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

dispatch service industry Code No.1701

Type of accidents in dispatch 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	20	23	27	34	30	42	23	38	28	24	25	19	29	31	33	25	35	30	30	29	42	48	34	38	737
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	89	1,172
crash	4	10	10	16	12	13	10	15	5	14	6	1	11	8	12	7	13	15	14	16	13	23	11	16	275
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	9	221
collapse	1	2	2	6	3	4	4	4	5	7		3	6	3	3	3	3	2	7	6	4	1	3	5	87
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	10	183
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	12	556
cut	5	12	7	16	18	21	8	10	11	11	2	4	9	12	9	6	4	8	5	5	7	6	3	3	202
injury to the sole of the foot			1											1		1			1						4
drown													1												1
contact to high/low-	4	2	6	3	4	10	1	2	3	4	6	2	7	3	3	1	2	2	2	5	2	5	3	6	88

temperature																									
contact to harmful substance				1	1	3	1	1	2		1			2	2	1	1	1		1		2	2	1	23
electric shock						2				1															3
explosion																					1				1
burst	1																								1
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	25	594
traffic accident (others)				1	1		2	1					1	1	1				1				1		10
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	51	666
others		3	8	3	4	2	1	5	1	1	2	1	8	1	4	2	3	1	3	3	5	15	43	4	123
unclassifiable	2					1	1					1			1						1				7
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954

Causal agents (large) of fatal and non-fatal accidents in dispatch 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	9	15	13	24	25	40	19	13	20	14	3	12	9	16	7	6	6	10	20	8	9	10	9	4	321

crane, conveying machine	17	19	27	37	41	40	36	49	53	76	30	32	45	83	43	27	56	57	45	44	39	42	36	42	1,016
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	54	815
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	99	1,470
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	4	240
load	6	11	10	10	24	21	7	14	18	21	10	11	24	16	24	16	17	20	15	30	31	17	25	19	417
environment	2	5	6	2	11	9	2	4	4	4	3	3	11	6	6	7	2	2	3	10	8	12	12	11	145
others	16	10	18	20	18	17	9	19	12	22	15	12	20	13	17	16	17	11	20	28	42	40	82	36	530
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954

Causal agents (middle) of fatal and non-fatal accidents in dispatch 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																2
power transmission mechanism		1				2		1		1									1						6
woodworking machine	1		1	2	3	4	4	1	2				1	2				2	1				2	1	27

construction machine	1		3	1		1				1		1	1	3		1		1	1		1			1	17
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	1	88
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	1	181
mobile silviculture machine																									
crane			2	1	1	2	4	1	2		2	2		1	2			1	1			1	1	3	27
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	14	336
vehicle	13	11	12	15	20	16	15	31	30	62	21	20	37	66	26	18	45	43	31	26	22	23	25	25	653
pressure vessel	2										1														3
chemical facilities					1																				1
welding equipment	1	1	1						1		1			2	1			1	1		1			1	12
kiln, caldron		1							2															1	4
electric equipment			1	1		2	1				1		1		1	1	1			1				1	12
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	16	297
tools	6	3	9	13	16	17	9	8	17	11	11	13	17	8	12	9	9	16	22	22	27	20	12	25	332
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	10	154
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	99	1,470
hazards, harmful substances			1	1	3	5		3	2	2	2			2	1	1	2	2		2	1	2		1	33
materials	1	9	10	12	13	21	5	6	12	11	8	5	9	7	6	10	6	9	15	9	8	9	3	3	207
load	6	11	10	10	24	21	7	14	18	21	10	11	24	16	24	16	17	20	15	30	31	17	25	19	417
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	11	145
other causal agent	5	5	12	2	8	5	5	6	5	8	2	3	9		3	6	12		4	3	10	22	49	10	194
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	25	315
unclassifiable	3	1		1		2	1			3	1				2				2	1	2	1		1	21
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954

Causal agents (small) of fatal and non-fatal accidents in dispatch 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								1		1									1						3

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

demolition machine																									
vehicle for high lift work																								1	1
other construction machines			1											1		1									3
lathe									3				1	1				1							6
drill press, milling machine					1		1		1	3		1		1				1							9
grinding machine, buffing machine					1		1									1		2		1			1	1	8
power press			1		1		3	2		1		1				1		1	1	2	1				15
forging pressure hammer																									
shearing machine																					1				1
other metal manufacturing machines			2		6		2	2	1	1	1	2		1	2				3			1	2		26
centrifugal machine								1	1														1		3
mixer, grinder												1													1
roll machine (except printingroll machine)			1		3								1				1			1					7

injection molding machine					1																				1
food manufacturing machine			3		5		3	1	4	3		3	1	3		2		2	1	1		2	1	1	36
printing machine			1											1	1		1		1						5
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
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane			1					1	2		2	1		1	2			1	1				1	1	14
mobile crane			1				1																		2
derrick crane																									
elevator, lift					1		2																	1	4
cargo lifting appliance							1																		1
gondola												1													1

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																						1		1	2
truck			8		5		4	8	10	8	4	6	4	7	7	4	6	7	8	8	11	10	7	8	140
forklift			4		7		5	6	5	5	1	3	1	7	5	3	2	4	5	10	5	5	2	3	88
railway equipment							1																		1
conveyor			1		6		5	2	5	1	2	1	2	2	3		2	1			1	3		3	40
loader							1									1									2
straddle carrier																									
rough terrain hauler																									
other powered conveying machines					2		1	1	1				1			1	1	1					1		10
cars, bus, motorcycle			12		18		13	30	30	60	19	17	37	65	26	17	44	43	30	26	22	22	25	25	581
railway vehicle					1		2												1						4
other vehicles					1			1		2	2	3		1		1	1					1			13
boiler																									

pressure vessel																									
other pressure vessels											1														1
chemical facilities					1																				1
gas welding equipment																									
arc welding equipment			1								1				1				1		1				5
other welding equipment									1					2				1						1	5
kiln, caldron									2															1	3
industrial dryer																									
other kiln, caldron																									
transmission													1			1	1							1	4
electric power facilities																									
other electrical equipment			1				1				1				1					1					5
human power cranes																	1				1	1	1	1	5
human power hauling equipment			3		9		5	8	6	7	7	5	6	8	6	8	8	13	16	18	12	16	10	13	184

human power machine					1		1																		2
hand tool			2		5		4	6	5	2	1	1	4	4	5	4	1	1	3	4	2	4	1	2	61
ladder			3		7		3	4	11	2	5	7	9	2	5	2	8	10	4	7	11	13	5	7	125
slinging tool									1		1														2
other tools			6		9		6	4	5	9	5	6	8	6	7	7	1	6	18	15	16	7	7	18	166
other equipment, facilities			8		5		1	9	7	7	5	5	3	6	10		9	7	15	6	7	6	4	10	130
scaffolding								1										1				2			4
timbering																									
stairs, landing stage			19		26		18	20	22	19	12	12	18	19	27	17	20	19	21	20	22	31	25	27	414
opening					1						1					1					1	1			5
roof, beam, haze, crossbeam, principal rafter			1											3				1			1				6
working platform, boot board			2		6		5	3		6	6	2	2	11	7	6	2	1	9	13	8	3	7	7	106
passage			20		25		7	18	13	17	18	13	16	19	21	19	21	29	34	32	26	35	34	49	466
building, establishment			7		4		6	3	5	7	4	5	13	11	13	9	7	6	7	8	7	6	10	9	147
other temporary buildings,			7		5		4	5	2	7	3		3	5	2	5	3	6	7	3	4	3	6	7	87

establishments																									
explosive substance																									
inflammable substance			1								1										1				3
inflammable gas																									
harmful substance					2			2	2					1			1	1		1				1	11
radiation																									
other hazards, harmful substances					1			1		2	1			1	1	1	1	1		1		2			13
metal material			6		10		3	4	7	8	6	2	2	5	3	8	2	5	9	7	5	5	3	2	102
lumber, bamboo			1		1			1	3	1	1	3	5	1			1		6	1	1	2		1	29
stone, sand, substance																1		1							2
other materials			3		2		2	1	2	2	1		2	1	3	1	3	3		1	2	2			31
load			10		19		7	14	18	18	9	10	22	15	22	15	16	19	15	30	27	15	25	18	344
machine/equipment as load					5					3	1	1	2	1	2	1	1	1			4	2		1	25
natural ground, rock			1		2				1			1		1			1				1	2	1		11
standing tree											1					1				1		2		1	6
water					1				1				3	1	2		1			1	1	1			12
abnormal																									

environment																									
high/cold temperature environment			1		1			1			1	1	4	2	1	1				3	1	4	4	3	28
other environments			4		7		2	3	2	4	1	1	4	2	3	5		2	3	5	5	3	7	7	70
other causal agent			12		8		5	6	5	8	2	3	9		3	6	12		4	3	10	22	49	10	177
no causal agent			6		10		3	13	7	11	12	9	11	13	12	10	5	11	14	24	30	17	33	25	276
unclassifiable							1			3	1				2				2	1	2	1		1	14
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954

Workers age of fatal and non-fatal accidents in dispatch 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	4	5	1	5	6	7	2	4	2	8	1	3	5	4	4	2	2	4	2	2	5	2	5	1	86
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	34	963
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	25	1,101
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	50	1,029
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	88	1,026
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	71	749
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954

Workers' number of workplace of fatal and non-fatal accidents in dispatch 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	21	34	38	60	63	74	27	42	41	33	26	27	37	23	29	20	30	19	26	25	28	18	18	25	784
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	23	734
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	36	619
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	24	710
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	73	1,098
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	88	1,009
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954

Month of fatal and non-fatal accidents in dispatch 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	9	24	16	16	20	17	12	25	24	28	6	11	32	14	21	12	12	20	32	20	24	21	29	453
February	6	11	3	19	14	24	8	14	16	22	14	9	7	24	13	19	8	16	20	16	29	18	16	23	369
March	8	12	11	20	14	18	9	22	20	21	7	15	16	11	19	18	20	19	27	10	19	23	25	24	408
April	10	11	12	26	12	18	10	13	13	16	11	12	22	9	20	15	17	17	17	24	16	14	15	23	373
May	9	15	19	20	17	23	10	13	12	19	8	7	11	11	17	8	16	13	21	23	19	16	19	19	365
June	6	11	12	24	23	29	14	17	23	22	13	11	19	7	17	4	10	21	16	23	25	24	40	23	434

July	11	15	12	19	25	23	16	18	20	20	9	11	23	18	18	17	19	20	25	26	20	24	23	21	453
August	11	14	18	14	26	24	16	20	17	24	7	11	20	19	13	12	17	20	20	16	18	25	36	23	441
September	7	7	16	13	24	23	13	14	16	15	15	7	18	16	18	13	20	22	24	25	25	29	21	18	419
October	10	17	17	8	24	21	7	19	11	20	16	20	17	53	27	11	10	9	21	20	21	23	15	29	446
November	13	12	9	19	22	27	7	14	12	15	5	11	12	24	14	10	23	22	19	24	20	17	23	22	396
December	11	15	12	11	22	12	12	13	16	15	9	11	25	15	19	14	16	21	23	19	25	23	23	15	397
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954

Prefecture of fatal and non-fatal accidents in dispatch 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	6	10		20		8	16	14	20	10	3	19	43	10	10	10	15	9	10	11	10	8	3	268
Aomori					1		2		2	1	4				1	1							2	1	15
Iwate							1	1		1			3	2		1		1		3	1		2	1	17
Miyagi	4	2	4		3			1	1	1		2	2	2	5	3	1		1	6	4	5	8	3	58
Akita					1		1	1						1		1					2	1			8
Yamagata							2		3	1		1	3			2				2	1	2	1	1	19
Fukushima	1	4	1		4		2	1	4	5	2	5	3	4	6	3	3	3	1	2	2	5	7	5	73
Ibaraki	2	2	3		13		1		3	5	3	4	2	3	1	2	4	5	3	3	4	8		1	72
Tochigi	2	3	2		1		1	1	1	4	1	1	1	1	4	1			2	4	2	2	1	2	37
Gunma	4	2	2		3		5	3	5	4	3	3	3	4	3	5	2	3	9	2	9	4	2	9	89

Saitama	1	6	9		7		10	12	13	10	10	5	12	10	16	5	17	13	14	19	14	14	13	9	239
Chiba	3	4	9		18		12	12	13	12	6	6	10	14	9	4	8	16	13	14	16	14	18	18	249
Tokyo	31	35	32		46		15	39	24	23	12	14	31	38	46	27	27	30	44	60	59	45	70	65	813
Kanagawa	3	3	5		8		10	6	6	5	5	6	4	11	8	5	5	9	2	13	11	17	6	8	156
Niigata		2	3				2	2	1	1	1	2	1		2	1	1	1	2	1	1	1	1	4	30
Toyama		1			1		3	1		1	5		2	1	1	1	1		3	2	1	3		1	28
Ishikawa	1	1			1			1		2	1	1		1		3	2	2	3	3	4	2	3	3	34
Fukui	1	2	1		3				2				1		1		1			1	1	1			15
Yamanashi			1		5			2					2		2	1	1	2	3	1	1	2	2		25
Nagano	3	7	3		3			1	2	3						2			1	1		2	3		31
Gifu	3	4	5				2	4	5	4	2	4	1	3	2	1	6	5	2	5	2	8	4	1	73
Shizuoka	7	5	5		8			4	9	33	10	1	12	9	5	2	4	11	16	6	5	8	7	5	172
Aichi	7	15	20		16		13	19	18	24	24	30	29	27	22	18	19	23	32	24	27	30	31	37	505
Mie	1		1				3	6	7	3	1	3	4	3	4	2	4	1	7	7	7	5		5	74
Shiga	1				1		1	2	7	1	3	4	2	4	4	6	2		5	3	6	1	3	5	61
Kyoto	3	5	7		2			3	5	3	4	2	5	2	2		2	4	5	2	3	2	3	3	67
Osaka	11	9	11		22		15	17	24	35	10	12	16	24	12	14	29	30	34	29	27	24	35	41	481
Hyogo	1	4	2		5		4	1	3	3	4		7	4	9	5	8	10	9	6	3	8	5	4	105
Nara		1	1		1		3	3	2	2	2			1	2			1	2	2	2	1	1	1	28
Wakayama	1	4			1				1		1		1		2						1		1		13
Tottori								4	2														2		8

Shimane		1	1					1		1									2		1			1	8
Okayama		1	5		4			1	1	2	3		1	1	5		2	2	1	2	3	5	3	4	46
Hiroshima	3	4	1		2		3	2	6	2	4	2		3	2	7	7	3	5	9	6	8	7	6	92
Yamaguchi			2					3	1	2		1	1	1		1				1		1	2		16
Tokushima					5		2			1	1				2	2	2	2	2	1		2	1	1	24
Kagawa			2					3			1	1	1		2			2		2	3		1	1	19
Ehime		1	2		4				1	4			1				2	2	1				5	3	26
Kochi	3							1		1			1	1		1			1						9
Fukuoka	5	8	7		18		9	7	9	5	3	11	10	14	14	14	11	5	4	9	11	7	12	11	204
Saga							2	1	2			1		1		2	1		1						11
Nagasaki	1		1		1		1		1		1		2	1						1	2	1			13
Kumamoto	3		3		2		4			1	2	1	7	1	2	2	2	1	9	1	1	5	4	3	54
Oita	1	2	1		2				1					1	1				1	1		1			12
Miyazaki		1	1		6			2		2			1	1		3	1	2	1		1				22
Kagoshima		1	1		1		1	2				4		1	1			6	2		2	1	1	1	25
Okinawa		3	1				1	3	2	5	3	1		1	1	4	3	2	1			4	2	2	39
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954

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)

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Fatal accidents in dispatch service in Japan in 1999-2022

dispatch service industry Code No.1701

Type of fatal accidents in dispatch 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					1			1																	2
struck by flying or falling object							1	1															1		3
collapse						1										1									2
crashed by																									
caught in/between		2					3		1									1		2					9
cut																									
injury to the sole of the foot																									

drown													2												2
contact to high/low-temperature															1		1					1			3
contact to harmful substance							1	1	1										1						4
electric shock																									
explosion																									
burst																									
fire																									
traffic accident (public road)				1	1	2		3	2	2			1	3			5	1	1			2			24
traffic accident (others)							1																		1
reaction to motion/improper motion																									
others																1						2	2		5
unclassifiable																									
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	1	60

Causal agents (large) of fatal accidents in dispatch 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					2		1									1							5
crane, conveying machine		1		1	2	4	2	5	3	2			1	3			5	1	1	2		2	1		36
other equipment							1																		1
temporary buildings, establishments							1	1																1	3
substance, material							1		1							1									3
load																									
environment								1					2		1		1		1			1			7
others																1						2	2		5
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	1	60

Causal agents (middle) of fatal accidents in dispatch 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																		1							1

woodworking machine																									
construction machine							1																		1
metal manufacturing machine																									
general machine		1					1		1																3
mobile silviculture machine																									
crane								1															1		2
conveying machine		1			1	2	1		1									1		2					9
vehicle				1	1	2	1	4	2	2			1	3			5		1			2			25
pressure vessel																									
chemical facilities																									
welding equipment																									
kiln, caldron																									
electric equipment																									
human power machine, tools																									
tools																									
other equipments,																									

facilities							1																		1
temporary buildings, establishments							1	1																1	3
hazards, harmful substances									1																1
materials							1									1									2
load																									
natural environment								1					2		1		1		1			1			7
other causal agent																1						2	2		5
no causal agent																									
unclassifiable																									
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	1	60

Causal agents (small) of fatal accidents in dispatch 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																		1							1

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

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																									
truck						1												1		1					3
forklift					1	1	1		1																4
railway equipment																									
conveyor		1																							1
loader																									
straddle carrier																									
rough terrain hauler																									
other powered conveying machines																				1					1
cars, bus, motorcycle				1	1	2		4	2	2			1	3			5		1			2			24
railway vehicle							1																		1
other vehicles																									
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																									
other equipment, facilities							1																		1
scaffolding																									
timbering																									
stairs, landing stage																								1	1
opening																									
roof, beam, haze, crossbeam, principal rafter																									
working platform, boot board																									
passage																									
building, establishment								1																	1
other temporary buildings,							1																		1

establishments																									
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance									1																1
radiation																									
other hazards, harmful substances																									
metal material							1									1									2
lumber, bamboo																									
stone, sand, substance																									
other materials																									
load																									
machine/equipment as load																									
natural ground, rock																									
standing tree																									
water													2												2
abnormal																									

environment								1											1						2
high/cold temperature environment															1		1					1			3
other environments																									
other causal agent																1						2	2		5
no causal agent																									
unclassifiable																									
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	1	60

Workers age of fatal accidents in dispatch 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							1	1					1							1					4
20-29		1			1	2		3	3								1								11
30-39						1	1	1	1	1			2				2					2			11
40-49					1		2	1		1						1		2							8
50-59		1		1			1		1					3			2			1		1		1	12
60 years old or more						1	2	1							1	1	1		2			2	3		14
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	1	60

Workers' number of workplace of fatal accidents in dispatch 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		2		1	1	2	4	2					1					1	1	1					16
10-29					1	1										1	2						1		6
30-49							1	3	1				1			1				1		1	1		10
50-99						1				1			1		1		1						1		6
100-299							1	2	3	1				3			1	1	1			2			15
300 workers or more							1		1								2					2		1	7
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	1	60

Month of fatal accidents in dispatch 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		1							1													1			3
February										1						1	1		1	1					5
March						1	1	1					2									1			6
April							1	1		1							1	1				1	1	1	8
May																							2		2
June				1		2	1		2								1								7

July							1						1				1								3
August								3						3	1				1			1			9
September								1								1	1								3
October					1				1											1					3
November					1				1								1	1							4
December		1				1	3	1														1			7
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	1	60

Prefecture of fatal accidents in dispatch 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	3											5
Aomori																									
Iwate																									
Miyagi										1			2												3
Akita																									
Yamagata							1																		1
Fukushima						1													1						2
Ibaraki				1	1																				2
Tochigi							1										1								2
Gunma																									

Saitama								1	1								1					1	1		5
Chiba								1	1																2
Tokyo							1											1					1	1	4
Kanagawa																									
Niigata																									
Toyama																									
Ishikawa																				1		1			2
Fukui																									
Yamanashi																									
Nagano																									
Gifu		1																				1	1		3
Shizuoka						1																			1
Aichi									2						1		1	1				1			6
Mie																	1		1						2
Shiga									1																1
Kyoto																									
Osaka		1					1																		2
Hyogo							1															1			2
Nara																									
Wakayama																									
Tottori								2																	2

Shimane																									
Okayama						1	1																		2
Hiroshima						1										1	2								4
Yamaguchi																									
Tokushima								1																	1
Kagawa																									
Ehime								1																	1
Kochi																									
Fukuoka					1			1								1									3
Saga							1																		1
Nagasaki																									
Kumamoto																				1					1
Oita																									
Miyazaki																									
Kagoshima																									
Okinawa																									
total		2		1	2	4	7	7	5	2			3	3	1	2	6	2	2	2		5	3	1	60

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

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