

contact to harmful substance	4	4	2	4	6	9	5	2	6	1	1	6	3	2	3	1	5	2		1	8	6	3	84	harmful substance
electric shock	1																	1			1	1	1	5	electric shock
explosion	2		3	3	1	1	2	2	1						1	1	1	2			1	3	1	25	explosion
burst		1			1	1			1		1	3	1		2	1	1		2			1	2	18	burst
fire	2						1				1			1						3				8	fire
traffic accident (public road)	41	50	35	50	52	55	60	58	66	43	25	56	44	61	59	53	58	31	45	46	48	38	36	1,110	traffic accident (public road)
traffic accident (others)					1				1			1	2		1		2		1					9	traffic accident (others)
reaction to motion/improper motion	254	227	190	226	315	242	304	255	249	250	221	217	228	200	181	178	134	167	169	149	174	239	232	5,001	reaction to motion/improper motion
others	13	8	5	9	10	8	12	12	10	8	10	7	10	7	3	8	7	5	2	9	9	34	40	246	others
unclassifiable	2	1	1	5		3	1	1	4		2		3	1	1	2		2	1	1	1	2		34	unclassifiable
total	987	940	873	1,024	1,198	1,116	1,130	1,109	1,060	1,080	887	932	981	900	899	896	821	870	783	778	890	1,071	1,009	22,234	total

Causal agents (large) of fatal and non-fatal accidents in other waste disposal 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	51	36	37	49	67	63	55	51	55	55	50	61	41	42	54	43	40	44	47	48	52	48	42	1,131	machine
crane, conveying machine	279	276	268	286	330	325	342	300	295	339	249	295	273	290	287	304	285	251	230	226	255	301	287	6,573	crane, conveying machine

																										machine
other equipment	56	58	67	75	97	71	75	87	102	116	70	84	79	64	79	60	89	81	53	75	93	109	96	1,836	other equipment	
temporary buildings, establishments	200	210	170	254	281	271	255	257	245	227	211	222	223	234	207	203	170	221	216	214	229	258	267	5,245	temporary buildings, establishments	
substance, material	80	85	87	97	93	100	96	98	78	83	82	63	88	63	84	77	65	64	55	48	69	71	58	1,784	substance, material	
load	169	166	137	139	196	167	154	170	141	124	123	103	118	92	82	96	74	102	87	59	82	126	98	2,805	load	
environment	43	31	40	25	20	26	27	31	25	29	20	32	52	30	29	29	33	33	33	41	35	43	36	743	environment	
others	109	78	67	99	114	93	126	115	119	107	82	72	107	85	77	84	65	74	62	67	75	115	125	2,117	others	
total	987	940	873	1,024	1,198	1,116	1,130	1,109	1,060	1,080	887	932	981	900	899	896	821	870	783	778	890	1,071	1,009	22,234	total	

Causal agents (middle) of fatal and non-fatal accidents in other waste disposal 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	1								1		1					5	engine
power transmission mechanism	5	2	3	3	3	3	2	3	3	2	3	3	6	4	3	6	4	2	7	9	4	2	4	86	power transmission mechanism
woodworking machine	4	2	3	5	6	3	9	3	4	2	3	6	3	6	2	1	3	4	3	2	5	3	4	86	woodworking machine
construction machine	6	6	8	6	16	16	11	10	11	12	13	15	9	13	17	9	6	9	7	13	9	8	13	243	construction machine

metal manufacturing machine	8	5	7	8	6	5	9	11	6	4	4	16	6	4	5	10	5	5	6	3	5	5	2	145	metal manufacturing machine	
general machine	28	21	15	27	36	36	24	23	30	35	27	21	17	15	27	17	21	24	23	21	28	30	19	565	general machine	
mobile silviculture machine																					1			1	mobile silviculture machine	
crane	6	4	1	6	8	8	8	6	4	6	9	6	9	8	11	4	6	9	4	2	4	3	3	135	crane	
conveying machine	235	237	242	244	295	281	289	253	251	300	216	245	221	242	235	254	239	216	191	188	225	268	252	5,619	conveying machine	
vehicle	38	35	25	36	27	36	45	41	40	33	24	44	43	40	41	46	40	26	35	36	26	30	32	819	vehicle	
pressure vessel		1	1					1		3	1			1	1									9	pressure vessel	
chemical facilities			1				1							1										3	chemical facilities	
welding equipment		1	1	2			1				1		1			2	1	1		1	3	2	2	19	welding equipment	
kiln, caldron	2	3	1	3		1	3	3		5	2	1		1	1	1		3		2	1	2	4	39	kiln, caldron	
electric equipment	2	1	2		2	1			1			1			1		1	1	1				1	1	16	electric equipment
human power machine, tools	10	8	14	15	22	10	18	18	23	27	19	18	17	17	20	11	27	15	5	19	18	20	19	390	human power machine, tools	
tools	24	25	37	35	51	43	32	40	49	60	33	40	34	25	36	30	37	36	26	37	47	57	34	868	tools	
other equipments, facilities	18	19	10	20	22	16	20	25	29	21	14	24	27	19	20	16	23	25	21	16	24	27	36	492	other equipments, facilities	

																												facilities
temporary buildings, establishments	200	210	170	254	281	271	255	257	245	227	211	222	223	234	207	203	170	221	216	214	229	258	267	5,245	temporary buildings, establishments			
hazards, harmful substances	7	8	7	8	10	11	9	4	9	5	4	6	3	7	4	1	7	5	2	5	5	6	6	139	hazards, harmful substances			
materials	73	77	80	89	83	89	87	94	69	78	78	57	85	56	80	76	58	59	53	43	64	65	52	1,645	materials			
load	169	166	137	139	196	167	154	170	141	124	123	103	118	92	82	96	74	102	87	59	82	126	98	2,805	load			
natural environment	43	31	40	25	20	26	27	31	25	29	20	32	52	30	29	29	33	33	33	41	35	43	36	743	natural environment			
other causal agent	51	30	18	22	33	21	19	17	33	35	14	15	28	15	14	19	10	15	16	11	15	46	45	542	other causal agent			
no causal agent	54	47	45	72	80	67	105	95	82	71	64	55	74	67	63	63	54	58	45	56	60	67	80	1,524	no causal agent			
unclassifiable	4	1	4	5	1	5	2	3	4	1	4	2	5	3		2	1	1	1			2		51	unclassifiable			
total	987	940	873	1,024	1,198	1,116	1,130	1,109	1,060	1,080	887	932	981	900	899	896	821	870	783	778	890	1,071	1,009	22,234	total			

Causal agents (small) of fatal and non-fatal accidents in other waste disposal 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	1								1		1					5	engine	
power transmission mechanism			3		3		2	3	3	2	3	3	6	4	3	6	4	2	7	9	4	2	4	73	power transmission mechanism	
circular sawing																										circular sawing

machine			2		5		6	1	2	1	2	4		4			2	3	2	1	4	2	1	42	machine
band sawing machine													1											1	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					1		2	1	2			1	1	2		1	1		1		1		2	16	chain saw
other woodworking machines			1				1	1		1	1	1	1		2			1		1		1	1	13	other woodworking machines
leveling, transporting or loading machine			4		3		5	1	2	2	4	2	2	5	4	1		3	5	7	2	4	2	58	leveling, transporting or loading machine
excavating machine			3		9		6	5	7	7	8	8	6	5	4	4	1	3	1	4	6	1	5	93	excavating machine
foundation work machine															1									1	foundation work machine
hardening machine								1																1	hardening machine
demolition machine					1			1				1		1	1	2	2	1	1	1	1	2	5	20	demolition machine
vehicle for high lift work									1											1				2	vehicle for high lift work

other construction machines			1		3			2	1	3	1	4	1	2	7	2	3	2				1	1	34	other construction machines
lathe												1		1										2	lathe
drill press, milling machine							1						1								2			4	drill press, milling machine
grinding machine, buffing machine			1				1	5	3		2	4	2	1		1	1	1	2	2		1		27	grinding machine, buffing machine
power press			1		1		1	2	1	1			1					1				1		10	power press
forging pressure hammer																	1							1	forging pressure hammer
shearing machine			1		1			1				2			1	1	1	1	1		1			11	shearing machine
other metal manufacturing machines			4		4		6	3	2	3	2	10	1	3	3	8	3	2	2	1	4	2	1	64	other metal manufacturing machines
centrifugal machine							1			1														2	centrifugal machine
mixer, grinder			2		8		4	5	5	6	3	1		3	2	2	3	5	4	4	7	2	2	68	mixer, grinder
roll machine (except printingroll machine)					1		2														2			5	roll machine (except printingroll machine)
injection molding machine																		1	1		2			4	injection molding machine
food manufacturing machine																									food manufacturing machine
printing machine											1													1	printing machine
industrial robot																	1							1	industrial robot

other general power machines			13		27		17	18	25	28	23	20	17	12	25	15	17	19	18	16	19	26	17	372	other general power machines
felling machine																					1			1	felling machine
mobile logging machine																									mobile logging machine
skyline yarding machine																									skyline yarding machine
other mobile silviculture machine																									other mobile silviculture machine
crane			1		2		3	2	2	2	3	2	5	2	3	1	3	4	1	1	1	1		39	crane
mobile crane					5		4	3	2	4	5	4	3	6	8	3	2	4	3	1	2	2	3	64	mobile crane
derrick crane																									derrick crane
elevator, lift													1										1	2	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					1		1	1				1					1	1						6	other powered crane
truck			181		221		231	187	198	224	162	189	164	187	182	196	174	158	134	148	169	218	198	3,521	truck

forklift			8		17		18	18	12	15	7	13	13	11	9	14	12	14	10	8	18	14	16	247	forklift	
railway equipment																						1		1	railway equipment	
conveyor			15		19		18	17	17	26	19	19	13	17	18	17	18	11	11	5	20	15	11	306	conveyor	
loader					5		2	2		2	1	1	3	1		1	2		1		4	1	3	29	loader	
straddle carrier																									straddle carrier	
rough terrain hauler			1		1																			2	rough terrain hauler	
other powered conveying machines			37		32		20	29	24	33	27	23	28	26	26	26	33	33	35	27	14	19	24	516	other powered conveying machines	
cars, bus, motorcycle			18		25		44	37	37	32	21	42	36	35	36	46	37	24	32	29	23	25	28	607	cars, bus, motorcycle	
railway vehicle													1		1							1		3	railway vehicle	
other vehicles			7		2		1	4	3	1	3	2	6	5	4		3	2	3	7	3	4	4	64	other vehicles	
boiler								1		1														2	boiler	
pressure vessel																									pressure vessel	
other pressure vessels			1							2	1			1	1									6	other pressure vessels	
chemical facilities			1				1							1										3	chemical facilities	
gas welding equipment			1				1				1					2	1	1				2	2	2	13	gas welding equipment
arc welding equipment																				1	1			2	arc welding equipment	
other welding equipment													1											1	other welding equipment	
kiln, caldron			1				3	2		3	2	1			1			3		2		2	2	22	kiln, caldron	

as load			3		5		6	7		5	3	3	7	1	5	2	3	3	5	3	1	2	4	68	as load
natural ground, rock			7		6		5	6	10	3	3	6	6	1	6	4	4	2	2	2	2	2	3	80	natural ground, rock
standing tree			6		3		2	1	2	1	1	1	1	1			3	3	2	3		2	1	33	standing tree
water			1				4	1			1	2	9		1	1	1	1	1	1				24	water
abnormal environment			2					1													2	2		7	abnormal environment
high/cold temperature environment			5				2	5	5	6	2	6	7	8	5	4	7	7	3	16	11	14	9	122	high/cold temperature environment
other environments			19		11		14	17	8	19	13	17	29	20	17	20	18	20	25	19	20	23	23	352	other environments
other causal agent			18		33		19	17	33	35	14	15	28	15	14	19	10	15	16	11	15	46	45	418	other causal agent
no causal agent			45		80		105	95	82	71	64	55	74	67	63	63	54	58	45	56	60	67	80	1,284	no causal agent
unclassifiable			4		1		2	3	4	1	4	2	5	3		2	1	1	1			2		36	unclassifiable
total			873		1,198		1,130	1,109	1,060	1,080	887	932	981	900	899	896	821	870	783	778	890	1,071	1,009	18,167	total

Workers age of fatal and non-fatal accidents in other waste disposal 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	14	12	12	10	13	14	16	14	16	17	5	8	11	9	10	15	5	15	6	4	4	11	11	252	19 years old or less
20-29	215	172	158	188	209	193	176	165	133	149	117	105	123	102	101	98	85	86	69	78	75	108	102	3,007	20-29
30-39	226	236	210	268	323	320	358	344	282	287	233	240	210	216	202	162	175	140	153	140	147	165	170	5,207	30-39
40-49	206	185	156	201	242	226	234	223	239	222	233	248	293	257	232	277	219	252	190	204	219	261	238	5,257	40-49

May	80	86	94	82	107	89	104	106	103	98	78	71	80	78	65	89	69	82	64	72	66	81	82	1,926	May
June	97	88	76	111	114	101	113	102	109	88	83	88	85	81	85	72	68	90	62	63	73	92	98	2,039	June
July	106	90	87	117	116	108	109	112	103	105	73	81	97	79	90	73	67	61	68	80	95	90	84	2,091	July
August	102	81	90	111	80	111	101	97	110	75	81	84	94	97	79	66	86	69	72	74	90	105	82	2,037	August
September	68	91	65	77	98	84	114	94	88	107	70	86	83	66	82	79	59	80	61	54	70	102	69	1,847	September
October	85	70	68	96	109	99	98	93	86	79	78	89	64	77	70	69	69	72	69	68	69	95	91	1,863	October
November	65	80	64	81	76	91	79	89	78	71	60	75	74	64	79	63	81	74	56	56	63	92	81	1,692	November
December	69	61	62	78	90	75	72	72	67	78	64	66	83	74	66	64	52	48	63	53	70	86	75	1,588	December
total	987	940	873	1,024	1,198	1,116	1,130	1,109	1,060	1,080	887	932	981	900	899	896	821	870	783	778	890	1,071	1,009	22,234	total

Prefecture of fatal and non-fatal accidents in other waste disposal 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	66	38	45		42		47	39	48	59	49	50	60	51	42	43	59	51	53	44	68	77	52	1,083	Hokkaido
Aomori	13	6	17		13		4	5	4	2	4	4	6	4	3	10	10	13	13	8	11	8	14	172	Aomori
Iwate	8	2	3		6		5	4	5	4	5	5	5	6	10	8	9	10	5	6	4	6	3	119	Iwate
Miyagi	37	21	17		41		29	27	19	25	15	27	29	25	57	31	21	16	6	16	17	17	23	516	Miyagi
Akita	14	8	13		12		6	8	5	7	3	9	7	11	5	9	7	4	5	8	11	8	7	167	Akita
Yamagata	9	9	5		4		4	2	6	3	1	8	6	2	7	8		4	5	2	4	6	6	101	Yamagata
Fukushima	9	14	11		9		12	10	13	12	8	12	16	13	13	16	19	13	17	21	9	13	26	286	Fukushima
Ibaraki	15	6	8		12		12	16	14	9	10	13	8	7	11	9	10	9	11	11	14	11	12	228	Ibaraki
Tochigi	4	6	8		8		8	7	7	7	4	7	6	6	6	4	10	8	5	5	13	9	12	150	Tochigi
Gunma	13	13	18		8		8	14	10	5	5	17	10	12	6	5	8	11	7	7	6	5	12	200	Gunma
Saitama	19	28	22		25		30	19	17	33	24	21	25	23	22	19	32	28	28	34	47	39	35	570	Saitama

Yamaguchi	15	13	9		12		21	17	6	9	11	10	12	9	9	8	7	10	10	8	9	10	6	221	Yamaguchi
Tokushima	2		3		3		5	5	1	5	2	7	1	3	4	6	3	2	4	10	15	9	11	101	Tokushima
Kagawa	5	6	3		3		8	5	7	5	8	5	1	5	7	7	11	7	6	8	8	6	6	127	Kagawa
Ehime	6	7	3		5		18	8	12	6	5	8	3	3	3	4	5	2	2	3	8	9	12	132	Ehime
Kochi	10	6	7		10		9	18	14	11	10	9	16	13	10	15	9	10	5	11	5	8	9	215	Kochi
Fukuoka	52	61	54		68		63	79	78	58	49	43	58	56	61	39	51	41	47	31	51	45	68	1,153	Fukuoka
Saga	9	7	4		8		3	6	8	2		3	5	4	6		2	8	2	7	6	4	6	100	Saga
Nagasaki	6	1	4		8		5	4	6	8	2	2	4	7	7	6	7	5	7	11	6	12	11	129	Nagasaki
Kumamoto	5	11	13		9		9	15	5	18	10	12	11	6	7	8	11	12	12	8	13	17	13	225	Kumamoto
Oita	13	6	5		5		9	8	4	7	1	3	1	2	3	8	12	13	13	8	7	17	5	150	Oita
Miyazaki	6	11			8		6	5	8	5	6	6	7	8	3	3	3	9	8	7	3	7	7	126	Miyazaki
Kagoshima	6	9	9		20		11	5	11	12	8	7	3	7	4	8	8	7	9	13	13	6	16	192	Kagoshima
Okinawa	2		5		1		4	2	2	6	4	2	5	7	2	1	4	6	8	5	7	9	5	87	Okinawa
total	987	940	873		1,198		1,130	1,109	1,060	1,080	887	932	981	900	899	896	821	870	783	778	890	1,071	1,009	20,094	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)

Return to https://www.jisha.or.jp/english/statistics/2021e_industry.html

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Fatal accidents in other waste disposal service in Japan in 1999-2021

other waste disposal service industry Code No.150103

general machine				2	1		2		1		2	1			1		1	1				1		13	machine
mobile silviculture machine																									mobile silviculture machine
crane														1										1	crane
conveying machine	4	9	6	6	6	4	6	7	4	6	2	5	1	4	4	5	4	2	4	5	5	8	3	110	conveying machine
vehicle				2		1	1						1	1	1	1	1		1		2			12	vehicle
pressure vessel																									pressure vessel
chemical facilities																									chemical facilities
welding equipment																									welding equipment
kiln, caldron										1														1	kiln, caldron
electric equipment																									electric equipment
human power machine, tools																									human power machine, tools
tools	1											1								1			1	4	tools
other equipments, facilities			1					1			1					1		1				1		6	other equipments, facilities
temporary buildings, establishments	1	2		1	2	1	1			1	1	1				2	2		1		1			17	temporary buildings, establishments

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	1																		1								2	ladder			
slinging tool																										1	1	slinging tool			
other tools														1														1	other tools		
other equipment, facilities			1							1							1		1								1	6	other equipment, facilities		
scaffolding																													scaffolding		
timbering																													timbering		
stairs, landing stage																													stairs, landing stage		
opening		1		1	1	1	1																					1	6	opening	
roof, beam, haze, crossbeam, principal rafter																													1	roof, beam, haze, crossbeam, principal rafter	
working platform, boot board		1																											1	2	working platform, boot board

standing tree																									standing tree
water								1					4								1			6	water
abnormal environment			1																		2	1		5	abnormal environment
high/cold temperature environment			1									1	1							1	1			5	high/cold temperature environment
other environments																				1				1	other environments
other causal agent							1																	1	other causal agent
no causal agent																				1				1	no causal agent
unclassifiable							1																	1	unclassifiable
total	6	12	10	12	13	9	11	12	5	9	6	10	7	7	8	9	9	6	7	9	12	11	5	205	total

Workers age of fatal accidents in other waste disposal 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																										19 years old or less
20-29	1	3		1	1	1		2			1		1		2		1			1	2		1	18	20-29	
30-39	1	2	1	3	3	2		4	2	1		1	2		1	1		2	1	3	1	1		32	30-39	
40-49	1	2	3	1	1	1	2	3	1	1		2	1	4	1		2	1	2	2	3	1		35	40-49	
50-59	1	1	2	3	1	2	6	3	1	2	3	4	2		1	3	2	1	2	2	1	3	1	47	50-59	
60 years old or more	2	4	4	4	7	3	3		1	5	2	3	1	3	3	5	4	2	2	1	5	6	3	73	60 years old or more	
total	6	12	10	12	13	9	11	12	5	9	6	10	7	7	8	9	9	6	7	9	12	11	5	205	total	

Workers' number of workplace of fatal accidents in other waste disposal 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	1	2	5	5	7	3	4	4	1	1	3	1			2	4	3	1	2	2	5	3	2	61	9 workers or less
10-29	3	7	4	3	5	3	5	4		4	2	5	3	3	3	3	3	2	3	5	3	3	2	78	10-29
30-49	1	2	1	4	1		1	3	3	3	1	2	2	1	2		2	1	1	1	3	3		38	30-49
50-99	1	1							1	1		1	2	1	1	2		2	1	1	1	1		17	50-99
100-299						3	1	1				1		2			1					1	1	11	100-299
300 workers or more																									300 workers or more
total	6	12	10	12	13	9	11	12	5	9	6	10	7	7	8	9	9	6	7	9	12	11	5	205	total

Month of fatal accidents in other waste disposal 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	1	1			1		1		2	1	1				11	January
February		2		2	1	1	1	2			1	2				1							1	14	February
March			1	2	1	2	1	1		1	1	1	5			1				1	1	2		21	March
April	1		2		2	2	1	1							2			1			1			13	April
May			2	3		1	1	1			1		1				4		1		2	1		18	May
June	1	1	2		2	1	1	1			1	1	1	1		1		2		1		1		18	June
July	1	2	2	1			1	1	1	3				1		1				1	1	1	1	18	July
August		1	1					2	2	2				2	1		1		3	2	2	2		21	August
September	1						2				1	2		1	1	2	1	1		1	2	1		16	September
October	1	2		1	2	1	2					1		1	1	2						2	1	17	October

November	1	3		1	4		1		1	1		2			3		2		1	2	2	1		25	November
December		1		2	1			2		1		1					1		1		1		2	13	December
total	6	12	10	12	13	9	11	12	5	9	6	10	7	7	8	9	9	6	7	9	12	11	5	205	total

Prefecture of fatal accidents in other waste disposal 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	2	1	2			1	5		1		2			1										15	Hokkaido
Aomori										1													1	2	Aomori
Iwate			1									1			1							1		4	Iwate
Miyagi						1						3									1			5	Miyagi
Akita		1													1									2	Akita
Yamagata		1																						1	Yamagata
Fukushima		1																						1	Fukushima
Ibaraki			1	1	2		1	1	1			1			1		1		1			2		13	Ibaraki
Tochigi		1													1							1		3	Tochigi
Gunma	1	2	1	2																1				7	Gunma
Saitama		1		1			1						1	1					1		2			8	Saitama
Chiba	1		1				1	1	1	1				1		2					2			11	Chiba
Tokyo						1		1	1		1	2			1		2	1				1	1	12	Tokyo
Kanagawa		1	1							1		1				1		1	1	1	1	3		11	Kanagawa
Niigata					1										1						1			3	Niigata
Toyama																				1				1	Toyama
Ishikawa						1												1						2	Ishikawa

Saga																		1							1	Saga	
Nagasaki														1												1	Nagasaki
Kumamoto				1		1		1										1								4	Kumamoto
Oita		1			1														1							3	Oita
Miyazaki								1																		1	Miyazaki
Kagoshima	1													1					1						1	4	Kagoshima
Okinawa								1								1		1							1	4	Okinawa
total	6	12	10	12	13	9	11	12	5	9	6	10	7	7	8	9	9	6	7	9	12	11	5	205	total		

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

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