Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 020209 other quarrying (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 020209 other quarrying (1999-2021)

Transition of fatal and non-fatal accidents in middle causal agents in code no. 020209 other quarrying (1999-2021)

Transition of fatal and non-fatal accidents in small causal agents in code no. 020209 other quarrying (1999-2021)

Transition of fatal and non-fatal accidents in type of accidents in code no. 020209 other quarrying (1999-2021)

Transition of fatal and non-fatal accidents in workers ages in code no. 020209 other quarrying (1999-2021)

Transition of fatal and non-fatal accidents in workers scales in code no. 020209 other quarrying (1999-2021)

Transition of fatal and non-fatal accidents in months in code no. 020209 other quarrying (1999-2021)

Transition of fatal and non-fatal accidents in prefectures in code no. 020209 other quarrying (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 020209 other quarrying (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	16	10	16	12	11	12	18	6	8	4	6	5	4	5	7	8	5	5	4	4	2	14	194	crane, conveying machine
1	machine	8	11	10	6	5	7	7	6	8	5	3	7	3	1	3	4	5	5		4	1	5	4	118	machine
																										temporary

4	temporary buildings, establishments	8	8	9	6	3	6	5	3	3	4	1	4	3	3	2	4	1	3	6	5	4	1	3	95	buildings, establishments
5	substance, material	2	3	3	1	2	4	2	4	4	5	3	3	2	2		1			1	1		1	2	46	substance, material
3	other equipment	2	3	1	5	1	2	1	1	2	1	2	1	1	2	1	1	3	3	1	2	2		1	39	other equipment
7	environment	3	4	2	2	2	1	2	1	1	2	1	2	1	2		1	2		1	1	1		1	33	environment
6	load	2			1	1		1		1										1		1			8	load
9	others	2	1			2		1		2	1	1	1	3	2		1		1	3	1	1			23	others
	total	39	46	35	37	28	31	31	33	27	26	15	24	18	16	11	19	19	17	18	18	14	9	25	556	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 020209 other quarrying (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
22	conveying machine	10	14	8	15	12	11	11	15	5	8	4	5	5	4	5	6	8	4	4	4	3	2	9	172	conveying machine
23	vehicle	1	1	1				1	2				1						1	1		1		4	14	vehicle
41	temporary buildings, establishments	8	8	9	6	3	6	5	3	3	4	1	4	3	3	2	4	1	3	6	5	4	1	3	95	temporary buildings, establishments
14	construction machine	7	6	7	2	3	2	3	3	3	3	2	3	2	1	2	2	2	3		2	1	2	3	64	construction machine
52	materials	2	3	3	1	2	3	2	4	4	5	3	3	2	2					1	1			2	43	materials
16	general machine	1	3	1	2	1	3	3	2	3	2	1	4	1		1	1	1	1		1		2	1	35	general

																										machine
71	natural environment	3	4	2	2	2	1	2	1	1	2	1	2	1	2		1	2		1	1	1		1	33	natural environment
37	tools	2		1	3		1		1		1		1		2	1		2		1	1	1		1	19	tools
21	crane	1	1	1	1				1	1							1							1	8	crane
92	no causal agent		1			2		1		1	1	1	1	2	2				1	2	1	1			17	no causal agent
36	human power machine, tools		2		1	1	1										1		2		1	1			10	human power machine, tools
39	other equipments, facilities		1		1			1		2		2		1				1	1						10	other equipments, facilities
12	power transmission mechanism		1		1			1	1	1							1	1	1						8	power transmission mechanism
13	woodworking machine		1	2			2			1											1		1		8	woodworking machine
61	load	2			1	1		1		1										1		1			8	load
91	other causal agent	2								1				1						1					5	other causal agent
15	metal manufacturing machine				1	1												1							3	metal manufacturing machine
51	hazards, harmful substances						1										1						1		3	hazards, harmful

																											substances
99	unclassifiable																	1								1	unclassifiable
11	engine																										engine
17	mobile silviculture machine																										mobile silviculture machine
31	pressure vessel																										pressure vessel
32	chemical facilities																										chemical facilities
33	welding equipment																										welding equipment
34	kiln, caldron																										kiln, caldron
35	electric equipment																										electric equipment
	total	39	46	35	37	28	31	31	33	27	26	15	24	18	16	11	19	19	17	18	18	14	9	25	556	total

Transition of fatal and non-fatal accidents in small causal agents in code no. 020209 other quarrying (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
221	truck			4		4		4	6	2	5	2	2	2	1	4	3	5	1	1		2	2	6	56	truck
142	excavating machine			3		1		2	3	3	2	1	2	1		2	1	2	2		1		1	3	30	excavating machine
231	cars, bus, motorcycle			1				1	2				1						1	1		1		3	11	cars, bus, motorcycle
521	metal material					1		1	3		1	2												2	10	metal material
224	conveyor			3		7		7	9	2	3	2	3	3	3	1	3	2	3	2	4	1		1	59	conveyor

417	passage			1		1			2	1	1		2		3		1	1	1	4	2	1	1	1	23	passage
169	other general power machines					1		2	1		1		3	1			1	1	1		1		1	1	15	other general power machines
711	natural ground, rock			1		1			1	1	2	1		1	1			1				1		1	12	natural ground, rock
418	building, establishment			1		1		1			2		1	1					1		1	1		1	11	building, establishment
371	ladder										1				2	1		1			1	1		1	8	ladder
222	forklift			1		1												1						1	4	forklift
212	mobile crane									1							1							1	3	mobile crane
225	loader																			1				1	2	loader
239	other vehicles																							1	1	other vehicles
412	timbering																							1	1	timbering
523	stone, sand, substance			2				1	1	4	3	1	2	1	2					1	1				19	stone, sand, substance
921	no causal agent					2		1		1	1	1	1	2	2				1	2	1	1			16	no causal agent
141	leveling, transporting or loading machine			4		1		1			1	1	1	1					1			1			12	leveling, transporting or loading machine
416	working platform, boot board			3		1								1		1	1		1	1		1			10	working platform, boot board
162	mixer, grinder			1				1	1	3	1	1				1									9	mixer, grinder
413	stairs, landing stage							3	1	1		1				1				1	1				9	stairs, landing stage
391	other equipment, facilities							1		2		2		1				1	1						8	other equipment, facilities

121	power transmission mechanism							1	1	1							1	1	1						6	power transmission mechanism
419	other temporary buildings, establishments			1				1					1	1			1				1				6	other temporary buildings, establishments
719	other environments			1				2					1		1		1								6	other environments
611	load					1		1		1										1		1			5	load
712	standing tree					1							1					1		1	1				5	standing tree
145	demolition machine					1											1				1		1		4	demolition machine
379	other tools								1				1					1		1					4	other tools
411	scaffolding			2						1												1			4	scaffolding
361	human power cranes					1													1		1				3	human power cranes
364	hand tool																1		1			1			3	hand tool
522	lumber, bamboo			1							1		1												3	lumber, bamboo
911	other causal agent									1				1						1					3	other causal agent
131	circular sawing machine			1																	1				2	circular sawing machine
136	chain saw			1																			1		2	chain saw
414	opening			1							1														2	opening
529	other materials					1								1											2	other materials
139	other woodworking machines									1															1	other woodworking machines
	other construction																									other construction

149	machines														1										1	machines
152	drill press, milling machine																	1							1	drill press, milling machine
153	grinding machine, buffing machine					1																			1	grinding machine, buffing machine
165	food manufacturing machine																							1	1	food manufacturing machine
167	industrial robot												1												1	industrial robot
211	crane								1																1	crane
219	other powered crane			1																					1	other powered crane
229	other powered conveying machines									1															1	other powered conveying machines
372	slinging tool			1																					1	slinging tool
415	roof, beam, haze, crossbeam, principal rafter																1								1	roof, beam, haze, crossbeam, principal rafter
512	inflammable substance																							1	1	inflammable substance
519	other hazards, harmful substances																1								1	other hazards, harmful substances
999	unclassifiable																1								1	unclassifiable
111	engine																									engine
132	band sawing																									band sawing

	machine																									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
143	foundation work machine																									foundation work machine
144	hardening machine																									hardening machine
146	vehicle for high lift work																									vehicle for high lift work
151	lathe																									lathe
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
	roll machine (except																									roll machine (except

163	printingroll machine)																									printingroll machine)
164	injection molding machine																									injection molding machine
166	printing machine																									printing machine
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
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
223	railway equipment																									railway equipment
226	straddle carrier																									straddle carrier
227	rough terrain hauler																									rough terrain hauler

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
362	human power hauling equipment																									human power hauling equipment
363	human power machine																									human power machine

511	explosive substance																									explosive substance
513	inflammable gas																									inflammable gas
514	harmful substance																									harmful substance
515	radiation																									radiation
612	machine/equipment as load																									machine/equipment as load
713	water																									water
714	abnormal environment																									abnormal environment
715	high/cold temperature environment																									high/cold temperature environment
	total			35		28		31	33	27	26	15	24	18	16	11	19	19	17	18	18	14	9	25	403	total

Transition of fatal and non-fatal accidents in type of accidents in code no. 020209 other quarrying (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
01	fall from height	10	7	10	10	8	11	8	8	4	10	5	8	4	5	3	7	5	6	4	4	6	5	12	160	fall from height
07	caught in/between	8	10	8	8	8	7	13	9	5	3	3	4	5	2	2	6	8	5	2	3	1		3	123	caught in/between
06	crashed by	3			3	1	4	1	4	2	2		4				1			1	1			3	30	crashed by
04	struck by flying or falling object	2	8	5	3	3	3	1	4	6	6	4		2	2	2		1	1		1	1		2	57	struck by flying or falling object
02	falling to same level	1	6	4	1	3		2	2	3	1	2	4	4	4		2		1	4	3	2		2	51	falling to same level
03	crash	3	6		4	1	2	1	1	1			2			3		2	1	2	2	1		2	34	crash

19	reaction to motion/improper motion	4		1	3	1		2		1	1	1		3	2	1			1	3		1		1	26	reaction to motion/improper motion
05	collapse	4	1	2	1			1	2	2	2		1		1			1			2	1			21	collapse
08	cut		2	3	2	1	3			1	1						1			1	2		3		20	cut
17	traffic accident (public road)	1	4	1	1	1	1	2	3	1								2	1	1		1			20	traffic accident (public road)
11	contact to high/low-temperature			1	1					1			1										1		5	contact to high/low-temperature
90	others		2			1													1						4	others
12	contact to harmful substance	2															1								3	contact to harmful substance
18	traffic accident (others)	1																							1	traffic accident (others)
99	unclassifiable																1								1	unclassifiable
09	injury to the sole of the foot																									injury to the sole of the foot
10	drown																									drown
13	electric shock																									electric shock
14	explosion																									explosion
15	burst																									burst
16	fire																									fire

	total	39	46	35	37	28	31	31	33	27	26	15	24	18	16	11	19	19	17	18	18	14	9	25	556	total

Transition of fatal and non-fatal accidents in workers ages in code no. 020209 other quarrying (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
6	60 years old or more	5	12	5	10	5	3	8	9	6	4	3	7	4	2	4	5	6	4	6	4	6	4	13	135	60 years old or more
5	50-59	12	12	9	14	10	9	9	11	9	9	5	9	3	6	4	5	3	7	3	7	4		8	168	50-59
4	40-49	7	13	6	6	7	8	6	5	4	8	4	6	5	4	3	5	5	1	6	2	2	3	2	118	40-49
3	30-39	5	4	7	4	3	8	6	6	4	2	1	2	6	3		2	4	2	3	2	1	1	1	77	30-39
2	20-29	10	5	8	2	3	2	2		3	3	2			1		1	1	3		3		1	1	51	20-29
1	19 years old or less				1		1		2	1							1					1			7	19 years old or less
	total	39	46	35	37	28	31	31	33	27	26	15	24	18	16	11	19	19	17	18	18	14	9	25	556	total

Transition of fatal and non-fatal accidents in workers scales in code no. 020209 other quarrying (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	17	21	17	12	10	16	12	17	15	12	6	12	8	5	7	6	7	3	9	9	6	5	12	244	10-29
1	9 workers or less	16	14	14	14	16	12	12	10	6	10	7	8	8	8	3	8	9	6	4	7	3	3	7	205	9 workers or less
4	50-99	1	6	1	3	1		3	1	1	1	1	1	1		1		1	2	1	2			4	32	50-99
3	30-49	5	5	2	8	1	2	4	5	2	3		2	1	3		4	2	5	2		2		2	60	30-49
5	100-299			1			1			3		1	1				1		1	2		3	1		15	100-299
6	300 workers or more																									300 workers or more
	total	39	46	35	37	28	31	31	33	27	26	15	24	18	16	11	19	19	17	18	18	14	9	25	556	total

Transition of fatal and non-fatal accidents in months in code no. 020209 other quarrying (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
6	June	7	5	2	1	3	4		7	4	3	1	2	3	2		1	2	2	1		2		5	57	June
8	August		6	2	5	1	1	5	4	1	1	1	1	1	1	2	2	2	1	2	1		3	4	47	August
3	March	1	8	6	4	5	1	2	4	5	2	5	2		2		1	2	1	2		2	1	3	59	March
2	February	3	4	3	4	2	6	3	3	3		1	1	2	3			3	1	2	1	2		3	50	February
1	January	2	3	2	2	2	2	2	1		1	1	1	1	1		3	2	1			1		2	30	January
7	July	2	1	2	2	1	1			4	3	1	1			1	1	1			3	1	1	2	28	July
9	September	6	1	5	9	2	3	3	4	1	3	1	5	1		3	4	2		1	2	3	1	1	61	September
10	October	3	5	2	1	2	2	3	3	2	6	1	3	2	1	2		2	2		3	1	2	1	49	October
4	April	2	1	4	3	2	4	5	1	3	4	1	2	3	1		2		4	2	1			1	46	April
11	November	5	8	4	1	1	1	3	1		1	1	2	1	3		3	2	1	1	2	2		1	44	November
5	May	2	2	3	4	3	3	2	3	3	2		2	1	2	2		1	4	3				1	43	May
12	December	6	2		1	4	3	3	2	1		1	2	3		1	2			4	5		1	1	42	December
	total	39	46	35	37	28	31	31	33	27	26	15	24	18	16	11	19	19	17	18	18	14	9	25	556	total

Transition of fatal and non-fatal accidents in prefectures in code no. 020209 other quarrying (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
15	Niigata	1	3	2		1		1	2		1				2			1		1				5	20	Niigata
9	Tochigi	2	3	5		2		1	3	1	2	3	2		2	1	2		2		1	5		2	39	Tochigi
20	Nagano	1	2	3		1		2		3	3	1	2		1	1			1		1			2	24	Nagano
6	Yamagata	2	5			1		1	1	2			1	2					1	1		1	1	2	21	Yamagata
12	Chiba		3	1		1			1	3			2	1							1		1	2	16	Chiba
45	Miyazaki	1		2					1				2	1										2	9	Miyazaki

19	Yamanashi	1				1						1		2										2	7	Yamanashi
1	Hokkaido	1	2	2		1		1	3		2	1	2		2	1	1	2	1	1	2			1	26	Hokkaido
32	Shimane	1				1		1	2	1	2	1	2	2		1	1	2				1	2	1	21	Shimane
10	Gunma	3	5	1		2		1	1	2	2								1					1	19	Gunma
3	Iwate	1	1	2				1	2	1	2		2	1	1		1	1			1			1	18	Iwate
4	Miyagi							1	1	2				1			2	3	3		2	1		1	17	Miyagi
7	Fukushima		1	1		2		1									1		3	2	1			1	13	Fukushima
22	Shizuoka	1				1		1				2	1				1			1	3	1		1	13	Shizuoka
44	Oita	3	1					2	2					1										1	10	Oita
24	Mie		3	3		1		3			1	1	1		1		1	1				1			17	Mie
28	Hyogo	3						1		1					1	2	2	2	1	1	1	2			17	Hyogo
38	Ehime			1		1		5	2	1	3	1	1			1									16	Ehime
43	Kumamoto	2				2			3	1	1				1		1	2		1		1			15	Kumamoto
46	Kagoshima	1	1	2		1			1		1	1	1		1	2		1		1	1				15	Kagoshima
21	Gifu		2	1		1			1	1	3	1			1		1				1				13	Gifu
16	Toyama	3		2				1			1			1		1				1					10	Toyama
34	Hiroshima		1					1		1									1	2	1	1	2		10	Hiroshima
11	Saitama		3			1							2				1		1						8	Saitama
29	Nara								2	1				2		1		2							8	Nara
26	Kyoto	3		1							1			1			1								7	Kyoto
31	Tottori		1			1		2					1								1				6	Tottori
39	Kochi			2				1	2			1													6	Kochi
40	Fukuoka	1		1		1									1					1			1		6	Fukuoka

5	Akita	2		1				1										1							5	Akita
8	Ibaraki		1							1			1				1			1					5	Ibaraki
18	Fukui	1	4																						5	Fukui
25	Shiga					2					1	1											1		5	Shiga
2	Aomori									1			1	1					1						4	Aomori
13	Tokyo		1	1		1															1				4	Tokyo
14	Kanagawa	1		1					1	1															4	Kanagawa
17	Ishikawa	1				1		1	1																4	Ishikawa
23	Aichi	2	2																						4	Aichi
27	Osaka									2								1		1					4	Osaka
33	Okayama	1						1												1			1		4	Okayama
37	Kagawa														1				1	2					4	Kagawa
42	Nagasaki								1	1				1	1										4	Nagasaki
41	Saga		1														1								2	Saga
30	Wakayama													1											1	Wakayama
35	Yamaguchi					1																			1	Yamaguchi
47	Okinawa																1								1	Okinawa
36	Tokushima																									Tokushima
	total	39	46	35		28		31	33	27	26	15	24	18	16	11	19	19	17	18	18	14	9	25	488	total

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

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