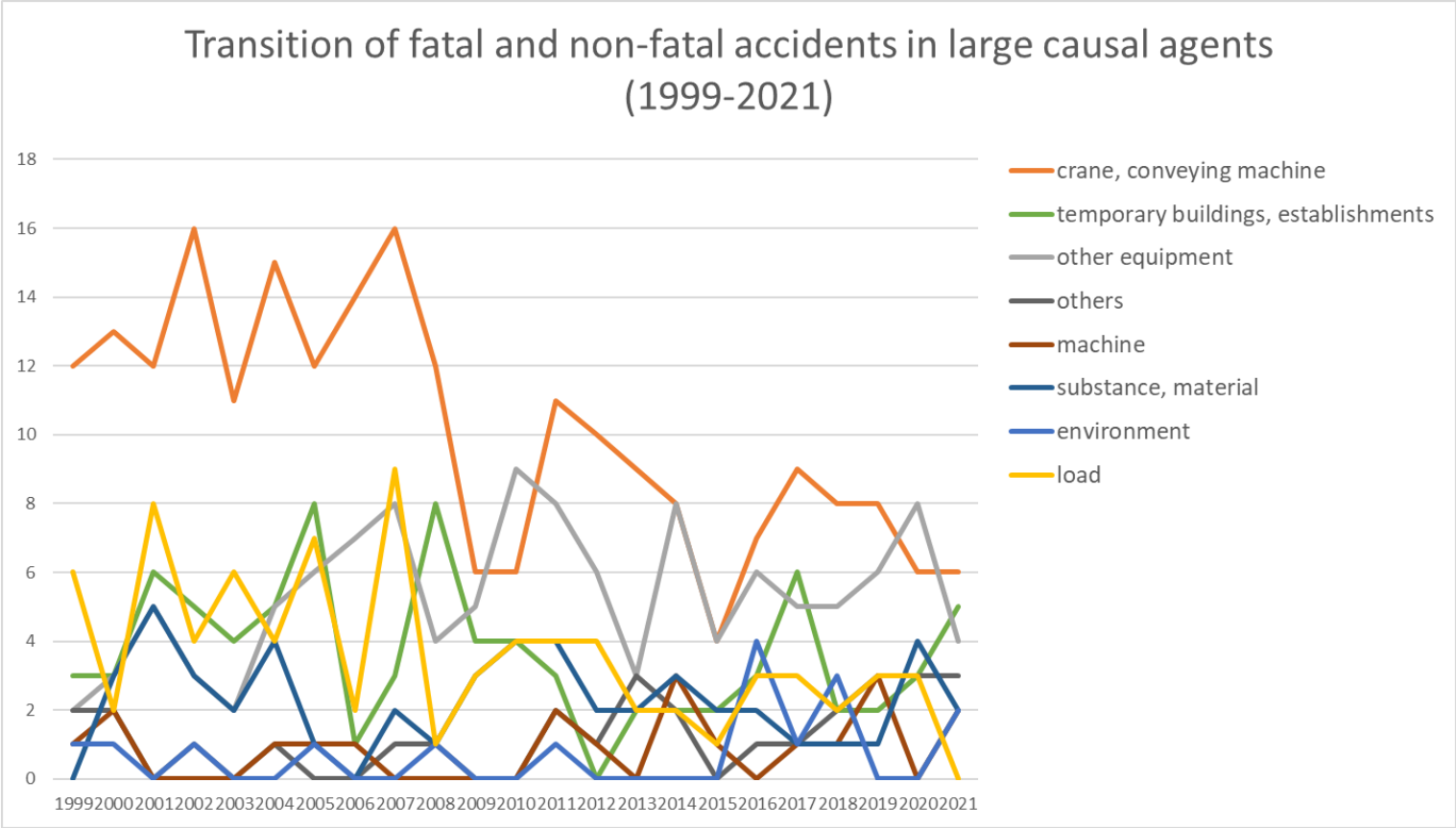
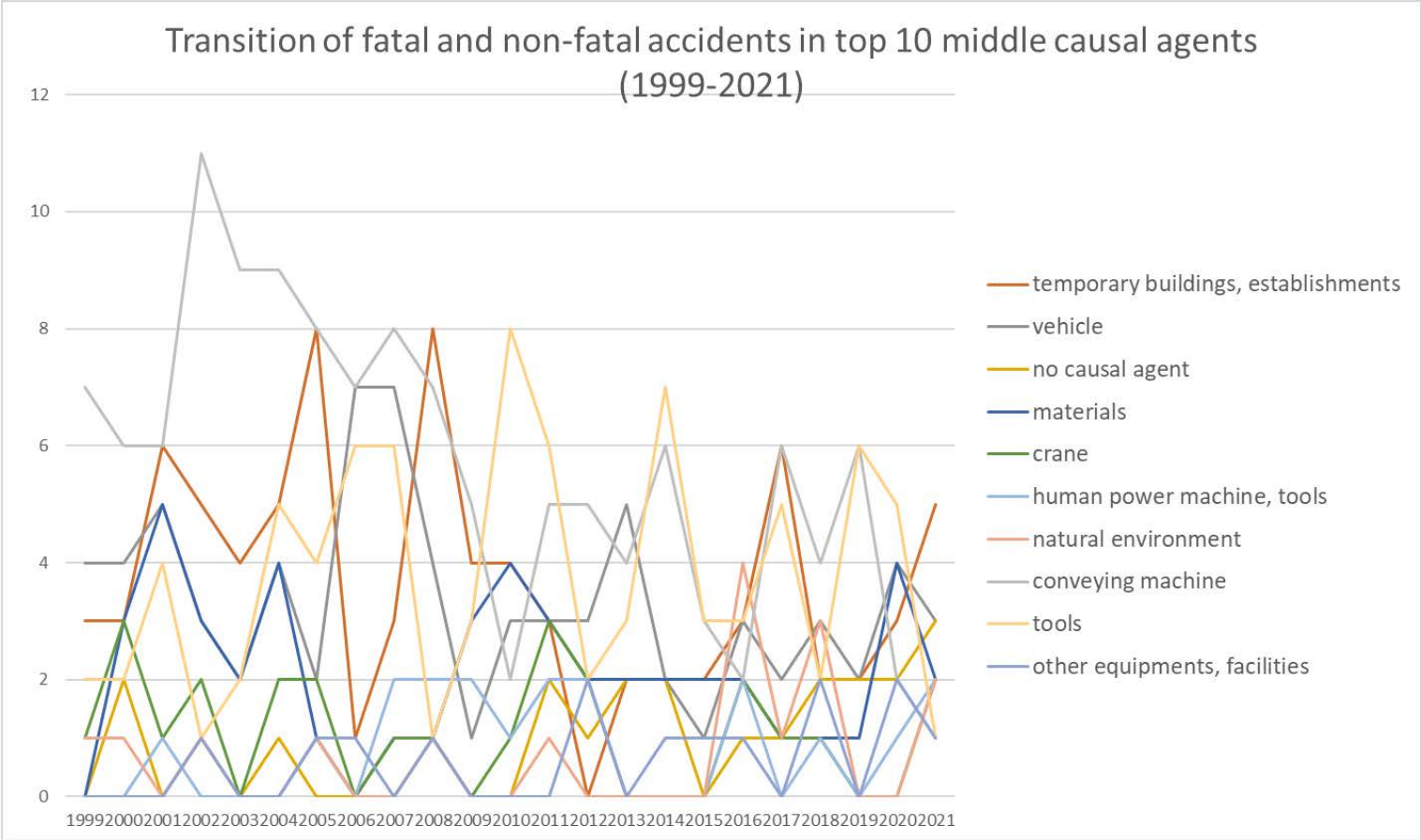
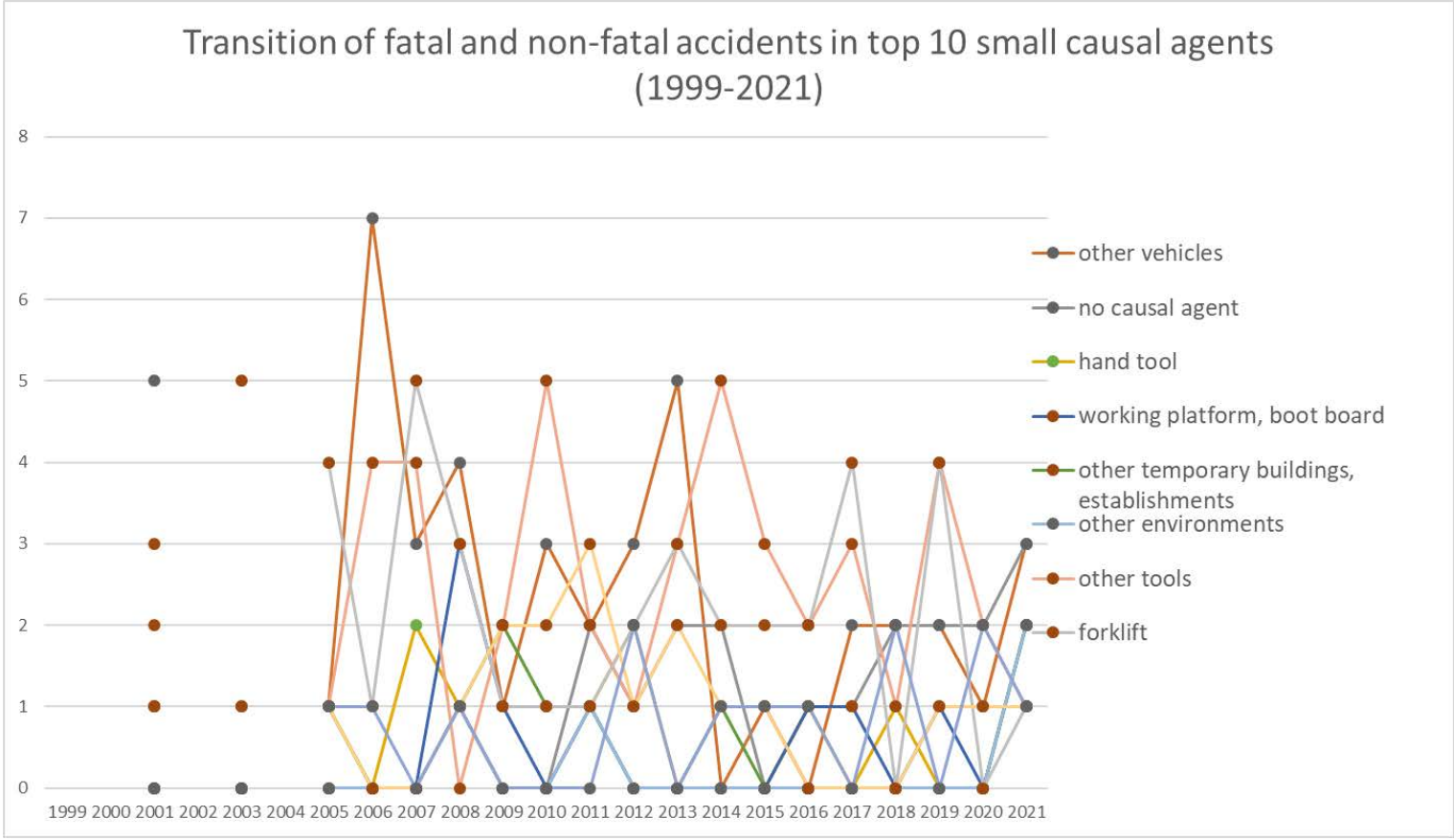
Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 050209 other harbor transportation service (1999-2021)



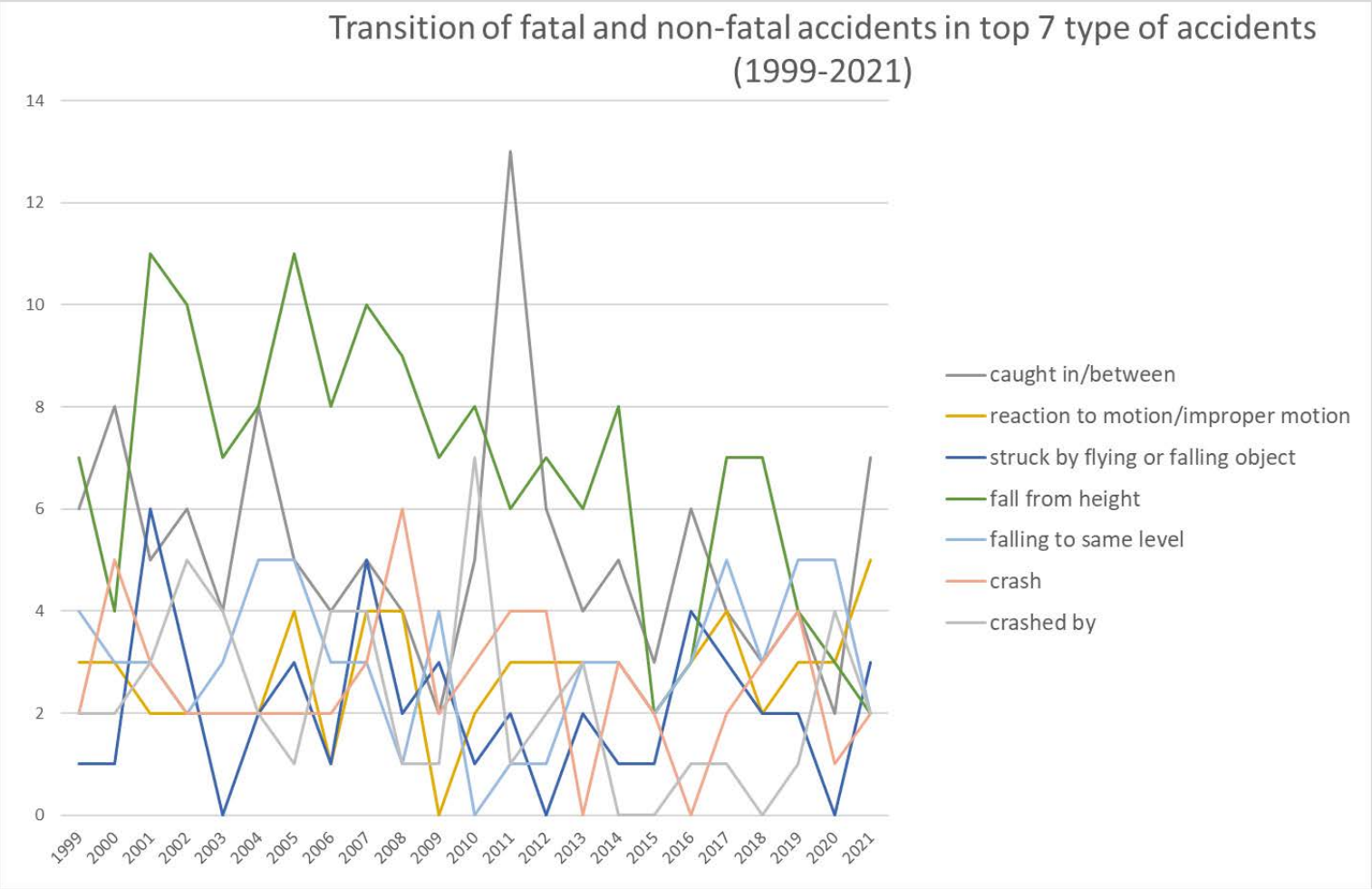
Transition of fatal and non-fatal accidents in large causal agents in code no. 050209 other harbor transportation service (1999-2021)



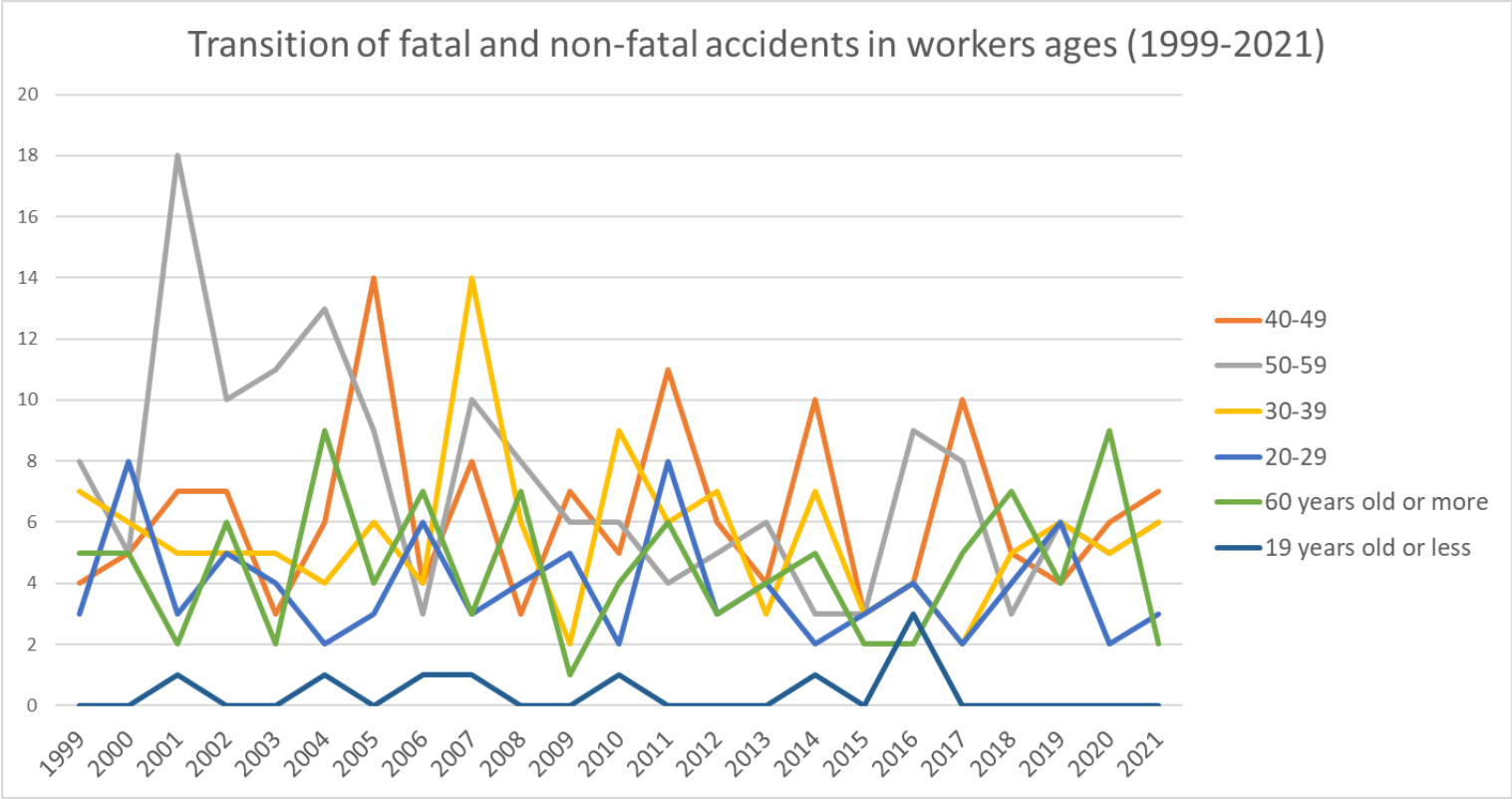
Transition of fatal and non-fatal accidents in middle causal agents in code no. 050209 other harbor transportation service (1999-2021)



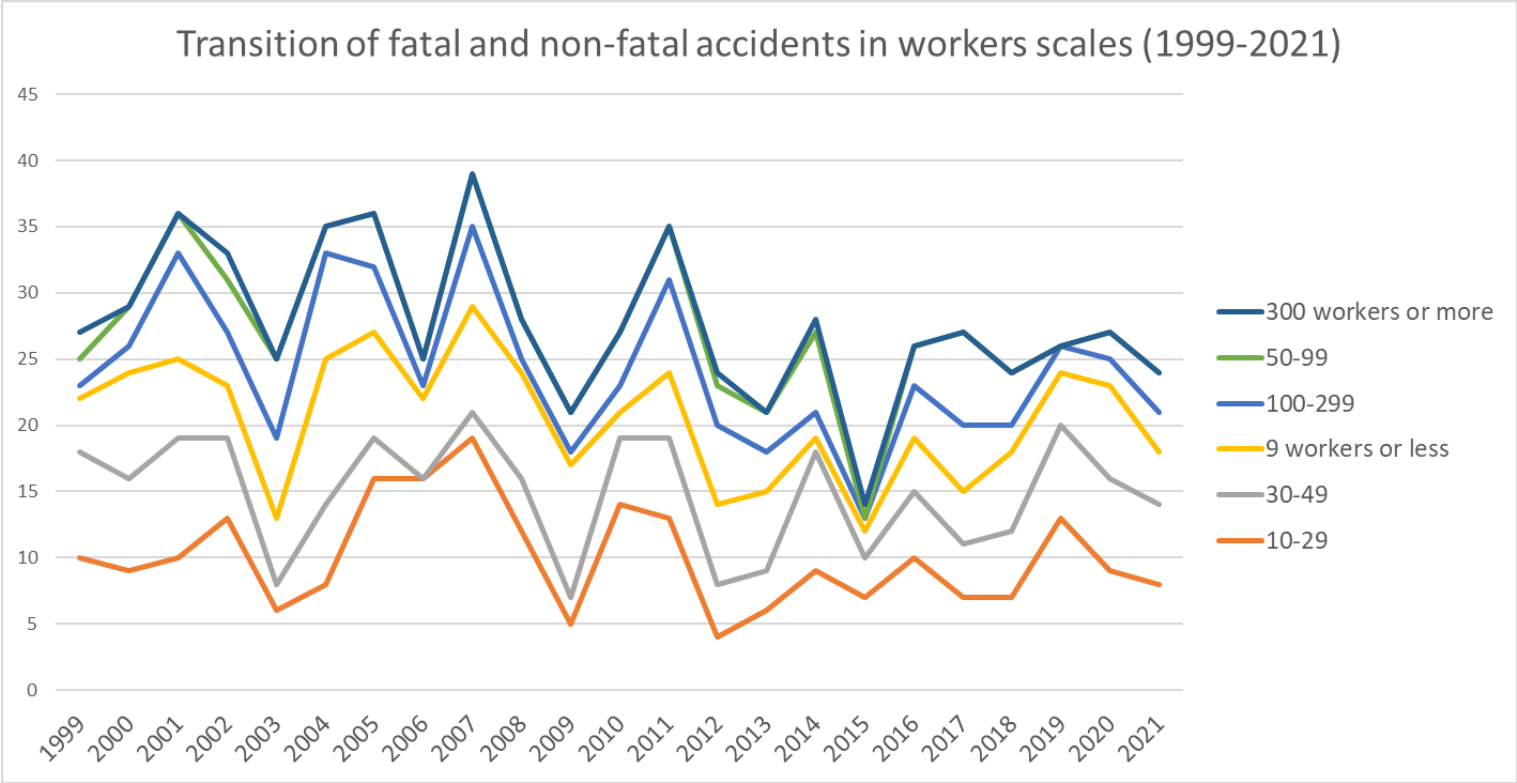
Transition of fatal and non-fatal accidents in small causal agents in code no. 050209 other harbor transportation service (1999-2021)



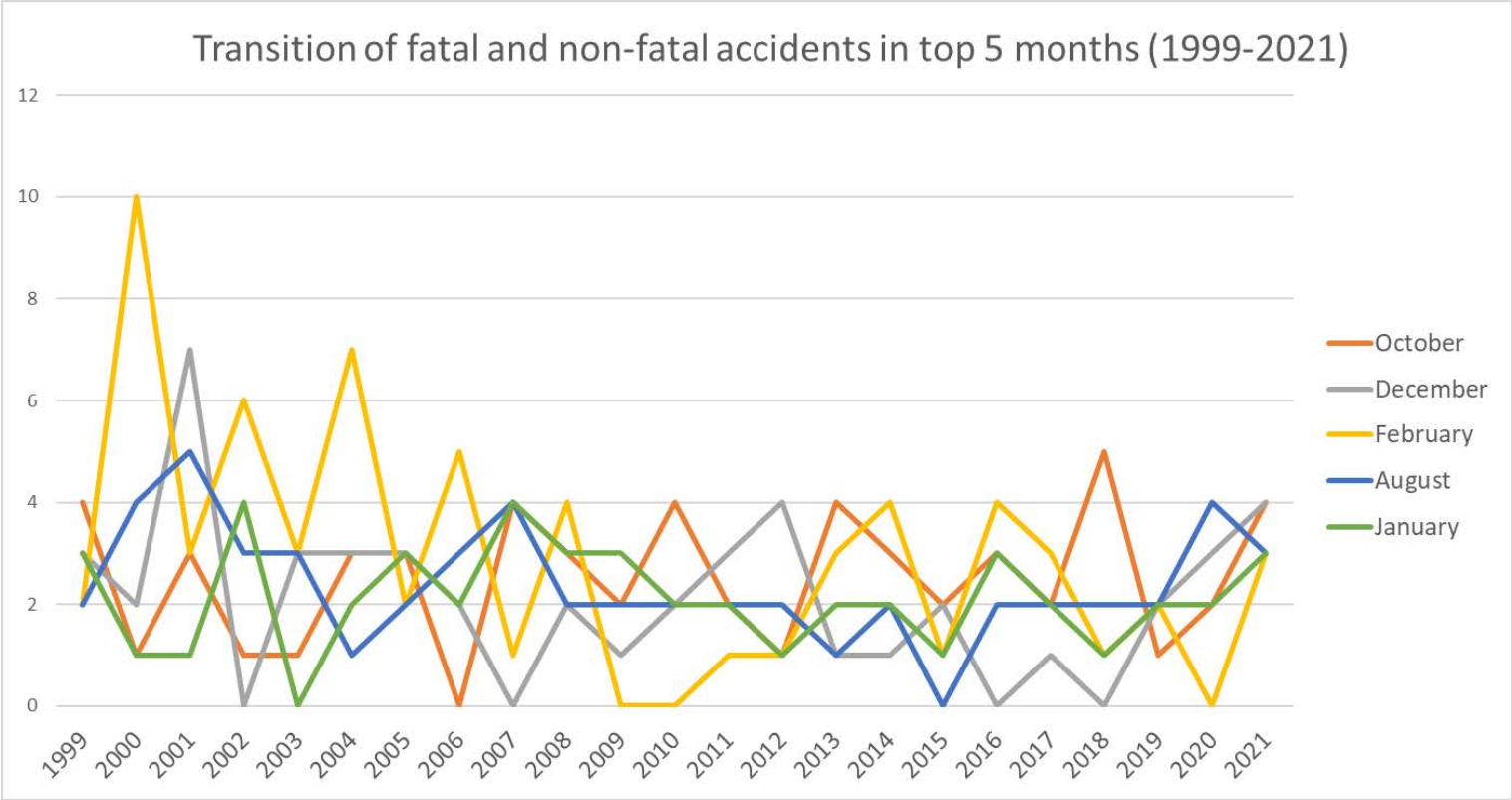
Transition of fatal and non-fatal accidents in type of accidents in code no. 050209 other harbor transportation service (1999-2021)



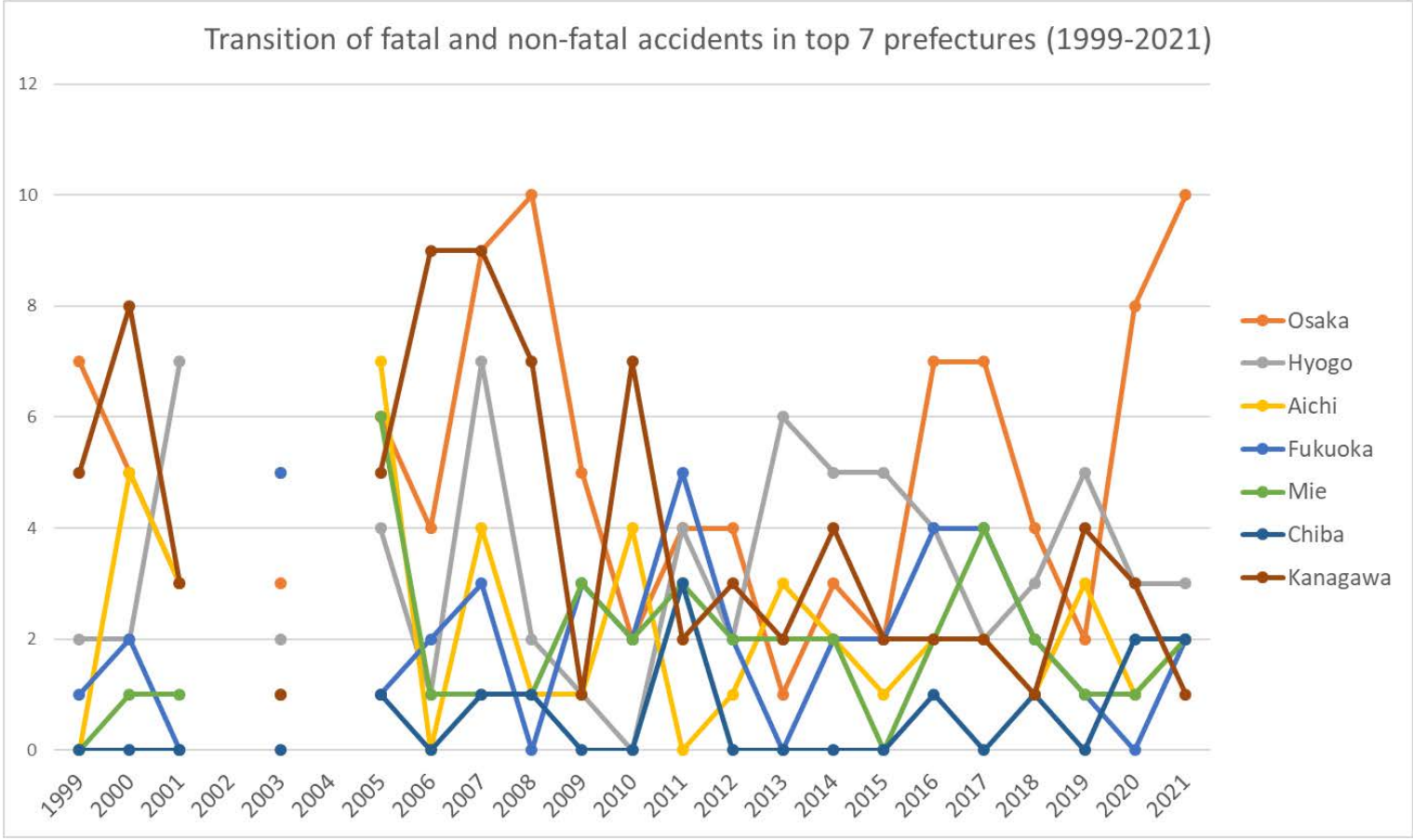
Transition of fatal and non-fatal accidents in workers ages in code no. 050209 other harbor transportation service (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 050209 other harbor transportation service (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 050209 other harbor transportation service (1999-2021)



Transition of fatal and non-fatal accidents in prefectures in code no. 050209 other harbor transportation service (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 050209 other harbor transportation 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
2	crane, conveying machine	12	13	12	16	11	15	12	14	16	12	6	6	11	10	9	8	4	7	9	8	8	6	6	231	crane, conveying machine
4	temporary buildings, establishments	3	3	6	5	4	5	8	1	3	8	4	4	3		2	2	2	3	6	2	2	3	5	84	temporary buildings,

																										establishments
3	other equipment	2	3	5	3	2	5	6	7	8	4	5	9	8	6	3	8	4	6	5	5	6	8	4	122	other equipment
9	others	2	2		1		1			1	1			2	1	3	2		1	1	2	3	3	3	29	others
1	machine	1	2				1	1	1					2	1		3	1		1	1	3		2	20	machine
5	substance, material		3	5	3	2	4	1		2	1	3	4	4	2	2	3	2	2	1	1	1	4	2	52	substance, material
7	environment	1	1		1			1			1			1					4	1	3			2	16	environment
6	load	6	2	8	4	6	4	7	2	9	1	3	4	4	4	2	2	1	3	3	2	3	3		83	load
	total	27	29	36	33	25	35	36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	637	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 050209 other harbor transportation 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
41	temporary buildings, establishments	3	3	6	5	4	5	8	1	3	8	4	4	3		2	2	2	3	6	2	2	3	5	84	temporary buildings, establishments
23	vehicle	4	4	5	3	2	4	2	7	7	4	1	3	3	3	5	2	1	3	2	3	2	4	3	77	vehicle
92	no causal agent		2		1		1				1			2	1	2	2		1	1	2	2	2	3	23	no causal agent
52	materials		3	5	3	2	4	1		1	1	3	4	3	2	2	2	2	2	1	1	1	4	2	49	materials
21	crane	1	3	1	2		2	2		1	1		1	3	2				2	1	1			2	25	crane
36	human power machine, tools			1				1		2	2	2	1	2	2				2		1		1	2	19	human power machine, tools
																										natural

71	natural environment	1	1		1			1			1			1					4	1	3			2	16	environment
22	conveying machine	7	6	6	11	9	9	8	7	8	7	5	2	5	5	4	6	3	2	6	4	6	2	1	129	conveying machine
37	tools	2	2	4	1	2	5	4	6	6	1	3	8	6	2	3	7	3	3	5	2	6	5	1	87	tools
39	other equipments, facilities				1			1	1		1				2		1	1	1		2		2	1	14	other equipments, facilities
14	construction machine							1						1	1		1			1		1		1	7	construction machine
16	general machine								1								1	1						1	4	general machine
61	load	6	2	8	4	6	4	7	2	9	1	3	4	4	4	2	2	1	3	3	2	3	3		83	load
13	woodworking machine	1												1			1					2			5	woodworking machine
91	other causal agent	2														1						1	1		5	other causal agent
12	power transmission mechanism		2				1														1				4	power transmission mechanism
51	hazards, harmful substances									1				1			1								3	hazards, harmful substances
33	welding equipment				1																				1	welding equipment
																										electric

35	electric equipment		1																							1	equipment
99	unclassifiable									1																1	unclassifiable
11	engine																										engine
15	metal manufacturing machine																										metal manufacturing machine
17	mobile silviculture machine																										mobile silviculture machine
31	pressure vessel																										pressure vessel
32	chemical facilities																										chemical facilities
34	kiln, caldron																										kiln, caldron
	total	27	29	36	33	25	35	36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	637	total

Transition of fatal and non-fatal accidents in small causal agents in code no. 050209 other harbor transportation 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
239	other vehicles			5		1		1	7	3	4	1	3	2	3	5		1		2	2	2	1	3	46	other vehicles
921	no causal agent										1			2	1	2	2		1	1	2	2	2	3	19	no causal agent
364	hand tool			1				1		2	1			1	2				1		1			2	12	hand tool
416	working platform, boot board										3	1		1					1	1		1		2	10	working platform, boot board
419	other temporary buildings,			1				1			1	2	1	1			1							2	10	other temporary buildings,

	establishments																									establishments
719	other environments										1			1										2	4	other environments
379	other tools			2				1	4	4		2	5	2	1	3	5	3	2	3	1	4	2	1	45	other tools
222	forklift			1		5		4	1	5	3	1	1	1	2	3	2	2	2	4		4		1	42	forklift
521	metal material			3		1		1			1	2	2	3	1	2	1	1				1	1	1	21	metal material
391	other equipment, facilities							1	1		1				2		1	1	1		2		2	1	13	other equipment, facilities
522	lumber, bamboo			1		1				1			1		1			1	2		1		2	1	12	lumber, bamboo
211	crane			1				2		1	1			1	2				1					1	10	crane
418	building, establishment							3					2										1	1	7	building, establishment
141	leveling, transporting or loading machine							1						1			1			1				1	5	leveling, transporting or loading machine
219	other powered crane																		1	1	1			1	4	other powered crane
169	other general power machines																	1						1	2	other general power machines
611	load			8		6		7	2	9	1	2	4	3	4	2	2	1	3	3	2	3	3		65	load
221	truck			3		4		4	3	3	3	4	1	3	3	1	3			2	3	1	1		42	truck
371	ladder			2		2		2		1	1	1	3	2	1		2		1	2	1	1	1		23	ladder
417	passage			1		4		2			3			1		1		1	1	4	1		1		20	passage
231	cars, bus, motorcycle					1		1		4				1			2		3		1		3		16	cars, bus, motorcycle

413	stairs, landing stage			4				1	1	2		1	1			1		1	1	1	1		1		16	stairs, landing stage
372	slinging tool							1	2	1				2								1	2		9	slinging tool
224	conveyor			1					3									1				1			6	conveyor
715	high/cold temperature environment																		2	1	3				6	high/cold temperature environment
131	circular sawing machine													1			1					2			4	circular sawing machine
362	human power hauling equipment											2							1				1		4	human power hauling equipment
529	other materials			1									1							1			1		4	other materials
229	other powered conveying machines			1										1							1				3	other powered conveying machines
361	human power cranes										1		1	1											3	human power cranes
911	other causal agent															1						1	1		3	other causal agent
142	excavating machine														1							1			2	excavating machine
226	straddle carrier										1						1								2	straddle carrier
411	scaffolding							1		1															2	scaffolding
414	opening																1					1			2	opening
519	other hazards, harmful substances									1							1								2	other hazards, harmful substances
523	stone, sand, substance											1					1								2	stone, sand, substance
	machine/equipment																									machine/equipment

612	as load											1		1												2	as load
713	water							1											1							2	water
121	power transmission mechanism																				1					1	power transmission mechanism
163	roll machine (except printingroll machine)																1									1	roll machine (except printingroll machine)
165	food manufacturing machine								1																	1	food manufacturing machine
212	mobile crane													1												1	mobile crane
214	elevator, lift													1												1	elevator, lift
215	cargo lifting appliance												1													1	cargo lifting appliance
227	rough terrain hauler																						1		1	rough terrain hauler
412	timbering										1															1	timbering
513	inflammable gas													1												1	inflammable gas
714	abnormal environment																		1							1	abnormal environment
999	unclassifiable									1																1	unclassifiable
111	engine																										engine
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
136	chain saw																									chain saw
139	other woodworking machines																									other woodworking machines
143	foundation work machine																									foundation work machine
144	hardening machine																									hardening machine
145	demolition machine																									demolition machine
146	vehicle for high lift work																									vehicle for high lift work
149	other construction machines																									other construction machines
151	lathe																									lathe
152	drill press, milling machine																									drill press, milling machine
153	grinding machine, buffing machine																									grinding machine, buffing machine
154	power press																									power press
155	forging pressure																									forging pressure

	hammer																									hammer
156	shearing machine																									shearing machine
159	other metal manufacturing machines																									other metal manufacturing machines
161	centrifugal machine																									centrifugal machine
162	mixer, grinder																									mixer, grinder
164	injection molding machine																									injection molding machine
166	printing machine																									printing machine
167	industrial robot																									industrial robot
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
216	gondola																									gondola
217	lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway
218	simple skyline yarding equipment																									simple skyline yarding equipment

223	railway equipment																									railway equipment
225	loader																									loader
232	railway vehicle																									railway vehicle
311	boiler																									boiler
312	pressure vessel																									pressure vessel
319	other pressure vessels																									other pressure vessels
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
351	transmission																									transmission
352	electric power facilities																									electric power facilities
359	other electrical equipment																									other electrical equipment
363	human power machine																									human power machine

415	roof, beam, haze, crossbeam, principal rafter																										roof, beam, haze, crossbeam, principal rafter
511	explosive substance																										explosive substance
512	inflammable substance																										inflammable substance
514	harmful substance																										harmful substance
515	radiation																										radiation
711	natural ground, rock																										natural ground, rock
712	standing tree																										standing tree
	total			36		25		36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	513		total

Transition of fatal and non-fatal accidents in type of accidents in code no. 050209 other harbor transportation 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
07	caught in/between	6	8	5	6	4	8	5	4	5	4	2	5	13	6	4	5	3	6	4	3	4	2	7	119	caught in/between
19	reaction to motion/improper motion	3	3	2	2	2	2	4	1	4	4		2	3	3	3	3	2	3	4	2	3	3	5	63	reaction to motion/improper motion
04	struck by flying or falling object	1	1	6	3		2	3	1	5	2	3	1	2		2	1	1	4	3	2	2		3	48	struck by flying or falling object
01	fall from height	7	4	11	10	7	8	11	8	10	9	7	8	6	7	6	8	2	3	7	7	4	3	2	155	fall from height
02	falling to same level	4	3	3	2	3	5	5	3	3	1	4		1	1	3	3	2	3	5	3	5	5	2	69	falling to same level

03	crash	2	5	3	2	2	2	2	2	3	6	2	3	4	4		3	2		2	3	4	1	2	59	crash
06	crashed by	2	2	3	5	4	2	1	4	4	1	1	7	1	2	3			1	1		1	4	2	51	crashed by
09	injury to the sole of the foot																						1	1	2	injury to the sole of the foot
17	traffic accident (public road)		1		1	2	2	1		4		1					3		2				4		21	traffic accident (public road)
05	collapse			1		1	3	1	1	1			1	2			1	1			1		3		17	collapse
08	cut	1		2				1	1			1		1	1		1					2			11	cut
11	contact to high/low-temperature		1		1									2					2	1	3				10	contact to high/low-temperature
10	drown	1	1		1		1	2										1	1						8	drown
90	others										1												1		2	others
12	contact to harmful substance																		1						1	contact to harmful substance
18	traffic accident (others)																					1			1	traffic accident (others)
13	electric shock																									electric shock
14	explosion																									explosion
15	burst																									burst
16	fire																									fire
99	unclassifiable																									unclassifiable
	total	27	29	36	33	25	35	36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	637	total

Transition of fatal and non-fatal accidents in workers ages in code no. 050209 other harbor transportation 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
4	40-49	4	5	7	7	3	6	14	4	8	3	7	5	11	6	4	10	3	4	10	5	4	6	7	143	40-49
5	50-59	8	5	18	10	11	13	9	3	10	8	6	6	4	5	6	3	3	9	8	3	6	5	6	165	50-59
3	30-39	7	6	5	5	5	4	6	4	14	6	2	9	6	7	3	7	3	4	2	5	6	5	6	127	30-39
2	20-29	3	8	3	5	4	2	3	6	3	4	5	2	8	3	4	2	3	4	2	4	6	2	3	89	20-29
6	60 years old or more	5	5	2	6	2	9	4	7	3	7	1	4	6	3	4	5	2	2	5	7	4	9	2	104	60 years old or more
1	19 years old or less			1			1		1	1			1				1		3						9	19 years old or less
	total	27	29	36	33	25	35	36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	637	total

Transition of fatal and non-fatal accidents in workers scales in code no. 050209 other harbor transportation 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
2	10-29	10	9	10	13	6	8	16	16	19	12	5	14	13	4	6	9	7	10	7	7	13	9	8	231	10-29
3	30-49	8	7	9	6	2	6	3		2	4	2	5	6	4	3	9	3	5	4	5	7	7	6	113	30-49
1	9 workers or less	4	8	6	4	5	11	8	6	8	8	10	2	5	6	6	1	2	4	4	6	4	7	4	129	9 workers or less
5	100-299	1	2	8	4	6	8	5	1	6	1	1	2	7	6	3	2	1	4	5	2	2	2	3	82	100-299
4	50-99	2	3	3	4	6	2	4	2	4	3	3	4	4	3	3	6		3	7	4		2	3	75	50-99
6	300 workers or more	2			2										1		1	1							7	300 workers or more
	total	27	29	36	33	25	35	36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	637	total

Transition of fatal and non-fatal accidents in months in code no. 050209 other harbor transportation 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
10	October	4	1	3	1	1	3	3		4	3	2	4	2	1	4	3	2	3	2	5	1	2	4	58	October
12	December	3	2	7		3	3	3	2		2	1	2	3	4	1	1	2		1		2	3	4	49	December
2	February	2	10	3	6	3	7	2	5	1	4			1	1	3	4	1	4	3	1	2		3	66	February
8	August	2	4	5	3	3	1	2	3	4	2	2	2	2	2	1	2		2	2	2	2	4	3	55	August
1	January	3	1	1	4		2	3	2	4	3	3	2	2	1	2	2	1	3	2	1	2	2	3	49	January
4	April	2	5	4	3	3	4	3	2		5	1	2	3		1	4	1	1		3		3	2	52	April
3	March	3	2	4	4	4	1	3	1	2	3	5		1	2	1	2		2	2	1	3		2	48	March
9	September		1		2	2	4	4		3	1			5	3		1	1	3	2	2	4	2	2	42	September
11	November			2	1	2	1	5	1	5		1	4	2	1	1	2		1	1	3	2		1	36	November
7	July	5	1	3	3	1	4	2	3	2		3	4	4	3	5	1	2	2	7	4	1	4		64	July
5	May	1	1	3	5	2	1	2	2	8	3	1	5	5	3	1	3	4	2	4	1	2	2		61	May
6	June	2	1	1	1	1	4	4	4	6	2	2	2	5	3	1	3		3	1	1	5	5		57	June
	total	27	29	36	33	25	35	36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	637	total

Transition of fatal and non-fatal accidents in prefectures in code no. 050209 other harbor transportation 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	7	5	3		3		6	4	9	10	5	2	4	4	1	3	2	7	7	4	2	8	10	106	Osaka
28	Hyogo	2	2	7		2		4	1	7	2	1		4	2	6	5	5	4	2	3	5	3	3	70	Hyogo
23	Aichi		5	3		5		7		4	1	1	4		1	3	2	1	2	2	1	3	1	2	48	Aichi
40	Fukuoka	1	2			5		1	2	3		3	2	5	2		2	2	4	4	2	1		2	43	Fukuoka
24	Mie		1	1		1		6	1	1	1	3	2	3	2	2	2		2	4	2	1	1	2	38	Mie
12	Chiba							1		1	1			3					1		1		2	2	12	Chiba
14	Kanagawa	5	8	3		1		5	9	9	7	1	7	2	3	2	4	2	2	2	1	4	3	1	81	Kanagawa

46	Kagoshima									1												1	1	1	4	Kagoshima
7	Fukushima																		1					1	2	Fukushima
13	Tokyo	6	1	5		2		3	1	1	3	1	3		1	2	1	1	1		1		2		35	Tokyo
38	Ehime		1	3		4			1	1	2	1	1	4	4		2						1		25	Ehime
1	Hokkaido	1	2						1			2	3	4	2		6					1			22	Hokkaido
34	Hiroshima	1							2	1		1				1			1	1	2	1	1		12	Hiroshima
33	Okayama			6		1		2			1		1												11	Okayama
42	Nagasaki			1									1	1		1		1	1	3	1				10	Nagasaki
4	Miyagi					1														1	3	4			9	Miyagi
35	Yamaguchi	3	1	1						1					1	1	1								9	Yamaguchi
37	Kagawa													2	2	1							2		7	Kagawa
22	Shizuoka			1					1			1		1								2			6	Shizuoka
8	Ibaraki							1	1												1	1			4	Ibaraki
44	Oita													2									2		4	Oita
39	Kochi		1													1					1				3	Kochi
30	Wakayama			2																					2	Wakayama
15	Niigata																				1				1	Niigata
18	Fukui																			1					1	Fukui
21	Gifu											1													1	Gifu
25	Shiga	1																							1	Shiga
36	Tokushima												1												1	Tokushima
47	Okinawa								1																1	Okinawa
2	Aomori																									Aomori

3	Iwate																									Iwate
5	Akita																									Akita
6	Yamagata																									Yamagata
9	Tochigi																									Tochigi
10	Gunma																									Gunma
11	Saitama																									Saitama
16	Toyama																									Toyama
17	Ishikawa																									Ishikawa
19	Yamanashi																									Yamanashi
20	Nagano																									Nagano
26	Kyoto																									Kyoto
29	Nara																									Nara
31	Tottori																									Tottori
32	Shimane																									Shimane
41	Saga																									Saga
43	Kumamoto																									Kumamoto
45	Miyazaki																									Miyazaki
	total	27	29	36		25		36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	569	total

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

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