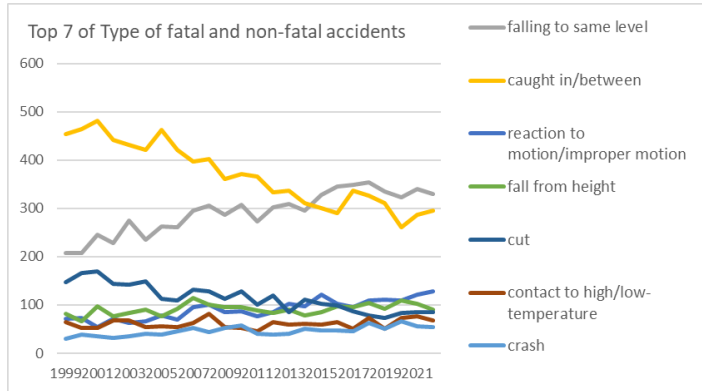
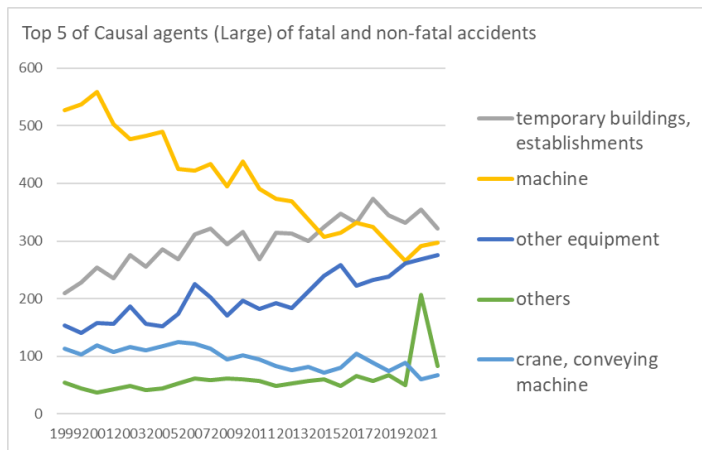


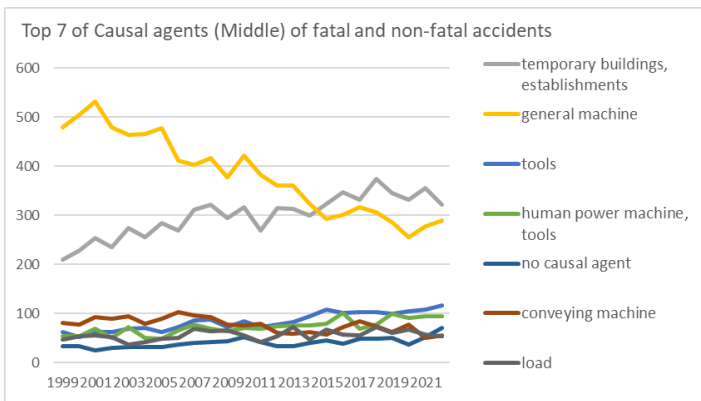
Transition of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)



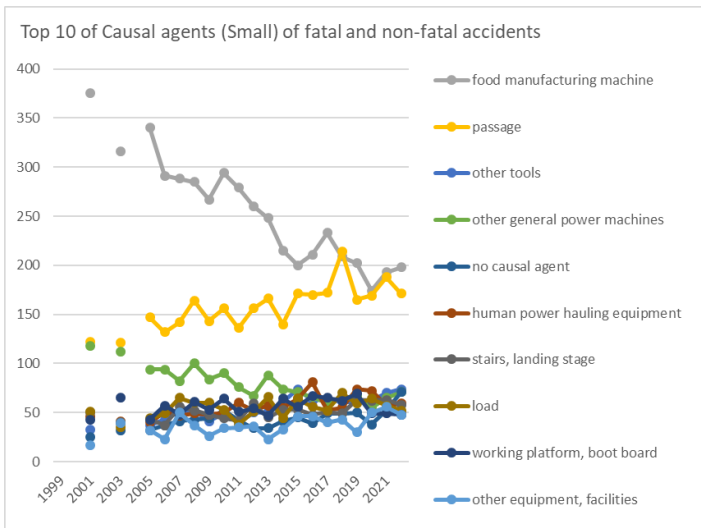
Transition of Top 7 of Type of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)



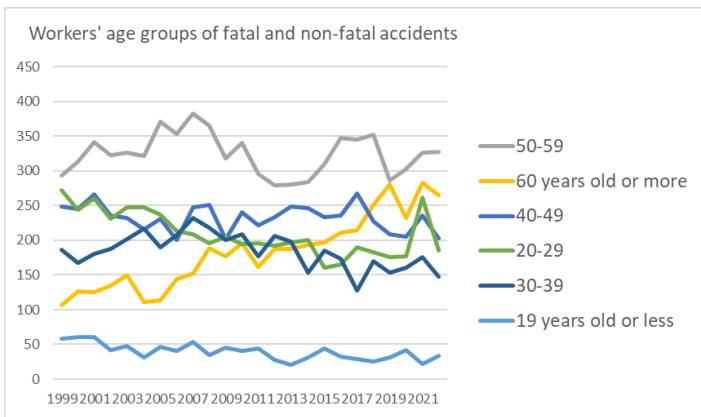
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)



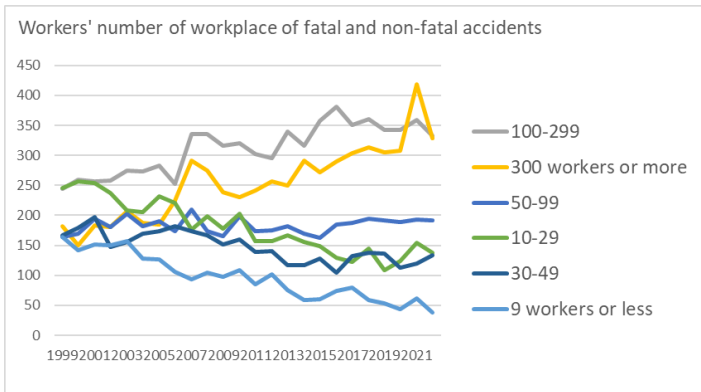
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)



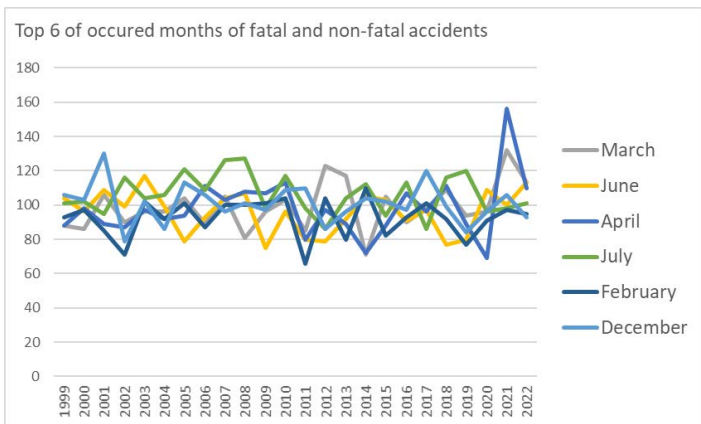
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)



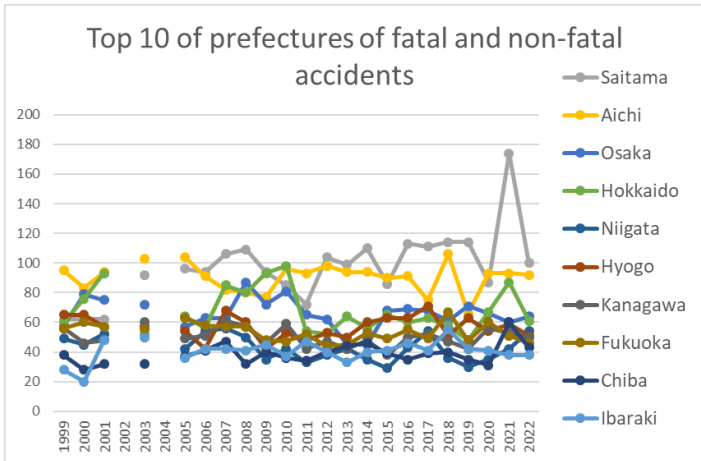
Transition of workers' age groups of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)

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	2022	total	Type of accidents	
falling to same level	208	207	245	229	275	235	263	261	296	306	287	307	273	303	310	295	329	345	349	354	335	323	341	330	7,006	falling to same level	
caught in/between	454	465	481	442	432	421	462	421	397	402	361	372	366	334	337	311	300	290	336	326	311	261	287	296	8,865	caught in/between	
reaction to motion/improper motion	72	74	55	71	63	67	79	69	96	101	85	87	77	85	102	98	121	102	96	109	111	109	122	128	2,179	reaction to motion/improper motion	
fall from height	81	67	97	76	84	91	77	93	114	100	95	95	88	84	90	78	86	98	95	105	92	110	102	90	2,188	fall from height	
cut	147	167	170	144	142	149	112	109	131	128	113	128	100	119	86	111	103	99	87	79	73	83	85	85	2,750	cut	
contact to high/low-temperature	65	53	52	68	68	54	56	55	62	82	55	52	45	64	59	61	59	65	50	74	50	74	76	68	1,467	contact to high/low-temperature	
crash	30	39	35	31	35	41	38	45	53	44	52	57	40	39	41	51	47	48	46	63	51	66	56	55	1,103	crash	
struck by flying or																											struck by flying

falling object	37	31	26	35	34	25	24	40	44	39	45	47	35	35	38	40	23	49	39	34	37	37	32	40	866	or falling object
crashed by	22	15	26	20	23	22	29	27	31	25	21	24	26	20	25	23	28	34	34	26	35	24	32	25	617	crashed by
traffic accident (public road)	30	21	29	16	16	19	23	18	17	12	14	17	17	16	17	13	9	5	14	7	4	10	9	11	364	traffic accident (public road)
collapse	6	8	6	8	15	10	10	8	9	3	11	20	11	12	12	18	10	17	18	17	21	13	11	11	285	collapse
contact to harmful substance	4	1	6	8	6	3	6	5	11	6	4	6	11	7	6		7	7	4	2	4	5	4	9	132	contact to harmful substance
fire		1			1	1										1				1	1			7	13	fire
others	4	2	4	2	4	4	2		9	3	1	6	3	5	3	4	4	1	4	6	6	4	145	5	231	others
unclassifiable	1			1	1		2	3	1	1	2	2		1	1	2		1	1	1	3			1	25	unclassifiable
injury to the sole of the foot	2		1	1	1	1	1	3	3		1			2	2		1	2	1		1		2		25	injury to the sole of the foot
electric shock		6		1	2	1	2		2				2		1		1	1		3			1		23	electric shock
explosion	2	1	2				3	1		1				1			1	1	1			1			15	explosion
traffic accident (others)				1	2					1		1			1					2	1				9	traffic accident (others)
drown					1								3												4	drown
burst									1							1	1								3	burst
total	1,165	1,158	1,235	1,154	1,205	1,144	1,189	1,158	1,277	1,254	1,147	1,221	1,097	1,127	1,131	1,107	1,130	1,165	1,175	1,209	1,136	1,120	1,305	1,161	28,170	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)

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	2022	total	Causal (L) agents
temporary buildings, establishments	210	228	254	236	275	256	285	269	312	321	295	316	269	315	313	300	324	347	331	374	345	331	355	322	7,183	temporary buildings, establishments

																											establishments
machine	527	537	558	503	477	482	490	425	422	433	395	438	391	374	369	337	307	315	331	325	296	265	291	297	9,585	machine	
other equipment	154	141	158	156	187	157	152	173	226	203	171	197	182	193	184	213	240	259	222	232	239	261	268	276	4,844	other equipment	
others	54	44	37	43	49	42	44	53	61	59	61	60	57	49	53	57	60	48	66	58	67	50	207	83	1,462	others	
crane, conveying machine	114	103	119	107	116	110	118	125	122	114	94	102	95	83	76	82	71	80	105	89	74	89	60	68	2,316	crane, conveying machine	
load	48	54	56	52	37	42	49	51	70	64	66	55	43	54	73	48	68	58	56	72	61	68	58	54	1,357	load	
substance, material	41	32	41	34	51	39	42	34	44	40	48	35	36	34	34	50	41	42	40	34	37	33	34	32	928	substance, material	
environment	17	19	12	23	13	16	9	28	20	20	17	18	24	25	29	20	19	16	24	25	17	23	32	29	495	environment	
total	1,165	1,158	1,235	1,154	1,205	1,144	1,189	1,158	1,277	1,254	1,147	1,221	1,097	1,127	1,131	1,107	1,130	1,165	1,175	1,209	1,136	1,120	1,305	1,161	28,170	total	

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)

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	2022	total	Causal (M) agents
temporary buildings, establishments	210	228	254	236	275	256	285	269	312	321	295	316	269	315	313	300	324	347	331	374	345	331	355	322	7,183	temporary buildings, establishments
general machine	479	505	532	479	463	466	477	411	403	417	377	422	383	360	361	323	293	301	317	307	286	255	277	289	9,183	general machine
tools	63	53	63	62	69	71	62	72	87	88	73	84	73	77	83	94	109	101	103	103	100	105	109	116	2,020	tools
human power machine, tools	54	54	69	50	72	50	49	66	77	69	65	71	69	74	76	76	80	102	70	78	99	92	94	94	1,750	human power machine, tools
no causal agent	33	33	25	30	32	32	32	37	41	43	44	52	42	34	34	41	45	39	49	49	50	38	52	71	978	no causal agent

conveying machine	82	78	93	89	95	79	90	103	96	93	78	76	79	61	59	62	57	72	85	75	63	77	50	55	1,847	conveying machine
load	48	54	56	52	37	42	49	51	70	64	66	55	43	54	73	48	68	58	56	72	61	68	58	54	1,357	load
other equipments, facilities	23	24	17	34	39	28	32	23	50	37	26	34	35	36	23	33	46	46	40	43	30	50	56	48	853	other equipments, facilities
natural environment	17	19	12	23	13	16	9	28	20	20	17	18	24	25	29	20	19	16	24	25	17	23	32	29	495	natural environment
materials	29	25	25	25	37	30	25	29	32	27	34	26	22	22	24	33	24	23	26	25	26	24	23	21	637	materials
kiln, caldron	6	4	4	6	4	4	3	5	5	4	1	4	2	3		5	4	3	5	6	4	5	6	12	105	kiln, caldron
other causal agent	18	10	12	11	15	10	11	13	19	16	11	6	15	14	18	13	13	9	16	8	14	10	155	11	448	other causal agent
vehicle	24	20	21	14	18	20	21	18	17	18	14	14	14	17	13	15	10	6	18	10	8	11	7	11	359	vehicle
hazards, harmful substances	12	7	16	9	14	9	17	5	12	13	14	9	14	12	10	17	17	19	14	9	11	9	11	11	291	hazards, harmful substances
power transmission mechanism	25	16	17	22	8	13	9	10	13	12	17	14	8	11	5	13	14	10	13	16	10	10	12	6	304	power transmission mechanism
electric equipment	5	3	2	2		2	2	4	4	2		3	2	3	2	2	1	3	4	1	5	6	3	6	67	electric equipment
crane	8	5	5	4	3	11	7	4	9	3	2	12	2	5	4	5	4	2	2	4	3	1	3	2	110	crane
metal manufacturing machine	22	16	8	2	5	1	4	4	4	3	1	2		2	1	1		1					2	1	82	metal manufacturing machine
unclassifiable	3	1		2	2		1	3	1		6	2		1	1	3	2		1	1	3	2		1	36	unclassifiable
engine						1			1															1	3	engine

pressure vessel	2	3	3	2	2	2	4	3	3	3	6	1				3		3		1	1	3			45	pressure vessel		
woodworking machine	1		1		1	1			1	1				1				3	1							11	woodworking machine	
chemical facilities	1												1					1								3	chemical facilities	
construction machine															2											2	construction machine	
welding equipment					1																					1	welding equipment	
mobile silviculture machine																												mobile silviculture machine
total	1,165	1,158	1,235	1,154	1,205	1,144	1,189	1,158	1,277	1,254	1,147	1,221	1,097	1,127	1,131	1,107	1,130	1,165	1,175	1,209	1,136	1,120	1,305	1,161	28,170	total		

Transition of Causal agents (Small) of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)

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	2022	total	Causal (S) agents
food manufacturing machine			375		316		340	291	288	285	267	294	279	260	248	215	200	211	233	209	202	174	193	198	5,078	food manufacturing machine
passage			122		121		147	132	142	164	143	156	136	156	166	140	171	170	172	214	165	169	188	171	3,145	passage
other tools			33		39		37	43	51	52	41	49	40	50	51	61	74	62	64	61	61	62	70	74	1,075	other tools
other general power machines			118		112		94	94	82	100	84	90	76	67	88	74	71	66	60	66	66	55	65	71	1,599	other general power machines
no causal agent			25		32		32	37	41	43	44	52	42	34	34	41	45	39	49	49	50	38	52	71	850	no causal agent
human power hauling equipment			46		41		40	51	47	49	48	50	60	52	57	55	64	81	52	55	74	72	57	59	1,110	human power hauling equipment
stairs, landing stage			50		40		43	37	56	52	48	44	42	59	45	53	53	48	51	49	63	62	63	58	1,016	stairs, landing stage
load			51		35		44	49	65	60	60	53	38	51	66	44	64	56	52	70	59	64	57	52	1,090	load

working platform, boot board			43		65		43	57	48	61	53	64	51	54	47	64	56	67	65	62	69	49	49	48	1,115	working platform, boot board
other equipment, facilities			17		39		32	23	50	37	26	34	35	36	23	33	46	46	40	43	30	50	56	48	744	other equipment, facilities
ladder			30		30		25	29	36	36	32	35	33	27	32	33	35	38	39	42	39	43	39	42	695	ladder
conveyor			52		57		62	71	57	69	49	48	50	39	41	46	39	41	59	46	42	50	34	39	991	conveyor
building, establishment			20		27		25	28	45	23	33	21	21	22	28	22	27	38	22	26	24	23	29	28	532	building, establishment
human power cranes					2			1	1	1	1		1	1		1		1			7	6	16	21	60	human power cranes
other materials			13		23		15	12	18	16	17	17	14	13	18	20	18	15	14	13	17	11	14	16	314	other materials
high/cold temperature environment			4		2		3	6	8	9	8	6	5	8	12	7	10	7	7	14	9	16	12	16	169	high/cold temperature environment
other temporary buildings, establishments			16		19		24	13	16	17	14	26	15	19	24	16	14	19	15	21	19	27	22	15	371	other temporary buildings, establishments
roll machine (except printingroll machine)			20		25		27	22	22	19	16	25	14	24	16	24	16	14	20	23	14	20	8	14	383	roll machine (except printingroll machine)
hand tool			22		29		9	14	28	18	15	21	8	20	18	19	15	19	16	21	18	12	21	14	357	hand tool
kiln, caldron			3		3		2	3	3	4	1	2	2	3		5	3	1	4	3	3	3	4	12	64	kiln, caldron
other causal agent			12		15		11	13	19	16	11	6	15	14	18	13	13	9	16	8	14	10	155	11	399	other causal agent
truck			33		29		21	22	23	15	19	19	15	12	13	9	9	15	16	14	11	20	10	11	336	truck
cars, bus, motorcycle			21		18		21	18	16	18	14	14	13	16	13	15	10	6	18	7	7	11	6	11	273	cars, bus, motorcycle
other environments			7		7		5	13	10	7	9	8	12	13	12	11	8	6	12	9	2	3	17	11	182	other environments

other hazards, harmful substances			8		11		5	2	11	3	14	6	3	8	6	12	10	13	10	8	9	8	9	7	163	other hazards, harmful substances
power transmission mechanism			17		8		9	10	13	12	17	14	8	11	5	13	14	10	13	16	10	10	12	6	228	power transmission mechanism
mixer, grinder			18		9		14	4	10	13	7	12	12	6	6	9	6	9	2	8	4	4	9	6	168	mixer, grinder
metal material			8		10		9	16	13	9	16	8	8	9	5	8	6	8	10	12	7	13	8	5	188	metal material
forklift			7		6		6	8	11	8	8	7	10	8	4	5	6	12	9	11	8	3	5	5	147	forklift
transmission			1				1	1	1			2			1	1		3	3		4	6		5	29	transmission
harmful substance			1				5	1	1	6		2	9	4	3	2	4	4	3	1		1	1	4	52	harmful substance
machine/equipment as load			5		2		5	2	5	4	6	2	5	3	7	4	4	2	4	2	2	4	1	2	71	machine/equipment as load
elevator, lift			2		2		7	3	9	2	2	11	1	4	4	4	3		2	3	1		3	1	64	elevator, lift
water			1		4		1	5		4		1	6	3	5	2	1	3	2	2	6	4	3	1	54	water
roof, beam, haze, crossbeam, principal rafter			2		3		3	1	2	1	1	2	1	4	1	1	1		1	1	2		2	1	30	roof, beam, haze, crossbeam, principal rafter
unclassifiable					2		1	3	1		6	2		1	1	3	2		1	1	3	2		1	30	unclassifiable
other metal manufacturing machines			6		3		3	3	2	2		1			1	1				1				1	24	other metal manufacturing machines
other electrical equipment			1				1	3	1	2			1	1	1	1	1		1	1	1		2	1	19	other electrical equipment
other powered crane			2		1			1		1						1	1		1	1	1			1	12	other powered crane
scaffolding			1								1	1			1			1	2		1			1	9	scaffolding
standing tree												1							3					1	5	standing tree

50-59	293	314	342	323	326	322	371	353	383	365	318	341	296	279	280	284	310	348	345	352	286	303	326	328	7,788	50-59
60 years old or more	107	127	125	135	150	111	114	144	152	189	177	196	162	188	187	193	197	211	215	251	281	232	283	265	4,392	60 years old or more
40-49	249	245	266	236	232	216	231	200	248	251	202	240	222	234	249	246	234	236	268	228	209	205	236	203	5,586	40-49
20-29	272	244	261	231	247	247	237	213	209	196	205	195	196	192	197	200	160	165	190	183	176	177	262	185	5,040	20-29
30-39	186	167	180	187	202	217	190	207	232	218	200	209	177	206	198	153	185	173	128	170	153	161	176	147	4,422	30-39
19 years old or less	58	61	61	42	48	31	46	41	53	35	45	40	44	28	20	31	44	32	29	25	31	42	22	33	942	19 years old or less
total	1,165	1,158	1,235	1,154	1,205	1,144	1,189	1,158	1,277	1,254	1,147	1,221	1,097	1,127	1,131	1,107	1,130	1,165	1,175	1,209	1,136	1,120	1,305	1,161	28,170	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)

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	2022	total	Workers scale
100-299	244	260	256	258	275	273	283	252	335	336	316	320	302	295	340	316	358	381	351	360	342	343	359	333	7,488	100-299
300 workers or more	182	150	183	180	207	187	184	225	291	275	239	231	241	257	250	291	272	290	303	313	305	308	418	328	6,110	300 workers or more
50-99	164	170	194	181	202	182	190	173	209	174	165	199	173	175	182	169	163	185	187	195	191	189	193	192	4,397	50-99
10-29	245	257	254	237	208	205	232	220	176	198	178	202	157	157	167	155	149	130	123	145	109	124	154	137	4,319	10-29
30-49	166	179	197	148	156	169	174	182	173	167	151	160	139	141	117	117	128	105	132	137	136	113	120	133	3,540	30-49
9 workers or less	164	142	151	150	157	128	126	106	93	104	98	109	85	102	75	59	60	74	79	59	53	43	61	38	2,316	9 workers or less
total	1,165	1,158	1,235	1,154	1,205	1,144	1,189	1,158	1,277	1,254	1,147	1,221	1,097	1,127	1,131	1,107	1,130	1,165	1,175	1,209	1,136	1,120	1,305	1,161	28,170	total

Transition of occurred months of fatal and non-fatal accidents in 010104 bread/cake products in Japan (1999-2022)

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Month
March	88	86	106	90	96	96	104	89	105	81	96	103	85	123	117	71	105	90	98	109	94	96	132	113	2,373	March
June	104	96	109	99	117	99	79	93	104	107	75	96	80	79	92	105	103	91	97	77	80	109	100	113	2,304	June
April	88	98	89	87	97	92	94	111	103	108	107	113	80	97	89	72	88	107	96	111	89	69	156	110	2,351	April
July	101	102	95	116	104	106	121	109	126	127	98	117	98	86	104	112	94	113	86	116	120	96	98	101	2,546	July

Yamagata	11	15	11		23		19	11	9	13	8	11	11	12	9	6	4	6	10	14	8	10	11	5	237	Yamagata
Kagawa	10	5	7		7		6	4	6	2	6	7	6	8	7	6	4	4	10	5	9	8	7	5	139	Kagawa
Toyama	12	14	9		12		16	9	9	11	10	4	8	11	3	6	6	8	5	8	8	2	11	4	186	Toyama
Kochi	8	14	11		17		13	11	10	10	13	12	10	6	8	4	5	7	5	5	5	6	8	3	191	Kochi
Akita	7	7	8		7		7	4	7	6	7	7	5	12	4	6	7	5	4	7	5	6	5	3	136	Akita
Shimane	9	5	5		4		2	5	4	7	4	4	4	4	4	5	3	2		4	2		4	3	84	Shimane
Fukui	2	7	10		2		5	1	10	3	8	8	2	4	3	3	7	5	2	6	3	3	3	2	99	Fukui
Oita	6	12	8		11		11	6	6	13	5	9	6	7	5	5	5	8	4	3	6	7	9	1	153	Oita
Wakayama	8	3	4		9			10	3	5	4	5	4	5	3	4	7	4	4	3	3	5	5	1	99	Wakayama
total	1,165	1,158	1,235	1,154	1,205	1,144	1,189	1,158	1,277	1,254	1,147	1,221	1,097	1,127	1,131	1,107	1,130	1,165	1,175	1,209	1,136	1,120	1,305	1,161	28,170	total

Data Source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> MHLW, Jaan

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