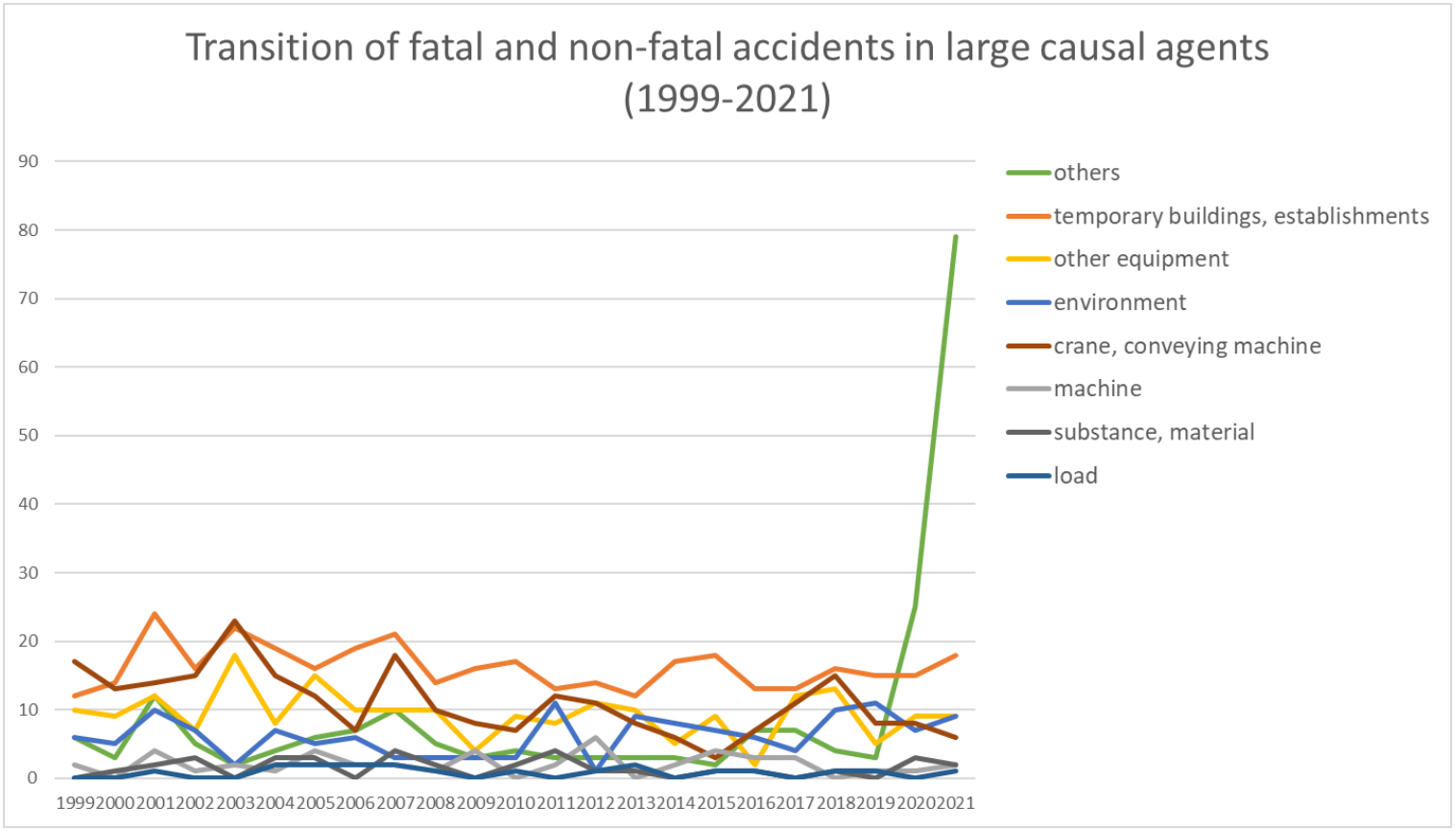
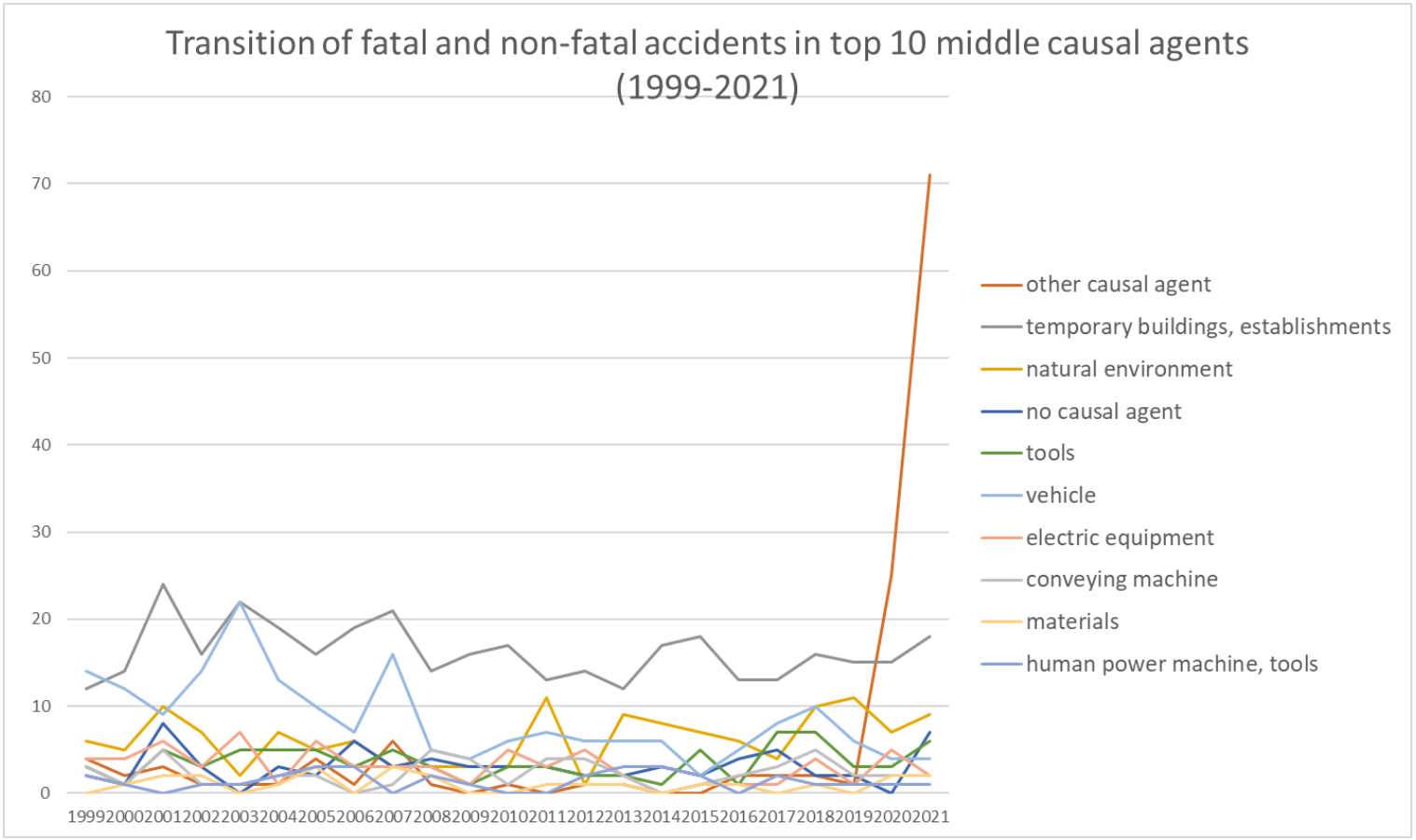
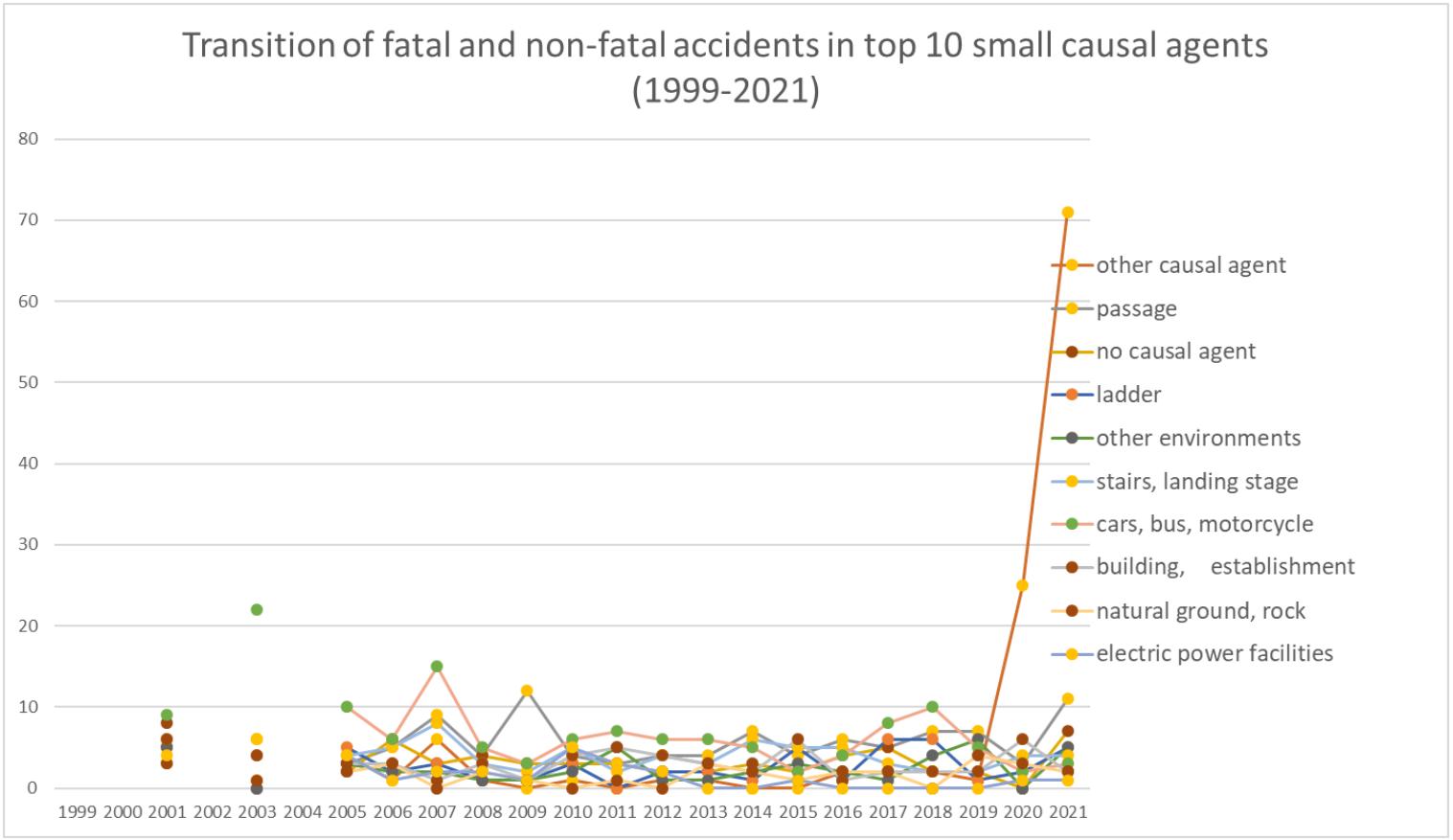
Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 011601 electric utility service (1999-2021)



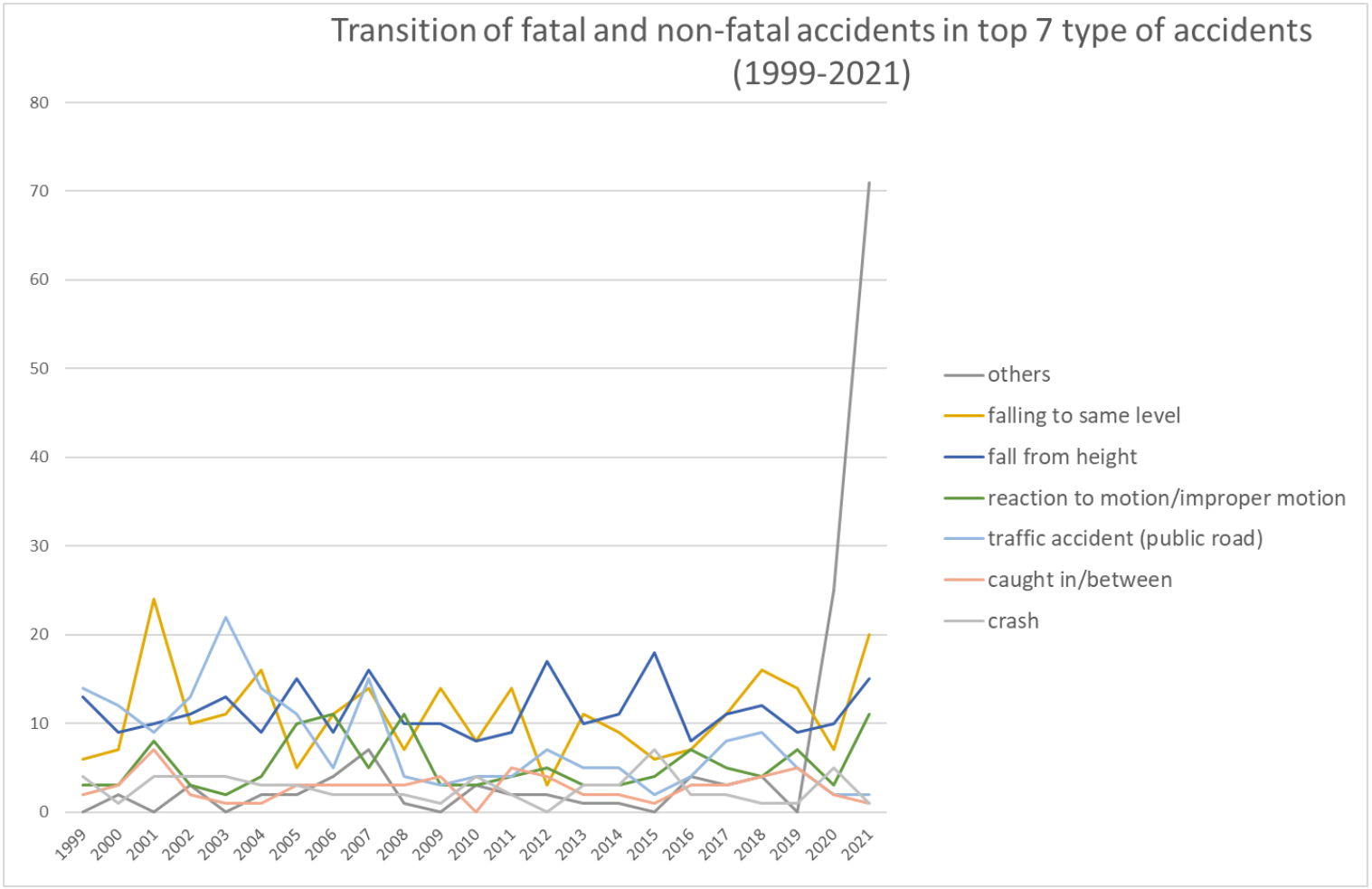
Transition of fatal and non-fatal accidents in large causal agents in code no. 011601 electric utility service (1999-2021)



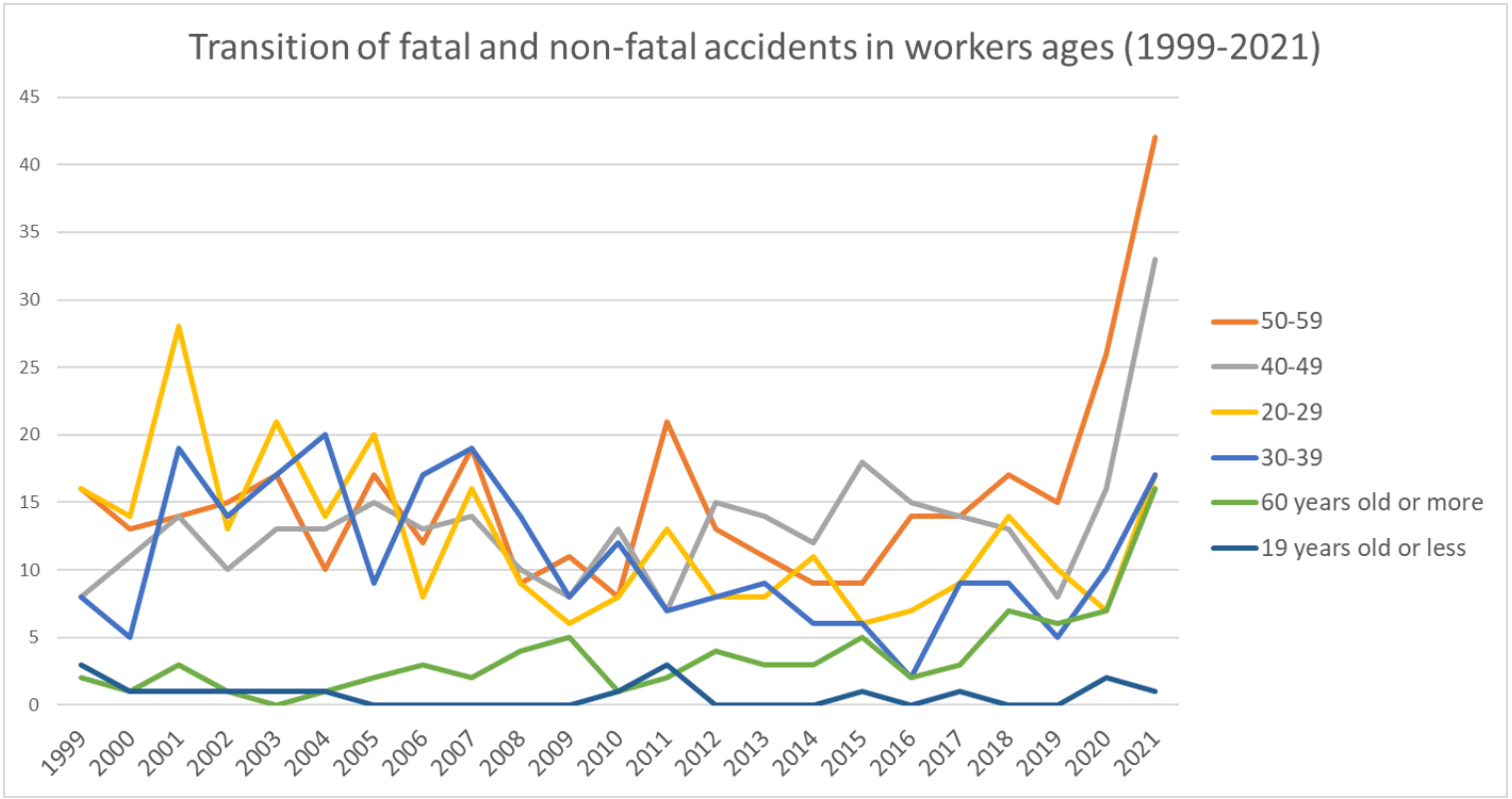
Transition of fatal and non-fatal accidents in middle causal agents in code no. 011601 electric utility service (1999-2021)



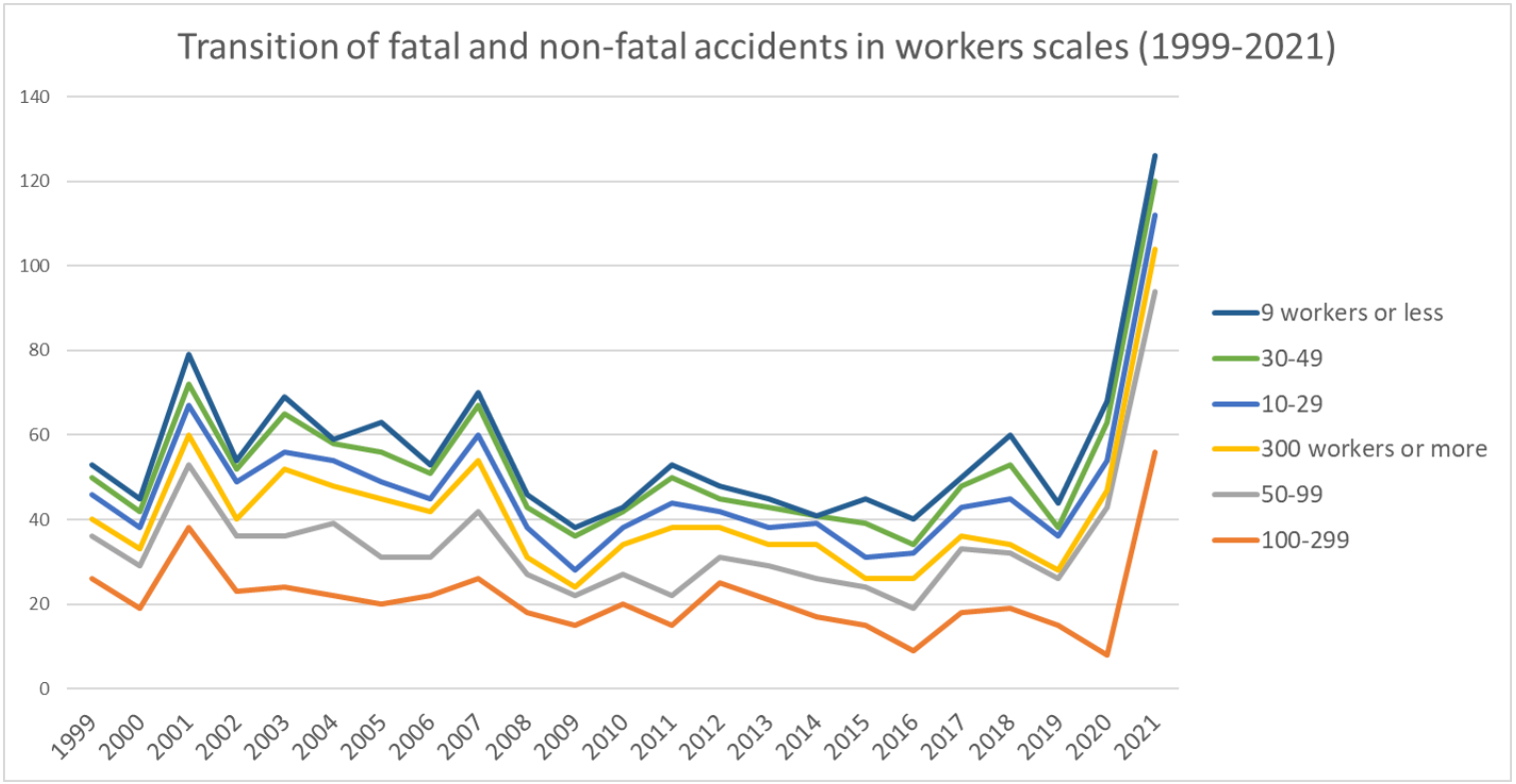
Transition of fatal and non-fatal accidents in small causal agents in code no. 011601 electric utility service (1999-2021)



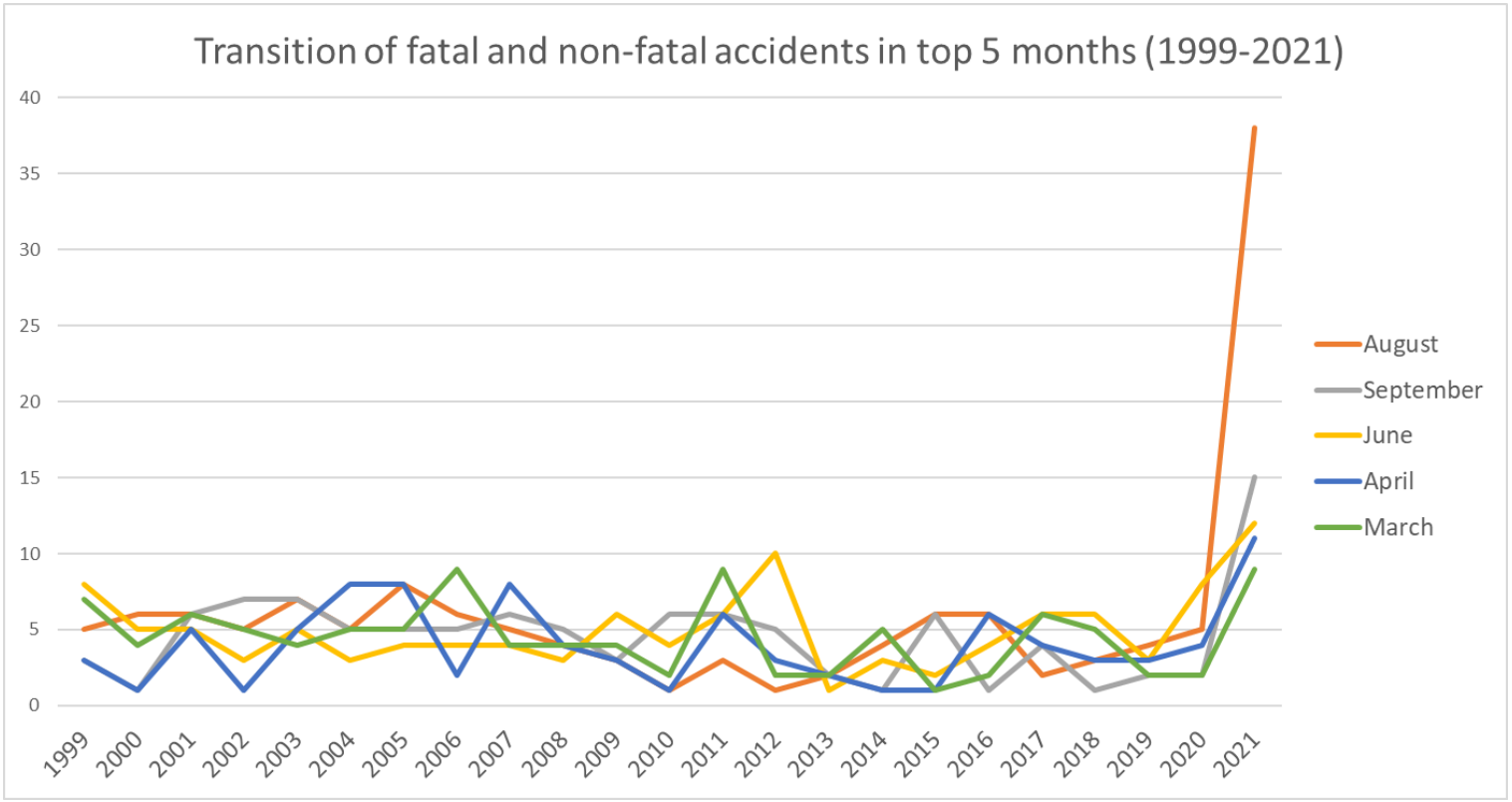
Transition of fatal and non-fatal accidents in type of accidents in code no. 011601 electric utility service (1999-2021)



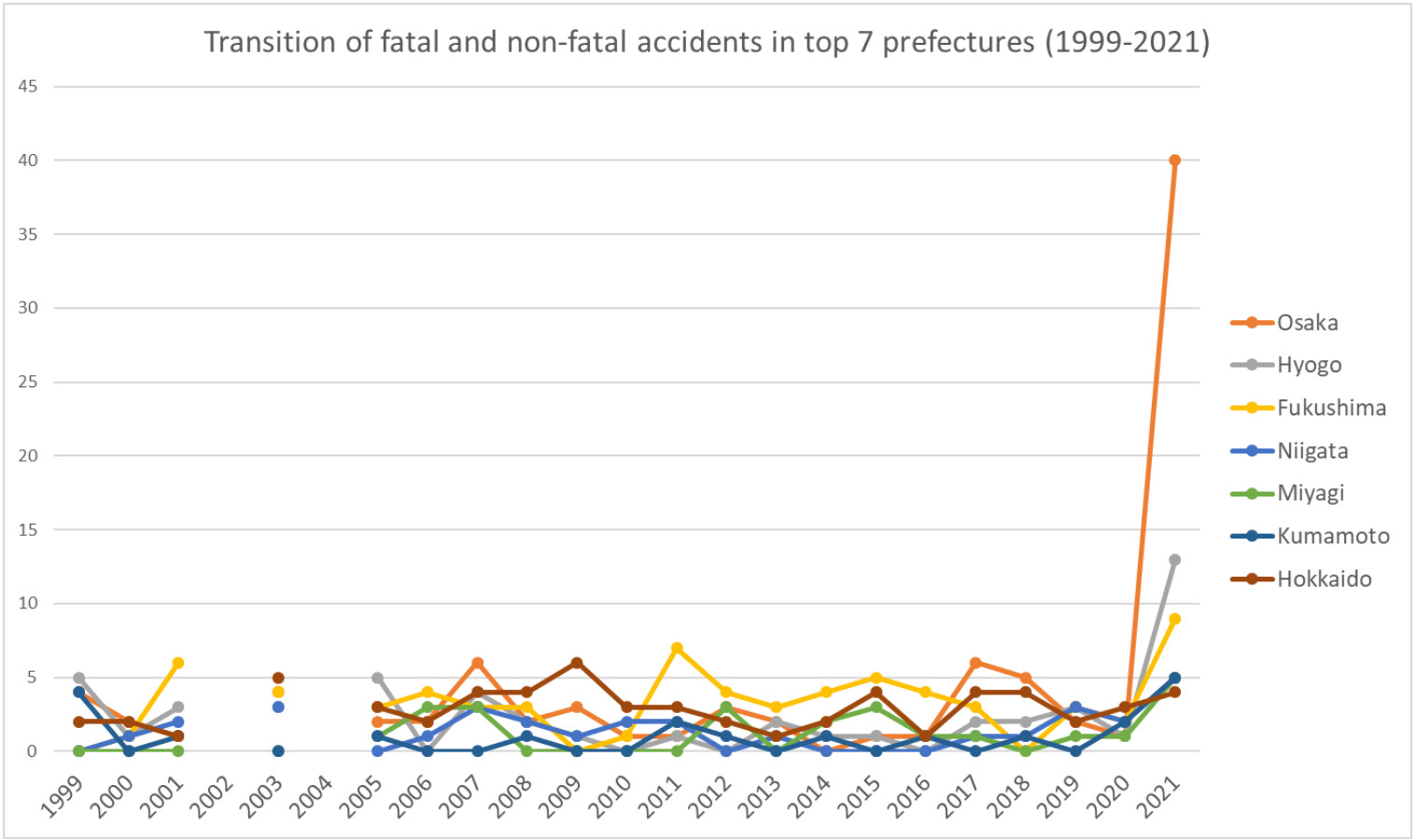
Transition of fatal and non-fatal accidents in workers ages in code no. 011601 electric utility service (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 011601 electric utility service (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 011601 electric utility service (1999-2021)



Transition of fatal and non-fatal accidents in prefectures in code no. 011601 electric utility service (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 011601 electric utility service (1999-2021)

code	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
9	others	6	3	12	5	2	4	6	7	10	5	3	4	3	3	3	3	2	7	7	4	3	25	79	206	others
4	temporary buildings, establishments	12	14	24	16	22	19	16	19	21	14	16	17	13	14	12	17	18	13	13	16	15	15	18	374	temporary buildings, establishments
3	other equipment	10	9	12	7	18	8	15	10	10	10	4	9	8	11	10	5	9	2	12	13	5	9	9	215	other

																										equipment
7	environment	6	5	10	7	2	7	5	6	3	3	3	3	11	1	9	8	7	6	4	10	11	7	9	143	environment
2	crane, conveying machine	17	13	14	15	23	15	12	7	18	10	8	7	12	11	8	6	3	7	11	15	8	8	6	254	crane, conveying machine
1	machine	2		4	1	2	1	4	2	2	1	4		2	6		2	4	3	3		1	1	2	47	machine
5	substance, material		1	2	3		3	3		4	2		2	4	1	1		1	1		1		3	2	34	substance, material
6	load			1			2	2	2	2	1		1		1	2		1	1		1	1		1	19	load
	total	53	45	79	54	69	59	63	53	70	46	38	43	53	48	45	41	45	40	50	60	44	68	126	1,292	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 011601 electric utility service (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
91	other causal agent	4	2	3	1	1	1	4	1	6	1		1		1	1			2	2	2	1	25	71	130	other causal agent
41	temporary buildings, establishments	12	14	24	16	22	19	16	19	21	14	16	17	13	14	12	17	18	13	13	16	15	15	18	374	temporary buildings, establishments
71	natural environment	6	5	10	7	2	7	5	6	3	3	3	3	11	1	9	8	7	6	4	10	11	7	9	143	natural environment
92	no causal agent	2	1	8	3		3	2	6	3	4	3	3	3	2	2	3	2	4	5	2	2		7	70	no causal agent
37	tools	3	1	5	3	5	5	5	3	5	3	1	3	3	2	2	1	5	1	7	7	3	3	6	82	tools
23	vehicle	14	12	9	14	22	13	10	7	16	5	4	6	7	6	6	6	2	5	8	10	6	4	4	196	vehicle

35	electric equipment	4	4	6	3	7	1	6	3	3	3	1	5	3	5	2		1	1	1	4	1	5	2	71	electric equipment
22	conveying machine	3	1	5	1	1	2	2		1	5	4	1	4	4	2		1	2	3	5	2	2	2	53	conveying machine
52	materials		1	2	2		1	3		3	2			1	1	1		1	1		1		2	2	24	materials
36	human power machine, tools	2	1		1	1	2	3	3		2	1			2	3	3	2		2	1	1	1	1	32	human power machine, tools
14	construction machine	2		1			1	3	1	1	1	1		1	3			3		2		1	1	1	23	construction machine
61	load			1			2	2	2	2	1		1		1	2		1	1		1	1		1	19	load
99	unclassifiable			1	1	1				1									1					1	6	unclassifiable
13	woodworking machine			1								1					1			1				1	5	woodworking machine
39	other equipments, facilities		3			5		1	1	2	2			2	2	2	1	1		1					23	other equipments, facilities
51	hazards, harmful substances				1		2			1			2	3									1		10	hazards, harmful substances
16	general machine			1					1			1		1	1			1	1						7	general machine
31	pressure vessel	1		1								1	1			1				1	1				7	pressure vessel
11	engine					1		1		1		1			2										6	engine
21	crane									1				1	1								2		5	crane
																										power

12	power transmission mechanism			1	1												1		1						4	transmission mechanism
15	metal manufacturing machine					1																			1	metal manufacturing machine
17	mobile silviculture machine																		1						1	mobile silviculture machine
32	chemical facilities																									chemical facilities
33	welding equipment																									welding equipment
34	kiln, caldron																									kiln, caldron
	total	53	45	79	54	69	59	63	53	70	46	38	43	53	48	45	41	45	40	50	60	44	68	126	1,292	total

Transition of fatal and non-fatal accidents in small causal agents in code no. 011601 electric utility service (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
911	other causal agent			3		1		4	1	6	1		1		1	1			2	2	2	1	25	71	122	other causal agent
417	passage			5		6		3	5	9	4	12	4	3	4	4	7	4	6	5	7	7	3	11	109	passage
921	no causal agent			8				2	6	3	4	3	3	3	2	2	3	2	4	5	2	2		7	61	no causal agent
371	ladder			5		4		5	2	3	1	1	3		2	2	1	5	1	6	6	1	2	5	55	ladder
719	other environments			5				3	2	2	1	1	2	5	1	1	2	3	2	1	4	6		5	46	other environments
413	stairs, landing stage			6		6		4	5	8	3	2	5	2	4	3	6	5	5	3	2	2	4	4	79	stairs, landing stage
231	cars, bus,			9		22		10	6	15	5	3	6	7	6	6	5	2	4	8	10	5	2	3	134	cars, bus,

	motorcycle																									motorcycle
418	building, establishment			6		4		3	3	1	3	1	4	5	4	3	2	6	1	2	2	2	6	2	60	building, establishment
711	natural ground, rock			3		1		2	3		2	1		1		3	2	1	2	2		4	3	2	32	natural ground, rock
352	electric power facilities			4		6		4	1	2	2	1	5	3	2			1					1	1	33	electric power facilities
221	truck			4		1		2			3	2		2	3	1			1	1	1	1	1	1	24	truck
351	transmission			2		1		2	1	1					3	2			1	1	3	1	4	1	23	transmission
224	conveyor			1						1	2	2		2	1	1		1	1	2	2	1		1	18	conveyor
715	high/cold temperature environment												1	1		1	1	1	2	1	1	1	3	1	14	high/cold temperature environment
379	other tools								1	2	1			3						1	1	2	1	1	13	other tools
362	human power hauling equipment					1		2	1			1				2	2	1				1		1	12	human power hauling equipment
239	other vehicles								1	1		1					1		1			1	2	1	9	other vehicles
411	scaffolding			1					2	1			1			1								1	7	scaffolding
529	other materials							2								1			1		1			1	6	other materials
136	chain saw			1								1					1			1				1	5	chain saw
999	unclassifiable			1		1				1									1					1	5	unclassifiable
522	lumber, bamboo			1				1										1						1	4	lumber, bamboo
612	machine/equipment as load			1						1					1									1	4	machine/equipment as load
	leveling,																									leveling,

141	transporting or loading machine																							1	1	transporting or loading machine
714	abnormal environment																							1	1	abnormal environment
419	other temporary buildings, establishments			2		2		3	3		3	1	3	1			2	2			2	3	2		29	other temporary buildings, establishments
391	other equipment, facilities					5		1	1	2	2			2	2	2	1	1		1					20	other equipment, facilities
712	standing tree			2		1				1		1		1		3	3	2			5		1		20	standing tree
416	working platform, boot board			4		1		2	1	1	1			2				1		3	2				18	working platform, boot board
146	vehicle for high lift work							2	1	1		1		1	3			3		2		1	1		16	vehicle for high lift work
611	load							2	2	1	1		1			2		1	1		1	1			13	load
364	hand tool								2		2				1	1	1	1		2	1		1		12	hand tool
521	metal material			1						2	1			1	1								2		8	metal material
415	roof, beam, haze, crossbeam, principal rafter					3									1				1		1	1			7	roof, beam, haze, crossbeam, principal rafter
111	engine					1		1		1		1			2										6	engine
169	other general power machines			1					1					1	1			1	1						6	other general power machines
212	mobile crane									1				1	1								2		5	mobile crane
713	water								1					3		1									5	water

311	boiler			1									1			1				1					4	boiler
414	opening							1		1					1	1									4	opening
513	inflammable gas									1				3											4	inflammable gas
121	power transmission mechanism			1													1		1						3	power transmission mechanism
229	other powered conveying machines																				2		1		3	other powered conveying machines
359	other electrical equipment								1		1										1				3	other electrical equipment
514	harmful substance												2										1		3	harmful substance
149	other construction machines			1							1														2	other construction machines
319	other pressure vessels											1									1				2	other pressure vessels
372	slinging tool					1					1														2	slinging tool
523	stone, sand, substance									1	1														2	stone, sand, substance
142	excavating machine							1																	1	excavating machine
153	grinding machine, buffing machine					1																			1	grinding machine, buffing machine
162	mixer, grinder											1													1	mixer, grinder
171	felling machine																		1						1	felling machine
222	forklift												1												1	forklift
361	human power							1																	1	human power

	cranes																									cranes
363	human power machine														1										1	human power machine
131	circular sawing machine																									circular sawing machine
132	band sawing machine																									band sawing machine
133	wood planer machine																									wood planer machine
134	hollow chisel mortiser, wood borer																									hollow chisel mortiser, wood borer
135	chamfering machine, router, woodworking milling machine																									chamfering machine, router, woodworking milling machine
139	other woodworking machines																									other woodworking machines
143	foundation work machine																									foundation work machine
144	hardening machine																									hardening machine
145	demolition machine																									demolition machine
151	lathe																									lathe
152	drill press, milling machine																									drill press, milling machine

154	power press																									power press
155	forging pressure hammer																									forging pressure hammer
156	shearing machine																									shearing machine
159	other metal manufacturing machines																									other metal manufacturing machines
161	centrifugal machine																									centrifugal machine
163	roll machine (except printingroll machine)																									roll machine (except printingroll machine)
164	injection molding machine																									injection molding machine
165	food manufacturing machine																									food manufacturing machine
166	printing machine																									printing machine
167	industrial robot																									industrial robot
172	mobile logging machine																									mobile logging machine
173	skyline yarding machine																									skyline yarding machine
179	other mobile silviculture machine																									other mobile silviculture machine
211	crane																									crane
213	derrick crane																									derrick crane

214	elevator, lift																								elevator, lift
215	cargo lifting appliance																								cargo lifting appliance
216	gondola																								gondola
217	lumberyard equipment, logging cableway																								lumberyard equipment, logging cableway
218	simple skyline yarding equipment																								simple skyline yarding equipment
219	other powered crane																								other powered crane
223	railway equipment																								railway equipment
225	loader																								loader
226	straddle carrier																								straddle carrier
227	rough terrain hauler																								rough terrain hauler
232	railway vehicle																								railway vehicle
312	pressure vessel																								pressure vessel
321	chemical facilities																								chemical facilities
331	gas welding equipment																								gas welding equipment
332	arc welding equipment																								arc welding equipment
339	other welding equipment																								other welding equipment
341	kiln, caldron																								kiln, caldron

342	industrial dryer																									industrial dryer
349	other kiln, caldron																									other kiln, caldron
412	timbering																									timbering
511	explosive substance																									explosive substance
512	inflammable substance																									inflammable substance
515	radiation																									radiation
519	other hazards, harmful substances																									other hazards, harmful substances
	total			79		69		63	53	70	46	38	43	53	48	45	41	45	40	50	60	44	68	126	1,081	total

Transition of fatal and non-fatal accidents in type of accidents in code no. 011601 electric utility service (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
90	others		2		3		2	2	4	7	1		3	2	2	1	1		4	3	4		25	71	137	others
02	falling to same level	6	7	24	10	11	16	5	11	14	7	14	8	14	3	11	9	6	7	11	16	14	7	20	251	falling to same level
01	fall from height	13	9	10	11	13	9	15	9	16	10	10	8	9	17	10	11	18	8	11	12	9	10	15	263	fall from height
19	reaction to motion/improper motion	3	3	8	3	2	4	10	11	5	11	3	3	4	5	3	3	4	7	5	4	7	3	11	122	reaction to motion/improper motion
17	traffic accident (public road)	14	12	9	13	22	14	11	5	15	4	3	4	4	7	5	5	2	4	8	9	5	2	2	179	traffic accident (public road)
07	caught in/between	2	3	7	2	1	1	3	3	3	3	4		5	4	2	2	1	3	3	4	5	2	1	64	caught in/between

03	crash	4	1	4	4	4	3	3	2	2	2	1	4	2		3	3	7	2	2	1	1	5	1	61	crash
11	contact to high/low-temperature	3	2	4	2	4	2		2	2	2	1	4	3	1	2	1	1	2	1	2	1	5	1	48	contact to high/low-temperature
13	electric shock	2	2	2	2	2	1	5	1	1	1		1	1	6	1			1	1	3		2	1	36	electric shock
08	cut		1	2	1	1	2	2	1		2	1	1	1		2	2	2		1			1	1	24	cut
05	collapse		1	2			2		2		1			1		2				1			1	1	14	collapse
12	contact to harmful substance												2		2								1	1	6	contact to harmful substance
06	crashed by	4	1	1	2	3	1	3		1	1		3	3		1	4	1	1	2		1	1		34	crashed by
04	struck by flying or falling object	1		4	1		1	2	1	4	1	1	2		1	1		2	1		4	1	1		29	struck by flying or falling object
14	explosion					5								3											8	explosion
99	unclassifiable	1	1	2		1		1																	6	unclassifiable
10	drown								1					1		1									3	drown
16	fire						1	1										1							3	fire
09	injury to the sole of the foot																			1			1		2	injury to the sole of the foot
15	burst																						1		1	burst
18	traffic accident (others)																				1				1	traffic accident (others)
	total	53	45	79	54	69	59	63	53	70	46	38	43	53	48	45	41	45	40	50	60	44	68	126	1,292	total

Transition of fatal and non-fatal accidents in workers ages in code no. 011601 electric utility service (1999-2021)

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	16	13	14	15	17	10	17	12	19	9	11	8	21	13	11	9	9	14	14	17	15	26	42	352	50-59
4	40-49	8	11	14	10	13	13	15	13	14	10	8	13	7	15	14	12	18	15	14	13	8	16	33	307	40-49
2	20-29	16	14	28	13	21	14	20	8	16	9	6	8	13	8	8	11	6	7	9	14	10	7	17	283	20-29
3	30-39	8	5	19	14	17	20	9	17	19	14	8	12	7	8	9	6	6	2	9	9	5	10	17	250	30-39
6	60 years old or more	2	1	3	1		1	2	3	2	4	5	1	2	4	3	3	5	2	3	7	6	7	16	83	60 years old or more
1	19 years old or less	3	1	1	1	1	1						1	3				1		1			2	1	17	19 years old or less
	total	53	45	79	54	69	59	63	53	70	46	38	43	53	48	45	41	45	40	50	60	44	68	126	1,292	total

Transition of fatal and non-fatal accidents in workers scales in code no. 011601 electric utility service (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
5	100-299	26	19	38	23	24	22	20	22	26	18	15	20	15	25	21	17	15	9	18	19	15	8	56	491	100-299
4	50-99	10	10	15	13	12	17	11	9	16	9	7	7	7	6	8	9	9	10	15	13	11	35	38	297	50-99
6	300 workers or more	4	4	7	4	16	9	14	11	12	4	2	7	16	7	5	8	2	7	3	2	2	4	10	160	300 workers or more
2	10-29	6	5	7	9	4	6	4	3	6	7	4	4	6	4	4	5	5	6	7	11	8	7	8	136	10-29
3	30-49	4	4	5	3	9	4	7	6	7	5	8	4	6	3	5	2	8	2	5	8	2	9	8	124	30-49
1	9 workers or less	3	3	7	2	4	1	7	2	3	3	2	1	3	3	2		6	6	2	7	6	5	6	84	9 workers or less
	total	53	45	79	54	69	59	63	53	70	46	38	43	53	48	45	41	45	40	50	60	44	68	126	1,292	total

Transition of fatal and non-fatal accidents in months in code no. 011601 electric utility service (1999-2021)

code	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
8	August	5	6	6	5	7	5	8	6	5	4	3	1	3	1	2	4	6	6	2	3	4	5	38	135	August

9	September	3	1	6	7	7	5	5	5	6	5	3	6	6	5	2	1	6	1	4	1	2	2	15	104	September
6	June	8	5	5	3	5	3	4	4	4	3	6	4	6	10	1	3	2	4	6	6	3	8	12	115	June
4	April	3	1	5	1	5	8	8	2	8	4	3	1	6	3	2	1	1	6	4	3	3	4	11	93	April
3	March	7	4	6	5	4	5	5	9	4	4	4	2	9	2	2	5	1	2	6	5	2	2	9	104	March
7	July	4	6	5	5	9	5	3	1	4	4	3	1	4	5	2	4	4		3	6	5	5	8	96	July
11	November	2	3	7	6	4	6	1	4	11	4	4	3	3	9	6	2	1	8	2	5	2	3	7	103	November
5	May	3	3	3	6	5	5	4	5	6	4		2	6		7	2	3	1	4	8	3	3	7	90	May
12	December	4	4	8	4	7	5	7	4	5	3	3	7	2		4	8	1	3	5	4	4	28	5	125	December
10	October	5	4	11	6	4	6	4	6	7	2	3	2	2	3	3	7	8	2	7	8	4	4	5	113	October
2	February	4	5	9	3	5	2	2	4	8	7	1	5	3	7	6	2	6	4	2	3	6	1	5	100	February
1	January	5	3	8	3	7	4	12	3	2	2	5	9	3	3	8	2	6	3	5	8	6	3	4	114	January
	total	53	45	79	54	69	59	63	53	70	46	38	43	53	48	45	41	45	40	50	60	44	68	126	1,292	total

Transition of fatal and non-fatal accidents in prefectures in code no. 011601 electric utility service (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
27	Osaka	4	2	1		4		2	2	6	2	3	1	1	3	2		1	1	6	5	2	1	40	89	Osaka
28	Hyogo	5	1	3		3		5		4	2	1		1		2	1	1		2	2	3	1	13	50	Hyogo
7	Fukushima		1	6		4		3	4	3	3		1	7	4	3	4	5	4	3		3	2	9	69	Fukushima
15	Niigata		1	2		3			1	3	2	1	2	2		1				1	1	3	2	5	30	Niigata
4	Miyagi							1	3	3					3		2	3	1	1		1	1	5	24	Miyagi
43	Kumamoto	4		1				1			1			2	1		1		1		1		2	5	20	Kumamoto
1	Hokkaido	2	2	1		5		3	2	4	4	6	3	3	2	1	2	4	1	4	4	2	3	4	62	Hokkaido
40	Fukuoka	3	2	4		6		6	1	1	4	3		1		2		2	1	1	2	4	2	4	49	Fukuoka
14	Kanagawa	1	3	5		3			2	1	4	1	2	3	1	2		2	1	3	2	1	1	3	41	Kanagawa

22	Shizuoka	3	4	2		2			1	2	2	2	1	1	2	1	1	2	3	3	2	1	2	3	40	Shizuoka
16	Toyama	2	3	5		1		2	2		2		3		1	2	4		2		1	1	2	3	36	Toyama
45	Miyazaki	2	1	3				4			1					1		2	3		2	1	2	3	25	Miyazaki
46	Kagoshima		2	3				1	2	3	1	1	4							2	1	1	1	3	25	Kagoshima
26	Kyoto	3	1			2		2	1	1				2		1		1				1	1	3	19	Kyoto
2	Aomori	1						1	1	3					1	2	1	1			1	2	1	3	18	Aomori
23	Aichi	7	2	5		3		3	5	4	2	2	4	4	5	5	6	4	2	2	4		1	2	72	Aichi
34	Hiroshima	1	1	1		2		4	3	3		1	3	2	4					2	3	1	26	2	59	Hiroshima
20	Nagano			1					3	5		1		1	5	1	2	1		2	3	1	2	2	30	Nagano
35	Yamaguchi		1			1			2		2		2	3								1	1	2	15	Yamaguchi
21	Gifu	1				2		1			2		1		2	2	1		1	1	2	3	1	1	21	Gifu
11	Saitama	3	2	1				1	1	1	1	1		2		1	1						1	1	17	Saitama
44	Oita		1	2		1		1	1				1	1			1	2			3	1	1	1	17	Oita
29	Nara	1		2				1	1			2		1	1		2		1		2		1	1	16	Nara
42	Nagasaki		2	2		1		1	1	1		1				1				1	1	2	1	1	16	Nagasaki
5	Akita			2				2		1	1		1				1	1	2	2	1			1	15	Akita
30	Wakayama					2		1		1	1	1		1	2	2	1		1			1		1	15	Wakayama
17	Ishikawa	3	1	1					1	2		1									2	1	1	1	14	Ishikawa
38	Ehime	1		1				1			2	1	1		1	1		1						1	11	Ehime
33	Okayama					1				4	1										1			1	8	Okayama
3	Iwate			2									1		1						1	1		1	7	Iwate
31	Tottori		1	1						1				1			1	1						1	7	Tottori
13	Tokyo	2	2	8		2		1	2	1	1	1	3		3		1		2	2	2		3		36	Tokyo

12	Chiba			2		6		4	3	4		1		1			1	2	1	3	2	1	1		32	Chiba
24	Mie					7		1	1		1		3	1	2	1	1	3	2	2	1	1	1		28	Mie
18	Fukui			3		1		2				2		3	1		4		3		3	1			23	Fukui
10	Gunma		1	1				1	1	2	1	2	1	3		2		1	1		1				18	Gunma
8	Ibaraki	1	2	1		1				2	1	1		1	1	1	1			1	2	1			17	Ibaraki
47	Okinawa	2	1	2		1		1	1	2	1			1					1		1				14	Okinawa
6	Yamagata		2	1					1					1		1		1		1	1		2		11	Yamagata
39	Kochi		1	1		1		2		1					1			1	2		1				11	Kochi
9	Tochigi			1		2		1			1	1		1		1	1					1			10	Tochigi
37	Kagawa			1				1	1				1	1	1	3				1					10	Kagawa
41	Saga	1	1					1				1	1	1		2		1		1					10	Saga
19	Yamanashi					2		1	1	1										1					6	Yamanashi
36	Tokushima		1										1					1	2				1		6	Tokushima
25	Shiga								1				1			1						2			5	Shiga
32	Shimane			1					1				1					1	1						5	Shimane
	total	53	45	79		69		63	53	70	46	38	43	53	48	45	41	45	40	50	60	44	68	126	1,179	total

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