

Fatal and non-fatal accidents in financial business/advertisement in Japan in 1999-2021

financial business/advertisement industry Code No.09

Type of accidents in financial business/advertisement 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	total	Type of accidents
fall from height	188	178	204	191	223	235	185	193	207	227	222	198	209	196	184	168	196	200	233	175	192	180	196	4,580	fall from height
falling to same level	416	420	438	433	410	382	398	429	415	423	445	437	459	479	422	460	458	456	470	531	460	437	473	10,151	falling to same level
crash	28	54	54	34	39	47	34	43	38	46	32	36	33	40	33	23	30	33	49	36	46	34	40	882	crash
struck by flying or falling object	14	10	17	10	16	16	10	10	8	14	7	12	14	11	8	6	6	5	16	13	10	4	9	246	struck by flying or falling object
collapse	1	6	6	7	6	6		5	10	5	2	3	4	4	4	2	2	4	6	4	7	3	3	100	collapse
crashed by	27	24	25	21	25	31	32	26	19	23	24	19	22	22	11	24	24	24	28	16	17	13	20	517	crashed by
caught in/between	17	31	32	27	17	21	25	21	21	29	19	23	21	14	17	12	14	13	17	17	18	14	13	453	caught in/between
cut	19	15	18	17	13	13	13	8	9	5	7	14	10	15	9	10	3	11	6	3	10	7	11	246	cut
injury to the sole of the foot	1	1		2	1			3	1	1					1	1	1	2	1	1				17	injury to the sole of the foot
drown	1			1					1				22											25	drown
contact to high/low-temperature	9	2	4	6	1	5	1	4	3	1	3	4	2	4	6	4	3	3	4	11	3	2	5	90	contact to high/low-temperature
contact to harmful	2		3	1			1	1		1				1	1	1	1	1			3	1	2	21	contact to harmful

substance																										substance
electric shock			1												1			1		1					4	electric shock
explosion		1									2	1							2		2				8	explosion
burst															1	1									2	burst
fire		1	9			1	3																		14	fire
traffic accident (public road)	783	849	778	761	763	674	626	661	661	552	566	593	577	538	488	449	435	488	456	370	355	300	327	13,050	traffic accident (public road)	
traffic accident (others)	10	5	1	3	3	1	1	4	2	3	4	4	5	2	5	1	1	5	2	3	7		3	75	traffic accident (others)	
reaction to motion/improper motion	92	97	82	72	99	91	94	97	101	130	94	90	108	111	114	101	83	109	115	112	141	127	125	2,385	reaction to motion/improper motion	
others	5	11	11	6	7	11	8	8	8	8	15	9	23	12	31	12	10	7	12	8	4	60	174	460	others	
unclassifiable	10	5	12	5	5	8	3	4	5	4	4	3	1	5	4	1	3	5	2	2	5	1		97	unclassifiable	
total	1,623	1,710	1,695	1,597	1,628	1,542	1,434	1,517	1,509	1,472	1,446	1,446	1,510	1,454	1,339	1,277	1,270	1,366	1,419	1,304	1,279	1,185	1,401	33,423	total	

Causal agents (large) of fatal and non-fatal accidents in financial business/advertisement in 1999-2021

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	total	Causal (L) agents
machine	18	10	17	11	12	13	8	7	6	5	5	10	4	11	8	9	4	7	4	3	7	8	2	189	machine
crane, conveying machine	856	918	840	821	804	726	677	697	705	598	616	638	593	560	518	482	457	495	480	387	390	314	349	13,921	crane, conveying machine
other equipment	112	131	145	134	141	145	134	154	142	145	139	132	159	141	123	113	127	138	159	143	159	124	157	3,197	other

																									equipment
temporary buildings, establishments	461	471	498	466	508	492	463	491	518	544	535	511	543	541	492	498	538	559	592	586	544	536	557	11,944	temporary buildings, establishments
substance, material	16	15	24	10	9	9	13	18	10	8	8	11	10	11	9	11	8	5	9	8	10	5	7	244	substance, material
load	20	25	19	17	16	23	24	18	27	35	32	21	18	22	20	21	21	21	23	20	35	30	21	529	load
environment	29	47	44	42	47	43	34	37	25	25	26	30	74	41	47	52	37	39	42	60	24	20	35	900	environment
others	111	93	108	96	91	91	81	95	76	112	85	93	109	127	122	91	78	102	110	97	110	148	273	2,499	others
total	1,623	1,710	1,695	1,597	1,628	1,542	1,434	1,517	1,509	1,472	1,446	1,446	1,510	1,454	1,339	1,277	1,270	1,366	1,419	1,304	1,279	1,185	1,401	33,423	total

Causal agents (middle) of fatal and non-fatal accidents in financial business/advertisement 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	total	Causal (M) agents	
engine	1			1				1																	3	engine
power transmission mechanism							1				1														2	power transmission mechanism
woodworking machine	5	2	5	2	2	3	1	1	1	1		4	1	4	2	3		5	1		1	3		47	woodworking machine	
construction machine		1			1			1			1	1		1	1	1					1	2		11	construction machine	
metal manufacturing machine		1	1	2	2	1	1		2	1			1			1	1						1	1	16	metal manufacturing machine

general machine	12	6	11	6	7	9	5	4	3	3	3	5	2	6	5	4	3	2	3	3	5	2	1	110	general machine	
mobile silviculture machine																										mobile silviculture machine
crane	1		6	5	5	3	6	1	3	3	2	6	4	2	4		3	2	2	1	1	2	1	63	crane	
conveying machine	49	58	49	57	39	36	50	49	25	29	35	29	27	20	28	22	27	15	30	14	20	19	21	748	conveying machine	
vehicle	806	860	785	759	760	687	621	647	677	566	579	603	562	538	486	460	427	478	448	372	369	293	327	13,110	vehicle	
pressure vessel		1									1					1								3	pressure vessel	
chemical facilities																										chemical facilities
welding equipment	1	1																				2		4	welding equipment	
kiln, caldron			1								1													2	kiln, caldron	
electric equipment	8	6	9	1	4	3	4	6	1	7	4	2	4	4	3	4	2	3	6	5	2	2	7	97	electric equipment	
human power machine, tools	59	64	72	76	67	78	72	83	60	74	73	64	79	71	57	48	53	72	74	61	58	48	59	1,522	human power machine, tools	
tools	25	43	37	40	54	45	44	46	57	43	44	52	52	46	38	46	48	42	53	55	74	50	60	1,094	tools	
other equipments, facilities	19	16	26	17	16	19	14	19	24	21	16	14	24	20	25	14	24	21	26	22	25	22	31	475	other equipments, facilities	
temporary buildings, establishments	461	471	498	466	508	492	463	491	518	544	535	511	543	541	492	498	538	559	592	586	544	536	557	11,944	temporary buildings, establishments	

hazards, harmful substances	2		13	1				3	2	1	3	2		1	2	3			2	3	1	2	2	43	hazards, harmful substances
materials	14	15	11	9	9	9	13	15	8	7	5	9	10	10	7	8	8	5	7	5	9	3	5	201	materials
load	20	25	19	17	16	23	24	18	27	35	32	21	18	22	20	21	21	21	23	20	35	30	21	529	load
natural environment	29	47	44	42	47	43	34	37	25	25	26	30	74	41	47	52	37	39	42	60	24	20	35	900	natural environment
other causal agent	36	37	38	36	27	30	17	29	20	34	26	25	30	22	37	21	20	33	31	27	27	78	189	870	other causal agent
no causal agent	60	48	59	54	56	50	57	59	51	64	54	64	76	92	80	68	55	65	78	67	79	70	84	1,490	no causal agent
unclassifiable	15	8	11	6	8	11	7	7	5	14	5	4	3	13	5	2	3	4	1	3	4			139	unclassifiable
total	1,623	1,710	1,695	1,597	1,628	1,542	1,434	1,517	1,509	1,472	1,446	1,446	1,510	1,454	1,339	1,277	1,270	1,366	1,419	1,304	1,279	1,185	1,401	33,423	total

Causal agents (small) of fatal and non-fatal accidents in financial business/advertisement 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	total	Causal (S) agents	
engine								1																1	engine	
power transmission mechanism							1				1													2	power transmission mechanism	
circular sawing machine			3		2		1	1	1			3	1	2	1	3		3					1	22	circular sawing machine	
band sawing machine																										band sawing machine
wood planer machine										1														1	wood planer machine	

machine																								machine
other mobile silviculture machine																								other mobile silviculture machine
crane				1		1					1				2	1	1						7	crane
mobile crane			2	2										1	1								6	mobile crane
derrick crane								1			1												2	derrick crane
elevator, lift			3	1		5	1	2	3	2	3	4	2	1			1	1	1	1	2	1	34	elevator, lift
cargo lifting appliance																								cargo lifting appliance
gondola																								gondola
lumberyard equipment, logging cableway					1																		1	lumberyard equipment, logging cableway
simple skyline yarding equipment																								simple skyline yarding equipment
other powered crane			1								1			2									4	other powered crane
truck			41	38		47	40	23	24	31	26	25	16	27	16	26	14	26	9	16	19	16	480	truck
forklift			2	1		1	5	2	3	1	2	2	4	1	3	1	1	4	3	3		4	43	forklift
railway equipment															1				1				2	railway equipment
conveyor			4				2		2		1				1				1	1			12	conveyor
loader																								loader
straddle carrier																								straddle carrier
rough terrain hauler																								rough terrain hauler
other powered			2			2	2			3					1							1	11	other powered

conveying machines																									conveying machines
cars, bus, motorcycle			759		738		601	636	659	553	564	587	546	523	474	446	419	473	443	361	364	287	322	9,755	cars, bus, motorcycle
railway vehicle			1			3	1	1	1	1	1	2	1	2	3			1	4	1	2			25	railway vehicle
other vehicles			25		22		17	10	17	12	14	15	14	14	10	11	8	5	4	7	4	4	5	218	other vehicles
boiler																									boiler
pressure vessel																									pressure vessel
other pressure vessels											1					1								2	other pressure vessels
chemical facilities																									chemical facilities
gas welding equipment																						2		2	gas welding equipment
arc welding equipment																									arc welding equipment
other welding equipment																									other welding equipment
kiln, caldron											1													1	kiln, caldron
industrial dryer																									industrial dryer
other kiln, caldron			1																					1	other kiln, caldron
transmission			8		2		3	4	1	7	2	1	4	4	3	3	2	3	4	5	2	2	7	67	transmission
electric power facilities					1														1					2	electric power facilities
other electrical equipment			1		1		1	2			2	1				1			1					10	other electrical equipment
human power					1					1					1						1		2	6	human power

cranes																									cranes
human power hauling equipment			66		63		68	80	55	72	68	59	77	66	51	46	53	70	68	60	52	47	51	1,172	human power hauling equipment
human power machine											1			1	1	1			1		1		1	7	human power machine
hand tool			6		3		4	3	5	1	4	5	2	4	4	1		2	5	1	4	1	5	60	hand tool
ladder			21		28		25	14	21	17	24	27	29	25	24	22	25	16	25	28	38	22	26	457	ladder
slinging tool							1						1											2	slinging tool
other tools			16		26		19	31	36	26	20	25	22	21	14	24	23	26	28	27	36	28	34	482	other tools
other equipment, facilities			26		16		14	19	24	21	16	14	24	20	25	14	24	21	26	22	25	22	31	404	other equipment, facilities
scaffolding					4		2		2	1		1	3	3	3		2	1	2				1	25	scaffolding
timbering																									timbering
stairs, landing stage			204		221		201	219	239	242	226	215	216	216	204	211	223	209	256	205	205	203	220	4,135	stairs, landing stage
opening			3		2		3	1	1	1		3	1	1	1		1		2		3	1	1	25	opening
roof, beam, haze, crossbeam, principal rafter			4		1		1	2	2	1		1	4	1	3			4						24	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			19		18		9	16	15	24	22	25	23	20	17	14	21	27	16	24	22	21	14	367	working platform, boot board
passage			175		171		160	168	183	177	204	181	208	201	180	193	195	219	213	269	220	231	233	3,781	passage
building, establishment			54		46		45	43	40	60	53	49	61	60	55	45	44	44	58	54	52	41	49	953	building, establishment
other temporary buildings, establishments			39		45		42	42	36	38	30	36	27	39	29	35	52	55	45	34	42	39	39	744	other temporary buildings, establishments

explosive substance								1			1											2	explosive substance		
inflammable substance			9				1	1														11	inflammable substance		
inflammable gas										1			1					2		2		6	inflammable gas		
harmful substance			2				1					1		1			1		1		1	8	harmful substance		
radiation																							radiation		
other hazards, harmful substances			2				1		1	2	1			1	2			1	1			1	13	other hazards, harmful substances	
metal material			6		3		6	4	4	4		2	5	1	3	3	1	2	4			2	50	metal material	
lumber, bamboo			1		2		2	1	1	2	2		1				1			1		1	15	lumber, bamboo	
stone, sand, substance			1		1		3	2	1		3		2	2	2	1	2			1	4	2	1	28	stone, sand, substance
other materials			3		3		4	7	2	2		5	3	6	2	4	5	2	3	4	4	1	1	61	other materials
load			17		14		21	18	27	33	31	17	15	21	19	19	21	21	23	20	33	29	20	419	load
machine/equipment as load			2		2		3			2	1	4	3	1	1	2					2	1	1	25	machine/equipment as load
natural ground, rock			6		3		1	6	3		1	2	3	4	1	2	4	1	5	2	5	2	4	55	natural ground, rock
standing tree					2		1	1			2		1	1		1	2	2	1	1	1			16	standing tree
water			1		3		1	5	3	5	5	1	33	1	4	4	2		1	2			4	75	water
abnormal environment			1		1				1				2		1	1	1			1				9	abnormal environment
high/cold temperature environment			5		2		2	1		1	1	2	4	3	7	3	2		3	9	1	1	5	52	high/cold temperature environment

other environments			31		36		29	24	18	19	17	25	31	32	34	41	26	36	32	45	17	17	22	532	other environments
other causal agent			38		27		17	29	20	34	26	25	30	22	37	21	20	33	31	27	27	78	189	731	other causal agent
no causal agent			59		56		57	59	51	64	54	64	76	92	80	68	55	65	78	67	79	70	84	1,278	no causal agent
unclassifiable			11		8		7	7	5	14	5	4	3	13	5	2	3	4	1	3	4			99	unclassifiable
total			1,695		1,628		1,434	1,517	1,509	1,472	1,446	1,446	1,510	1,454	1,339	1,277	1,270	1,366	1,419	1,304	1,279	1,185	1,401	26,951	total

Workers age of fatal and non-fatal accidents in financial business/advertisement 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	total	Age
19 years old or less	2	7	4	3	4	1	9	9	2	3	6	1	1	5	4	1	1		2	4	1		8	78	19 years old or less
20-29	300	284	309	238	236	232	202	203	182	171	199	198	191	154	205	147	165	175	172	179	140	140	195	4,617	20-29
30-39	331	388	352	334	375	352	311	319	317	305	303	281	277	234	214	193	178	196	240	146	175	145	199	6,165	30-39
40-49	330	360	355	371	346	340	330	335	359	331	373	358	387	389	348	306	295	315	296	246	242	216	234	7,462	40-49
50-59	488	524	520	475	509	471	418	486	481	491	371	378	414	405	370	386	385	416	444	391	411	394	449	10,077	50-59
60 years old or more	172	147	155	176	158	146	164	165	168	171	194	230	240	267	198	244	246	264	265	338	310	290	316	5,024	60 years old or more
total	1,623	1,710	1,695	1,597	1,628	1,542	1,434	1,517	1,509	1,472	1,446	1,446	1,510	1,454	1,339	1,277	1,270	1,366	1,419	1,304	1,279	1,185	1,401	33,423	total

Workers' number of workplace of fatal and non-fatal accidents in financial business/advertisement 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	total	Workers scale
9 workers or less	160	163	148	156	164	173	136	126	122	144	138	128	137	143	118	128	81	112	126	129	133	123	132	3,120	9 workers or less
10-29	346	400	419	382	427	370	387	406	353	383	387	362	369	337	304	298	272	329	343	324	310	336	351	8,195	10-29
30-49	154	173	178	215	217	221	193	223	225	236	206	219	220	234	193	161	191	194	250	208	238	206	247	4,802	30-49

load						1																	1	load	
natural environment			1										33								1			35	natural environment
other causal agent	1	1							1												1	1	2	7	other causal agent
no causal agent				1			1	2			1			4	1	1	2	1		1				15	no causal agent
unclassifiable			1			1					1										1			4	unclassifiable
total	21	10	17	16	11	12	10	8	4	7	5	8	41	10	6	2	5	8	4	4	4	4	3	220	total

Causal agents (small) of fatal accidents in financial business/advertisement 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	total	Causal (S) agents	
engine																										engine
power transmission mechanism																										power transmission mechanism
circular sawing machine																										circular sawing machine
band sawing machine																										band sawing machine
wood planer machine																										wood planer machine
hollow chisel mortiser, wood borer																										hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																										chamfering machine, router, woodworking

other hazards, harmful substances																									other hazards, harmful substances	
metal material																									metal material	
lumber, bamboo																									lumber, bamboo	
stone, sand, substance																									stone, sand, substance	
other materials																									other materials	
load						1																	1		load	
machine/equipment as load																									machine/equipment as load	
natural ground, rock																									natural ground, rock	
standing tree			1																				1		standing tree	
water													33										33		water	
abnormal environment																									abnormal environment	
high/cold temperature environment																				1				1	high/cold temperature environment	
other environments																									other environments	
other causal agent	1	1							1												1	1	2	7	other causal agent	
no causal agent				1			1	2			1			4	1	1	2	1		1				15	no causal agent	
unclassifiable			1			1					1										1			4	unclassifiable	
total	21	10	17	16	11	12	10	8	4	7	5	8	41	10	6	2	5	8	4	4	4	4	4	3	220	total

January	3	1	1		1	1	1	1		1		1		3	1									15	January	
February	3	1			1	1	2	1			1		1		1			1	1						14	February
March	1	1	1		2	1	3		1	1		1	35	1		1	1								50	March
April	3	1		1	1	2		1	1	1			1					1					1		14	April
May			7	2		1	1	1		1			1				2	1						1	18	May
June	1	1		3		4	2				1	1	1	2	1					1					18	June
July	1	1	1	1		1		1	1		1			1	1	1		1	1	2	2	1	1		19	July
August	4		2	4	1				1		1	2	1					1							17	August
September	4		2			1		2		1	1							1	1						13	September
October		1	2	1	2			1		2		1				2	1	1				1			16	October
November				3			1						1	2	2			2			2	1	1		15	November
December	1	3	1	1	3					1		1													11	December
total	21	10	17	16	11	12	10	8	4	7	5	8	41	10	6	2	5	8	4	4	4	4	4	3	220	total

Prefecture of fatal accidents in financial business/advertisement 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	total	Prefecture	
Hokkaido	1			4	2	2						1						1					1	12	Hokkaido	
Aomori	1		5						1																7	Aomori
Iwate	1		1		1				1				11												15	Iwate
Miyagi													19					2							21	Miyagi
Akita	1			2	1																				4	Akita
Yamagata								1																	1	Yamagata
Fukushima									1			1	3			1					1				7	Fukushima
Ibaraki	1							1				1	1				1							1	6	Ibaraki

Okayama	1	1							1				1										4	Okayama	
Hiroshima		1	2	1			1				1			1				1					8	Hiroshima	
Yamaguchi														1				1					2	Yamaguchi	
Tokushima																						1	1	Tokushima	
Kagawa						1																	1	Kagawa	
Ehime		1																					1	Ehime	
Kochi								1													1		2	Kochi	
Fukuoka												2		1	1								4	Fukuoka	
Saga																								Saga	
Nagasaki																								Nagasaki	
Kumamoto							1							1									2	Kumamoto	
Oita	2	1												1							1		5	Oita	
Miyazaki																		1					1	Miyazaki	
Kagoshima		1					1														1		3	Kagoshima	
Okinawa						1																	1	Okinawa	
total	21	10	17	16	11	12	10	8	4	7	5	8	41	10	6	2	5	8	4	4	4	4	3	220	total

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

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