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

dispatch service industry Code No.170101

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

contact to harmful substance				1	1	3	1	1	2		1			2	2	1	1	1		1		2	2	22	contact to harmful substance
electric shock						2				1														3	electric shock
explosion																					1			1	explosion
burst	1																							1	burst
fire																									fire
traffic accident (public road)	10	9	11	15	17	12	11	25	29	55	20	18	37	59	25	14	43	41	30	26	19	21	22	569	traffic accident (public road)
traffic accident (others)				1	1		2	1					1	1	1				1				1	10	traffic accident (others)
reaction to motion/improper motion	12	15	12	27	34	19	11	21	27	32	30	17	22	24	27	26	16	33	35	41	49	30	55	615	reaction to motion/improper motion
others		3	8	3	4	2	1	5	1	1	2	1	8	1	4	2	3	1	3	3	5	15	43	119	others
unclassifiable	2					1	1					1			1						1			7	unclassifiable
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

Causal agents (large) of fatal and non-fatal accidents in dispatch service 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	9	15	13	24	25	40	19	13	20	14	3	12	9	16	7	6	6	10	20	8	9	10	9	317	machine
crane, conveying																									crane,

machine	17	19	27	37	41	40	36	49	53	76	30	32	45	83	43	27	56	57	45	44	39	42	36	974	conveying machine
other equipment	16	23	24	32	37	45	21	31	38	27	27	24	31	28	35	22	29	38	57	51	50	47	28	761	other equipment
temporary buildings, establishments	43	57	56	71	67	64	40	50	42	56	44	32	52	68	70	57	53	63	78	76	69	81	82	1,371	temporary buildings, establishments
substance, material	1	9	11	13	16	26	5	9	14	13	10	5	9	9	7	11	8	11	15	11	9	11	3	236	substance, material
load	6	11	10	10	24	21	7	14	18	21	10	11	24	16	24	16	17	20	15	30	31	17	25	398	load
environment	2	5	6	2	11	9	2	4	4	4	3	3	11	6	6	7	2	2	3	10	8	12	12	134	environment
others	16	10	18	20	18	17	9	19	12	22	15	12	20	13	17	16	17	11	20	28	42	40	82	494	others
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

Causal agents (middle) of fatal and non-fatal accidents in dispatch service 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															2	engine
power transmission mechanism		1				2		1		1									1					6	power transmission mechanism
woodworking machine	1		1	2	3	4	4	1	2				1	2				2	1				2	26	woodworking machine

construction machine	1		3	1		1				1		1	1	3		1		1	1		1			16	construction machine
metal manufacturing machine	5	1	3	8	9	9	7	4	5	5	1	4	1	3	2	2		5	4	3	2	1	3	87	metal manufacturing machine
general machine	2	13	6	12	13	24	8	7	12	7	2	7	6	8	5	3	6	2	13	5	6	9	4	180	general machine
mobile silviculture machine																									mobile silviculture machine
crane			2	1	1	2	4	1	2		2	2		1	2			1	1			1	1	24	crane
conveying machine	4	8	13	21	20	22	17	17	21	14	7	10	8	16	15	9	11	13	13	18	17	18	10	322	conveying machine
vehicle	13	11	12	15	20	16	15	31	30	62	21	20	37	66	26	18	45	43	31	26	22	23	25	628	vehicle
pressure vessel	2										1													3	pressure vessel
chemical facilities					1																			1	chemical facilities
welding equipment	1	1	1						1		1			2	1			1	1		1			11	welding equipment
kiln, caldron		1							2															3	kiln, caldron
electric equipment			1	1		2	1				1		1		1	1	1			1				11	electric equipment
human power machine, tools	3	12	5	15	15	15	10	14	11	9	8	6	10	12	11	12	10	14	19	22	15	21	12	281	human power machine, tools

tools	6	3	9	13	16	17	9	8	17	11	11	13	17	8	12	9	9	16	22	22	27	20	12	307	tools
other equipments, facilities	4	6	8	3	5	11	1	9	7	7	5	5	3	6	10		9	7	15	6	7	6	4	144	other equipments, facilities
temporary buildings, establishments	43	57	56	71	67	64	40	50	42	56	44	32	52	68	70	57	53	63	78	76	69	81	82	1,371	temporary buildings, establishments
hazards, harmful substances			1	1	3	5		3	2	2	2			2	1	1	2	2		2	1	2		32	hazards, harmful substances
materials	1	9	10	12	13	21	5	6	12	11	8	5	9	7	6	10	6	9	15	9	8	9	3	204	materials
load	6	11	10	10	24	21	7	14	18	21	10	11	24	16	24	16	17	20	15	30	31	17	25	398	load
natural environment	2	5	6	2	11	9	2	4	4	4	3	3	11	6	6	7	2	2	3	10	8	12	12	134	natural environment
other causal agent	5	5	12	2	8	5	5	6	5	8	2	3	9		3	6	12		4	3	10	22	49	184	other causal agent
no causal agent	8	4	6	17	10	10	3	13	7	11	12	9	11	13	12	10	5	11	14	24	30	17	33	290	no causal agent
unclassifiable	3	1		1		2	1			3	1				2				2	1	2	1		20	unclassifiable
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

Causal agents (small) of fatal and non-fatal accidents in dispatch service 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									1					3	power transmission mechanism
circular sawing machine					1		1	1	1				1	2				1	1				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

hardening machine																									hardening machine
demolition machine																									demolition machine
vehicle for high lift work																									vehicle for high lift work
other construction machines			1											1		1								3	other construction machines
lathe									3				1	1				1						6	lathe
drill press, milling machine					1		1		1	3		1		1				1						9	drill press, milling machine
grinding machine, buffing machine					1		1									1		2		1			1	7	grinding machine, buffing machine
power press			1		1		3	2		1		1				1		1	1	2	1			15	power press
forging pressure hammer																									forging pressure hammer
shearing machine																					1			1	shearing machine
other metal manufacturing machines			2		6		2	2	1	1	1	2		1	2				3			1	2	26	other metal manufacturing machines
centrifugal machine								1	1														1	3	centrifugal machine
mixer, grinder												1												1	mixer, grinder
roll machine (except printingroll machine)			1		3								1				1			1				7	roll machine (except printingroll machine)
injection molding																									injection molding

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

simple skyline yarding equipment																									simple skyline yarding equipment
other powered crane																						1		1	other powered crane
truck			8		5		4	8	10	8	4	6	4	7	7	4	6	7	8	8	11	10	7	132	truck
forklift			4		7		5	6	5	5	1	3	1	7	5	3	2	4	5	10	5	5	2	85	forklift
railway equipment							1																	1	railway equipment
conveyor			1		6		5	2	5	1	2	1	2	2	3		2	1			1	3		37	conveyor
loader							1									1								2	loader
straddle carrier																									straddle carrier
rough terrain hauler																									rough terrain hauler
other powered conveying machines					2		1	1	1				1			1	1	1					1	10	other powered conveying machines
cars, bus, motorcycle			12		18		13	30	30	60	19	17	37	65	26	17	44	43	30	26	22	22	25	556	cars, bus, motorcycle
railway vehicle					1		2												1					4	railway vehicle
other vehicles					1			1		2	2	3		1		1	1					1		13	other vehicles
boiler																									boiler
pressure vessel																									pressure vessel
other pressure vessels											1													1	other pressure vessels
chemical facilities					1																			1	chemical facilities
gas welding																									gas welding

equipment																									equipment
arc welding equipment			1								1				1				1		1			5	arc welding equipment
other welding equipment									1					2				1						4	other welding equipment
kiln, caldron									2															2	kiln, caldron
industrial dryer																									industrial dryer
other kiln, caldron																									other kiln, caldron
transmission													1			1	1							3	transmission
electric power facilities																									electric power facilities
other electrical equipment			1				1				1				1					1				5	other electrical equipment
human power cranes																	1				1	1	1	4	human power cranes
human power hauling equipment			3		9		5	8	6	7	7	5	6	8	6	8	8	13	16	18	12	16	10	171	human power hauling equipment
human power machine					1		1																	2	human power machine
hand tool			2		5		4	6	5	2	1	1	4	4	5	4	1	1	3	4	2	4	1	59	hand tool
ladder			3		7		3	4	11	2	5	7	9	2	5	2	8	10	4	7	11	13	5	118	ladder
slinging tool									1		1													2	slinging tool
other tools			6		9		6	4	5	9	5	6	8	6	7	7	1	6	18	15	16	7	7	148	other tools
other equipment,																									other equipment,

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

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. 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.htm (MHLW, Japan)

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Fatal accidents in dispatch service in Japan in 1999-2021

dispatch service industry Code No.170101

Type of fatal 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						1	1	1	1															4	fall from height
falling to same level																									falling to same level
crash					1			1																2	crash
struck by flying or falling object							1	1															1	3	struck by flying or falling object
collapse						1										1								2	collapse
crashed by																									crashed by
caught in/between		2					3		1									1		2				9	caught in/between
cut																									cut

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

Causal agents (large) of fatal accidents in dispatch service 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		1					2		1									1						5	machine
crane, conveying machine		1		1	2	4	2	5	3	2			1	3			5	1	1	2		2	1	36	crane, conveying machine
other equipment							1																	1	other equipment
temporary buildings, establishments							1	1																2	temporary buildings, establishments
substance, material							1		1							1								3	substance, material
load																									load
environment								1					2		1		1		1			1		7	environment
others																1						2	2	5	others
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	59	total

Causal agents (middle) of fatal accidents in dispatch service 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																										engine
power transmission mechanism																		1						1	power transmission mechanism
woodworking machine																										woodworking machine
construction machine							1																	1	construction machine
metal manufacturing machine																										metal manufacturing machine
general machine		1					1		1															3	general machine
mobile silviculture machine																										mobile silviculture machine
crane								1															1	2	crane
conveying machine		1			1	2	1		1									1		2				9	conveying machine
vehicle				1	1	2	1	4	2	2			1	3			5		1			2		25	vehicle
pressure vessel																									pressure vessel
chemical facilities																									chemical facilities
welding equipment																									welding equipment

kiln, caldron																									kiln, caldron
electric equipment																									electric equipment
human power machine, tools																									human power machine, tools
tools																									tools
other equipments, facilities							1																	1	other equipments, facilities
temporary buildings, establishments							1	1																2	temporary buildings, establishments
hazards, harmful substances									1															1	hazards, harmful substances
materials							1									1								2	materials
load																									load
natural environment								1					2		1		1		1			1		7	natural environment
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

Causal agents (small) of fatal accidents in dispatch service 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																		1						1	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 milling machine
chain saw																									chain saw
other woodworking machines																									other woodworking machines

leveling, transporting or loading machine																									leveling, transporting or loading machine
excavating machine							1																	1	excavating machine
foundation work machine																									foundation work machine
hardening machine																									hardening machine
demolition machine																									demolition machine
vehicle for high lift work																									vehicle for high lift work
other construction machines																									other construction machines
lathe																									lathe
drill press, milling machine																									drill press, milling machine
grinding machine, buffing machine																									grinding machine, buffing machine
power press																									power press
forging pressure hammer																									forging pressure hammer
shearing machine																									shearing machine
other metal manufacturing machines																									other metal manufacturing machines

centrifugal machine																									centrifugal machine
mixer, grinder																									mixer, grinder
roll machine (except printingroll machine)																									roll machine (except printingroll machine)
injection molding machine		1					1																	2	injection molding machine
food manufacturing machine																									food manufacturing machine
printing machine																									printing machine
industrial robot																									industrial robot
other general power machines									1															1	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	crane
mobile crane								1																1	mobile crane
derrick crane																									derrick crane
elevator, lift																									elevator, lift

cargo lifting appliance																										cargo lifting appliance
gondola																										gondola
lumberyard equipment, logging cableway																										lumberyard equipment, logging cableway
simple skyline yarding equipment																										simple skyline yarding equipment
other powered crane																										other powered crane
truck						1													1		1				3	truck
forklift					1	1	1		1																4	forklift
railway equipment																										railway equipment
conveyor		1																							1	conveyor
loader																										loader
straddle carrier																										straddle carrier
rough terrain hauler																										rough terrain hauler
other powered conveying machines																					1				1	other powered conveying machines
cars, bus, motorcycle				1	1	2		4	2	2			1	3			5		1			2		24	cars, bus, motorcycle
railway vehicle							1																		1	railway vehicle
other vehicles																										other vehicles
boiler																										boiler

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

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

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			1	3										5	Hokkaido
Aomori																									Aomori
Iwate																									Iwate
Miyagi										1			2											3	Miyagi
Akita																									Akita
Yamagata							1																	1	Yamagata
Fukushima						1													1					2	Fukushima
Ibaraki				1	1																			2	Ibaraki
Tochigi							1										1							2	Tochigi
Gunma																									Gunma
Saitama								1	1								1					1	1	5	Saitama
Chiba								1	1															2	Chiba
Tokyo							1											1					1	3	Tokyo
Kanagawa																									Kanagawa
Niigata																									Niigata
Toyama																									Toyama
Ishikawa																				1		1		2	Ishikawa
Fukui																									Fukui
Yamanashi																									Yamanashi
Nagano																									Nagano
Gifu		1																				1	1	3	Gifu

Shizuoka						1																		1	Shizuoka
Aichi									2						1		1	1				1		6	Aichi
Mie																	1		1					2	Mie
Shiga									1															1	Shiga
Kyoto																									Kyoto
Osaka		1					1																	2	Osaka
Hyogo							1															1		2	Hyogo
Nara																									Nara
Wakayama																									Wakayama
Tottori								2																2	Tottori
Shimane																									Shimane
Okayama						1	1																	2	Okayama
Hiroshima						1										1	2							4	Hiroshima
Yamaguchi																									Yamaguchi
Tokushima								1																1	Tokushima
Kagawa																									Kagawa
Ehime								1																1	Ehime
Kochi																									Kochi
Fukuoka					1			1								1								3	Fukuoka
Saga							1																	1	Saga
Nagasaki																									Nagasaki
Kumamoto																				1				1	Kumamoto
Oita																									Oita

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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