

Fatal and non-fatal accidents in dispatch service in Japan in 1999-2021

dispatch service industry Code No.1701

Type of accidents in dispatch service 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	20	23	27	34	30	42	23	38	28	24	25	19	29	31	33	25	35	30	30	29	42	48	34	699	fall from height
falling to same level	33	40	50	48	56	43	30	26	36	36	29	34	41	55	55	42	42	44	72	74	63	71	63	1,083	falling to same level
crash	4	10	10	16	12	13	10	15	5	14	6	1	11	8	12	7	13	15	14	16	13	23	11	259	crash
struck by flying or falling object	4	8	8	11	17	28	5	13	10	9	4	4	3	7	6	9	8	8	6	16	14	7	7	212	struck by flying or falling object
collapse	1	2	2	6	3	4	4	4	5	7		3	6	3	3	3	3	2	7	6	4	1	3	82	collapse
crashed by	2	4	4	3	9	10	6	7	6	8	6	7	7	10	8	8	8	10	10	7	14	5	14	173	crashed by
caught in/between	12	21	19	25	33	52	25	21	38	31	11	20	19	22	20	17	10	17	37	29	23	26	16	544	caught in/between
cut	5	12	7	16	18	21	8	10	11	11	2	4	9	12	9	6	4	8	5	5	7	6	3	199	cut
injury to the sole of the foot			1											1		1			1					4	injury to the sole of the foot
drown													1											1	drown
contact to high/low-temperature	4	2	6	3	4	10	1	2	3	4	6	2	7	3	3	1	2	2	2	5	2	5	3	82	contact to high/low-temperature

engine								1														1	engine	
power transmission mechanism								1		1													3	power transmission mechanism
circular sawing machine				1		1	1	1					1	2								1	10	circular sawing machine
band sawing machine																								band sawing machine
wood planer machine																								wood planer machine
hollow chisel mortiser, wood borer								1															1	hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																								chamfering machine, router, woodworking milling machine
chain saw																	1					1	2	chain saw
other woodworking machines			1		2		2	1															6	other woodworking machines
leveling, transporting or loading machine												1		1									2	leveling, transporting or loading machine
excavating machine			2							1			1	1				1	1		1		8	excavating machine
foundation work machine																								foundation work machine

machine				1																		1	machine	
food manufacturing machine			3	5		3	1	4	3		3	1	3		2		2	1	1		2	1	35	food manufacturing machine
printing machine			1										1	1		1		1					5	printing machine
industrial robot																								industrial robot
other general power machines			1	4		5	5	7	4	2	3	4	4	4	1	4		11	3	6	7	2	77	other general power machines
felling machine																								felling machine
mobile logging machine																								mobile logging machine
skyline yarding machine																								skyline yarding machine
other mobile silviculture machine																								other mobile silviculture machine
crane			1				1	2		2	1		1	2			1	1				1	13	crane
mobile crane			1			1																	2	mobile crane
derrick crane																								derrick crane
elevator, lift				1		2																	3	elevator, lift
cargo lifting appliance						1																	1	cargo lifting appliance
gondola											1												1	gondola
lumberyard equipment, logging cableway																								lumberyard equipment, logging cableway

facilities			8		5		1	9	7	7	5	5	3	6	10		9	7	15	6	7	6	4	120	facilities
scaffolding							1										1					2		4	scaffolding
timbering																									timbering
stairs, landing stage			19		26		18	20	22	19	12	12	18	19	27	17	20	19	21	20	22	31	25	387	stairs, landing stage
opening					1						1				1						1	1		5	opening
roof, beam, haze, crossbeam, principal rafter			1										3				1				1			6	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			2		6		5	3		6	6	2	2	11	7	6	2	1	9	13	8	3	7	99	working platform, boot board
passage			20		25		7	18	13	17	18	13	16	19	21	19	21	29	34	32	26	35	34	417	passage
building, establishment			7		4		6	3	5	7	4	5	13	11	13	9	7	6	7	8	7	6	10	138	building, establishment
other temporary buildings, establishments			7		5		4	5	2	7	3		3	5	2	5	3	6	7	3	4	3	6	80	other temporary buildings, establishments
explosive substance																									explosive substance
inflammable substance			1								1										1			3	inflammable substance
inflammable gas																									inflammable gas
harmful substance					2		2	2					1			1	1		1					10	harmful substance
radiation																									radiation
other hazards, harmful substances					1		1		2	1			1	1	1	1	1		1			2		13	other hazards, harmful substances

metal material			6		10		3	4	7	8	6	2	2	5	3	8	2	5	9	7	5	5	3	100	metal material
lumber, bamboo			1		1			1	3	1	1	3	5	1			1		6	1	1	2		28	lumber, bamboo
stone, sand, substance																1		1						2	stone, sand, substance
other materials			3		2		2	1	2	2	1		2	1	3	1	3	3		1	2	2		31	other materials
load			10		19		7	14	18	18	9	10	22	15	22	15	16	19	15	30	27	15	25	326	load
machine/equipment as load					5					3	1	1	2	1	2	1	1	1			4	2		24	machine/equipment as load
natural ground, rock			1		2				1			1		1			1				1	2	1	11	natural ground, rock
standing tree											1					1				1		2		5	standing tree
water					1				1				3	1	2		1			1	1	1		12	water
abnormal environment																									abnormal environment
high/cold temperature environment			1		1				1		1	1	4	2	1	1				3	1	4	4	25	high/cold temperature environment
other environments			4		7		2	3	2	4	1	1	4	2	3	5		2	3	5	5	3	7	63	other environments
other causal agent			12		8		5	6	5	8	2	3	9		3	6	12		4	3	10	22	49	167	other causal agent
no causal agent			6		10		3	13	7	11	12	9	11	13	12	10	5	11	14	24	30	17	33	251	no causal agent
unclassifiable							1			3	1				2				2	1	2	1		13	unclassifiable
total			165		239		139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	3,955	total

Workers age of fatal and non-fatal accidents in dispatch service 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	4	5	1	5	6	7	2	4	2	8	1	3	5	4	4	2	2	4	2	2	5	2	5	85	19 years old or less
20-29	32	40	53	65	69	74	40	49	41	61	20	20	28	28	25	32	32	33	40	38	34	41	34	929	20-29
30-39	23	35	35	54	60	75	40	44	61	67	46	37	48	50	61	32	37	41	53	54	44	33	46	1,076	30-39
40-49	19	21	27	34	37	50	24	37	39	36	34	30	51	58	47	32	49	48	73	62	48	57	66	979	40-49
50-59	18	32	33	35	34	42	18	34	39	45	22	19	40	57	32	38	32	52	53	56	64	70	73	938	50-59
60 years old or more	14	16	16	16	33	14	15	21	19	16	19	22	29	42	40	26	36	34	32	46	62	57	53	678	60 years old or more
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	4,685	total

Workers' number of workplace of fatal and non-fatal accidents in dispatch service 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	21	34	38	60	63	74	27	42	41	33	26	27	37	23	29	20	30	19	26	25	28	18	18	759	9 workers or less
10-29	14	26	30	32	52	48	22	18	34	32	28	28	31	40	28	30	37	38	30	30	36	16	31	711	10-29
30-49	13	24	16	20	33	31	16	27	22	29	15	16	29	15	27	30	25	32	31	30	36	35	31	583	30-49
50-99	12	16	21	24	34	29	19	19	30	44	17	18	36	65	33	19	21	30	44	33	30	56	36	686	50-99
100-299	18	32	37	44	26	50	27	51	36	46	38	21	37	60	48	37	39	58	55	68	58	57	82	1,025	100-299
300 workers or more	32	17	23	29	31	30	28	32	38	49	18	21	31	36	44	26	36	35	67	72	69	78	79	921	300 workers or more
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	4,685	total

Month of fatal and non-fatal accidents in dispatch service 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	total	Month
January	8	9	24	16	16	20	17	12	25	24	28	6	11	32	14	21	12	12	20	32	20	24	21	424	January
February	6	11	3	19	14	24	8	14	16	22	14	9	7	24	13	19	8	16	20	16	29	18	16	346	February
March	8	12	11	20	14	18	9	22	20	21	7	15	16	11	19	18	20	19	27	10	19	23	25	384	March
April	10	11	12	26	12	18	10	13	13	16	11	12	22	9	20	15	17	17	17	24	16	14	15	350	April
May	9	15	19	20	17	23	10	13	12	19	8	7	11	11	17	8	16	13	21	23	19	16	19	346	May
June	6	11	12	24	23	29	14	17	23	22	13	11	19	7	17	4	10	21	16	23	25	24	40	411	June
July	11	15	12	19	25	23	16	18	20	20	9	11	23	18	18	17	19	20	25	26	20	24	23	432	July
August	11	14	18	14	26	24	16	20	17	24	7	11	20	19	13	12	17	20	20	16	18	25	36	418	August
September	7	7	16	13	24	23	13	14	16	15	15	7	18	16	18	13	20	22	24	25	25	29	21	401	September
October	10	17	17	8	24	21	7	19	11	20	16	20	17	53	27	11	10	9	21	20	21	23	15	417	October
November	13	12	9	19	22	27	7	14	12	15	5	11	12	24	14	10	23	22	19	24	20	17	23	374	November
December	11	15	12	11	22	12	12	13	16	15	9	11	25	15	19	14	16	21	23	19	25	23	23	382	December
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	4,685	total

Prefecture of fatal and non-fatal accidents in dispatch service 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	3	6	10		20		8	16	14	20	10	3	19	43	10	10	10	15	9	10	11	10	8	265	Hokkaido
Aomori					1		2		2	1	4				1	1							2	14	Aomori
Iwate							1	1		1			3	2		1		1		3	1		2	16	Iwate

Miyagi	4	2	4		3			1	1	1		2	2	2	5	3	1		1	6	4	5	8	55	Miyagi
Akita					1		1	1						1		1					2	1		8	Akita
Yamagata							2		3	1		1	3			2				2	1	2	1	18	Yamagata
Fukushima	1	4	1		4		2	1	4	5	2	5	3	4	6	3	3	3	1	2	2	5	7	68	Fukushima
Ibaraki	2	2	3		13		1		3	5	3	4	2	3	1	2	4	5	3	3	4	8		71	Ibaraki
Tochigi	2	3	2		1		1	1	1	4	1	1	1	1	4	1			2	4	2	2	1	35	Tochigi
Gunma	4	2	2		3		5	3	5	4	3	3	3	4	3	5	2	3	9	2	9	4	2	80	Gunma
Saitama	1	6	9		7		10	12	13	10	10	5	12	10	16	5	17	13	14	19	14	14	13	230	Saitama
Chiba	3	4	9		18		12	12	13	12	6	6	10	14	9	4	8	16	13	14	16	14	18	231	Chiba
Tokyo	31	35	32		46		15	39	24	23	12	14	31	38	46	27	27	30	44	60	59	45	70	748	Tokyo
Kanagawa	3	3	5		8		10	6	6	5	5	6	4	11	8	5	5	9	2	13	11	17	6	148	Kanagawa
Niigata		2	3				2	2	1	1	1	2	1		2	1	1	1	2	1	1	1	1	26	Niigata
Toyama		1			1		3	1		1	5		2	1	1	1	1		3	2	1	3		27	Toyama
Ishikawa	1	1			1			1		2	1	1		1		3	2	2	3	3	4	2	3	31	Ishikawa
Fukui	1	2	1		3				2				1		1		1			1	1	1		15	Fukui
Yamanashi			1		5			2					2		2	1	1	2	3	1	1	2	2	25	Yamanashi
Nagano	3	7	3		3			1	2	3						2			1	1		2	3	31	Nagano
Gifu	3	4	5				2	4	5	4	2	4	1	3	2	1	6	5	2	5	2	8	4	72	Gifu
Shizuoka	7	5	5		8			4	9	33	10	1	12	9	5	2	4	11	16	6	5	8	7	167	Shizuoka
Aichi	7	15	20		16		13	19	18	24	24	30	29	27	22	18	19	23	32	24	27	30	31	468	Aichi
Mie	1		1				3	6	7	3	1	3	4	3	4	2	4	1	7	7	7	5		69	Mie
Shiga	1				1		1	2	7	1	3	4	2	4	4	6	2		5	3	6	1	3	56	Shiga
Kyoto	3	5	7		2			3	5	3	4	2	5	2	2		2	4	5	2	3	2	3	64	Kyoto

Osaka	11	9	11		22		15	17	24	35	10	12	16	24	12	14	29	30	34	29	27	24	35	440	Osaka
Hyogo	1	4	2		5		4	1	3	3	4		7	4	9	5	8	10	9	6	3	8	5	101	Hyogo
Nara		1	1		1		3	3	2	2	2			1	2			1	2	2	2	1	1	27	Nara
Wakayama	1	4			1				1		1		1		2						1		1	13	Wakayama
Tottori								4	2														2	8	Tottori
Shimane		1	1					1		1									2		1			7	Shimane
Okayama		1	5		4			1	1	2	3		1	1	5		2	2	1	2	3	5	3	42	Okayama
Hiroshima	3	4	1		2		3	2	6	2	4	2		3	2	7	7	3	5	9	6	8	7	86	Hiroshima
Yamaguchi			2					3	1	2		1	1	1		1				1		1	2	16	Yamaguchi
Tokushima					5		2			1	1				2	2	2	2	2	1		2	1	23	Tokushima
Kagawa			2					3			1	1	1		2			2		2	3		1	18	Kagawa
Ehime		1	2		4				1	4			1				2	2	1				5	23	Ehime
Kochi	3							1		1			1	1		1			1					9	Kochi
Fukuoka	5	8	7		18		9	7	9	5	3	11	10	14	14	14	11	5	4	9	11	7	12	193	Fukuoka
Saga							2	1	2			1		1		2	1		1					11	Saga
Nagasaki	1		1		1		1		1		1		2	1						1	2	1		13	Nagasaki
Kumamoto	3		3		2		4			1	2	1	7	1	2	2	2	1	9	1	1	5	4	51	Kumamoto
Oita	1	2	1		2				1					1	1				1	1		1		12	Oita
Miyazaki		1	1		6			2		2			1	1		3	1	2	1		1			22	Miyazaki
Kagoshima		1	1		1		1	2				4		1	1			6	2		2	1	1	24	Kagoshima
Okinawa		3	1				1	3	2	5	3	1		1	1	4	3	2	1			4	2	37	Okinawa
total	110	149	165		239		139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	4,214	total

injury to the sole of the foot																								injury to the sole of the foot		
drown												2											2	drown		
contact to high/low-temperature														1		1						1		3	contact to high/low-temperature	
contact to harmful substance							1	1	1														1		4	contact to harmful substance
electric shock																									electric shock	
explosion																									explosion	
burst																									burst	
fire																									fire	
traffic accident (public road)				1	1	2		3	2	2			1	3			5	1	1				2		24	traffic accident (public road)
traffic accident (others)							1																		1	traffic accident (others)
reaction to motion/improper motion																										reaction to motion/improper motion
others															1								2	2	5	others
unclassifiable																										unclassifiable
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	59	total	

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

inflammable gas																										inflammable gas					
harmful substance								1																			1	harmful substance			
radiation																											radiation				
other hazards, harmful substances																											other hazards, harmful substances				
metal material								1																			1	2	metal material		
lumber, bamboo																											lumber, bamboo				
stone, sand, substance																											stone, sand, substance				
other materials																											other materials				
load																											load				
machine/equipment as load																											machine/equipment as load				
natural ground, rock																											natural ground, rock				
standing tree																											standing tree				
water																											2	2	water		
abnormal environment																											1	1	2	abnormal environment	
high/cold temperature environment																											1	1	1	3	high/cold temperature environment
other environments																											other environments				
other causal agent																											1	2	2	5	other causal agent

no causal agent																									no causal agent
unclassifiable																									unclassifiable
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	59	total

Workers age of fatal accidents in dispatch service 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							1	1					1							1				4	19 years old or less
20-29		1			1	2		3	3								1							11	20-29
30-39						1	1	1	1	1			2				2					2		11	30-39
40-49					1		2	1		1						1		2						8	40-49
50-59		1		1			1		1					3			2			1		1		11	50-59
60 years old or more						1	2	1							1	1	1		2			2	3	14	60 years old or more
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	59	total

Workers' number of workplace of fatal accidents in dispatch service 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		2		1	1	2	4	2					1					1	1	1				16	9 workers or less
10-29					1	1										1	2						1	6	10-29
30-49							1	3	1				1			1				1		1	1	10	30-49
50-99						1				1			1		1		1						1	6	50-99

100-299							1	2	3	1					3			1	1	1			2		15	100-299
300 workers or more							1		1									2					2		6	300 workers or more
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	59	total	

Month of fatal accidents in dispatch service 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	total	Month
January		1							1													1		3	January
February										1						1	1		1	1				5	February
March						1	1	1					2									1		6	March
April							1	1		1							1	1				1	1	7	April
May																							2	2	May
June				1		2	1		2								1							7	June
July							1						1				1							3	July
August								3						3	1				1			1		9	August
September								1								1	1							3	September
October					1				1												1			3	October
November					1				1								1	1						4	November
December		1				1	3	1															1	7	December
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	59	total

Prefecture of fatal accidents in dispatch service in 1999-2021

Miyazaki																										Miyazaki	
Kagoshima																											Kagoshima
Okinawa																											Okinawa
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2			5	3	59	total	

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

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