9	9	10	15	4
Shimane	2	14	10		13		6	7	9	16	7	4	14	17	11	10	4	12	13	10	9	5	17
Okayama	42	49	48		43		42	47	45	42	31	26	28	40	42	41	34	34	34	37	33	30	32
Hiroshima	77	69	59		70		53	69	66	46	82	61	53	54	69	48	64	60	60	61	56	54	73
Yamaguchi	13	9	10		24		23	9	6	22	13	20	20	17	21	16	24	12	15	21	22	13	16
Tokushima	13	5	10		12		11	8	11	8	12	12	9	8	10	10	13	11	11	10	8	8	6

Kagawa	17	22	16		16		14	18	20	12	11	16	11	17	12	7	7	13	14	12	13	10	23
Ehime	17	17	10		14		14	15	9	15	14	12	11	17	15	18	15	8	16	14	12	16	12
Kochi	15	18	18		18		20	25	10	13	17	18	13	16	7	9	10	14	20	19	10	12	4
Fukuoka	112	100	107		146		134	123	134	160	147	155	144	119	124	123	131	130	121	126	118	78	149
Saga	11	11	9		14		18	8	15	18	10	15	19	17	8	8	11	9	11	10	8	5	11
Nagasaki	14	22	14		34		17	30	27	31	34	32	33	26	34	38	32	30	34	36	28	31	32
Kumamoto	24	42	31		27		34	24	26	19	32	40	26	18	25	21	25	29	27	24	24	19	29
Oita	24	11	21		23		24	19	16	15	16	11	21	21	13	25	15	13	9	22	27	18	14
Miyazaki	15	26	19		13		20	20	18	24	14	18	13	12	14	25	18	17	19	24	26	18	15
Kagoshima	38	30	32		37		28	27	22	21	24	23	31	20	25	32	26	36	28	35	15	21	30
Okinawa	14	18	14		19		28	28	30	36	30	28	27	25	23	37	29	34	35	31	23	27	26
total	2,946	2,861	2,921		2,930		3,049	3,074	3,039	3,117	3,015	3,079	3,112	3,137	3,209	3,348	3,256	3,340	3,314	3,407	3,147	2,706	2,998

Industrial accidents mean fatal and non-fatal injuries and occupational diseases 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/2021em_industry.html

==========

Fatal accidents in communication/transportation in Japan in 1999-2021

communication/transportation industry Code No.0401+0402+0404

Type of fatal accidents in communication/transportation in 1999-2021

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	2021
fall from height	1	1	3	1	1	2	1	1	2	3	0	1	2	0	2	0	4	2	1	2	3	3	1
falling to same level	0	0	0	0	0	1	0	0	1	2	0	2	1	0	1	1	0	0	0	0	1	1	2
crash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
struck by flying or falling object	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
collapse	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
crashed by	0	0	1	0	1	0	1	0	0	2	0	0	0	0	0	1	0	0	1	0	0	1	0
caught in/between	1	0	2	2	2	0	2	2	0	4	0	1	3	1	0	1	0	4	2	2	0	1	0
cut	0	0	0	0	0	1	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	0
drown	1	1	0	0	0	0	1	1	0	0	0	0	19	1	1	1	2	1	2	2	0	0	1
contact to high/low-temperature	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
contact to harmful substance	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
electric shock	0	0	1	1	0	0	1	0	0	0	0	0	1	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	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	0
fire	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
traffic accident (public road)	22	21	18	26	20	22	18	12	15	14	6	9	4	7	11	10	9	9	5	6	8	3	4
traffic accident (others)	1	3	6	1	4	9	2	7	8	2	0	6	1	0	0	0	2	0	6	2	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	0
others	2	3	1	4	2	1	4	1	3	2	4	3	15	3	1	3	2	0	0	1	1	3	12
unclassifiable	1	0	0	0	1	0	1	1	0	0	1	0	1	1	0	0	1	0	0	1	0	0	0
total	29	29	32	35	32	36	31	25	29	29	12	22	48	13	16	17	22	16	18	16	14	12	20

Causal agents (middle) of fatal accidents in communication/transportation in 1999-2021

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	2021
engine	0	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	1	0	0	0	0	0	0	1	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	0
construction machine	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
general machine	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0

mobile silviculture machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
crane	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
conveying machine	6	6	4	2	4	4	1	3	1	4	1	1	1	2	2	1	3	2	0	0	0	2	1
vehicle	19	18	23	28	24	27	21	18	23	17	5	15	6	7	12	13	12	12	14	11	8	4	5
pressure vessel	0	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	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0
electric equipment	0	0	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
tools	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	1	0	0
other equipments, facilities	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
temporary buildings, establishments	1	0	1	0	0	2	2	1	1	2	0	0	4	0	1	0	1	1	2	1	2	0	2
hazards, harmful substances	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
materials	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural environment	0	0	0	0	0	1	0	1	0	1	0	1	31	1	0	0	0	1	1	1	1	1	0
other causal agent	1	2	1	3	1	1	3	0	3	1	1	1	1	1	0	0	0	0	0	0	0	2	12
no causal agent	1	1	0	1	0	0	1	1	0	1	3	2	1	1	1	3	2	0	0	1	1	2	0
unclassifiable	1	0	0	0	1	1	1	1	0	0	1	0	2	1	0	0	1	0	0	1	0	0	0

total	29	29	32	35	32	36	31	25	29	29	12	22	48	13	16	17	22	16	18	16	14	12	20

Causal agents (small) of fatal accidents in communication/transportation in 1999-2021

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	2021
engine	0	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	1	0	0	0	0	0	0	1	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	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	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	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	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	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	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	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	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	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	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	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	0
vehicle for high lift work	0	0	0	0	0	0	1	0	0	0	0	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	0
lathe	0	0	0	0	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	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	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	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	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	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	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	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	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	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	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	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	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	0
other general power machines	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
felling machine																	0	0	0	0	0	0	0
mobile logging machine																	0	0	0	0	0	0	0
skyline yarding machine																	0	0	0	0	0	0	0
other mobile silviculture machine																	0	0	0	0	0	0	0
crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mobile crane	0	0	1	0	0	0	0	0	0	2	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	0
elevator, lift	0	0	0	0	0	0	0	0	0	0	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	0
gondola	0	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	0
simple skyline yarding equipment																	0	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	0
truck	5	4	3	1	3	4	1	2	1	3	1	1	1	1	2	1	2	2	0	0	0	2	1
forklift	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	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	0
conveyor	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
loader	0	0	0	1	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	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	0
other powered conveying machines	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
cars, bus, motorcycle	18	16	16	26	19	18	18	11	15	14	5	8	5	6	10	11	8	11	6	7	8	2	4
railway vehicle	0	1	2	1	2	1	3	6	2	0	0	1	0	0	0	0	0	0	1	0	0	0	0
other vehicles	1	1	5	1	3	8	0	1	6	3	0	6	1	1	2	2	4	1	7	4	0	2	1
boiler	0	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	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	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	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	0
arc welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	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	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	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	0
transmission	0	0	1	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	1	0	0	1	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	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	0
human power hauling equipment	0	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	0	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ladder	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	1	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	0
other tools	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
other equipment, facilities	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
scaffolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0
stairs, landing stage	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	0	0
opening	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
roof, beam, haze, crossbeam, principal rafter	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
working platform, boot board	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0
passage	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
building, establishment	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0

other temporary buildings, establishments	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
explosive substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0
harmful substance	0	0	0	0	0	0	0	0	0	0	1	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	0
other hazards, harmful substances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
metal material	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0
other materials	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
machine/equipment as load	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	1	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	1	0
water	0	0	0	0	0	0	0	1	0	0	0	0	30	0	0	0	0	0	0	1	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	0
high/cold temperature environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

other environments	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	1	0	0
other causal agent	1	2	1	3	1	1	3	0	3	1	1	1	1	1	0	0	0	0	0	0	0	2	12
no causal agent	1	1	0	1	0	0	1	1	0	1	3	2	1	1	1	3	2	0	0	1	1	2	0
unclassifiable	1	0	0	0	1	1	1	1	0	0	1	0	2	1	0	0	1	0	0	1	0	0	0
total	29	29	32	35	32	36	31	25	29	29	12	22	48	13	16	17	22	16	18	16	14	12	20

Workers age of fatal accidents in communication/transportation in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
19 years old or less	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-29	1	1	2	1	2	1	3	2	0	0	0	1	1	0	0	0	0	1	2	0	0	2	0
30-39	0	2	6	2	0	7	3	2	1	2	0	2	1	2	1	2	0	0	1	1	0	0	0
40-49	11	5	2	6	9	8	6	8	5	6	0	5	5	1	2	2	3	2	1	2	0	2	1
50-59	9	15	14	13	11	12	10	6	9	13	4	6	10	5	4	4	7	5	6	4	3	2	4
60 years old or more	8	6	8	13	10	8	9	7	14	8	8	8	31	5	9	9	12	8	8	9	11	6	15
total	29	29	32	35	32	36	31	25	29	29	12	22	48	13	16	17	22	16	18	16	14	12	20

Workers' number of workplace of fatal accidents in communication/transportation in 1999-2021

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
9 workers or less	1	1	4	3	4	4	4	2	5	4	0	1	9	1	2	2	3	0	3	4	0	0	2

10-29	2	1	4	5	6	9	4	6	8	3	2	2	17	3	8	1	3	0	4	3	3	2	2
30-49	6	5	3	3	7	9	4	9	4	8	1	5	7	2	0	5	5	5	4	3	3	2	4
50-99	6	6	5	5	9	4	4	4	5	6	3	3	6	5	2	4	5	3	5	1	2	6	4
100-299	8	9	11	16	5	7	9	3	6	8	5	8	8	2	4	4	5	5	1	5	5	2	7
300 workers or more	6	7	5	3	1	3	6	1	1	0	1	3	1	0	0	1	1	3	1	0	1	0	1
total	29	29	32	35	32	36	31	25	29	29	12	22	48	13	16	17	22	16	18	16	14	12	20

Month of fatal accidents in communication/transportation in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
January	1	5	1	2	1	5	3	3	2	4	2	1	3	1	2	4	3	3	1	0	0	0	3
February	5	3	2	0	3	3	2	2	1	3	1	0	3	0	0	3	6	1	2	2	1	1	1
March	4	6	3	4	5	4	6	3	3	3	2	3	31	2	1	2	4	2	1	3	2	1	1
April	2	2	4	0	1	6	3	0	4	3	1	0	1	0	1	1	0	1	1	2	1	2	2
May	2	1	5	2	4	3	4	1	1	5	0	4	0	0	1	1	0	1	1	0	2	0	7
June	1	2	1	5	3	1	0	0	2	1	0	3	1	3	0	1	3	1	1	0	1	1	2
July	6	2	3	7	2	3	3	0	5	3	3	3	1	1	1	0	1	1	0	2	1	0	2
August	1	0	4	2	5	3	0	2	1	1	0	2	2	1	2	1	1	1	1	2	1	3	1
September	1	2	1	2	0	0	1	2	2	1	0	3	4	0	2	1	2	1	0	1	0	2	1
October	2	2	5	2	4	1	3	3	2	1	1	0	1	3	2	2	1	2	1	1	0	1	0
November	2	1	3	5	2	2	0	2	3	1	1	0	0	0	1	1	0	0	5	1	3	0	0

December	2	3	0	4	2	5	6	7	3	3	1	3	1	2	3	0	1	2	4	2	2	1	0
total	29	29	32	35	32	36	31	25	29	29	12	22	48	13	16	17	22	16	18	16	14	12	20

Prefecture of fatal accidents in communication/transportation in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Hokkaido	4	4	4	3	2	3	3	5	3	2	1	1	1	1	2	2	3	1	2	0	2	3	1
Aomori	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Iwate	0	1	1	0	0	0	0	0	0	1	0	1	12	0	0	0	0	0	0	0	0	1	1
Miyagi	0	0	0	0	0	3	0	0	2	0	0	3	18	0	0	2	0	0	0	0	0	0	0
Akita	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	1	0
Yamagata	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Fukushima	0	0	1	1	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	0	0
Ibaraki	0	1	0	1	0	2	1	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	1
Tochigi	0	1	1	0	0	0	1	2	0	0	0	1	0	0	1	0	0	1	1	1	0	0	1
Gunma	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Saitama	1	3	0	0	2	1	1	1	1	2	1	3	0	0	0	0	0	0	0	0	0	0	0
Chiba	1	0	0	1	1	2	1	0	0	0	0	1	0	0	0	0	1	0	2	0	1	0	0
Tokyo	4	4	3	6	3	3	2	3	2	0	0	2	4	2	1	3	1	4	3	2	3	2	2
Kanagawa	1	0	3	3	0	2	0	4	2	1	1	2	1	0	2	0	0	2	0	1	1	0	0
Niigata	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0

Toyama	2	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Ishikawa	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Fukui	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Yamanashi	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagano	1	0	0	0	0	3	0	0	0	2	0	0	0	0	0	1	2	0	2	3	1	2	1
Gifu	0	0	1	0	1	1	1	1	0	2	0	0	0	0	0	1	0	0	0	0	0	0	1
Shizuoka	1	0	0	1	2	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Aichi	2	2	5	3	1	1	2	1	2	1	1	1	2	0	0	0	1	1	0	1	0	0	0
Mie	0	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0
Shiga	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Kyoto	1	1	1	2	0	1	1	0	1	0	1	0	0	1	1	0	3	0	1	0	1	0	0
Osaka	2	4	2	1	2	2	5	0	4	1	2	1	1	0	2	2	1	3	1	1	1	0	6
Hyogo	2	0	1	0	0	1	1	1	1	2	0	1	1	1	0	0	0	0	0	0	0	0	1
Nara	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wakayama	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Tottori	0	0	1	0	0	1	1	3	0	1	1	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	1	0	0	0	0	0	0	0	0	0
Okayama	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Hiroshima	0	0	1	2	1	2	1	0	1	0	0	0	4	0	2	0	1	0	0	1	0	0	1
Yamaguchi	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tokushima	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	0	0	0

Kagawa	0	0	1	1	1	0	1	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0
Ehime	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Kochi	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0
Fukuoka	2	0	0	5	6	1	2	0	0	3	0	0	1	1	0	0	1	0	1	0	0	1	3
Saga	1	0	0	0	0	3	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
Nagasaki	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0
Kumamoto	0	1	1	0	1	0	0	1	2	0	1	1	1	0	0	0	0	0	0	0	0	0	1
Oita	1	0	0	0	2	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0
Miyazaki	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	1	1	1	0	1	0	0
Kagoshima	1	1	0	1	1	0	1	1	0	1	0	0	0	0	0	1	0	0	2	0	0	0	0
Okinawa	0	1	0	0	2	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	1	0	0
total	29	29	32	35	32	36	31	25	29	29	12	22	48	13	16	17	22	16	18	16	14	12	20

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

Return to https://www.jisha.or.jp/english/statistics/2021em_industry.html