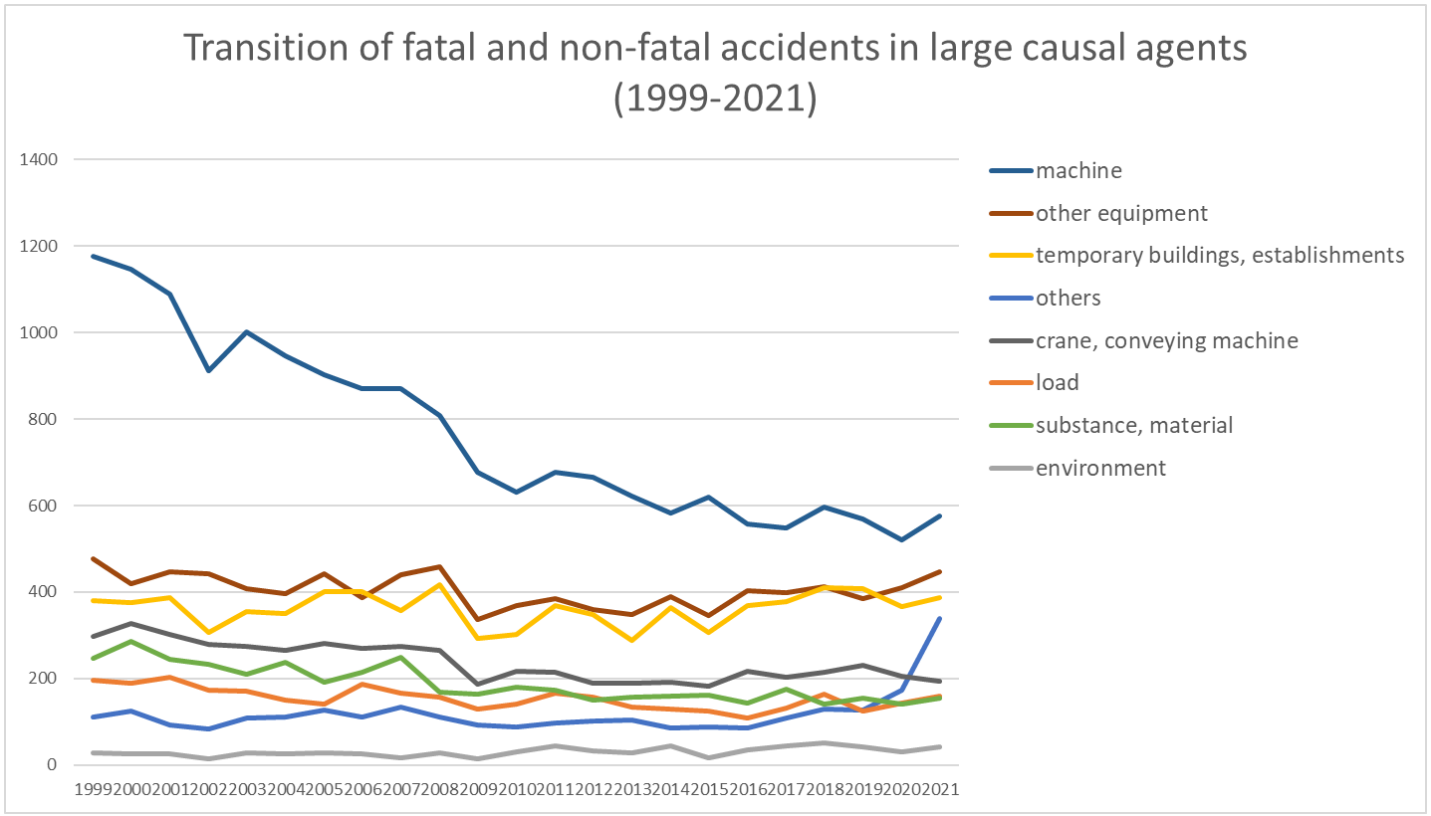
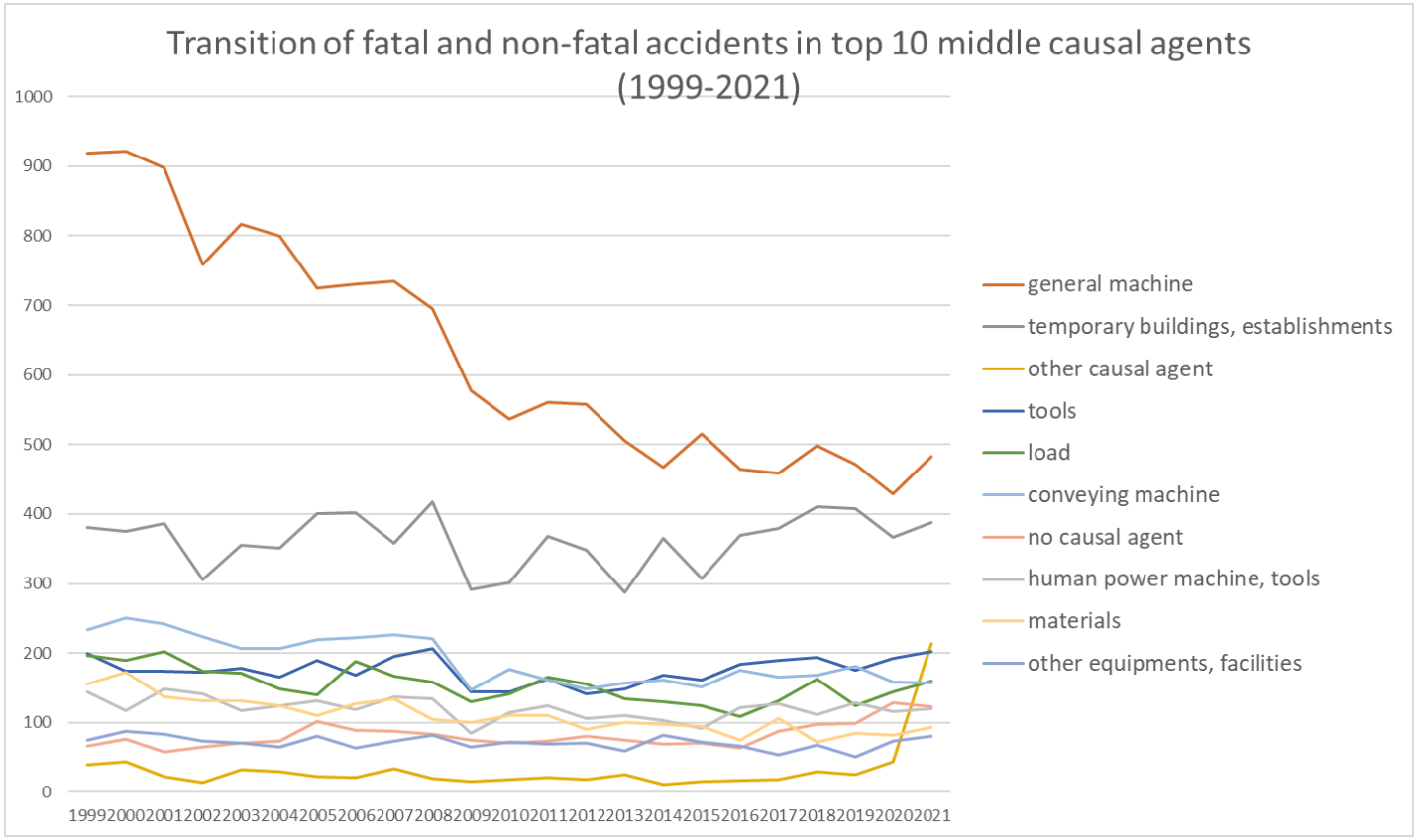
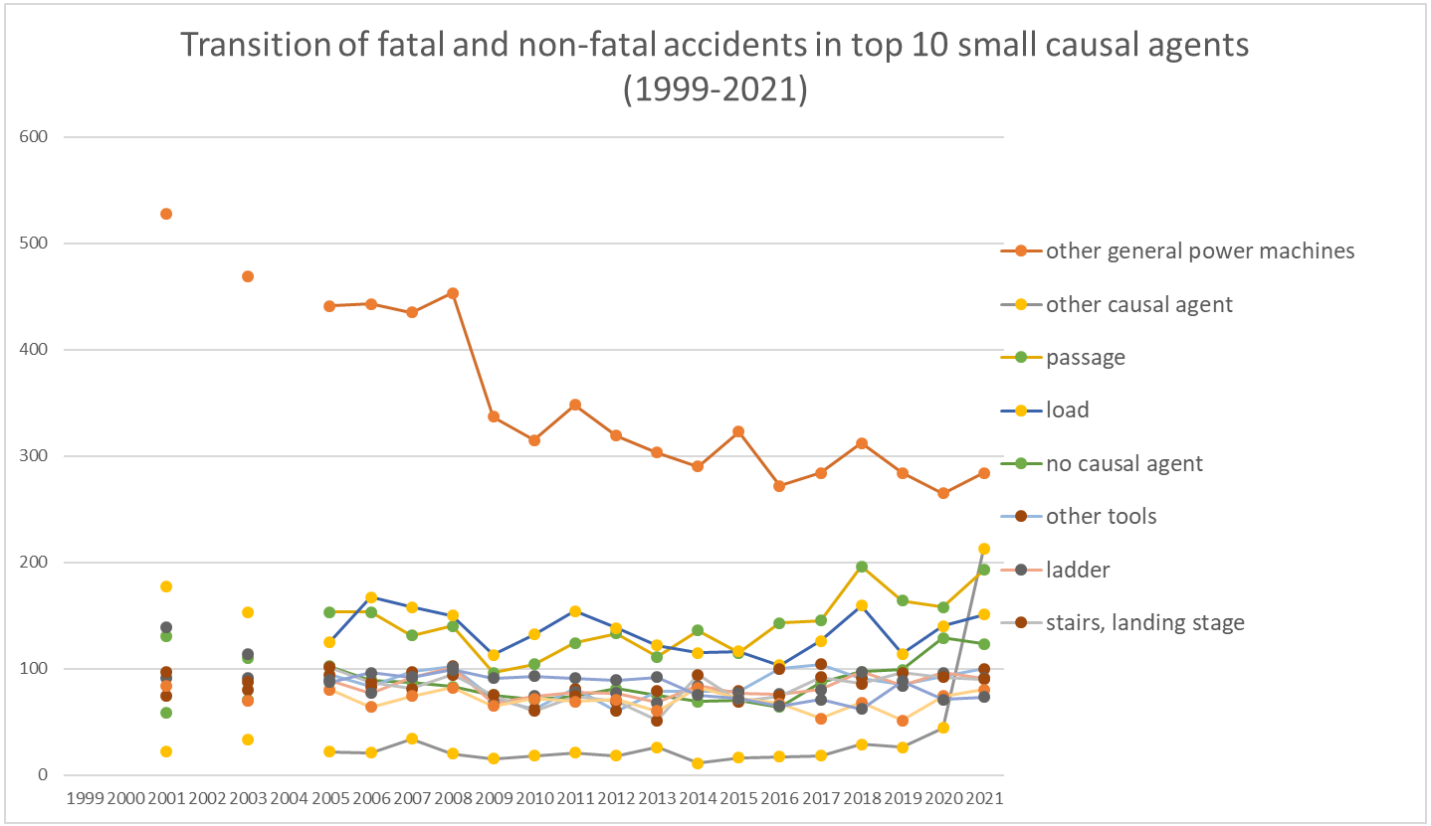
Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 0108 chemical products (1999-2021)



Transition of fatal and non-fatal accidents in large causal agents in code no. 0108 chemical products (1999-2021)



Transition of fatal and non-fatal accidents in middle causal agents in code no. 0108 chemical products (1999-2021)



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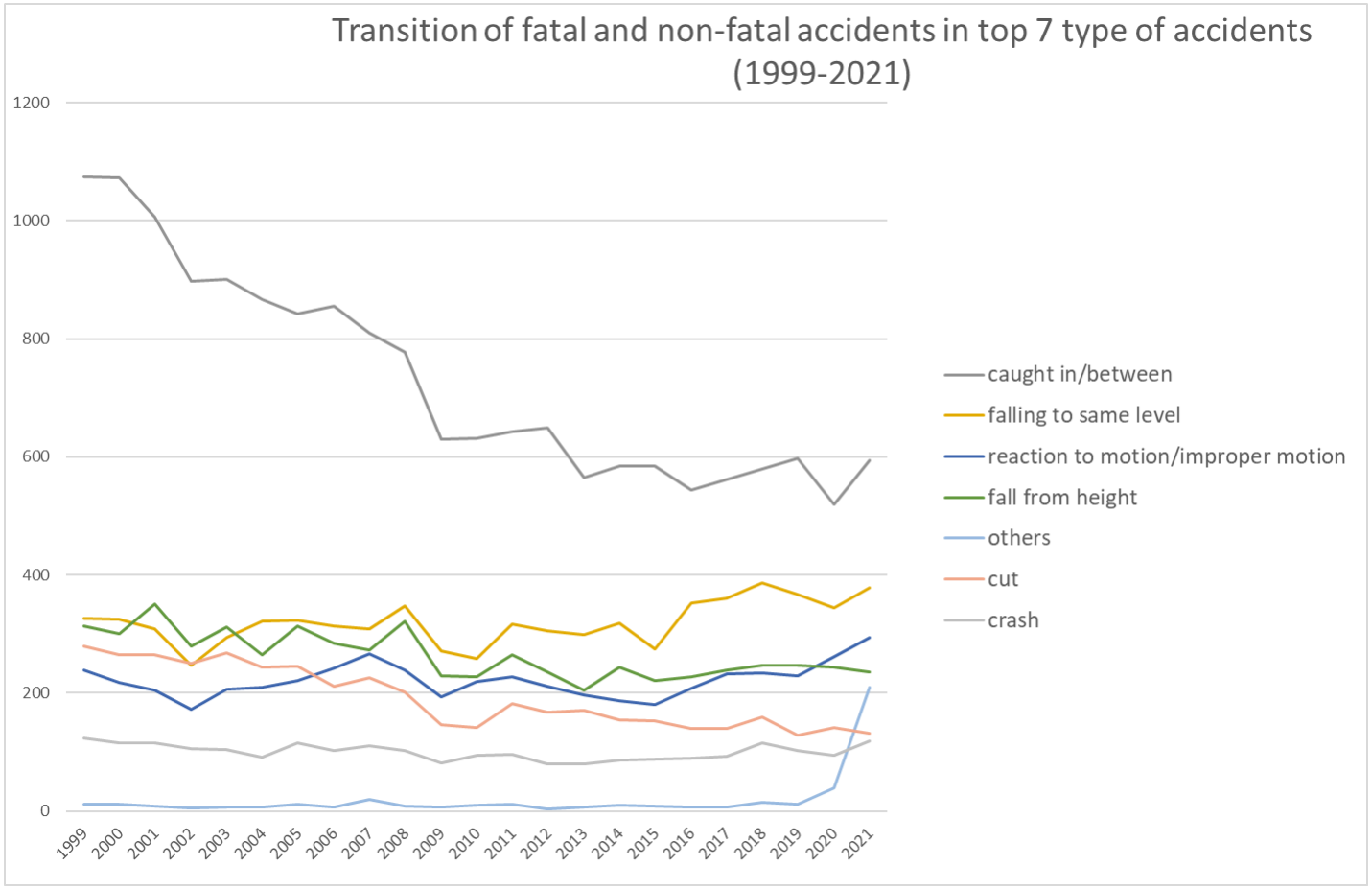
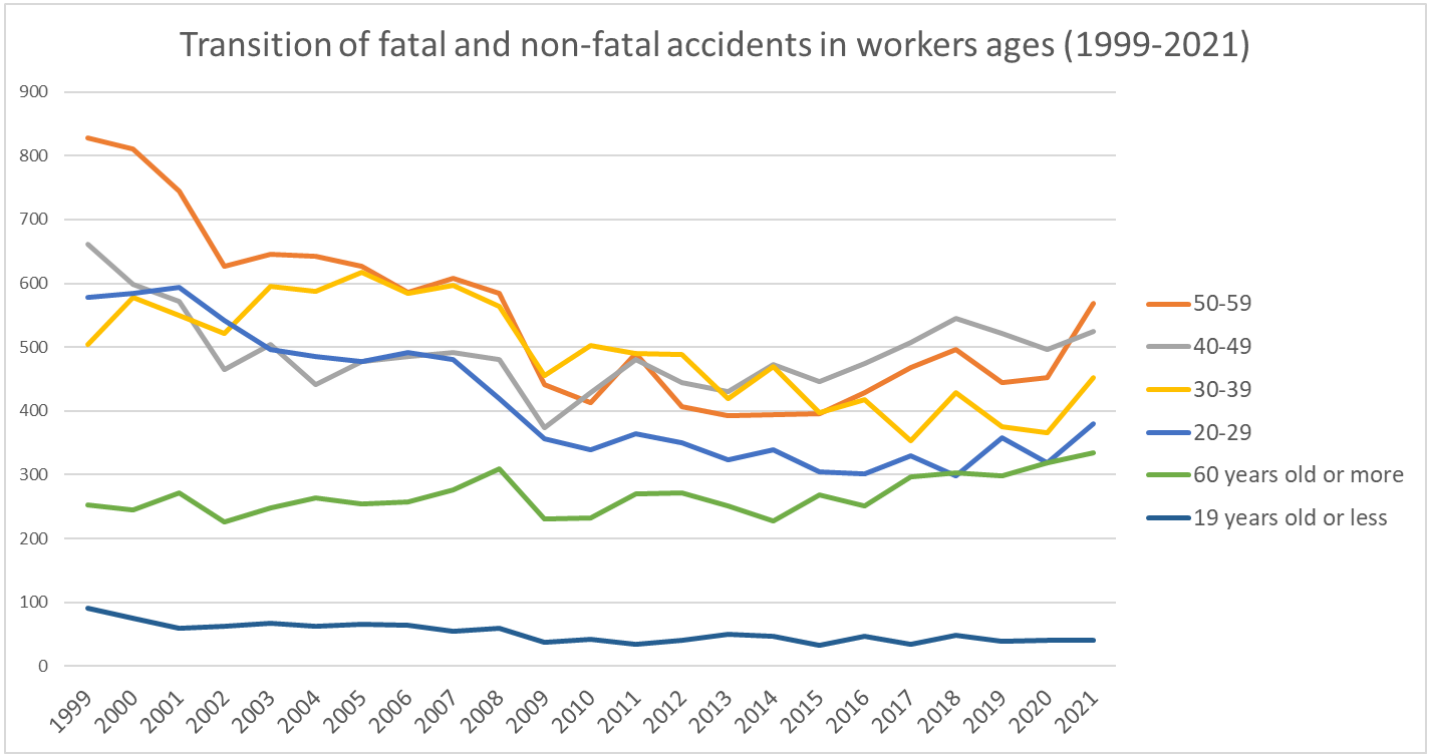
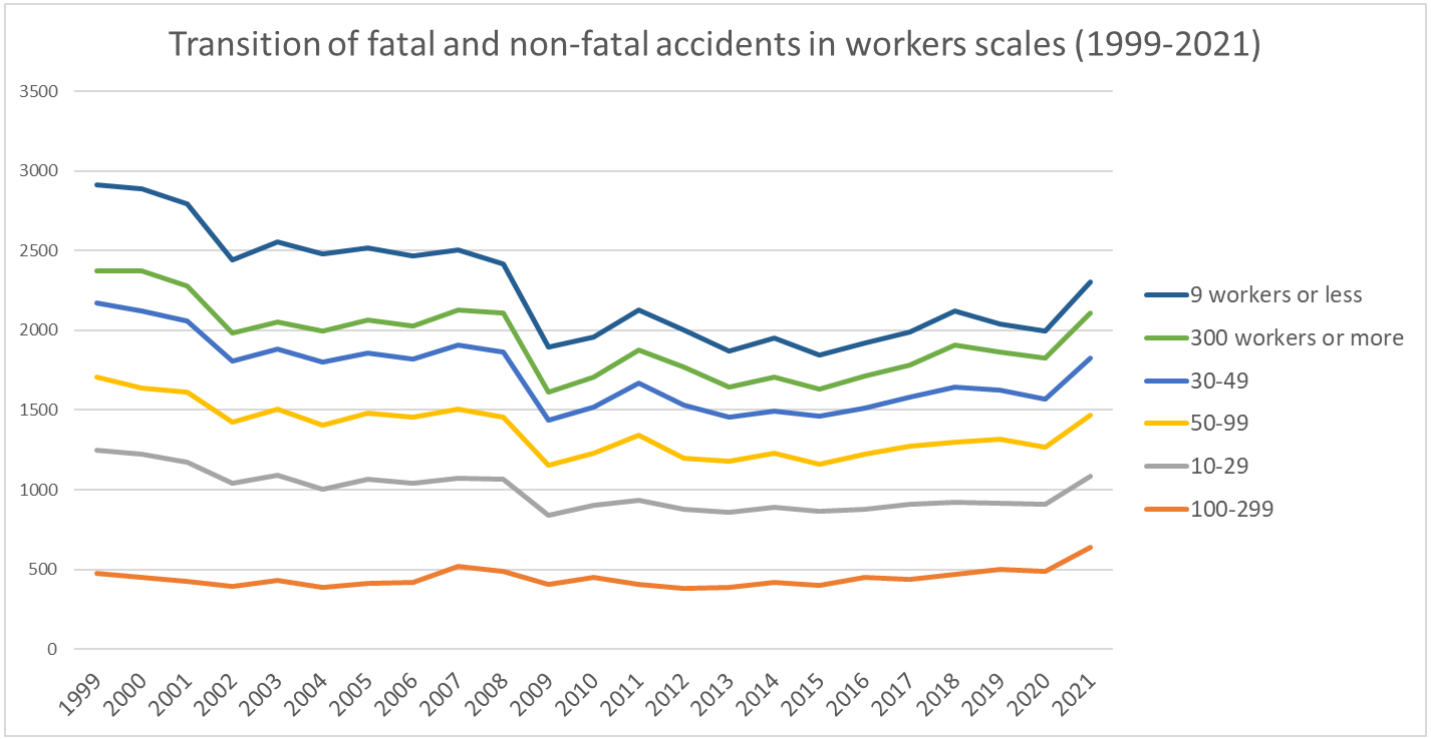


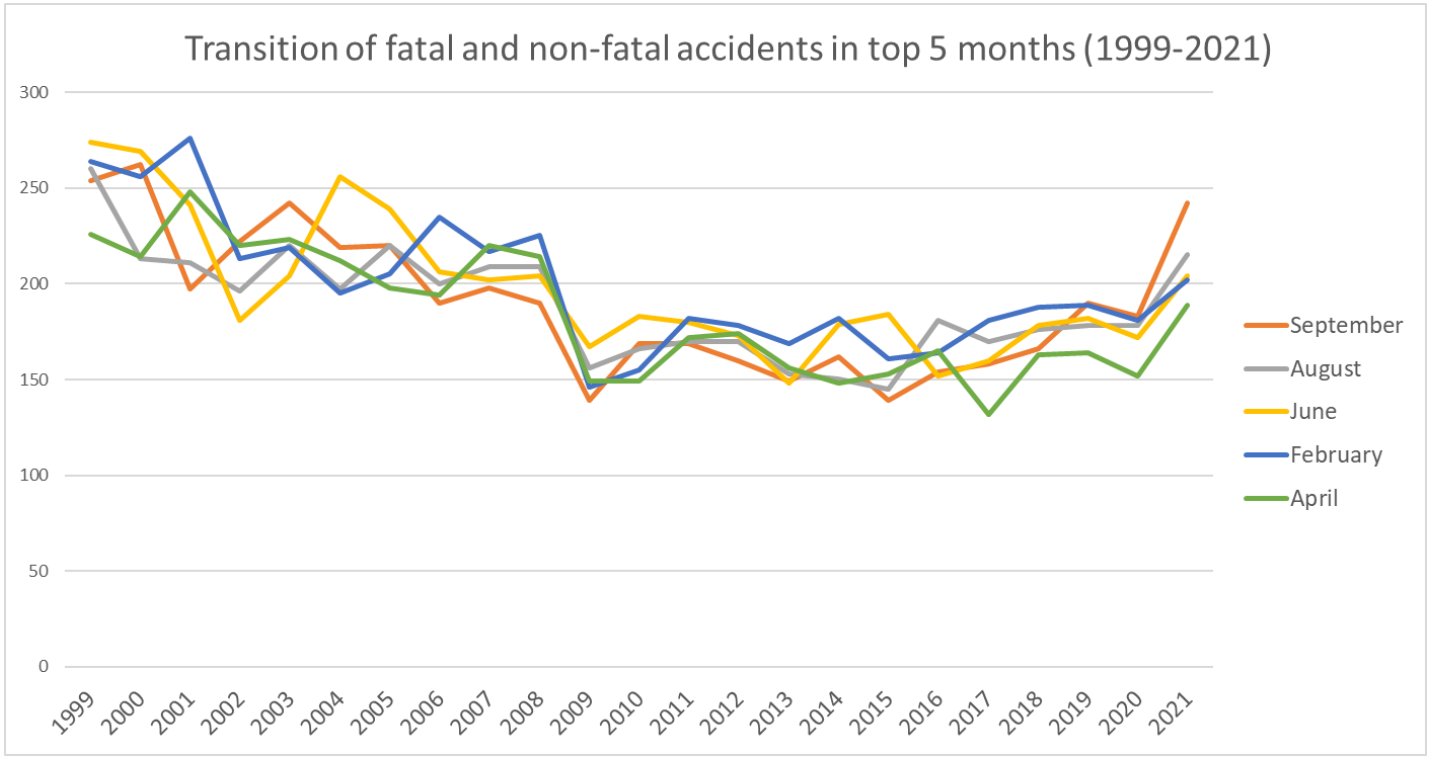
Transition of fatal and non-fatal accidents in type of accidents in code no. 0108 chemical products (1999-2021)



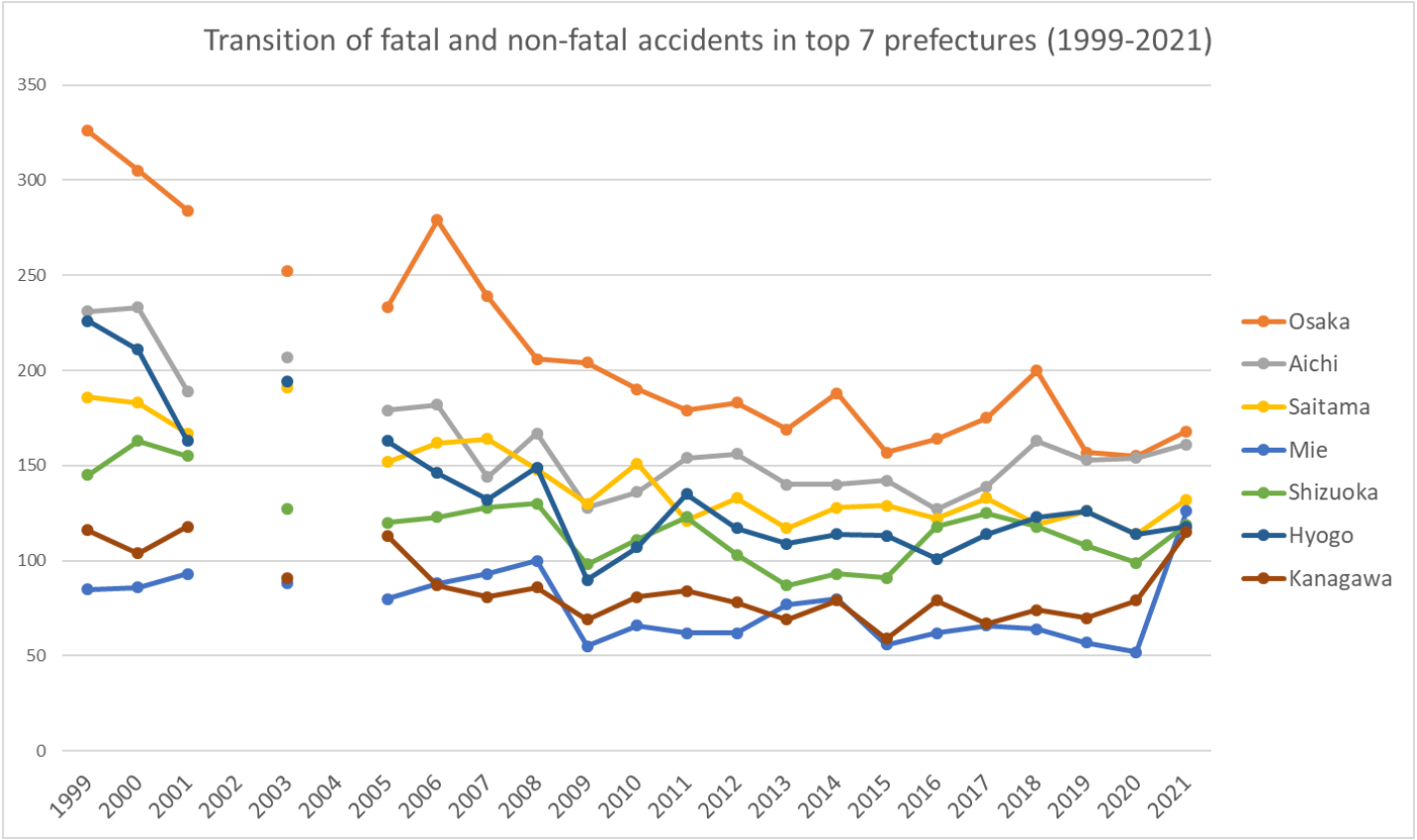
Transition of fatal and non-fatal accidents in workers ages in code no. 0108 chemical products (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 0108 chemical products (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 0108 chemical products (1999-2021)



Transition of fatal and non-fatal accidents in prefectures in code no. 0108 chemical products (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 0108 chemical products (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
1	machine	1,176	1,146	1,089	912	1,002	947	902	870	870	809	678	632	678	665	621	583	620	557	548	597	568	520	576	17,566	machine
3	other equipment	477	419	446	442	409	397	443	387	440	459	337	368	386	360	348	390	345	404	399	412	384	411	446	9,309	other equipment
4	temporary buildings, establishments	381	375	387	306	355	351	401	402	358	417	292	301	368	348	288	365	307	369	379	411	408	367	388	8,324	temporary buildings, establishments
9	others	112	125	93	84	108	110	128	112	133	112	92	89	98	101	103	86	89	85	109	130	127	174	338	2,738	others

2	crane, conveying machine	298	327	302	278	274	266	282	269	274	265	187	216	215	190	190	191	182	217	202	215	230	205	195	5,470	crane, conveying machine
6	load	197	189	203	174	171	149	140	188	167	158	130	142	166	156	135	130	124	109	132	163	124	144	160	3,551	load
5	substance, material	247	285	245	232	211	237	192	215	249	168	165	180	174	149	156	160	161	143	176	141	155	142	155	4,338	substance, material
7	environment	28	25	26	15	28	25	29	26	17	29	14	31	45	32	28	44	16	35	45	51	43	30	43	705	environment
	total	2,916	2,891	2,791	2,443	2,558	2,482	2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993	2,301	52,001	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 0108 chemical 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
16	general machine	919	922	898	759	817	800	725	730	735	695	577	537	560	558	505	467	515	464	458	499	472	429	483	14,524	general machine
41	temporary buildings, establishments	381	375	387	306	355	351	401	402	358	417	292	301	368	348	288	365	307	369	379	411	408	367	388	8,324	temporary buildings, establishments
91	other causal agent	39	44	22	14	33	30	22	21	34	20	15	18	21	18	26	11	16	17	18	29	26	44	213	751	other causal agent
37	tools	200	174	174	172	179	166	190	169	195	207	145	145	163	141	149	169	161	184	190	194	176	192	202	4,037	tools
61	load	197	189	203	174	171	149	140	188	167	158	130	142	166	156	135	130	124	109	132	163	124	144	160	3,551	load
22	conveying machine	234	251	242	224	206	207	219	222	226	221	147	177	161	149	157	161	151	175	166	169	181	159	157	4,362	conveying machine
92	no causal agent	67	76	58	65	71	74	102	89	87	83	75	71	74	81	75	69	70	64	87	97	99	129	123	1,886	no causal agent
36	human power	144	117	148	142	117	125	131	119	137	134	85	115	124	106	111	103	92	121	128	112	129	116	120	2,776	human power

	machine, tools																								machine, tools
52	materials	155	172	137	132	131	125	110	127	134	105	101	111	111	90	100	97	95	75	106	72	85	82	93	2,546	materials
39	other equipments, facilities	75	88	84	73	70	65	80	64	74	82	65	72	69	71	60	82	72	67	53	68	51	74	80	1,639	other equipments, facilities
51	hazards, harmful substances	92	113	108	100	80	112	82	88	115	63	64	69	63	59	56	63	66	68	70	69	70	60	62	1,792	hazards, harmful substances
15	metal manufacturing machine	161	142	120	99	102	87	101	78	75	64	45	47	67	61	57	59	56	56	54	61	55	60	50	1,757	metal manufacturing machine
71	natural environment	28	25	26	15	28	25	29	26	17	29	14	31	45	32	28	44	16	35	45	51	43	30	43	705	natural environment
32	chemical facilities	23	19	9	16	17	22	18	18	18	10	10	10	17	16	9	17	8	11	8	19	12	8	24	339	chemical facilities
21	crane	39	40	31	28	29	28	34	27	26	29	17	17	27	20	18	17	23	22	14	22	24	25	22	579	crane
12	power transmission mechanism	45	38	31	28	31	28	36	24	23	27	26	26	21	19	32	28	22	17	18	19	17	13	18	587	power transmission mechanism
13	woodworking machine	41	37	25	22	43	23	37	34	31	17	22	17	26	21	23	18	24	19	14	18	18	14	16	560	woodworking machine
23	vehicle	25	36	29	26	39	31	29	20	22	15	23	22	27	21	15	13	8	20	22	24	25	21	16	529	vehicle
34	kiln, caldron	15	9	14	17	8	5	10	7	5	11	12	9	7	3	8	13	5	5	4	6	8	8	7	196	kiln, caldron
31	pressure vessel	8	8	9	16	10	6	10	9	8	12	12	9	5	13	5	1	6	7	5	4	4	1	7	175	pressure vessel
35	electric equipment	6	4	7	6	8	5	3	1	3	3	8	5	1	9	6	4	1	5	10	5	4	10	6	120	electric equipment
																										construction

14	construction machine	9	5	12	4	8	5	3	3	3	5	7	5	4	4	3	9	3	1	3		6	3	6	111	machine
11	engine	1	2	3		1	4		1	3	1	1			2	1	2			1			1	3	27	engine
99	unclassifiable	6	5	13	5	4	6	4	2	12	9	2		3	2	2	6	3	4	4	4	2	1	2	101	unclassifiable
33	welding equipment	6		1			3	1					3		1		1		4	1	4		2		27	welding equipment
17	mobile silviculture machine																									mobile silviculture machine
	total	2,916	2,891	2,791	2,443	2,558	2,482	2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993	2,301	52,001	total

Transition of fatal and non-fatal accidents in small causal agents in code no. 0108 chemical 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			528		469		441	443	435	453	337	315	348	319	303	290	323	272	284	312	284	265	284	6,705	other general power machines
911	other causal agent			22		33		22	21	34	20	15	18	21	18	26	11	16	17	18	29	26	44	213	624	other causal agent
417	passage			130		110		153	153	131	140	96	104	124	133	111	136	115	143	145	196	164	158	193	2,635	passage
611	load			177		153		125	167	158	150	113	132	154	138	122	115	116	103	126	159	114	140	151	2,613	load
921	no causal agent			58		71		102	89	87	83	75	71	74	81	75	69	70	64	87	97	99	129	123	1,604	no causal agent
379	other tools			74		80		94	83	97	102	72	62	81	60	79	79	79	100	104	91	85	93	100	1,615	other tools
371	ladder			91		91		89	77	92	101	67	74	78	77	68	84	77	76	80	97	84	96	91	1,590	ladder
413	stairs, landing stage			97		87		101	87	81	94	75	60	74	69	51	94	69	74	92	86	96	92	90	1,569	stairs, landing stage
391	other equipment, facilities			84		70		80	64	74	82	65	72	69	71	60	82	72	67	53	68	51	74	80	1,338	other equipment, facilities
163	roll machine (except printingroll machine)			139		114		87	96	92	99	91	93	91	89	92	75	72	65	71	62	88	71	73	1,660	roll machine (except printingroll machine)

222	forklift			105		83		107	100	98	99	61	74	81	62	72	71	70	84	96	74	72	55	64	1,528	forklift
164	injection molding machine			132		132		121	103	111	75	76	81	57	70	56	49	51	52	45	52	42	43	55	1,403	injection molding machine
364	hand tool			88		51		71	78	61	71	45	59	57	56	56	52	36	57	57	49	49	57	53	1,103	hand tool
224	conveyor			71		70		55	71	70	74	38	52	48	47	49	38	48	42	32	46	47	54	53	1,005	conveyor
162	mixer, grinder			82		79		56	72	77	52	50	37	46	60	44	45	52	55	47	47	49	41	51	1,042	mixer, grinder
362	human power hauling equipment			49		63		56	36	64	58	36	49	62	48	49	45	48	60	64	57	69	52	48	1,013	human power hauling equipment
529	other materials			54		54		50	62	66	59	52	65	61	44	52	52	47	37	59	32	42	39	45	972	other materials
521	metal material			71		68		49	59	62	41	47	40	44	41	43	40	42	33	41	35	41	41	40	878	metal material
416	working platform, boot board			57		64		53	62	51	68	52	52	69	62	40	54	51	56	46	47	56	38	37	1,015	working platform, boot board
418	building, establishment			56		49		38	51	47	60	41	43	54	50	43	32	39	52	45	41	35	34	32	842	building, establishment
221	truck			54		44		44	44	42	31	36	39	24	35	30	40	25	37	24	37	46	34	27	693	truck
419	other temporary buildings, establishments			37		29		37	32	29	30	19	27	29	20	29	35	22	30	41	31	39	30	27	573	other temporary buildings, establishments
519	other hazards, harmful substances			44		28		24	30	36	27	17	23	20	17	24	16	21	22	34	31	29	26	27	496	other hazards, harmful substances
321	chemical facilities			9		17		18	18	18	10	10	10	17	16	9	17	8	11	8	19	12	8	24	259	chemical facilities
715	high/cold temperature environment			7		5		9	13	5	11	3	15	16	11	8	14	9	10	18	23	29	16	21	243	high/cold temperature environment
514	harmful substance			43		30		39	39	47	26	21	26	26	28	14	38	36	34	24	26	27	21	20	565	harmful substance
121	power transmission			31		31		36	24	23	27	26	26	21	19	32	28	22	17	18	19	17	13	18	448	power transmission

	mechanism																								mechanism
211	crane			20		22		27	18	17	17	10	11	21	13	13	11	20	14	9	13	16	17	17	306	crane
361	human power cranes			3		2		1	4	6	3	2	3	2		1	1	3	2	3	2	9	6	17	70	human power cranes
719	other environments			14		16		10	10	6	13	7	11	20	18	15	25	4	22	20	22	8	7	15	263	other environments
231	cars, bus, motorcycle			23		34		28	17	20	14	21	20	23	20	12	10	7	19	20	20	23	21	14	366	cars, bus, motorcycle
154	power press			27		29		26	22	17	16	16	14	13	18	14	12	17	11	17	19	17	16	14	335	power press
131	circular sawing machine			19		23		29	28	18	12	14	14	22	12	12	11	20	13	14	15	12	10	13	311	circular sawing machine
166	printing machine			14		19		16	10	11	10	13	8	9	15	7	6	8	11	10	12	5	5	13	202	printing machine
151	lathe			21		19		15	9	6	14	6	8	11	10	6	10	6	11	9	9	7	8	13	198	lathe
229	other powered conveying machines			8		8		11	6	13	12	9	12	5	4	4	10	8	10	14	10	14	15	13	186	other powered conveying machines
372	slinging tool			9		8		7	9	6	4	6	9	4	4	2	6	5	8	6	6	7	3	11	120	slinging tool
612	machine/equipment as load			26		18		15	21	9	8	17	10	12	18	13	15	8	6	6	4	10	4	9	229	machine/equipment as load
159	other metal manufacturing machines			36		20		31	19	24	11	7	12	23	9	17	13	14	11	11	10	10	13	8	299	other metal manufacturing machines
152	drill press, milling machine			18		13		6	7	8	12	7	5	8	9	9	9	10	9	4	12	9	13	8	176	drill press, milling machine
512	inflammable substance			12		13		7	15	26	7	19	14	8	11	7	6	7	9	9	6	11	11	7	205	inflammable substance
522	lumber, bamboo			9		8		10	6	5	3	2	5	5	3	3	4	5	5	5	4		2	6	90	lumber, bamboo
153	grinding machine,			7		7		11	14	12	7	4	4	9	9	6	9	6	8	10	6	7	5	5	146	grinding machine,

	buffing machine																								buffing machine
511	explosive substance			6		5		7	2	6	2	2	3	5	2	7	2		1	2	3	2	2	5	64	explosive substance
167	industrial robot			2		2		2	3	3	4	5	3	5	4	2	2	4	4		5	4	2	5	61	industrial robot
141	leveling, transporting or loading machine			9		3		1		1	2	6	2	3	2		3	3		2		4		5	46	leveling, transporting or loading machine
319	other pressure vessels			4		2		2		4	3	3	1	1	3	1	1	1	3	3	3	2	1	5	43	other pressure vessels
414	opening			3		3		6	5	9	10	2	8	7	8	4	7	2	8	3	2	8	8	4	107	opening
342	industrial dryer			3		6		5	3	1	3	7	3	3	2	4	6	2		2	2	4	4	4	64	industrial dryer
351	transmission			3		2		1	1	1		5	1		3	3	2		3	5	1	1	5	4	41	transmission
415	roof, beam, haze, crossbeam, principal rafter			3		9		10	7	6	9	5	3	5	3	4	4	6	4	2	4	5	5	3	97	roof, beam, haze, crossbeam, principal rafter
214	elevator, lift			10		7		3	4	8	4	2	2	3	5	3	4	3	4	3	5	7	5	3	85	elevator, lift
513	inflammable gas			3		4		5	2		1	5	3	4	1	4	1	2	2	1	3	1		3	45	inflammable gas
713	water					3		5		3	2	2		7	1	1	5	2	2	2	2	2	3	3	45	water
111	engine			3		1			1	3	1	1			2	1	2			1			1	3	20	engine
156	shearing machine			11		14		11	7	7	4	5	4	3	6	5	6	3	6	3	5	5	5	2	112	shearing machine
999	unclassifiable			13		4		4	2	12	9	2		3	2	2	6	3	4	4	4	2	1	2	79	unclassifiable
312	pressure vessel			5		7		5	8	2	7	7	7	4	10	3		3	3	2	1	1		2	77	pressure vessel
341	kiln, caldron			10		2		5	1	3	7	3	4	4	1	4	6	3	3	2	4	4	4	2	72	kiln, caldron
411	scaffolding			4		4		3	5	4	6	2	4	5	3	6	3	3	2	5	4	5	2	2	72	scaffolding
363	human power machine			8		1		3	1	6	2	2	4	3	2	5	5	5	2	4	4	2	1	2	62	human power machine
	band sawing																									band sawing

132	machine			2		6		4	2	4		1	1		3	5	1	3	2		3	3	1	2	43	machine
239	other vehicles			6		4			3	2	1	2	1	4	1	2	3	1	1	2	4	2		2	41	other vehicles
359	other electrical equipment			2		1		1		1	2	2	2	1	2	2	1	1		2	2	2	4	2	30	other electrical equipment
711	natural ground, rock			2		2		3	1	2		1	3		1	1		1	1	1	2	2	1	2	26	natural ground, rock
523	stone, sand, substance			3		1		1		1	2		1	1	2	2	1	1		1	1	2		2	22	stone, sand, substance
714	abnormal environment			3		2		2	1	1	2		1	1						2	1	1	2	2	21	abnormal environment
219	other powered crane			1				2	4	1	5	3	4	2	2	2	1		2	2	4	1	3	1	40	other powered crane
161	centrifugal machine					1			2	4	2	1		3				3	4	1	7		1	1	30	centrifugal machine
142	excavating machine			1		5			2	1	2		1	1		2	5					1	3	1	25	excavating machine
165	food manufacturing machine			1		1		2	1	2		4		1	1	1		2	1		2		1	1	21	food manufacturing machine
349	other kiln, caldron			1					3	1	1	2	2				1		2					1	14	other kiln, caldron
212	mobile crane							2	1		2	2		1			1		2					1	12	mobile crane
136	chain saw					1						1					2					1		1	6	chain saw
133	wood planer machine			3		4		3	2	4	2	2		3	3	3	2		1			2			34	wood planer machine
139	other woodworking machines			1		8		1	1	4	2	2	1		2	2	2	1	3				2		32	other woodworking machines
352	electric power facilities			2		5		1		1	1	1	2		4	1	1		2	3	2	1	1		28	electric power facilities
225	loader			4		1		1	1	2	3	3		1	1	1			1		1	1	1		22	loader

311	boiler					1		3	1	2	2	2	1			1		2	1			1			17	boiler
712	standing tree								1		1	1	1	1	1	3				2	1	1	1		14	standing tree
223	railway equipment									1	2			2		1	1		1		1	1			10	railway equipment
149	other construction machines			1				2	1			1			1	1	1		1						9	other construction machines
339	other welding equipment												2		1		1		2	1			2		9	other welding equipment
332	arc welding equipment							1					1						2		3				7	arc welding equipment
134	hollow chisel mortiser, wood borer								1		1	1		1		1							1		6	hollow chisel mortiser, wood borer
135	chamfering machine, router, woodworking milling machine					1				1		1	1		1										5	chamfering machine, router, woodworking milling machine
146	vehicle for high lift work										1		2		1							1			5	vehicle for high lift work
232	railway vehicle					1		1					1			1									4	railway vehicle
145	demolition machine									1										1					2	demolition machine
155	forging pressure hammer							1		1															2	forging pressure hammer
227	rough terrain hauler							1									1								2	rough terrain hauler
331	gas welding equipment			1																	1				2	gas welding equipment
144	hardening machine			1																					1	hardening machine

216	gondola										1														1	gondola
412	timbering													1											1	timbering
143	foundation work machine																									foundation work 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
215	cargo lifting appliance																									cargo lifting appliance
217	lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway
218	simple skyline yarding equipment																									simple skyline yarding equipment
226	straddle carrier																									straddle carrier
515	radiation																									radiation
	total			2,791		2,558		2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993	2,301	41,269	total

Transition of fatal and non-fatal accidents in type of accidents in code no. 0108 chemical 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	1,075	1,073	1,006	898	901	867	843	855	809	778	629	631	642	649	565	584	584	543	561	579	598	520	594	16,784	caught

																										in/between
02	falling to same level	327	324	308	247	294	322	323	314	308	347	272	259	316	306	299	319	274	352	361	386	367	344	378	7,347	falling to same level
19	reaction to motion/improper motion	238	218	205	173	207	210	221	242	266	239	194	220	227	212	196	187	180	208	233	234	229	262	294	5,095	reaction to motion/improper motion
01	fall from height	313	300	351	279	311	264	313	284	273	321	229	228	264	236	204	244	221	227	239	247	247	243	235	6,073	fall from height
90	others	11	11	8	5	7	7	11	7	19	8	6	10	11	3	7	10	8	6	6	15	12	39	210	437	others
08	cut	279	264	264	250	268	243	246	212	226	202	147	141	182	168	171	155	153	140	140	159	129	141	132	4,412	cut
03	crash	124	115	116	106	104	91	115	102	111	102	82	95	96	79	79	87	88	90	92	115	103	95	118	2,305	crash
04	struck by flying or falling object	203	186	168	143	148	146	131	137	122	131	111	111	123	103	98	112	108	94	100	105	84	103	85	2,852	struck by flying or falling object
11	contact to high/low-temperature	92	90	99	85	70	87	83	74	78	73	60	74	67	54	66	62	46	54	77	70	77	59	78	1,675	contact to high/low-temperature
06	crashed by	101	111	85	97	84	69	77	83	99	89	47	65	69	53	81	73	58	79	75	72	73	65	75	1,780	crashed by
12	contact to harmful substance	49	63	71	62	52	77	59	58	73	41	40	47	43	45	26	45	51	53	48	54	45	45	45	1,192	contact to harmful substance
05	collapse	41	58	39	28	42	41	38	52	46	47	24	29	32	32	36	27	40	29	21	31	24	29	27	813	collapse
17	traffic accident (public road)	26	30	24	25	33	23	23	17	24	10	25	22	18	21	16	12	10	17	15	22	25	18	9	465	traffic accident (public road)
14	explosion	11	23	11	22	10	18	12	8	19	12	11	12	16	22	13	9	3	5	5	10	14	5	9	280	explosion
16	fire	12	10	11	8	9	6	9	18	13	6	10	8	4	5	3	6	5	6	2	4	3	13	4	175	fire
13	electric shock	2	3	6	4	5	5	1	3	4	1	4	2	3	5	3	4	3	6	4	4	4	3	2	81	electric shock
09	injury to the sole of	5	3	6	6	2	2	4		5	2	1	2	4	3		5	8	4	3	5		4	2	76	injury to the sole

	the foot																									of the foot
99	unclassifiable	3	3	7	3	4	3	5		8	2	1	1	2	3	5	6	2	2		4	4	3	2	73	unclassifiable
18	traffic accident (others)	1	1	1			1	1	1	2	1	1	2					2		4			2	1	21	traffic accident (others)
10	drown		2	2										9					1		1			1	16	drown
15	burst	3	3	3	2	7		2	2	3	5	1		2	2	1	2		3	4	3	1			49	burst
	total	2,916	2,891	2,791	2,443	2,558	2,482	2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993	2,301	52,001	total

Transition of fatal and non-fatal accidents in workers ages in code no. 0108 chemical products (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	828	810	745	626	646	642	626	586	608	584	441	413	490	407	393	394	395	428	468	497	445	452	569	12,493	50-59
4	40-49	662	599	572	465	504	442	477	486	492	480	374	429	481	445	431	473	446	475	508	545	522	497	524	11,329	40-49
3	30-39	504	578	549	522	596	587	618	584	597	564	455	503	490	488	420	470	398	418	353	429	376	366	453	11,318	30-39
2	20-29	578	584	594	542	497	485	477	492	480	420	357	339	365	350	324	339	305	301	330	298	358	319	380	9,514	20-29
6	60 years old or more	253	245	271	226	248	264	254	257	276	309	230	233	270	271	251	227	268	251	297	303	299	319	334	6,156	60 years old or more
1	19 years old or less	91	75	60	62	67	62	65	64	55	60	38	42	34	40	50	46	32	46	34	48	39	40	41	1,191	19 years old or less
	total	2,916	2,891	2,791	2,443	2,558	2,482	2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993	2,301	52,001	total

Transition of fatal and non-fatal accidents in workers scales in code no. 0108 chemical 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
5	100-299	476	452	427	392	431	387	414	421	517	490	406	450	408	381	390	416	401	448	438	467	502	489	639	10,242	100-299
2	10-29	770	772	743	648	663	615	649	618	554	578	436	454	524	494	470	472	466	427	470	452	416	417	445	12,553	10-29
4	50-99	460	412	441	386	410	404	418	417	433	389	314	325	411	323	318	343	290	347	364	382	400	360	383	8,730	50-99
3	30-49	466	487	445	383	376	393	376	361	401	406	280	287	327	335	276	265	303	289	311	345	309	303	358	8,082	30-49

6	300 workers or more	201	248	225	175	170	194	210	211	224	247	179	192	206	237	193	211	174	199	197	260	237	259	285	4,934	300 workers or more
1	9 workers or less	543	520	510	459	508	489	450	441	379	307	280	251	254	231	222	242	210	209	210	214	175	165	191	7,460	9 workers or less
	total	2,916	2,891	2,791	2,443	2,558	2,482	2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993	2,301	52,001	total

Transition of fatal and non-fatal accidents in months in code no. 0108 chemical products (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
9	September	254	262	197	222	242	219	220	190	198	190	139	169	169	160	149	162	139	154	158	166	190	183	242	4,374	September
8	August	260	213	211	196	220	197	220	200	209	209	156	166	170	170	153	150	145	181	170	176	178	178	215	4,343	August
6	June	274	269	241	181	204	256	239	206	202	204	167	183	180	173	148	179	184	152	160	178	182	172	204	4,538	June
2	February	264	256	276	213	219	195	205	235	217	225	146	155	182	178	169	182	161	164	181	188	189	181	202	4,583	February
4	April	226	214	248	220	223	212	198	194	220	214	149	149	172	174	156	148	153	165	132	163	164	152	189	4,235	April
3	March	263	258	251	210	198	206	224	223	239	223	156	180	182	167	136	164	149	141	189	185	167	166	188	4,465	March
7	July	231	259	274	238	229	236	232	224	217	230	192	176	195	166	193	161	180	152	171	182	194	159	186	4,677	July
10	October	249	236	255	212	221	218	202	184	215	204	156	167	193	165	159	181	168	182	171	176	161	193	185	4,453	October
1	January	239	259	215	189	207	200	202	214	189	230	182	187	175	158	147	171	139	179	187	204	155	170	183	4,381	January
5	May	221	233	223	186	225	185	185	212	212	184	140	150	166	181	155	152	136	148	147	174	150	138	177	4,080	May
11	November	219	242	211	204	198	182	190	201	211	167	156	148	164	171	168	159	156	162	159	193	169	155	170	4,155	November
12	December	216	190	189	172	172	176	200	186	179	137	156	129	182	138	136	140	134	139	165	135	140	146	160	3,717	December
	total	2,916	2,891	2,791	2,443	2,558	2,482	2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993	2,301	52,001	total

Transition of fatal and non-fatal accidents in prefectures in code no. 0108 chemical 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
27	Osaka	326	305	284		252		233	279	239	206	204	190	179	183	169	188	157	164	175	200	157	155	168	4,413	Osaka
23	Aichi	231	233	189		207		179	182	144	167	128	136	154	156	140	140	142	127	139	163	153	154	161	3,425	Aichi

11	Saitama	186	183	167		191		152	162	164	148	130	151	121	133	117	128	129	122	133	119	126	114	132	3,008	Saitama
24	Mie	85	86	93		88		80	88	93	100	55	66	62	62	77	80	56	62	66	64	57	52	126	1,598	Mie
22	Shizuoka	145	163	155		127		120	123	128	130	98	111	123	103	87	93	91	118	125	118	108	99	119	2,484	Shizuoka
28	Hyogo	226	211	163		194		163	146	132	149	90	107	135	117	109	114	113	101	114	123	126	114	118	2,865	Hyogo
14	Kanagawa	116	104	118		91		113	87	81	86	69	81	84	78	69	79	59	79	67	74	70	79	115	1,799	Kanagawa
12	Chiba	96	98	107		61		95	89	102	110	91	102	66	81	88	73	75	76	69	85	83	89	88	1,824	Chiba
10	Gunma	69	83	73		78		75	67	86	69	48	61	56	54	57	63	58	75	49	65	61	76	86	1,409	Gunma
8	Ibaraki	94	101	113		79		116	103	97	96	84	73	99	70	60	68	84	70	86	85	88	103	83	1,852	Ibaraki
21	Gifu	74	106	93		73		86	85	90	71	43	75	71	55	64	59	54	59	50	66	64	67	80	1,485	Gifu
9	Tochigi	74	75	75		73		70	72	65	67	59	48	65	79	58	46	48	56	56	63	73	45	76	1,343	Tochigi
40	Fukuoka	97	95	85		82		70	67	82	65	73	52	71	56	50	53	64	58	57	68	52	62	70	1,429	Fukuoka
29	Nara	78	72	92		71		79	81	73	68	63	56	62	67	68	58	50	51	74	62	61	52	59	1,397	Nara
7	Fukushima	47	33	48		38		46	50	51	38	41	41	37	36	33	31	25	32	44	47	40	40	57	855	Fukushima
1	Hokkaido	54	44	53		31		30	31	43	35	38	35	32	37	38	36	22	40	32	30	29	32	56	778	Hokkaido
25	Shiga	60	65	62		74		58	59	57	77	50	47	49	48	67	64	41	57	68	55	66	56	51	1,231	Shiga
33	Okayama	59	54	50		55		57	49	74	66	39	52	56	49	47	58	50	48	46	59	66	58	50	1,142	Okayama
34	Hiroshima	48	61	73		59		46	40	50	61	46	44	52	56	38	46	38	40	44	40	49	32	46	1,009	Hiroshima
16	Toyama	44	62	35		65		42	55	69	48	54	39	45	49	27	55	46	49	40	47	38	36	42	987	Toyama
15	Niigata	50	38	43		45		45	54	52	46	29	28	36	28	30	39	22	28	20	30	28	35	41	767	Niigata
35	Yamaguchi	55	59	52		45		53	39	48	46	34	29	35	34	33	36	35	35	28	36	43	43	35	853	Yamaguchi
18	Fukui	23	21	42		12		27	22	29	35	15	27	29	29	15	24	24	31	26	28	20	24	33	536	Fukui
13	Tokyo	129	119	118		103		84	67	63	63	44	57	53	37	46	48	32	45	51	37	46	36	31	1,309	Tokyo
30	Wakayama	53	36	42		32		37	40	35	22	18	32	35	20	31	15	21	12	27	31	28	28	27	622	Wakayama
37	Kagawa	44	29	32		25		31	20	29	23	19	19	27	28	20	19	28	19	21	38	26	23	27	547	Kagawa
20	Nagano	41	46	31		20		32	27	29	36	16	22	32	23	15	35	39	42	24	23	25	35	26	619	Nagano

36	Tokushima	32	25	23		23		30	22	29	29	26	15	24	21	16	14	26	18	24	18	25	12	25	477	Tokushima
4	Miyagi	31	24	23		40		36	21	23	29	25	23	29	25	19	18	25	20	19	20	16	28	23	517	Miyagi
26	Kyoto	49	31	27		47		39	42	31	28	16	11	28	23	18	14	30	20	24	29	30	31	21	589	Kyoto
44	Oita	24	18	16		9		6	15	11	13	9	11	11	14	7	16	12	12	15	15	8	9	20	271	Oita
3	Iwate	17	22	18		16		26	19	23	19	9	10	24	19	15	14	13	22	14	16	13	22	19	370	Iwate
38	Ehime	20	23	35		12		18	14	16	16	12	15	20	21	21	11	13	16	17	13	13	15	19	360	Ehime
19	Yamanashi	15	15	11		17		18	20	18	21	29	6	15	10	8	15	13	12	15	12	20	10	18	318	Yamanashi
41	Saga	15	22	15		16		19	15	16	27	12	16	17	11	20	14	13	12	18	33	24	20	17	372	Saga
17	Ishikawa	8	12	15		17		5	12	11	9	7	9	7	11	8	11	6	13	15	13	13	10	17	229	Ishikawa
32	Shimane	9	9	7		9		14	7	13	5	5	5	15	8	7	6	4	11	12	12	10	12	16	196	Shimane
43	Kumamoto	21	27	14		13		20	22	39	17	15	10	16	14	16	21	25	23	18	22	20	14	15	402	Kumamoto
6	Yamagata	9	23	16		24		20	23	15	18	15	17	23	15	22	10	17	17	22	13	12	13	15	359	Yamagata
5	Akita	11	8	13		11		7	5	12	19	7	5	5	10	8	9	7	3	4	12	13	9	13	191	Akita
45	Miyazaki	13	15	23		9		18	15	13	14	9	6	4	10	9	9	13	6	13	8	11	21	12	251	Miyazaki
31	Tottori	8	6	12		4		8	6	9	6	6	3	7	2	3	3	5	3	2	6	6	4	11	120	Tottori
46	Kagoshima	8	11	10		5		9	8	7	4	3	3	4	3	5	5	7	4	5	12	8	11	10	142	Kagoshima
2	Aomori	10	7	9		3		1	3	1	3	3	3	4	5	1	2	3	1	5	2	2	3	9	80	Aomori
39	Kochi	3	4	5		4		2	2	6	3	4	3	4	6	6	5	3	5	6	1	6	7	7	92	Kochi
47	Okinawa	3	5	4		3		2	6	3	4	2	4	3	2	5	2	2	3	5	5	3	1	6	73	Okinawa
42	Nagasaki	6	2	7		5			8	7	5	3	3	4	3	2	2	4	2	6	2	3	2	5	81	Nagasaki
	total	2,916	2,891	2,791		2,558		2,517	2,469	2,508	2,417	1,895	1,959	2,130	2,001	1,869	1,949	1,844	1,919	1,990	2,120	2,039	1,993	2,301	47,076	total

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