Fatal and non-fatal accidents in airline service in Japan in 1999-2022

airline service industry Code No.040103

Type of accidents in airline service in 1999-2022

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	2022	total
fall from height	10	10	12	21	12	9	11	21	12	6	8	10	9	12	9	12	13	9	14	19	6	5	9	18	277
falling to same level	15	24	16	17	21	15	20	15	14	11	18	14	11	22	20	22	23	29	23	28	25	12	16	16	447
crash	14	21	37	7	7	15	14	10	23	12	7	14	5	2	22	13	9	26	20	17	23	5	14	18	355
struck by flying or falling object	2	1	10	11	6	8	9	5	7	3	3	2	3	12	3	10	8	5	5	11	9	1	4	7	145
collapse	3			2	2	1	3	1	2	1	1	1	1			2	3	2		1	1				27
crashed by	14	21	9	10	10	10	3	8	7	12	1	18	10	7	5	48	48	7	10	13	13	3	9	16	312
caught in/between	11	8	9	9	5	10	8	11	17	5	5	8	8	7	11	7	10	7	14	11	20	5	6	9	221
cut	2	3	1	3	3	6	2	2	3	1			1			2	1	1	3	2	1	3	2		42
injury to the sole of the foot						1		1																	2
drown																									
contact to high/low-	4	3	1	3	3	8	2	1	5	6		3	2	6	4	4	6	4	17	6	7			1	96

temperature																									
contact to harmful substance				1	1	3	1	1			2	1	6	3	15	9	11	9	16	13	2	4		10	108
electric shock	1					1																			2
explosion																									
burst				1							1														2
fire																									
traffic accident (public road)	4	1	8	5	5	14	12	8	14	7	13	8	8	8	6	8	11	25	7	24	5	2		3	206
traffic accident (others)	1	3	7	52	35	61	58	39	78	40	16	15	2			7	3	1	5	3	1	6	1	3	437
reaction to motion/improper motion	42	51	44	55	45	54	55	60	51	41	41	35	37	101	63	64	43	93	108	99	81	42	26	72	1,403
others	1	12	2	5	10	3	24	21	50	39	38	30	13	18	3	3	5	7	4	4	18	3	23	10	346
unclassifiable			7	20	16	29	13	1	2					4				1			1		3		97
total	124	158	163	222	181	248	235	205	285	184	154	159	116	202	161	211	194	226	246	251	213	91	113	183	4,525

Causal agents (large) of fatal and non-fatal accidents in airline service in 1999-2022

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
machine				1	1	1	2	2	1						1	1	2							1	13

crane, conveying machine	40	58	72	106	78	144	126	117	169	102	96	95	62	98	67	89	103	106	91	123	109	31	45	59	2,186
other equipment	15	36	24	29	20	25	25	13	27	20	19	16	9	25	11	28	23	17	29	41	16	7	14	22	511
temporary buildings, establishments	15	14	10	17	19	11	18	25	21	14	14	17	4	19	21	30	25	31	30	19	39	19	17	29	478
substance, material	3	1	2	3	1	1	1	3	5	3			2	5		2	1	2	3	2	1	1	1	1	44
load	12	17	13	23	10	10	16	17	27	15	5	13	18	22	17	24	17	20	41	23	22	15	10	27	434
environment	5	15	9	9	8	4	9	13	26	12	3	1	12	16	17	10	12	29	29	22	12	2	2	17	294
others	34	17	33	34	44	52	38	15	9	18	17	17	9	17	27	27	11	21	23	21	14	16	24	27	565
total	124	158	163	222	181	248	235	205	285	184	154	159	116	202	161	211	194	226	246	251	213	91	113	183	4,525

Causal agents (middle) of fatal and non-fatal accidents in airline service in 1999-2022

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	2022	total
engine																	1								1
power transmission mechanism																									
woodworking machine																									

construction machine					1	1	1	1	1															1	6
metal manufacturing machine				1																					1
general machine							1	1							1	1	1								5
mobile silviculture machine																									
crane	2												1	1				1							5
conveying machine	7	8	8	11	2	8	2	5	3		5	3	5	3	3	2	2	5	9	5	12	1	8	1	118
vehicle	31	50	64	95	76	136	124	112	166	102	91	92	56	94	64	87	101	100	82	118	97	30	37	58	2,063
pressure vessel						1																			1
chemical facilities																									
welding equipment													1												1
kiln, caldron															1	1	2		1						5
electric equipment				1										1						1		1			4
human power machine, tools	6	6	4	8	8	12	15	7	9	7	1	3	4	3	3	8	5	5	4	12	4	4	2	3	143
tools	4	11	11	7	4	6	9	3	8	5	7	8	3	6	2	13	10	4	8	13	4	1	6	5	158
other equipments,																									

facilities	5	19	9	13	8	6	1	3	10	8	11	5	1	15	5	6	6	8	16	15	8	1	6	14	199
temporary buildings, establishments	15	14	10	17	19	11	18	25	21	14	14	17	4	19	21	30	25	31	30	19	39	19	17	29	478
hazards, harmful substances	1			1			1	1	4	2			1						3	1				1	16
materials	2	1	2	2	1	1		2	1	1			1	5		2	1	2		1	1	1	1		28
load	12	17	13	23	10	10	16	17	27	15	5	13	18	22	17	24	17	20	41	23	22	15	10	27	434
natural environment	5	15	9	9	8	4	9	13	26	12	3	1	12	16	17	10	12	29	29	22	12	2	2	17	294
other causal agent	12	7	8	6	13	25	10	7	2	4	11	11	5	2	8	10	2	9	5	7	1		19		184
no causal agent	21	6	17	21	24	24	20	7	5	14	6	5	4	9	17	17	9	12	17	14	12	16	5	26	328
unclassifiable	1	4	8	7	7	3	8	1	2			1		6	2				1		1			1	53
total	124	158	163	222	181	248	235	205	285	184	154	159	116	202	161	211	194	226	246	251	213	91	113	183	4,525

Causal agents (small) of fatal and non-fatal accidents in airline service in 1999-2022

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	2022	total
engine																	1								1
power transmission mechanism																									

circular sawing machine																									
band sawing machine																									
wood planer machine																									
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																									
other woodworking machines																									
leveling, transporting or loading machine																									
excavating machine																									
foundation work machine																									
hardening machine																									

demolition machine																									
vehicle for high lift work					1			1	1															1	4
other construction machines							1																		1
lathe																									
drill press, milling machine																									
grinding machine, buffing machine																									
power press																									
forging pressure hammer																									
shearing machine																									
other metal manufacturing machines																									
centrifugal machine																									
mixer, grinder																									
roll machine (except printingroll machine)																									

injection molding machine																									
food manufacturing machine															1	1									2
printing machine																									
industrial robot																									
other general power machines							1	1									1								3
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane																									
mobile crane																									
derrick crane																									
elevator, lift													1	1				1							3
cargo lifting appliance																									
gondola																									

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																									
truck			2					3					2	2	1			3	5		3				21
forklift			1						1		1	1				1			2			1			8
railway equipment																									
conveyor			2					1	1		1			1	2				1		1		2		12
loader																		1		1	1				3
straddle carrier																									
rough terrain hauler																									
other powered conveying machines			3		2		2	1	1		3	2	3			1	2	1	1	4	7		6	1	40
cars, bus, motorcycle			9		9		14	10	17	9	16	15	7	10	10	16	14	26	12	32	7	2	2	6	243
railway vehicle																				1					1
other vehicles			55		67		110	102	149	93	75	77	49	84	54	71	87	74	70	85	90	28	35	52	1,507
boiler																									

pressure vessel																									
other pressure vessels																									
chemical facilities																									
gas welding equipment													1												1
arc welding equipment																									
other welding equipment																									
kiln, caldron															1	1	2								4
industrial dryer																									
other kiln, caldron																			1						1
transmission														1											1
electric power facilities																									
other electrical equipment																				1		1			2
human power cranes																									
human power hauling equipment			1		6		13	7	9	7	1	3	4	2	3	8	5	5	4	12	4	3	2	3	102

human power machine			1		1		1																		3
hand tool			2		1		1							1								1			6
ladder			4		3		3		2	4	2	2		4	1	4	1		4	7	2		3	3	49
slinging tool										1															1
other tools			7		1		6	3	6		5	6	3	2	1	9	9	4	4	6	2	1	3	2	80
other equipment, facilities			9		8		1	3	10	8	11	5	1	15	5	6	6	8	16	15	8	1	6	14	156
scaffolding					1				1	1							1								4
timbering																									
stairs, landing stage			3		6		4	10	3	7	7	7	1	4	6	8	8	8	9	3	3	4	3	8	112
opening					2																				2
roof, beam, haze, crossbeam, principal rafter																									
working platform, boot board			1		1		1	2			2	1		2	3	1	3	1	7	1	5	1		2	34
passage			3		6		9	9	11	5	3	5	1	8	11	14	6	11	7	11	7	2	9	14	152
building, establishment			1				3	1	3		1	3		2		2	4	3	3	1	1	1	3	1	33
other temporary buildings,			2		3		1	3	3	1	1	1	2	3	1	5	3	8	4	3	23	11	2	4	84

establishments																									
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance																									
radiation																									
other hazards, harmful substances							1	1	4	2			1						3	1				1	14
metal material									1	1			1	2				1							6
lumber, bamboo																									
stone, sand, substance																1									1
other materials			2		1			2						3		1	1	1		1	1	1	1		15
load			13		10		16	15	27	15	5	13	18	21	17	24	17	19	40	23	22	14	10	27	366
machine/equipment as load								2						1				1	1			1			6
natural ground, rock			1		1		1	2					2		1			1		1	1		1		12
standing tree			1				1						1			1									4
water								1																	1
abnormal																									

environment			1				1	9	11	1	1	1	6	14	16	6	10	21	22	21	1		1	8	151
high/cold temperature environment													1				2	1	3		2			2	11
other environments			6		7		6	1	15	11	2		2	2		3		6	4		8	2		7	82
other causal agent			8		13		10	7	2	4	11	11	5	2	8	10	2	9	5	7	1		19		134
no causal agent			17		24		20	7	5	14	6	5	4	9	17	17	9	12	17	14	12	16	5	26	256
unclassifiable			8		7		8	1	2			1		6	2				1		1			1	38
total	124	158	163	222	181	248	235	205	285	184	154	159	116	202	161	211	194	226	246	251	213	91	113	183	4,525

Workers age of fatal and non-fatal accidents in airline service in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less		2	1	1				1			1					2	1		3			1		1	14
20-29	62	74	64	82	79	81	82	68	70	52	38	51	25	50	50	66	71	91	98	116	97	33	59	75	1,634
30-39	28	36	44	78	56	99	91	84	126	76	55	58	64	82	61	59	50	55	63	51	47	22	24	41	1,450
40-49	21	28	36	40	27	41	32	22	53	34	37	32	18	50	34	59	43	44	39	49	40	15	10	28	832
50-59	13	16	17	18	18	27	29	26	34	21	21	14	9	16	15	22	23	32	35	24	22	16	16	30	514
60 years old or more		2	1	3	1		1	4	2	1	2	4		4	1	3	6	4	8	11	7	4	4	8	81
total	124	158	163	222	181	248	235	205	285	184	154	159	116	202	161	211	194	226	246	251	213	91	113	183	4,525

Workers' number of workplace of fatal and non-fatal accidents in airline service in 1999-2022

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	2022	total
9 workers or less	4	1	2	3	12	6	2	5	4	1		5	2	4	1	5	2	4	10	5	3	2	2	11	96
10-29	2	3	5	11	1	5	4	4	2	3	4	5	5	3	2	4	3		3	3	2	1	5	2	82
30-49	1		5	3	1	4	2	3	2	1	1	1	4	1	3	1	7	7	8	1	2		3	4	65
50-99	7	8	1	8	4	5	5	5	6	1	6	7	7	6		3	6	7	11	9	9	1	2	5	129
100-299	18	21	25	25	29	28	17	17	28	13	18	16	9	15	10	16	11	12	20	10	16	6	13	14	407
300 workers or more	92	125	125	172	134	200	205	171	243	165	125	125	89	173	145	182	165	196	194	223	181	81	88	147	3,746
total	124	158	163	222	181	248	235	205	285	184	154	159	116	202	161	211	194	226	246	251	213	91	113	183	4,525

Month of fatal and non-fatal accidents in airline service in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January	8	11	21	17	16	11	19	18	26	15	16	15	6	17	13	16	18	10	16	20	22	22	11	9	373
February	8	14	12	6	17	14	21	24	25	11	11	12	11	16	15	22	12	19	17	23	15	15	5	5	350
March	11	22	16	17	17	31	16	26	24	5	15	11	14	8	15	17	25	17	22	17	23	10	7	17	403
April	10	7	18	11	17	10	16	14	51	13	11	7	3	16	9	16	12	15	17	22	10	5	9	16	335
May	10	16	14	18	19	23	32	11	20	24	14	17	7	15	13	25	19	26	16	20	25	1	7	9	401
June	12	10	23	5	13	18	31	16	26	15	16	11	15	19	10	9	19	17	11	24	18	2	5	24	369

July	10	8	9	18	14	25	11	12	32	18	13	11	12	22	19	22	16	12	27	26	23	7	14	21	402
August	7	18	16	20	14	24	26	13	25	18	11	13	7	22	20	9	16	24	38	24	17	4	20	12	418
September	11	18	2	18	12	22	13	21	14	8	16	15	11	28	8	27	21	27	26	21	18	5	7	22	391
October	10	13	19	30	17	32	14	23	16	17	10	15	11	14	15	16	16	19	25	15	10	9	9	16	391
November	10	12	7	26	5	20	23	21	15	25	8	13	11	17	12	15	15	22	12	16	14	6	9	13	347
December	17	9	6	36	20	18	13	6	11	15	13	19	8	8	12	17	5	18	19	23	18	5	10	19	345
total	124	158	163	222	181	248	235	205	285	184	154	159	116	202	161	211	194	226	246	251	213	91	113	183	4,525

Prefecture of fatal and non-fatal accidents in airline service in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido	3				2		3	1	3	1	4	3	2	8	4	6	6	7	13	9	12	6			93
Aomori								1									1							1	3
Iwate																						1			1
Miyagi	1		1				1				1							1	5	1			2	2	15
Akita										2															2
Yamagata																2									2
Fukushima																									
Ibaraki																								1	1
Tochigi												1						1	1						3
Gunma																				2					2

Saitama		7	3					2				2		1	1				1				1		18
Chiba	50	83	81		82		114	90	115	69	52	44	25	42	39	52	45	64	46	49	33	12	8	24	1,219
Tokyo	37	31	41		58		84	63	87	68	56	71	57	121	92	121	108	122	126	147	120	54	63	94	1,821
Kanagawa																1									1
Niigata												1			1					1					3
Toyama																								1	1
Ishikawa																									
Fukui																									
Yamanashi													1										1		2
Nagano					1			1											1				1		4
Gifu			1		1																				2
Shizuoka													1				2		1		1		1	1	7
Aichi	4	1	3		2		1	3			2	2		1	3	1	5	3	10	5	6		2	2	56
Mie			4								1		1	1											7
Shiga			1										1												2
Kyoto																									
Osaka	13	24	19		18		14	26	56	24	16	12	11	11	6	11	10	13	18	15	21	6	22	31	397
Hyogo												1					1	1		1				1	5
Nara	1				1		3	2	1			1	1	1		1					1		1	2	16
Wakayama												1													1
Tottori							1														1				2

Shimane	1																								1
Okayama			2				1	4	1	1				1		1			2						13
Hiroshima	1															2						1			4
Yamaguchi														1										1	2
Tokushima																									
Kagawa												1	1	1											3
Ehime			1																						1
Kochi										1															1
Fukuoka	8	3	2		10		5	3	4	4	3	7	4	7	3	6	4	3	8	7	12	2	7	7	119
Saga							1							1			3		2		1				8
Nagasaki			1								1		1		1							1		1	6
Kumamoto	1				1																				2
Oita	1								1															1	3
Miyazaki		1			2		3	1		1					1					1	1				11
Kagoshima	1	5	2		3		2	5	3		2	3	1	1	6	1	3	3	7	7	3	4	3	3	68
Okinawa	2	3	1				2	3	14	13	16	9	9	4	4	6	6	8	5	6	1	4	1	10	127
total	124	158	163	222	181	248	235	205	285	184	154	159	116	202	161	211	194	226	246	251	213	91	113	183	4,525

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

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

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html

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Fatal accidents in airline service in Japan in 1999-2022

airline service industry Code No.040103

Type of fatal accidents in airline service in 1999-2022

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	2022	total
fall from height	1	1		1													1	1							5
falling to same level																									
crash																									
struck by flying or falling object																									
collapse																									
crashed by					1														1						2
caught in/between					1																				1
cut																									
injury to the sole of the foot																									

drown																									
contact to high/low-temperature																									
contact to harmful substance																									
electric shock																									
explosion																									
burst																									
fire																									
traffic accident (public road)	1																								1
traffic accident (others)	1	2	5	1	2	8			5	2		5	1				2		5	2					41
reaction to motion/improper motion																									
others	1																								1
unclassifiable																									
total	4	3	5	2	4	8			5	2		5	1				3	1	6	2					51

Causal agents (large) of fatal accidents in airline service in 1999-2022

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
machine																									
crane, conveying machine	3	2	5	2	4	8			5	2		5	1				2		6	2					47
other equipment		1																							1
temporary buildings, establishments																	1								1
substance, material																									
load																									
environment																		1							1
others	1																								1
total	4	3	5	2	4	8			5	2		5	1				3	1	6	2					51

Causal agents (middle) of fatal accidents in airline service in 1999-2022

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	2022	total
engine																									
power transmission mechanism																									

woodworking machine																									
construction machine																									
metal manufacturing machine																									
general machine																									
mobile silviculture machine																									
crane																									
conveying machine	1	2		1	1																				5
vehicle	2		5	1	3	8			5	2		5	1				2		6	2					42
pressure vessel																									
chemical facilities																									
welding equipment																									
kiln, caldron																									
electric equipment																									
human power machine, tools																									
tools		1																							1
other equipments,																									

facilities																									
temporary buildings, establishments																	1								1
hazards, harmful substances																									
materials																									
load																									
natural environment																		1							1
other causal agent																									
no causal agent	1																								1
unclassifiable																									
total	4	3	5	2	4	8			5	2		5	1				3	1	6	2					51

Causal agents (small) of fatal accidents in airline service in 1999-2022

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	2022	total
engine																									
power transmission mechanism																									

circular sawing machine																									
band sawing machine																									
wood planer machine																									
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																									
other woodworking machines																									
leveling, transporting or loading machine																									
excavating machine																									
foundation work machine																									
hardening machine																									

demolition machine																									
vehicle for high lift work																									
other construction machines																									
lathe																									
drill press, milling machine																									
grinding machine, buffing machine																									
power press																									
forging pressure hammer																									
shearing machine																									
other metal manufacturing machines																									
centrifugal machine																									
mixer, grinder																									
roll machine (except printingroll machine)																									

injection molding machine																									
food manufacturing machine																									
printing machine																									
industrial robot																									
other general power machines																									
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane																									
mobile crane																									
derrick crane																									
elevator, lift																									
cargo lifting appliance																									
gondola																									

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																									
truck																									
forklift																									
railway equipment																									
conveyor																									
loader				1																					1
straddle carrier																									
rough terrain hauler																									
other powered conveying machines	1	2			1																				4
cars, bus, motorcycle	1																								1
railway vehicle																									
other vehicles	1		5	1	3	8			5	2		5	1				2		6	2					41
boiler																									

pressure vessel																									
other pressure vessels																									
chemical facilities																									
gas welding equipment																									
arc welding equipment																									
other welding equipment																									
kiln, caldron																									
industrial dryer																									
other kiln, caldron																									
transmission																									
electric power facilities																									
other electrical equipment																									
human power cranes																									
human power hauling equipment																									

human power machine																									
hand tool																									
ladder																									
slinging tool																									
other tools		1																							1
other equipment, facilities																									
scaffolding																									
timbering																									
stairs, landing stage																									
opening																									
roof, beam, haze, crossbeam, principal rafter																									
working platform, boot board																	1								1
passage																									
building, establishment																									
other temporary buildings,																									

establishments																									
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance																									
radiation																									
other hazards, harmful substances																									
metal material																									
lumber, bamboo																									
stone, sand, substance																									
other materials																									
load																									
machine/equipment as load																									
natural ground, rock																		1							1
standing tree																									
water																									
abnormal																									

environment																									
high/cold temperature environment																									
other environments																									
other causal agent																									
no causal agent	1																								1
unclassifiable																									
total	4	3	5	2	4	8			5	2		5	1				3	1	6	2					51

Workers age of fatal accidents in airline service in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less																									
20-29	1					1													2						4
30-39			3	1		3						2							1						10
40-49	1	2		1	2	2			2	1		2	1				1								15
50-59	2		2		2	2			1	1		1					2	1	2	1					17
60 years old or more		1							2										1	1					5
total	4	3	5	2	4	8			5	2		5	1				3	1	6	2					51

Workers' number of workplace of fatal accidents in airline service in 1999-2022

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	2022	total
9 workers or less			1		2	2			2	2									1	2					12
10-29	1				1	4			2										1						9
30-49				1		2			1								2								6
50-99		1	1									3	1						3						9
100-299		2		1	1							1					1								6
300 workers or more	3		3									1						1	1						9
total	4	3	5	2	4	8			5	2		5	1				3	1	6	2					51

Month of fatal accidents in airline service in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January						2																			2
February																	1								1
March	1	1	1		2	2											2								9
April					1				1																2
May	1		3																						4
June						1			1										1						3

July	1			2						2		3						1							9
August			1																	2					3
September		2										2													4
October	1				1				1				1												4
November									2										4						6
December						3													1						4
total	4	3	5	2	4	8			5	2		5	1				3	1	6	2					51

Prefecture of fatal accidents in airline service in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido					1																				1
Aomori																									
Iwate																									
Miyagi																									
Akita										2															2
Yamagata																									
Fukushima																									
Ibaraki																									
Tochigi																									
Gunma																				2					2

Saitama		3				1						2													6
Chiba				1													1								2
Tokyo	2				2	2			1			1	1				1	1	3						14
Kanagawa																									
Niigata																									
Toyama																									
Ishikawa																									
Fukui																									
Yamanashi																									
Nagano						2													1						3
Gifu																									
Shizuoka																									
Aichi			3		1							1					1								6
Mie																									
Shiga																									
Kyoto																									
Osaka	1		1	1					3			1							1						8
Hyogo																									
Nara									1																1
Wakayama																									
Tottori																									

Shimane																									
Okayama			1																						1
Hiroshima																									
Yamaguchi																									
Tokushima																									
Kagawa																									
Ehime																									
Kochi																									
Fukuoka																									
Saga						3																			3
Nagasaki																									
Kumamoto																									
Oita	1																								1
Miyazaki																									
Kagoshima																			1						1
Okinawa																									
total	4	3	5	2	4	8			5	2		5	1				3	1	6	2					51

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

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html