

Industrial accidents in railroad/water transportation/airline service in Japan in 1999-2020

railroad/water transportation/airline service industry Code No.0401

Type of accidents in railroad/water transportation/airline service 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	78	68	69	83	81	94	76	94	83	67	72	80	76	76	61	69	67	73	75	95	78	77
falling to same level	103	101	87	77	104	113	108	94	96	94	97	107	105	134	116	119	117	119	119	133	109	99
crash	36	42	57	36	31	41	41	55	51	36	36	42	20	27	49	46	26	60	53	44	48	37
struck by flying or falling object	15	16	22	23	16	23	23	15	18	13	13	12	18	23	6	16	16	17	14	22	17	17
collapse	4	1	4	3	2	2	5	5	5	4	2	1	2	5	2	3	7	3	2	2	4	0
crashed by	36	36	30	24	22	30	28	21	24	23	17	31	19	27	23	62	58	23	21	19	34	16
caught in/between	56	50	51	36	44	61	51	64	64	46	41	49	39	47	78	44	42	40	62	40	64	41
cut	9	8	8	4	12	14	10	7	9	11	10	7	5	7	10	11	9	3	11	9	7	7
injury to the sole of the foot	0	0	1	-	0	3	1	2	0	1	0	1	3	0	0	0	1	0	2	0	0	2
drown	1	1	0	-	0	-	1	0	0	0	0	0	4	1	1	1	2	0	2	2	0	0
contact to high/low-temperature	7	7	6	6	5	11	4	6	8	8	4	4	4	8	8	9	10	10	23	15	11	7
contact to harmful substance	0	1	0	1	3	4	3	1	1	0	2	2	8	3	16	10	14	10	16	13	2	5
electric shock	3	5	2	4	2	1	4	2	5	3	1	2	1	1	3	2	2	3	0	3	0	2
explosion	0	0	0	-	0	-	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0
burst	0	0	0	1	0	-	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
fire	0	0	0	-	0	-	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
traffic accident (public road)	17	11	22	15	20	24	25	20	28	17	28	11	18	13	17	14	24	27	9	38	10	9
traffic accident (others)	4	10	12	55	42	64	66	50	82	42	18	20	3	2	3	10	5	1	10	3	6	7
reaction to motion/improper motion	90	107	86	113	116	101	96	123	122	101	92	95	116	170	135	117	97	153	187	156	153	132
others	14	26	17	19	17	12	43	34	61	66	53	45	29	35	11	13	23	20	12	19	33	24

unclassifiable	6	2	12	28	27	39	16	8	9	8	7	5	0	10	2	2	5	4	3	2	2	1
total	479	492	486	528	544	637	603	601	666	541	494	514	472	589	542	548	525	566	622	615	578	483

Causal agents (middle) of industrial accidents in railroad/water transportation/airline 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	1	1	0	-	0	-	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	0
power transmission mechanism	1	0	1	2	0	-	1	1	0	1	0	1	4	1	1	1	0	0	2	2	2	0
woodworking machine	1	0	1	-	3	2	0	0	0	1	0	1	2	1	1	2	1	0	1	0	1	0
construction machine	1	4	0	-	1	2	2	3	2	0	2	0	3	0	2	1	1	1	2	2	1	2
metal manufacturing machine	4	2	5	1	2	2	1	1	1	2	2	1	3	2	0	0	1	1	3	1	2	1
general machine	5	4	4	3	1	7	6	4	3	2	8	5	0	4	5	5	5	2	4	6	4	1
mobile silviculture machine																	0	0	0	0	0	0
crane	5	3	4	3	2	3	1	2	1	4	4	1	4	3	5	3	1	5	4	4	6	10
conveying machine	24	19	22	28	20	21	16	18	18	8	15	15	9	16	12	9	11	13	23	11	18	13
vehicle	86	125	131	142	149	208	195	192	240	165	159	153	126	157	148	137	153	159	139	177	165	97
pressure vessel	0	0	0	-	0	1	0	0	0	0	0	0	0	0	0	2	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
welding equipment	0	1	0	1	0	-	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0
kiln, caldron	0	0	1	-	0	-	0	0	0	0	0	0	0	0	1	1	2	0	1	0	0	0
electric equipment	3	3	2	6	2	1	7	2	5	4	1	3	0	2	3	4	2	3	2	5	1	2
human power machine, tools	15	14	11	16	17	25	28	16	16	24	10	7	12	17	16	18	11	13	12	20	13	15
tools	30	29	33	34	20	30	35	23	31	30	21	25	24	27	27	41	22	29	31	38	23	32
other equipments, facilities	16	30	16	16	15	12	8	15	16	21	25	17	14	27	10	14	20	21	27	24	18	13
temporary buildings,	141	125	111	106	149	159	143	173	170	139	130	162	123	158	153	154	147	155	175	161	180	146

establishments																						
hazards, harmful substances	1	1	0	1	1	1	4	3	5	2	3	0	4	1	2	1	4	1	5	1	2	0
materials	9	12	7	12	8	11	10	13	9	9	7	14	12	13	5	9	14	7	6	9	10	12
load	19	26	22	33	20	18	22	27	37	18	10	18	22	26	26	26	20	28	54	28	33	22
natural environment	30	34	33	33	35	30	26	40	48	24	18	17	40	45	47	37	34	57	59	56	34	26
other causal agent	39	27	33	23	27	44	36	33	22	33	42	33	33	22	22	31	22	25	20	26	16	20
no causal agent	40	25	38	53	55	50	51	29	34	39	32	35	34	52	51	51	48	44	47	43	46	70
unclassifiable	8	7	11	15	17	10	10	6	8	14	5	6	2	15	5	0	4	2	4	0	3	1
total	479	492	486	528	544	637	603	601	666	541	494	514	472	589	542	548	525	566	622	615	578	483

Causal agents (small) of industrial accidents in railroad/water transportation/airline service in 1999-2020

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
engine			0		0		0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	0
power transmission mechanism			1		0		1	1	0	1	0	1	4	1	1	1	0	0	2	2	2	0
circular sawing machine			1		2		0	0	0	0	0	1	0	0	0	1	1	0	1	0	1	0
band sawing machine			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
hollow chisel mortiser, wood borer			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
chain saw			0		1		0	0	0	1	0	0	2	0	1	1	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
leveling, transporting or loading machine			0		0		0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
excavating machine			0		0		0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0

machine																0	0	0	0	0	0
other mobile silviculture machine																0	0	0	0	0	0
crane			0	0	0	0	1	2	0	0	1	0	1	1	0	1	1	2	0	4	
mobile crane			2	1	0	1	0	2	1	0	0	0	1	1	0	2	0	1	0	0	
derrick crane			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
elevator, lift			1	0	0	0	0	0	1	0	1	1	0	0	0	1	1	0	1	4	
cargo lifting appliance			0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	
gondola			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
lumberyard equipment, logging cableway			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
simple skyline yarding equipment															0	0	0	0	0	0	
other powered crane			0	1	1	1	0	0	2	1	2	2	2	1	0	1	2	1	2	2	
truck			6	8	5	8	8	3	2	4	5	8	1	2	1	5	9	4	5	4	
forklift			4	2	1	1	1	0	5	4	0	2	0	2	3	1	5	1	0	7	
railway equipment			3	5	4	4	3	4	2	1	1	0	4	2	1	2	3	1	1	0	
conveyor			2	0	2	2	1	0	1	0	0	3	2	0	1	0	2	0	1	0	
loader			0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	
straddle carrier			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
rough terrain hauler			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
other powered conveying machines			7	5	4	3	5	1	5	6	3	3	5	3	5	4	4	4	10	1	
cars, bus, motorcycle			25	30	28	18	34	21	31	21	21	21	21	22	26	31	14	42	14	7	
railway vehicle			36	38	47	58	45	38	43	43	42	42	62	33	24	38	36	40	45	41	
other vehicles			70	81	120	116	161	106	85	89	63	94	65	82	103	90	89	95	106	49	
boiler			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	
other pressure vessels			0	0	0	0	0	0	0	0	0	0	0	2	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	
gas welding			0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	

equipment																					
arc welding equipment			0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
other welding equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron			1	0	0	0	0	0	0	0	0	0	1	1	2	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
other kiln, caldron			0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
transmission			1	1	2	2	5	2	0	2	0	1	1	1	0	1	1	1	0	0	0
electric power facilities			1	1	4	0	0	1	1	0	0	1	1	2	2	2	1	2	0	1	
other electrical equipment			0	0	1	0	0	1	0	1	0	0	1	1	0	0	0	2	1	1	
human power cranes			0	0	0	1	0	3	0	0	2	0	0	0	0	0	0	1	0	1	
human power hauling equipment			3	10	18	12	12	9	7	5	7	9	9	14	9	9	8	14	6	10	
human power machine			1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
hand tool			7	6	9	3	4	12	3	2	3	8	7	4	2	4	4	5	6	3	
ladder			18	10	15	8	11	16	7	9	9	15	11	18	8	12	10	19	9	16	
slinging tool			2	0	1	0	2	2	0	0	0	1	0	0	0	0	1	1	0		
other tools			13	10	19	15	18	12	14	16	15	11	16	23	14	17	21	18	13	16	
other equipment, facilities			16	15	8	15	16	21	25	17	14	27	10	14	20	21	27	24	18	13	
scaffolding			2	3	0	1	2	2	0	1	2	0	1	2	1	1	1	0	0	1	
timbering			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
stairs, landing stage			23	43	34	49	44	41	34	45	29	47	35	27	38	36	54	43	43	37	
opening			3	3	4	4	1	3	5	2	3	2	4	4	2	2	3	2	3	5	
roof, beam, haze, crossbeam, principal rafter			0	2	3	4	0	0	1	1	1	1	2	1	2	0	1	1	1	0	
working platform, boot board			14	12	11	11	10	13	11	15	11	18	14	13	9	12	19	13	14	9	
passage			26	42	48	53	54	45	39	54	35	55	55	63	52	57	55	66	51	39	
building, establishment			26	25	28	31	40	19	26	27	24	16	25	27	24	22	23	19	21	23	

19 years old or less	7	6	6	8	2	3	3	7	4	6	8	4	7	7	2	5	3	5	9	5	7	4
20-29	133	147	138	147	167	172	169	148	149	115	108	113	90	128	140	131	126	163	167	186	170	124
30-39	101	100	94	137	121	169	169	173	214	157	136	137	141	172	150	124	120	118	132	108	119	93
40-49	124	104	114	121	129	144	119	123	156	126	106	113	78	125	91	118	101	112	113	127	120	90
50-59	93	111	115	88	109	120	110	112	115	106	101	104	114	122	114	127	121	126	134	118	97	100
60 years old or more	21	24	19	27	16	29	33	38	28	31	35	43	42	35	45	43	54	42	67	71	65	72
total	479	492	486	528	544	637	603	601	666	541	494	514	472	589	542	548	525	566	622	615	578	483

Workers' number of workplace of industrial accidents in railroad/water transportation/airline 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	38	20	30	22	37	37	30	43	25	29	14	34	23	38	24	22	22	20	31	25	19	34
10-29	51	52	55	58	40	52	43	39	57	35	44	47	55	48	32	35	38	40	44	49	55	65
30-49	54	47	50	46	53	44	47	55	37	40	31	48	37	44	55	47	45	50	48	39	45	44
50-99	63	61	44	57	68	58	76	67	66	68	72	59	76	69	65	69	58	69	76	76	68	67
100-299	140	148	134	135	169	198	163	183	192	166	170	172	158	174	180	164	158	159	192	167	172	159
300 workers or more	133	164	173	210	177	248	244	214	289	203	163	154	123	216	186	211	204	228	231	259	219	114
total	479	492	486	528	544	637	603	601	666	541	494	514	472	589	542	548	525	566	622	615	578	483

Month of industrial accidents in railroad/water transportation/airline 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	36	37	55	51	57	40	59	58	54	56	51	59	63	54	60	56	58	41	56	61	67	59
February	49	45	41	37	49	55	61	63	62	50	43	48	48	59	54	61	48	50	52	63	47	52
March	51	52	48	53	52	68	47	60	65	38	48	46	48	52	46	50	59	57	57	45	57	45
April	41	29	38	28	51	43	44	51	77	37	52	42	27	41	42	49	36	42	49	52	51	35
May	36	38	42	41	49	48	61	34	52	43	35	51	30	49	33	47	41	53	36	46	50	29
June	37	38	49	29	46	42	59	54	51	37	38	40	33	54	37	29	47	48	46	51	40	32
July	36	39	38	49	39	58	36	45	59	48	37	35	35	51	48	40	50	49	58	51	51	30
August	33	51	47	40	44	47	53	39	53	47	39	44	26	43	49	36	34	50	66	59	43	32
September	36	48	21	38	40	65	45	50	57	31	45	38	41	63	41	61	51	51	55	54	43	34
October	42	35	39	51	49	58	32	54	47	46	37	35	37	42	48	33	36	42	50	36	40	44
November	41	42	37	51	25	55	55	54	47	55	32	37	36	39	40	34	41	41	39	39	42	35
December	41	38	31	60	43	58	51	39	42	53	37	39	48	42	44	52	24	42	58	58	47	56

total	479	492	486	528	544	637	603	601	666	541	494	514	472	589	542	548	525	566	622	615	578	483
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Prefecture of industrial accidents in railroad/water transportation/airline 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	15	19	14		21		21	13	19	12	17	19	21	29	28	20	19	31	38	30	38	38
Aomori	2	6	4		4		8	3	3	1	3	3	5	7	2	3	1	0	0	1	4	3
Iwate	2	0	4		2		4	1	1	1	1	1	0	1	3	4	3	1	1	3	2	3
Miyagi	6	7	8		10		8	3	11	6	6	14	11	6	7	3	6	4	13	5	4	4
Akita	2	2	3		2		3	2	4	6	2	3	3	5	5	2	1	6	4	4	4	2
Yamagata	2	6	3		2		1	4	4	2	2	6	6	1	8	3	0	2	7	4	1	4
Fukushima	8	5	3		4		9	9	5	6	5	9	3	5	6	4	1	2	4	4	2	2
Ibaraki	7	7	12		11		2	7	5	1	3	4	2	8	8	4	1	1	3	0	0	4
Tochigi	2	2	2		2		0	4	3	0	1	2	2	2	1	3	1	2	3	4	1	0
Gunma	11	16	8		12		14	5	6	10	15	4	11	15	12	12	18	6	11	9	8	5
Saitama	15	16	15		15		15	23	9	17	8	16	12	17	17	10	9	10	7	7	6	14
Chiba	72	99	98		106		136	105	131	77	67	59	38	59	50	69	56	82	63	62	49	26
Tokyo	88	59	89		106		128	122	142	132	105	136	105	174	129	167	158	174	174	195	172	94
Kanagawa	23	27	24		24		19	41	33	31	22	21	24	33	31	24	21	20	30	29	27	33
Niigata	25	10	11		6		10	13	14	14	12	9	9	13	8	11	7	11	9	8	7	13
Toyama	1	5	2		6		2	3	2	0	1	3	4	1	1	1	7	2	3	4	5	4
Ishikawa	1	0	1		2		2	3	4	2	0	1	1	1	2	1	3	4	2	8	5	2
Fukui	1	8	2		1		1	1	1	4	3	2	1	2	0	2	0	1	1	0	0	3
Yamanashi	1	0	3		4		2	3	1	1	2	0	2	1	2	0	2	2	2	1	0	2
Nagano	30	18	15		27		29	22	25	25	26	17	24	24	30	33	25	21	25	29	32	37
Gifu	0	4	3		4		7	4	4	3	2	5	4	2	3	2	2	2	6	7	5	1
Shizuoka	5	4	6		12		4	4	8	8	5	3	11	9	5	6	10	7	7	7	5	6
Aichi	15	12	17		11		26	27	18	13	24	16	16	18	21	13	21	11	24	19	19	9
Mie	5	0	8		4		5	5	5	6	6	3	4	3	4	1	4	5	2	4	4	4
Shiga	2	7	5		3		1	5	2	1	1	4	7	7	6	3	2	7	4	1	2	6
Kyoto	8	1	4		2		11	14	14	5	10	7	15	9	20	19	8	18	19	18	15	13
Osaka	43	61	49		51		43	60	90	62	56	46	40	44	41	34	38	45	51	54	58	37
Hyogo	15	17	14		6		12	14	15	11	5	19	12	17	12	13	19	13	17	12	14	25
Nara	2	1	2		2		4	3	4	3	1	2	2	2	3	3	4	4	4	1	2	4
Wakayama	2	0	2		1		3	3	0	2	0	1	3	2	1	3	1	4	3	0	6	3
Tottori	2	0	1		2		2	6	0	0	2	0	0	2	0	0	2	0	0	0	2	5

construction machine	0	0	0	0	0	0	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
general machine	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
conveying machine	1	2	0	1	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	2
vehicle	2	2	7	2	5	9	3	7	8	3	0	7	1	1	2	2	4	1	8	4	0	2
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
other equipments, facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
temporary buildings, establishments	0	0	0	0	0	0	2	0	1	1	0	0	2	0	0	0	1	0	1	1	0	0
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
materials	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
natural environment	0	0	0	0	0	1	0	1	0	0	0	0	3	0	0	0	0	1	1	1	1	0
other causal agent	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	4	5	10	4	6	10	6	9	9	5	0	8	7	2	3	2	7	2	11	7	1	6

stone, sand, substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other materials	0	0	0	0	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
machine/equipment as load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural ground, rock	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
standing tree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
water	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	1	0	0
abnormal environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	1	0	1	0
other causal agent	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	4	5	10	4	6	10	6	9	9	5	0	8	7	2	3	2	7	2	11	7	1	6

Workers age of fatal accidents in railroad/water transportation/airline 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	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	0	2	1	1	1	3	1	0	0	0	1	0	0	0	0	0	1	2	0	0	2
30-39	0	0	3	1	0	4	1	0	1	1	0	2	1	1	0	0	0	0	1	1	0	0
40-49	1	2	0	1	3	2	1	6	3	1	0	2	2	0	1	0	2	0	0	1	0	2
50-59	2	2	3	0	2	3	1	1	2	3	0	1	0	0	1	1	3	1	4	2	0	1
60 years old or more	0	1	2	1	0	0	0	1	3	0	0	2	4	1	1	1	2	0	4	3	1	1
total	4	5	10	4	6	10	6	9	9	5	0	8	7	2	3	2	7	2	11	7	1	6

Workers' number of workplace of fatal accidents in railroad/water transportation/airline 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	0	1	2	0	2	2	1	2	3	2	0	1	1	0	1	1	1	0	1	3	0	0

Oita	1	0	0	0	0	0	0	0	0	0	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	0	0	2	0	0	0
Okinawa	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
total	4	5	10	4	6	10	6	9	9	5	0	8	7	2	3	2	7	2	11	7	1	6

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

Return to https://www.jisha.or.jp/english/statistics/2020e_industry.html