

Fatal and non-fatal accidents in other sand and stone products in Japan in 1999-2021

other sand and stone products industry Code No.010909

Type of accidents in other sand and stone products 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	110	103	111	87	74	69	81	84	66	83	65	53	44	56	49	49	56	61	58	45	59	51	61	1,575	fall from height	
falling to same level	87	72	85	55	64	48	57	53	52	46	38	35	35	48	57	40	24	39	40	32	40	32	35	1,114	falling to same level	
crash	36	38	37	26	26	24	24	23	24	16	13	16	20	23	11	19	11	16	13	12	17	12	17	474	crash	
struck by flying or falling object	132	108	107	114	88	90	67	64	72	52	39	54	41	42	40	37	45	32	18	20	19	29	30	1,340	struck by flying or falling object	
collapse	39	39	24	20	19	22	9	20	32	12	10	15	15	18	6	12	15	17	6	8	10	9	7	384	collapse	
crashed by	44	55	43	48	29	30	26	28	35	36	23	23	20	19	18	12	23	15	14	17	14	14	15	601	crashed by	
caught in/between	239	243	234	204	181	181	160	163	176	127	123	121	119	125	111	100	112	86	99	76	87	80	86	3,233	caught in/between	
cut	48	41	34	36	33	26	32	28	31	27	22	23	18	17	15	13	17	19	13	18	15	15	12	553	cut	
injury to the sole of the foot	1	5	5	5	1		3	1	6	1	1	1	1				2	1		2		2		38	injury to the sole of the foot	
drown		1			2					2			2												7	drown
contact to high/low-temperature	9	7	11	8	6	10	5	8	10	5	7	10	3	9	9	10	8	3	4	6	4	12	5	169	contact to high/low-temperature	

engine			1								1									1			3	engine	
power transmission mechanism			20		5		2	7	8	11	6	4	4	6	2	6	5	7	9	9	4	3	5	123	power transmission mechanism
circular sawing machine			6		15		3	3	13	5	3	3	6	2	1	1	6	5	1	1	4	3	1	82	circular sawing machine
band sawing machine												1								1			1	3	band sawing machine
wood planer machine																1								1	wood planer machine
hollow chisel mortiser, wood borer								1													1			2	hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine					1																			1	chamfering machine, router, woodworking milling machine
chain saw						1	2		2	1	2	1		2			1		1				1	14	chain saw
other woodworking machines			2			2	2	2			1	1			1		1	1	1					14	other woodworking machines
leveling, transporting or loading machine			3		6		6	3	7	2	3	2	7	5	4	3	2	5			1	3	4	66	leveling, transporting or loading machine
excavating machine			6		8		4	6	4	3	5	4	2	6	2	2	1		5	5	2	2	3	70	excavating machine
foundation work machine			1					1	1		1													4	foundation work machine

machine						1	1			2	1	1				1	1						9	machine
food manufacturing machine			1											1				1					3	food manufacturing machine
printing machine				1		1		1	1		1												5	printing machine
industrial robot				3			2		1					1	1	2			1				11	industrial robot
other general power machines			55	46		42	38	40	35	35	33	40	35	29	29	29	30	21	29	26	23	34	649	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			14	15		11	16	11	10	10	10	7	7	5	6	8	6	3	4	7	11	8	169	crane
mobile crane			16	6		11	5	7	10	6	9	11	6	9	3	7	4	6	5	4	4	3	132	mobile crane
derrick crane																								derrick crane
elevator, lift									1														1	elevator, lift
cargo lifting appliance																								cargo lifting appliance
gondola																								gondola
lumberyard equipment, logging cableway							1																1	lumberyard equipment, logging cableway

facilities			21		19		14	22	15	5	8	11	10	17	14	5	12	9	7	6	5	18	6	224	facilities
scaffolding			5		3		4		2	5	2		2		2		2		1	1	2	2	1	34	scaffolding
timbering			1		2		1	1	1	1	2		1		1		1					1	2	15	timbering
stairs, landing stage			17		12		12	10	10	5	9	7	8	6	5	7	4	7	5	1	9	4	7	145	stairs, landing stage
opening			1		3			2			1	1		2	1	1	1	1	1	1	2	5	1	24	opening
roof, beam, haze, crossbeam, principal rafter			7		1		4	3	2	2	5	2	4	4	3	1		1	1	2	1	1	4	48	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			16		15		11	11	15	5	11	8	4	10	11	4	7	12	12	8	8	8	4	180	working platform, boot board
passage			33		21		26	16	19	18	13	17	16	16	21	19	16	22	18	14	18	8	23	354	passage
building, establishment			15		14		14	15	15	12	8	9	6	8	6	8	16	10	3	5	7	6	13	190	building, establishment
other temporary buildings, establishments			8		8		13	12	13	13	7	8	5	8	12	6	5	1	4	5	7	4	5	144	other temporary buildings, establishments
explosive substance											1			1										2	explosive substance
inflammable substance			2		2		5				1					2		1					3	16	inflammable substance
inflammable gas										1					3									4	inflammable gas
harmful substance					3		5	4		3											1	1	2	19	harmful substance
radiation																									radiation
other hazards, harmful substances			1		2		1	1	3	1	1		1		2		2		2	4	1	1	1	24	other hazards, harmful substances

metal material			28		18		17	18	31	6	9	14	15	15	8	12	16	8	8	7	8	12	9	259	metal material
lumber, bamboo			7		7		5	7	8	4	7	4	4	3			1	3	1	3	2	1		67	lumber, bamboo
stone, sand, substance			121		85		62	57	51	50	44	52	40	41	36	44	31	21	22	15	24	20	16	832	stone, sand, substance
other materials			24		16		8	20	17	7	6	11	7	9	5	6	8	5	3	7	5	6	7	177	other materials
load			26		25		20	24	22	18	14	17	9	16	13	12	17	27	8	2	17	11	15	313	load
machine/equipment as load			3		4			2	4	4		1	3	2	2	3	1	2			1	1		33	machine/equipment as load
natural ground, rock			3		8		2	8	3	5	2	6	3	6	4	2	3	4	2	2	3	4	3	73	natural ground, rock
standing tree			4		2			1		1	1		1	1	1				1					13	standing tree
water			2							2			4					2		1		1		12	water
abnormal environment										1		1							1					3	abnormal environment
high/cold temperature environment			2		3		1	1	1	1		4	2	1	2	6	3	2	2	3	3	7	1	45	high/cold temperature environment
other environments			4		4		6	4	1	2	1	2	3	5	6	3	3	2	6	7	5	2	1	67	other environments
other causal agent			7		7		4	1	3	4	3	2	1	2	1	1	4	1	3	1	2	2	9	58	other causal agent
no causal agent			22		20		17	15	21	19	20	10	6	9	7	9	12	8	9	13	7	14	8	246	no causal agent
unclassifiable							2	1	2	2				1			1		2					11	unclassifiable
total			777		599		528	533	558	467	394	395	364	398	357	329	360	328	309	264	303	299	314	7,876	total

Workers age of fatal and non-fatal accidents in other sand and stone products 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	21	11	17	15	7	12	4	11	4	5	4	3	12	6	7	9	7	2	1		4		181	19 years old or less
20-29	130	124	130	95	75	86	77	77	61	65	51	36	51	46	42	41	38	30	29	34	39	28	28	1,413	20-29
30-39	132	131	143	122	114	112	89	119	124	98	90	85	78	77	63	65	79	52	46	42	41	48	51	2,001	30-39
40-49	161	152	150	131	116	97	110	89	108	92	80	82	79	82	84	73	72	86	78	51	76	88	66	2,203	40-49
50-59	248	229	216	204	169	147	157	152	148	116	96	98	78	93	92	82	77	69	75	81	76	72	96	2,871	50-59
60 years old or more	144	122	127	102	110	101	83	92	106	92	72	90	75	88	70	61	85	84	79	55	71	59	73	2,041	60 years old or more
total	834	779	777	671	599	550	528	533	558	467	394	395	364	398	357	329	360	328	309	264	303	299	314	10,710	total

Workers' number of workplace of fatal and non-fatal accidents in other sand and stone products 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	327	319	318	290	264	225	234	229	212	190	161	157	162	161	141	117	117	104	115	78	115	92	93	4,221	9 workers or less
10-29	289	259	257	235	189	201	193	183	171	153	145	133	112	147	136	116	133	123	106	90	104	105	116	3,696	10-29
30-49	90	96	96	77	71	63	52	50	76	62	35	43	38	40	40	47	46	53	41	43	39	47	46	1,291	30-49
50-99	71	67	61	47	46	36	23	43	45	27	32	34	25	24	23	25	35	22	22	31	23	29	30	821	50-99
100-299	50	37	34	20	26	23	20	23	38	28	17	26	25	23	12	22	22	19	20	19	16	22	23	565	100-299
300 workers or more	7	1	11	2	3	2	6	5	16	7	4	2	2	3	5	2	7	7	5	3	6	4	6	116	300 workers or more
total	834	779	777	671	599	550	528	533	558	467	394	395	364	398	357	329	360	328	309	264	303	299	314	10,710	total

Month of fatal and non-fatal accidents in other sand and stone products 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	55	59	65	45	50	37	46	37	36	32	32	36	28	32	31	24	34	28	32	25	31	33	27	855	January
February	78	66	67	53	42	42	44	43	41	36	31	28	18	42	27	33	30	29	33	20	18	24	29	874	February
March	71	53	83	64	68	43	40	44	41	41	33	30	36	26	38	35	28	26	26	22	19	29	24	920	March
April	60	65	60	53	53	50	44	48	51	47	32	26	37	30	19	22	22	27	22	19	23	15	33	858	April
May	76	72	66	63	54	49	48	37	53	29	31	25	29	37	36	24	28	19	24	18	31	19	28	896	May
June	71	74	58	58	54	42	44	48	61	52	34	36	46	44	28	24	38	35	31	21	22	25	32	978	June
July	77	79	80	69	70	52	48	63	58	51	31	38	30	42	36	37	30	29	29	26	36	18	33	1,062	July
August	64	70	65	54	44	51	43	50	41	34	29	33	29	20	26	32	30	18	27	26	31	31	22	870	August
September	87	58	52	53	48	52	44	44	40	34	28	47	20	38	24	23	32	30	28	18	32	28	24	884	September
October	61	68	59	65	37	60	46	49	53	49	46	34	31	31	31	29	33	27	24	24	23	28	22	930	October
November	65	69	73	56	43	41	45	42	47	31	36	33	35	24	27	25	35	35	19	24	24	29	22	880	November
December	69	46	49	38	36	31	36	28	36	31	31	29	25	32	34	21	20	25	14	21	13	20	18	703	December
total	834	779	777	671	599	550	528	533	558	467	394	395	364	398	357	329	360	328	309	264	303	299	314	10,710	total

Prefecture of fatal and non-fatal accidents in other sand and stone products 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	28	45	21		24		11	15	21	21	16	16	16	20	11	9	8	15	10	4	7	5	7	330	Hokkaido
Aomori	14	12	9		2		4	5		4	5	1	1	1	4	2	2	2	2	1	7	6	2	86	Aomori

Iwate	15	14	12		8		11	5	8	6	8	6	5	7	10	6	5	1	1	2	2	1	5	138	Iwate
Miyagi	17	8	15		15		9	8	7	13	5	6	12	15	6	6	7	7	8	5	5	8	11	193	Miyagi
Akita	15	8	6		5		2	5	4	4	9	3	5	2	4	4	4	1	2	4	2	2	1	92	Akita
Yamagata	12	9	10		9		3	6	6	2	5	2	2	7	4	3	4	5	5	3	2		1	100	Yamagata
Fukushima	14	27	23		15		11	19	12	10	5	9	8	14	13	8	6	11	12	14	12	13	13	269	Fukushima
Ibaraki	53	43	43		27		27	34	27	28	18	22	26	24	21	24	25	9	12	9	16	13	13	514	Ibaraki
Tochigi	19	32	13		21		17	12	16	9	9	13	8	11	13	6	12	11	11	5	5	9	10	262	Tochigi
Gunma	20	14	23		10		14	5	10	4	8	6	4	7	5	10	5	6	4	5	11	5	2	178	Gunma
Saitama	19	27	27		21		22	12	25	19	12	22	20	8	11	13	14	10	10	6	11	15	19	343	Saitama
Chiba	17	14	23		14		20	8	24	13	12	12	11	14	12	12	8	10	10	14	6	13	7	274	Chiba
Tokyo	12	11	11		12		7	10	11	7	9	4	3	8	5	6	5	4	5	6	12	1	5	154	Tokyo
Kanagawa	20	13	17		15		19	19	10	21	8	19	12	7	5	12	14	9	7	7	4	7	7	252	Kanagawa
Niigata	19	26	24		13		16	20	16	13	4	7	7	10	8	8	7	4	5	6	5	4	7	229	Niigata
Toyama	16	12	6		11		5	11	7	8	9	5	5	7	4	6	5	2	4	3	2	5	2	135	Toyama
Ishikawa	4	8	4		7		6	4	10	6	4	3	1	1	4		2	3	4	3	5	4	1	84	Ishikawa
Fukui	9	7	3					1	1	1	3	1	2	2	1	1	1	2	3		3	1	3	45	Fukui
Yamanashi	14	9	10		12		6	8	6	1	3	3	5	3	5	5	3				2		4	99	Yamanashi
Nagano	11	14	23		11		14	22	14	9	10	8	7	14	15	8	7	11	9	8	5	6	6	232	Nagano
Gifu	55	48	41		33		24	40	39	29	30	28	20	28	25	27	29	17	24	14	23	32	26	632	Gifu
Shizuoka	47	38	37		25		12	15	15	9	8	8	12	13	4	11	9	6	7	17	11	6	9	319	Shizuoka
Aichi	60	53	61		46		34	36	40	27	30	23	26	24	21	21	19	29	28	29	20	21	25	673	Aichi
Mie	19	14	19		11		23	16	17	11	12	10	11	10	6	10	10	14	5	11	12	6	13	260	Mie
Shiga	14	6	8		13		11	17	14	15	8	10	8	9	9	6	6	6	10	5	8	7	7	197	Shiga

Kyoto	13	9	9		8		7	14	12	12	12	11	8	6	7	4	9	7	8	3	4	6	6	175	Kyoto
Osaka	25	20	22		22		15	12	10	7	3	7	11	13	7	13	12	7	15	7	7	5	11	251	Osaka
Hyogo	17	20	24		14		13	17	24	22	16	17	14	8	11	6	17	12	10	6	17	16	13	314	Hyogo
Nara	4	9	7		9		6	1	5	8	4	4	1	3	2	3	1	5	1	1	3	6	3	86	Nara
Wakayama	2	7	12		4		9	3	2	4	3	6	2		2	1	1	8		2	1		1	70	Wakayama
Tottori	7	3	2		1			4	3	1	1		1	2				2	1	1	1		1	31	Tottori
Shimane	13	8	14		15		9	7	8	3	5	7	7	3	8	5	10	5	4	3	1	1	4	140	Shimane
Okayama	31	34	36		23		23	26	13	18	13	19	12	19	16	12	20	13	7	9	16	17	14	391	Okayama
Hiroshima	10	15	19		12		9	10	10	12	6	9	7	8	8	6	8	14	6	6	4	5	9	193	Hiroshima
Yamaguchi	3	14	6		8		5	7	4	6	4	3	7	6	7		2	4	2	2	4	4	3	101	Yamaguchi
Tokushima	7	4	2		3		5	3	5	3	5	5	2	1	4	2	5	6	2	3	2		2	71	Tokushima
Kagawa	28	29	29		19		13	17	14	14	15	14	9	9	7	14	7	7	8	5	6	8	6	278	Kagawa
Ehime	16	14	17		11		14	6	14	8	6	6	4	12	9	3	8	8	8	10	6	3	8	191	Ehime
Kochi	14	5	8		7		7	5	10	5	9	4	3	6	4	1	5	4	8	2	6	4	5	122	Kochi
Fukuoka	19	23	18		12		17	10	20	15	13	21	13	10	22	17	11	12	16	12	10	10	5	306	Fukuoka
Saga	5	5	1		6		1	4	4	2	2			2		1	2	1		1	2	2	1	42	Saga
Nagasaki	14	9	4		4		10	8	11	5	6	5	7	5	1	2	4	7	2	4	4	8	4	124	Nagasaki
Kumamoto	16	7	20		16		9	8	13	5	7	3	8	3	5	2	1	3	3	3	2	3	6	143	Kumamoto
Oita	21	12	13		12		8	8	10	12	7	4	2	5	6	5	8	1	4		2	6	3	149	Oita
Miyazaki	7	9	5		8		11	6	3	6	3		6	6	3	2	7	3	3		3	4	1	96	Miyazaki
Kagoshima	16	9	13		4		4	4	2	7	3	3	1	1	1	2	4	2	1	3	1		1	82	Kagoshima
Okinawa	3	2	7		1		5		1	2	1		2	4	1	4	1	2	2		3	1	1	43	Okinawa
total	834	779	777		599		528	533	558	467	394	395	364	398	357	329	360	328	309	264	303	299	314	9,489	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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Type of fatal accidents in other sand and stone products 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	4		2	3	2	3	1	3	1		3	4		2	1	2	2	1		1	1	1		37	fall from height	
falling to same level		1	1									1												3	falling to same level	
crash																										crash
struck by flying or falling object			1	1		1						1		1		1	2							8	struck by flying or falling object	
collapse	1				1	1	1		2					2				1			1			10	collapse	
crashed by	2	1	5	1	1	2	1	1				1	1		1		1		1				1	20	crashed by	
caught in/between	4	7	3	2	8	4	1	5	7	3	7	6	5	2	1	5	1	1	2	3	1	1	3	82	caught in/between	

cut																									cut
injury to the sole of the foot				1																				1	injury to the sole of the foot
drown					1					2			2											5	drown
contact to high/low-temperature				1							1		1											3	contact to high/low-temperature
contact to harmful substance						1	1						1											3	contact to harmful substance
electric shock		1														1								2	electric shock
explosion									1					1										2	explosion
burst																									burst
fire																									fire
traffic accident (public road)	1										1				1									3	traffic accident (public road)
traffic accident (others)																									traffic accident (others)
reaction to motion/improper motion																									reaction to motion/improper motion
others													2											2	others
unclassifiable																									unclassifiable
total	12	10	13	8	14	12	4	9	11	7	11	14	10	8	4	9	6	3	3	4	3	2	4	181	total

Causal agents (large) of fatal accidents in other sand and stone products 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	3	4	3	4	5	2	2	1	4	2	3	2	1	4	2	3	1	1					1	48	machine
crane, conveying machine	4	5	6	1	5	5	1	5	4	1	4	7	5	1	1	3	2	1	3	2	1	1	3	71	crane, conveying machine
other equipment		1	1	1		1		1		1	1	2				1	2			1	1			14	other equipment
temporary buildings, establishments	4			2	2	2		1	1		3	2		1	1					1	1	1		23	temporary buildings, establishments
substance, material	1		2		2	1			1					1		1								9	substance, material
load			1			1		1	1	1				1		1		1						8	load
environment							1			2		1	4											8	environment
others																									others
total	12	10	13	8	14	12	4	9	11	7	11	14	10	8	4	9	6	3	3	4	3	2	4	181	total

Causal agents (middle) of fatal accidents in other sand and stone products 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)
-------------------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------	------------

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	1						1				1	6	truck	
forklift			1		1			1						1									4	forklift	
railway equipment																						1	1	railway equipment	
conveyor	2	5			3	2		4	2		2	4	2			3	1	1	1	2	1		1	36	conveyor
loader						1			1															2	loader
straddle carrier																									straddle carrier
rough terrain hauler																						1		1	rough terrain hauler
other powered conveying machines	2		2	1	1	1					1	1	1											10	other powered conveying machines
cars, bus, motorcycle																1								1	cars, bus, motorcycle
railway vehicle																									railway vehicle
other vehicles										1														1	other vehicles

inflammable substance																								inflammable substance
inflammable gas																								inflammable gas
harmful substance				1	1																		2	harmful substance
radiation																								radiation
other hazards, harmful substances								1															1	other hazards, harmful substances
metal material																								metal material
lumber, bamboo																								lumber, bamboo
stone, sand, substance	1		2		1											1							5	stone, sand, substance
other materials																								other materials
load			1				1	1					1		1		1						6	load
machine/equipment as load						1				1													2	machine/equipment as load
natural ground, rock							1																1	natural ground, rock
standing tree																								standing tree
water										2			4										6	water
abnormal environment																								abnormal environment
high/cold temperature environment												1											1	high/cold temperature environment

30-49		2	3		1	2		1	2		2	1		1	1	1							1	18	30-49	
50-99	1							1		2	1	1			1		2			1				10	50-99	
100-299						1			2	1			1	1		1		1					1	9	100-299	
300 workers or more																										300 workers or more
total	12	10	13	8	14	12	4	9	11	7	11	14	10	8	4	9	6	3	3	4	3	2	4	181	total	

Month of fatal accidents in other sand and stone products 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	2	1		2	3		1	1	1	1	2		2		1							1	19	January
February			1		1		1				1			3	1	3	1	1					1	14	February
March	2	1	3	1	1	1					1	3	4			1			1	1	1			21	March
April			1		1	2	1	1	3	2		1		1								2		15	April
May	1		1		1			1	1	1	1			1			1							9	May
June	1	2		2		2	2	2	1	2	2	1	3		2		1	1		1				25	June
July	1	1	1		1				3		1	2	2			1	2		2	1				18	July
August	2		1					1				3				1								8	August
September	2	3		2	1	1		1			1				1		1				2			15	September
October	1		1						2	1	1	1	1			1								9	October
November	1	1	3	1	4	2		2			1			1				1		1			1	19	November
December				2	2	1					1	1				1							1	9	December
total	12	10	13	8	14	12	4	9	11	7	11	14	10	8	4	9	6	3	3	4	3	2	4	181	total

Prefecture of fatal accidents in other sand and stone products 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			1			1	1							1							1	7	Hokkaido
Aomori			1								1													2	Aomori
Iwate													2											2	Iwate
Miyagi											1	2												3	Miyagi
Akita		1									1	1												3	Akita
Yamagata																	1							1	Yamagata
Fukushima		1			1		1	1					1				1					1	2	9	Fukushima
Ibaraki				1						1			1		1	1								5	Ibaraki
Tochigi								1	1	1		1												4	Tochigi
Gunma			2																					2	Gunma
Saitama		2					1	1		1							1							6	Saitama
Chiba			1	1		2			2		1	2								2		1		12	Chiba
Tokyo										1	1			1										3	Tokyo
Kanagawa									2		1	1												4	Kanagawa
Niigata								1	1			2									1			5	Niigata
Toyama					1	1		1				1												4	Toyama
Ishikawa						1					1													2	Ishikawa
Fukui																									Fukui
Yamanashi		1		1																				2	Yamanashi

Kumamoto	1											1												2	Kumamoto	
Oita	2												1	1											4	Oita
Miyazaki													1			1									2	Miyazaki
Kagoshima			1			1																			2	Kagoshima
Okinawa															1										1	Okinawa
total	12	10	13	8	14	12	4	9	11	7	11	14	10	8	4	9	6	3	3	4	3	2	4	181	total	

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

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