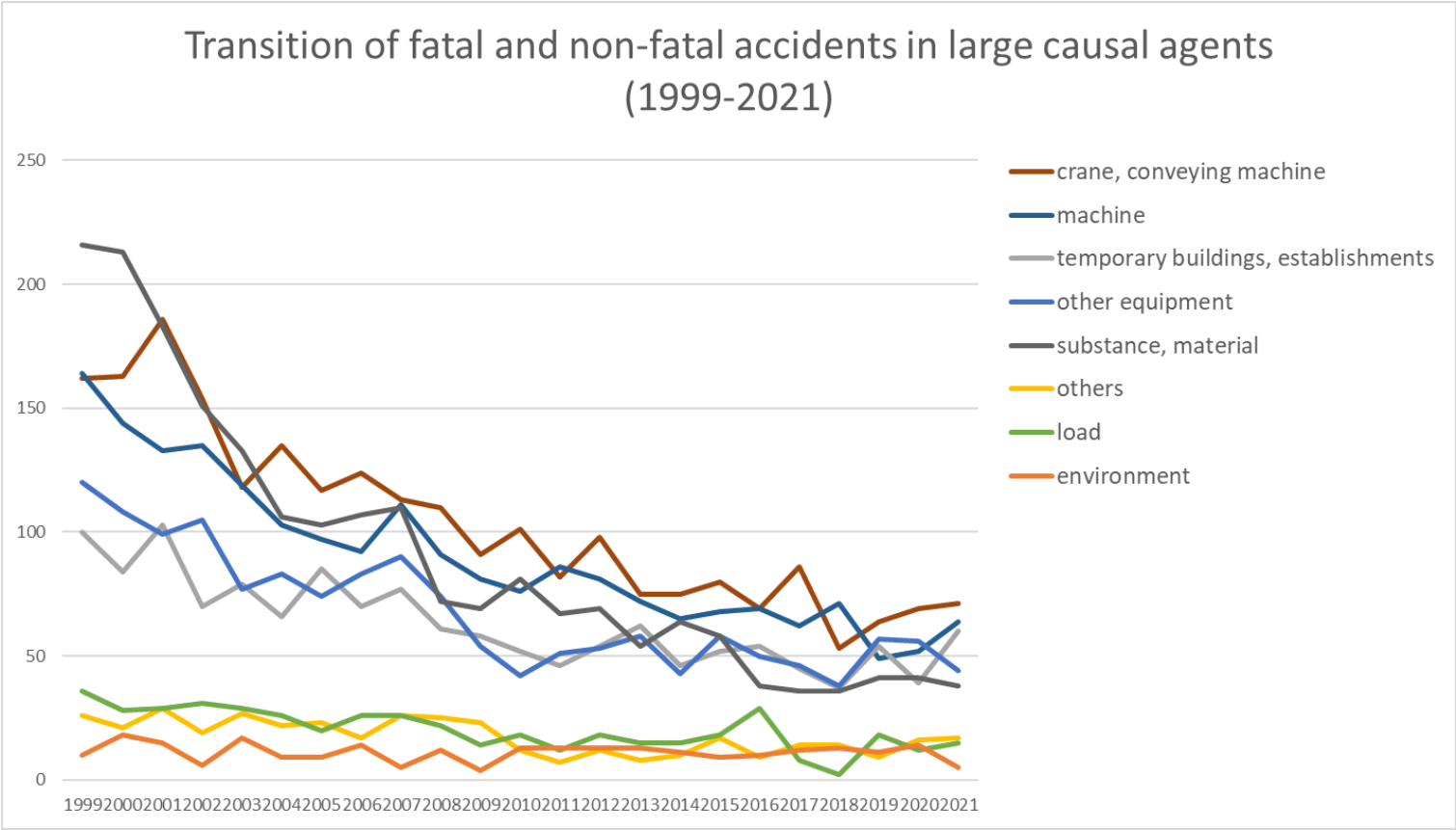
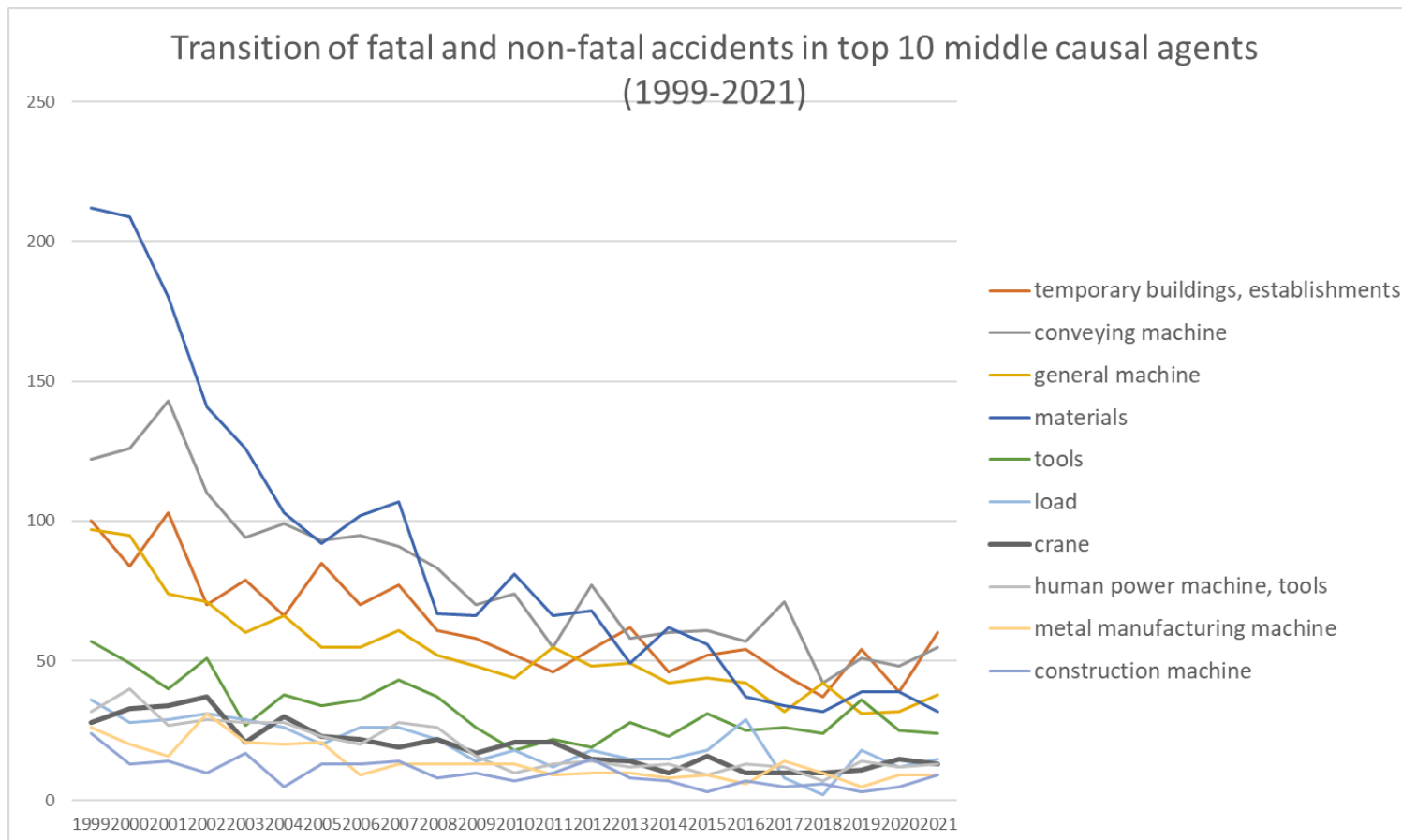


Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 010909 other sand and stone products (1999-2021)

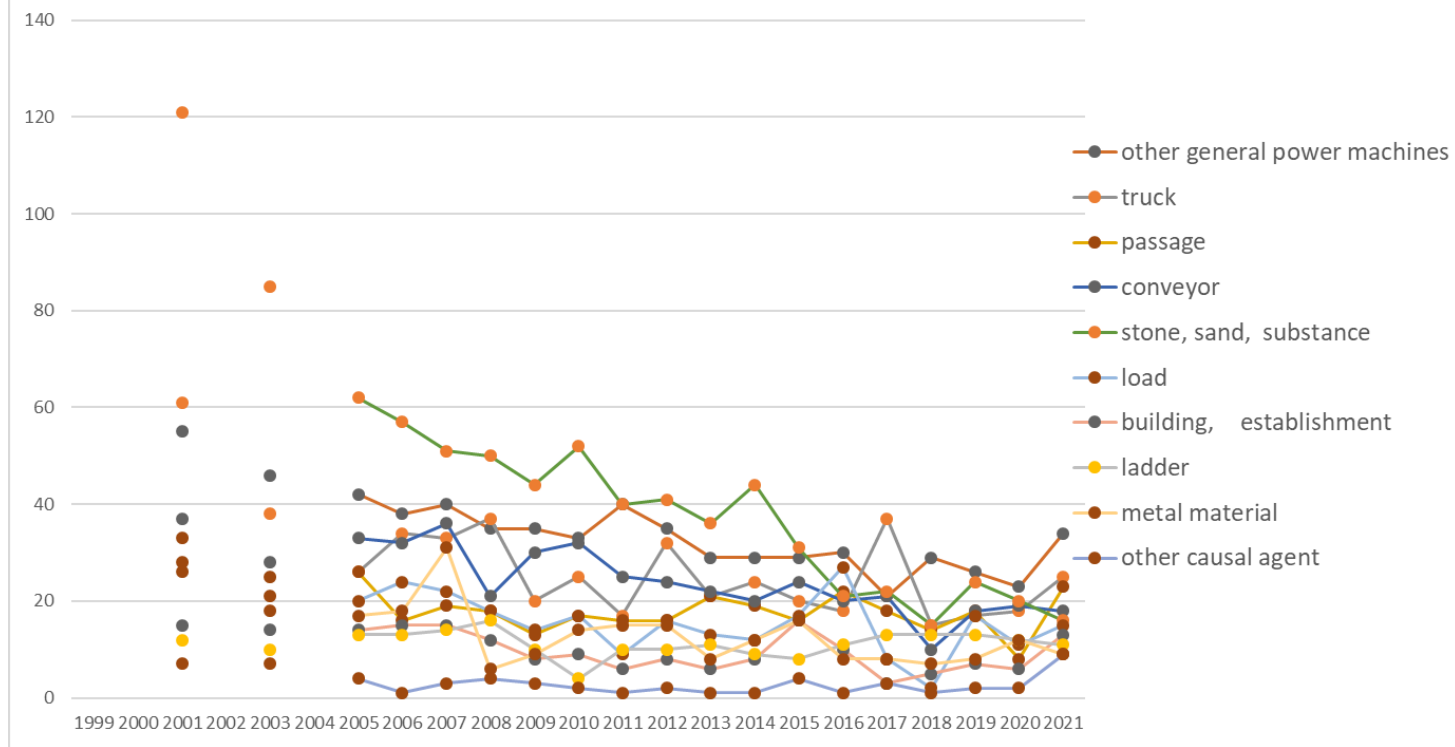


Transition of fatal and non-fatal accidents in large causal agents in code no. 010909 other sand and stone products (1999-2021)

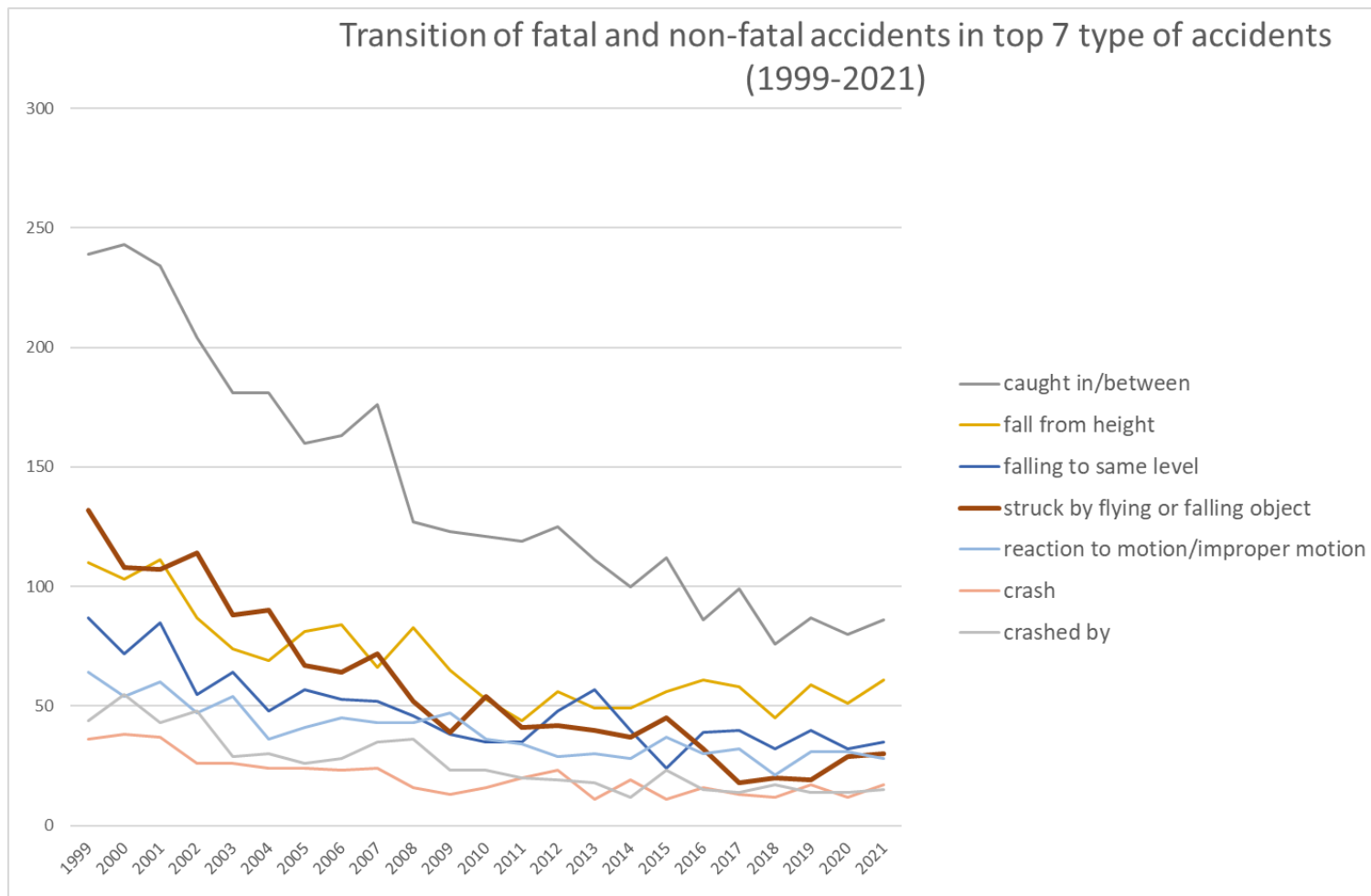


Transition of fatal and non-fatal accidents in middle causal agents in code no. 010909 other sand and stone products (1999-2021)

Transition of fatal and non-fatal accidents in top 10 small causal agents
(1999-2021)

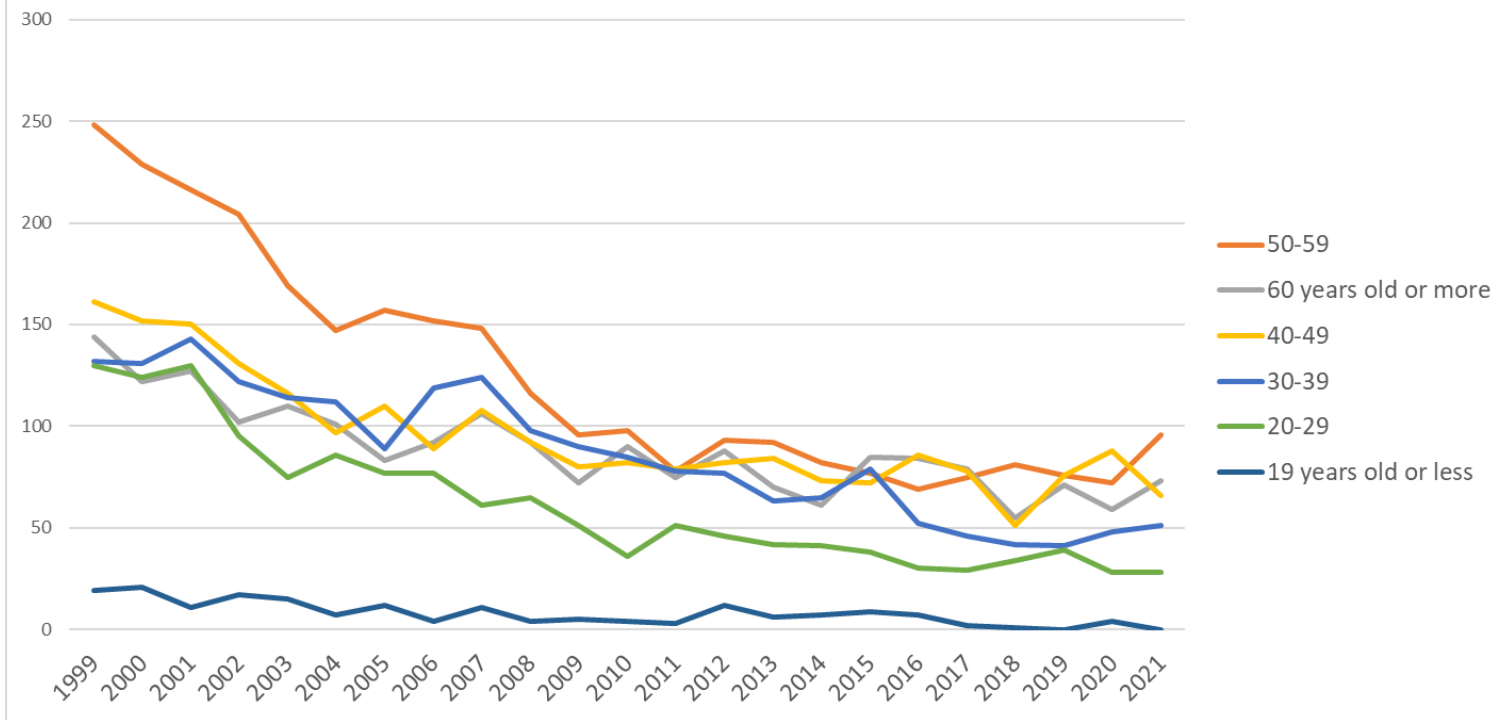


Transition of fatal and non-fatal accidents in small causal agents in code no. 010909 other sand and stone products (1999-2021)



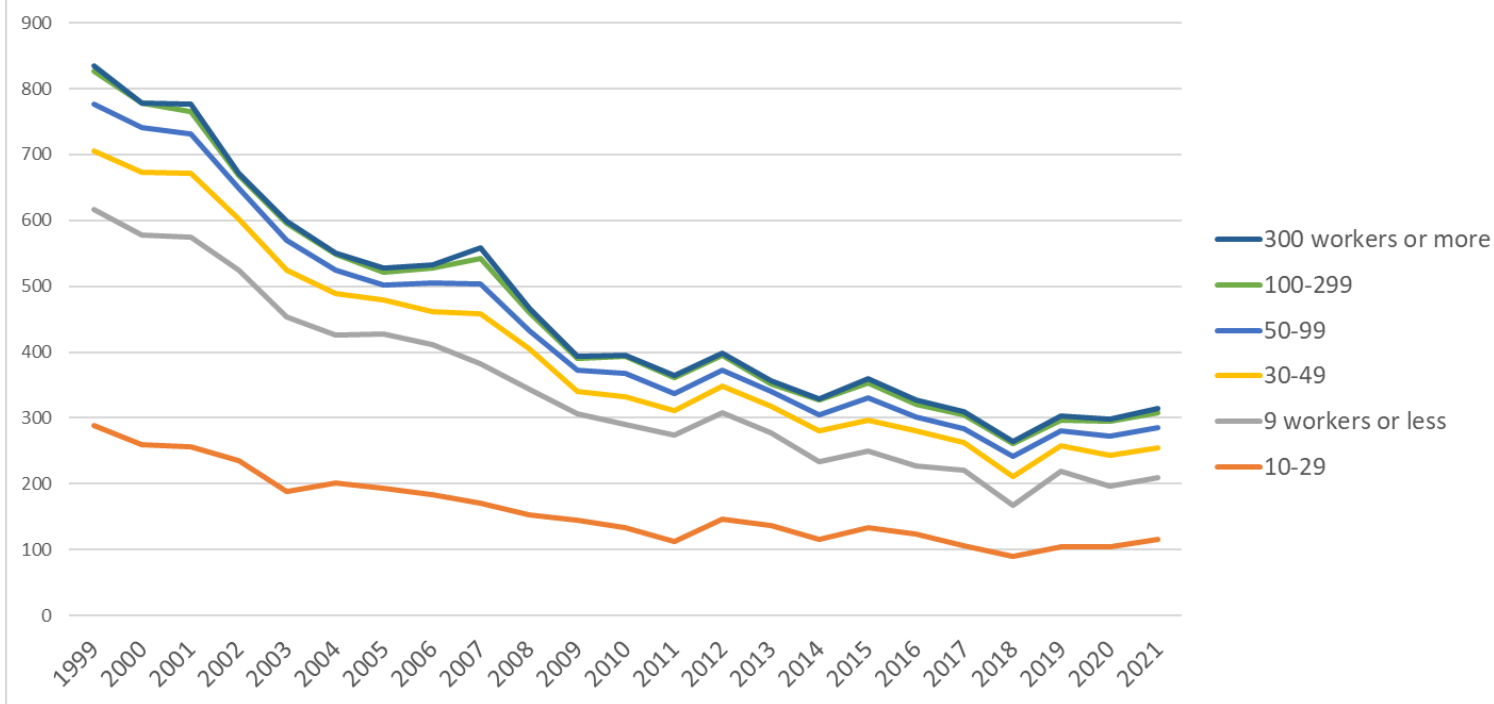
Transition of fatal and non-fatal accidents in type of accidents in code no. 010909 other sand and stone products (1999-2021)

Transition of fatal and non-fatal accidents in workers ages (1999-2021)



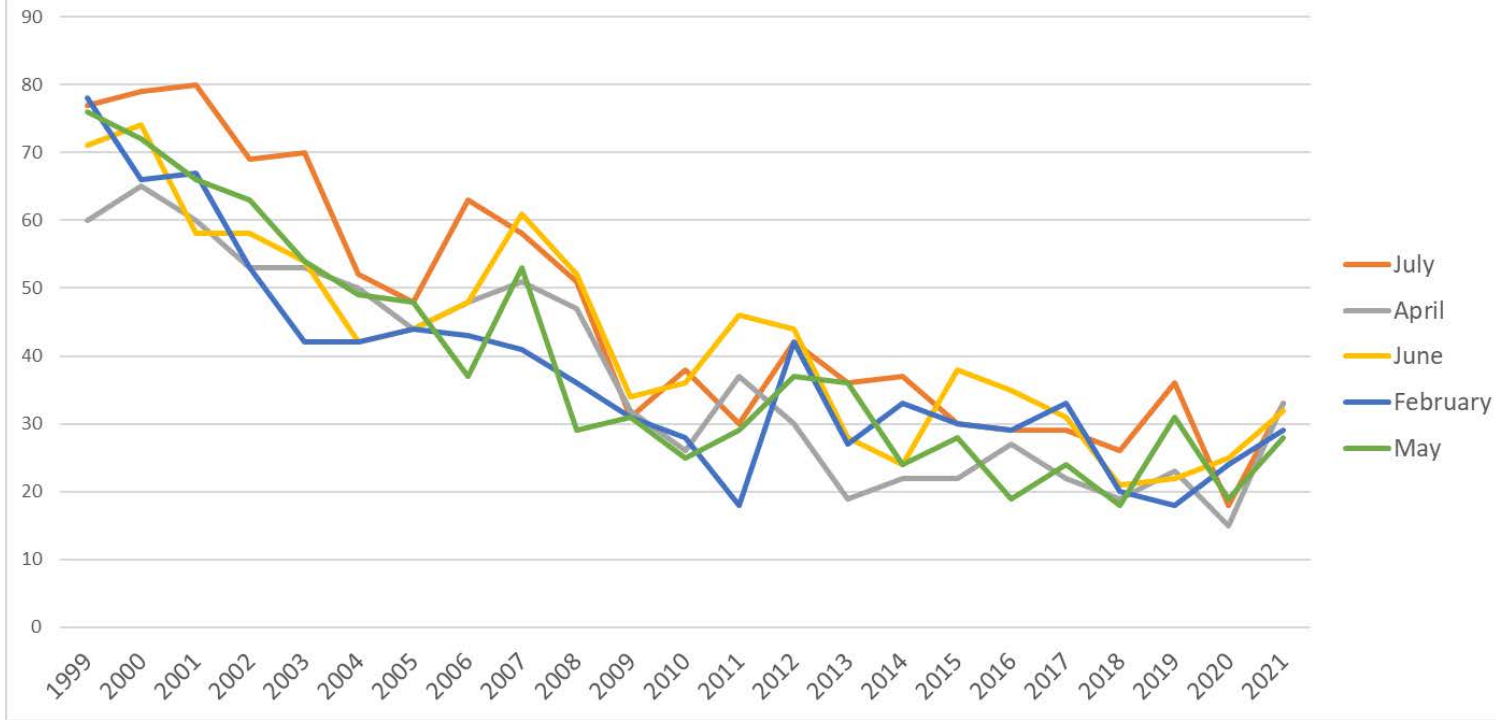
Transition of fatal and non-fatal accidents in workers ages in code no. 010909 other sand and stone products (1999-2021)

Transition of fatal and non-fatal accidents in workers scales (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 010909 other sand and stone products (1999-2021)

Transition of fatal and non-fatal accidents in top 5 months (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 010909 other sand and stone products (1999-2021)

Transition of fatal and non-fatal accidents in top 7 prefectures (1999-2021)

Y-axis: Number of accidents (0 to 70). X-axis: Year (1999 to 2021).

Legend:

- Gifu (Orange line)
- Aichi (Grey line)
- Saitama (Yellow line)
- Okayama (Blue line)
- Ibaraki (Green line)
- Hyogo (Dark Blue line)
- Fukushima (Brown line)

Year	Gifu	Aichi	Saitama	Okayama	Ibaraki	Hyogo	Fukushima
1999	55	60	19	31	53	17	14
2000	48	53	27	34	43	20	27
2001	41	61	27	36	43	24	23
2002							
2003	33	46	21	23	27	15	15
2004							
2005	24	34	22	23	27	13	11
2006	40	36	12	26	34	17	19
2007	39	40	25	24	27	24	12
2008	29	27	18	18	27	22	10
2009	30	30	12	14	18	16	5
2010	28	23	22	19	22	17	9
2011	20	26	20	12	26	14	8
2012	28	24	10	19	24	8	14
2013	25	21	12	16	21	11	13
2014	27	21	13	12	24	6	8
2015	29	20	14	20	25	17	6
2016	17	29	11	13	9	13	11
2017	24	28	12	7	12	10	12
2018	14	29	11	6	9	17	14
2019	23	20	11	17	16	17	12
2020	32	21	15	17	16	17	13
2021	26	25	19	14	14	14	13

Transition of fatal and non-fatal accidents in prefectures in code no. 010909 other sand and stone products (1999-2021)

[illegible][illegible]

4	establishments	100	84	103	70	79	66	85	70	77	61	58	52	46	54	62	46	52	54	45	37	54	39	60	1,454	buildings, establishments
3	other equipment	120	108	99	105	77	83	74	83	90	74	54	42	51	53	58	43	58	50	46	38	57	56	44	1,563	other equipment
5	substance, material	216	213	183	151	133	106	103	107	110	72	69	81	67	69	54	64	58	38	36	36	41	41	38	2,086	substance, material
9	others	26	21	29	19	27	22	23	17	26	25	23	12	7	12	8	10	17	9	14	14	9	16	17	403	others
6	load	36	28	29	31	29	26	20	26	26	22	14	18	12	18	15	15	18	29	8	2	18	12	15	467	load
7	environment	10	18	15	6	17	9	9	14	5	12	4	13	13	13	13	11	9	10	12	13	11	14	5	256	environment
	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

Transition of fatal and non-fatal accidents in middle causal agents in code no. 010909 other sand and stone products (1999-2021)

code	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
41	temporary buildings, establishments	100	84	103	70	79	66	85	70	77	61	58	52	46	54	62	46	52	54	45	37	54	39	60	1,454	temporary buildings, establishments
22	conveying machine	122	126	143	110	94	99	93	95	91	83	70	74	55	77	58	60	61	57	71	42	51	48	55	1,835	conveying machine
16	general machine	97	95	74	71	60	66	55	55	61	52	48	44	55	48	49	42	44	42	32	42	31	32	38	1,233	general machine
52	materials	212	209	180	141	126	103	92	102	107	67	66	81	66	68	49	62	56	37	34	32	39	39	32	2,000	materials
37	tools	57	49	40	51	27	38	34	36	43	37	26	18	22	19	28	23	31	25	26	24	36	25	24	739	tools
61	load	36	28	29	31	29	26	20	26	26	22	14	18	12	18	15	15	18	29	8	2	18	12	15	467	load
21	crane	28	33	34	37	21	30	23	22	19	22	17	21	21	15	14	10	16	10	10	10	11	15	13	452	crane

[illegible]

34	kiln, caldron	2	3	8	2				3	2	3	1	1	3	2	3	2	2	1			2		1	41	kiln, caldron
35	electric equipment	5	3	1	1	1		3	2		3	2	2	2	1	1			1		1				29	electric equipment
99	unclassifiable	3	1		1		2	2	1	2	2				1			1		2					18	unclassifiable
33	welding equipment	1			1	2						1		1				3	1	1					11	welding equipment
31	pressure vessel		1	2			1			1								1					1		7	pressure vessel
11	engine			1	1								1									1			4	engine
32	chemical facilities				1					1															2	chemical facilities
17	mobile silviculture machine																									mobile silviculture machine
	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

Transition of fatal and non-fatal accidents in small causal agents in code no. 010909 other sand and stone products (1999-2021)

code	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
169	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
221	truck			61		38		26	34	33	37	20	25	17	32	21	24	20	18	37	15	17	18	25	518	truck
417	passage			33		21		26	16	19	18	13	17	16	16	21	19	16	22	18	14	18	8	23	354	passage
224	conveyor			37		28		33	32	36	21	30	32	25	24	22	20	24	20	21	10	18	19	18	470	conveyor
523	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
611	load			26		25		20	24	22	18	14	17	9	16	13	12	17	27	8	2	17	11	15	313	load

418	building, establishment			15		14		14	15	15	12	8	9	6	8	6	8	16	10	3	5	7	6	13	190	building, establishment
371	ladder			12		10		13	13	14	16	10	4	10	10	11	9	8	11	13	13	13	12	11	213	ladder
521	metal material			28		18		17	18	31	6	9	14	15	15	8	12	16	8	8	7	8	12	9	259	metal material
911	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
921	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
379	other tools			21		9		15	16	14	11	10	12	7	7	12	8	16	10	11	10	16	8	8	221	other tools
364	hand tool			18		18		16	11	17	17	11	5	9	10	9	8	4	10	7	6	5	6	8	195	hand tool
211	crane			14		15		11	16	11	10	10	10	7	7	5	6	8	6	3	4	7	11	8	169	crane
222	forklift			24		8		17	16	14	15	14	8	5	13	10	7	11	12	6	12	7	8	7	214	forklift
529	other materials			24		16		8	20	17	7	6	11	7	9	5	6	8	5	3	7	5	6	7	177	other materials
413	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
391	other equipment, facilities			21		19		14	22	15	5	8	11	10	17	14	5	12	9	7	6	5	18	6	224	other equipment, facilities
419	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
121	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
372	slinging tool			7		8		6	7	15	10	6	2	5	2	5	6	7	4	2	1	7	5	5	110	slinging tool
416	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
162	mixer, grinder			13		10		9	6	16	12	7	6	12	11	12	10	8	9	6	8	3	4	4	166	mixer, grinder
229	other powered			15		13		10	9	6	6	2	5	6	3	5	8	5	3	4	2	5	3	4	114	other powered

[illegible]

219	other powered crane			4			1		1	1	1	2	3	2		1	1		1	1			2	21	other powered crane	
514	harmful substance					3		5	4		3										1	1	2	19	harmful substance	
412	timbering			1		2		1	1	1	1	2		1		1		1				1	2	15	timbering	
131	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
719	other environments			4		4		6	4	1	2	1	2	3	5	6	3	3	2	6	7	5	2	1	67	other environments
715	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
411	scaffolding			5		3		4		2	5	2		2		2		2		1	1	2	2	1	34	scaffolding
225	loader			2		1		2	2	2	1	1	3	1	2		1	1	1	2	1	2		1	26	loader
414	opening			1		3			2			1	1		2	1	1	1	1	1	1	2	5	1	24	opening
519	other hazards, harmful substances			1		2		1	1	3	1	1		1		2		2		2	4	1	1	1	24	other hazards, harmful substances
136	chain saw							1	2		2	1	2	1		2			1		1			1	14	chain saw
361	human power cranes									1	3		1				1	2	1			1	1	1	12	human power cranes
342	industrial dryer												1	1		1			1			1		1	6	industrial dryer
156	shearing machine							1							1					1			1	1	5	shearing machine
132	band sawing machine												1								1			1	3	band sawing machine
522	lumber, bamboo			7		7		5	7	8	4	7	4	4	3			1	3	1	3	2	1		67	lumber, bamboo
163	roll machine (except printingroll			5				1	7	4	2	4	3	2	2	5	2	3	1	4	3	2	5		55	roll machine (except printingroll

[illegible]

161	centrifugal machine							1	1		1					1		1	1						6	centrifugal machine
223	railway equipment					1		1	1			1			1							1			6	railway equipment
166	printing machine					1		1		1	1		1												5	printing machine
339	other welding equipment					1						1						1	1	1					5	other welding equipment
143	foundation work machine			1					1	1		1													4	foundation work machine
513	inflammable gas										1					3									4	inflammable gas
111	engine			1									1									1			3	engine
144	hardening machine							1	1						1										3	hardening machine
165	food manufacturing machine			1												1					1				3	food manufacturing machine
312	pressure vessel			1														1					1		3	pressure vessel
332	arc welding equipment					1								1				1							3	arc welding equipment
714	abnormal environment										1		1							1					3	abnormal environment
134	hollow chisel mortiser, wood borer								1														1		2	hollow chisel mortiser, wood borer
146	vehicle for high lift work			1											1										2	vehicle for high lift work
319	other pressure vessels			1						1															2	other pressure vessels
349	other kiln, caldron			2																					2	other kiln, caldron

351	transmission						2																	2	transmission
511	explosive substance										1			1										2	explosive substance
133	wood planer machine															1								1	wood planer machine
135	chamfering machine, router, woodworking milling machine					1																		1	chamfering machine, router, woodworking milling machine
155	forging pressure hammer									1														1	forging pressure hammer
214	elevator, lift									1														1	elevator, lift
217	lumberyard equipment, logging cableway								1															1	lumberyard equipment, logging cableway
226	straddle carrier					1																		1	straddle carrier
321	chemical facilities									1														1	chemical facilities
331	gas welding equipment															1								1	gas welding equipment
171	felling machine																								felling machine
172	mobile logging machine																								mobile logging machine
173	skyline yarding machine																								skyline yarding machine
179	other mobile silviculture machine																								other mobile silviculture machine

213	derrick crane																											derrick crane
215	cargo lifting appliance																											cargo lifting appliance
216	gondola																											gondola
218	simple skyline yarding equipment																											simple skyline yarding equipment
232	railway vehicle																											railway vehicle
311	boiler																											boiler
515	radiation																											radiation
	total			777		599		528	533	558	467	394	395	364	398	357	329	360	328	309	264	303	299	314	7,876			total

Transition of fatal and non-fatal accidents in type of accidents in code no. 010909 other sand and stone products (1999-2021)

code	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
07	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
01	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
02	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
04	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
19	reaction to motion/improper motion	64	54	60	47	54	36	41	45	43	43	47	36	34	29	30	28	37	30	32	21	31	31	28	901	reaction to motion/improper motion
03	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
06	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

code	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
5	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
6	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
4	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
3	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
2	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
1	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
	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

Transition of fatal and non-fatal accidents in workers scales in code no. 010909 other sand and stone products (1999-2021)

code	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
2	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
1	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
3	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
4	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
5	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
6	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

Transition of fatal and non-fatal accidents in months in code no. 010909 other sand and stone products (1999-2021)

[illegible]

7	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
4	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
6	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
2	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
5	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
1	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
3	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
9	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
10	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
11	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
8	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
12	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

Transition of fatal and non-fatal accidents in prefectures in code no. 010909 other sand and stone products (1999-2021)

code	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
21	Gifu	55	48	41		33		24	40	39	29	30	28	20	28	25	27	29	17	24	14	23	32	26	632	Gifu
23	Aichi	60	53	61		46		34	36	40	27	30	23	26	24	21	21	19	29	28	29	20	21	25	673	Aichi
11	Saitama	19	27	27		21		22	12	25	19	12	22	20	8	11	13	14	10	10	6	11	15	19	343	Saitama
33	Okayama	31	34	36		23		23	26	13	18	13	19	12	19	16	12	20	13	7	9	16	17	14	391	Okayama
8	Ibaraki	53	43	43		27		27	34	27	28	18	22	26	24	21	24	25	9	12	9	16	13	13	514	Ibaraki
28	Hyogo	17	20	24		14		13	17	24	22	16	17	14	8	11	6	17	12	10	6	17	16	13	314	Hyogo
7	Fukushima	14	27	23		15		11	19	12	10	5	9	8	14	13	8	6	11	12	14	12	13	13	269	Fukushima
24	Mie	19	14	19		11		23	16	17	11	12	10	11	10	6	10	10	14	5	11	12	6	13	260	Mie

[illegible]

35	Yamaguchi	3	14	6		8		5	7	4	6	4	3	7	6	7		2	4	2	2	4	4	3	101	Yamaguchi
29	Nara	4	9	7		9		6	1	5	8	4	4	1	3	2	3	1	5	1	1	3	6	3	86	Nara
18	Fukui	9	7	3					1	1	1	3	1	2	2	1	1	1	2	3		3	1	3	45	Fukui
10	Gunma	20	14	23		10		14	5	10	4	8	6	4	7	5	10	5	6	4	5	11	5	2	178	Gunma
16	Toyama	16	12	6		11		5	11	7	8	9	5	5	7	4	6	5	2	4	3	2	5	2	135	Toyama
2	Aomori	14	12	9		2		4	5		4	5	1	1	1	4	2	2	2	2	1	7	6	2	86	Aomori
36	Tokushima	7	4	2		3		5	3	5	3	5	5	2	1	4	2	5	6	2	3	2		2	71	Tokushima
6	Yamagata	12	9	10		9		3	6	6	2	5	2	2	7	4	3	4	5	5	3	2		1	100	Yamagata
45	Miyazaki	7	9	5		8		11	6	3	6	3		6	6	3	2	7	3	3		3	4	1	96	Miyazaki
5	Akita	15	8	6		5		2	5	4	4	9	3	5	2	4	4	4	1	2	4	2	2	1	92	Akita
17	Ishikawa	4	8	4		7		6	4	10	6	4	3	1	1	4		2	3	4	3	5	4	1	84	Ishikawa
46	Kagoshima	16	9	13		4		4	4	2	7	3	3	1	1	1	2	4	2	1	3	1		1	82	Kagoshima
30	Wakayama	2	7	12		4		9	3	2	4	3	6	2		2	1	1	8		2	1		1	70	Wakayama
47	Okinawa	3	2	7		1		5		1	2	1		2	4	1	4	1	2	2		3	1	1	43	Okinawa
41	Saga	5	5	1		6		1	4	4	2	2			2		1	2	1		1	2	2	1	42	Saga
31	Tottori	7	3	2		1			4	3	1	1		1	2				2	1	1	1		1	31	Tottori
	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

Data source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm>

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