

Fatal and non-fatal accidents in other retails in Japan in 1999-2021

other retails industry Code No.080209

Type of accidents in other retails in 1999-2021

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
fall from height	579	646	642	716	719	740	788	795	799	820	831	806	906	829	882	980	984	1,014	984	1,096	1,194	1,147	1,197	20,094	fall from height
falling to same level	873	1,026	1,096	1,153	1,255	1,402	1,483	1,562	1,504	1,744	1,760	2,000	2,212	2,366	2,406	2,536	2,700	2,745	3,052	3,281	3,390	3,693	3,978	49,217	falling to same level
crash	175	194	187	178	207	221	234	222	250	283	238	292	251	267	283	346	321	365	447	440	428	458	553	6,840	crash
struck by flying or falling object	235	231	244	250	278	274	308	286	301	301	268	290	281	320	352	365	381	330	324	363	382	429	394	7,187	struck by flying or falling object
collapse	71	91	89	75	106	123	120	119	102	129	132	122	130	144	157	158	130	163	172	163	156	147	172	2,971	collapse
crashed by	106	118	161	131	132	136	153	132	174	185	160	161	178	210	168	195	214	209	239	265	255	322	322	4,326	crashed by
caught in/between	365	441	400	427	395	483	437	493	474	494	458	513	474	553	546	561	561	565	584	670	664	655	730	11,943	caught in/between
cut	532	586	514	606	661	693	719	701	705	749	710	744	814	815	835	826	839	856	831	826	885	929	943	17,319	cut
injury to the sole of the foot	10	8	9	7	2	7	5	11	6	10	1	7	3	7	8	4	8	7	16	4	4	7	8	159	injury to the sole of the foot
drown	1			1			1						40		1			1	3	1	2	2	1	54	drown
contact to high/low-temperature	101	123	151	160	127	167	158	179	195	218	209	227	223	247	265	272	220	258	261	292	299	278	259	4,889	contact to high/low-temperature
contact to harmful substance	10	10	4	15	10	11	14	14	18	18	18	14	13	10	12	13	17	15	14	13	21	27	33	344	contact to harmful substance

																										substance
electric shock			2	6	2	1	1	2	3	3	1	2	4	3	2	5	3	1	3	5		4	1	54	electric shock	
explosion	5	3	1	3	4	3	4	4	4	4	1	2	8	3	4		1	3	1	2	6	1	5	72	explosion	
burst	5	6	3	3	5	3	5	5	4	3	4	4	3	3	1	5	3	6	1	3	3	3	3	84	burst	
fire	5	7	3	6	1	4	5	8	2	4	4	3	7	7	3	4	1	6	1	3	3	1	1	89	fire	
traffic accident (public road)	304	382	371	400	352	375	344	348	343	314	324	343	333	408	355	375	401	341	360	418	401	394	508	8,494	traffic accident (public road)	
traffic accident (others)	3	2	6	3	2	2	8	6	4	5	2	3	4	4	3	5	3	3	4	6	7	5	3	93	traffic accident (others)	
reaction to motion/improper motion	455	495	570	577	584	626	701	808	812	909	856	913	927	1,041	980	1,106	1,079	1,209	1,343	1,354	1,509	1,774	1,901	22,529	reaction to motion/improper motion	
others	40	42	29	44	49	54	52	47	55	62	72	74	113	65	60	45	66	68	69	68	56	164	440	1,834	others	
unclassifiable	17	15	17	20	9	14	16	28	24	17	9	10	13	25	12	11	21	14	17	11	15	14	7	356	unclassifiable	
total	3,892	4,426	4,499	4,781	4,900	5,339	5,556	5,770	5,779	6,272	6,058	6,530	6,937	7,327	7,335	7,812	7,953	8,179	8,726	9,284	9,680	10,454	11,459	158,948	total	

Causal agents (large) of fatal and non-fatal accidents in other retails in 1999-2021

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
machine	365	382	346	383	391	394	396	386	394	424	389	437	432	436	432	417	437	422	397	445	455	432	450	9,442	machine
crane, conveying machine	647	809	771	797	761	782	786	775	758	754	648	712	725	791	703	780	811	730	722	808	803	800	958	17,631	crane, conveying machine
other equipment	798	888	913	1,018	1,060	1,268	1,330	1,418	1,423	1,577	1,630	1,627	1,765	1,923	2,064	2,159	2,139	2,284	2,455	2,631	2,807	3,005	3,154	41,336	other equipment

temporary buildings, establishments	1,020	1,196	1,233	1,304	1,453	1,525	1,566	1,676	1,691	1,859	1,851	2,109	2,251	2,254	2,283	2,425	2,661	2,761	2,979	3,066	3,225	3,409	3,662	49,459	temporary buildings, establishments
substance, material	297	304	294	321	282	349	345	331	320	316	274	307	281	343	308	295	280	312	265	303	306	323	325	7,081	substance, material
load	341	408	427	448	437	458	527	578	627	687	624	633	605	679	711	815	742	811	830	834	928	1,099	1,117	15,366	load
environment	105	103	168	113	97	149	142	150	123	150	129	153	296	239	230	280	210	270	273	344	257	295	339	4,615	environment
others	319	336	347	397	419	414	464	456	443	505	513	552	582	662	604	641	673	589	805	853	899	1,091	1,454	14,018	others
total	3,892	4,426	4,499	4,781	4,900	5,339	5,556	5,770	5,779	6,272	6,058	6,530	6,937	7,327	7,335	7,812	7,953	8,179	8,726	9,284	9,680	10,454	11,459	158,948	total

Causal agents (middle) of fatal and non-fatal accidents in other retails in 1999-2021

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
engine	1	3	1	1	1	3	1	1	2			3	2	2		1	1	3			2	2	1	31	engine
power transmission mechanism	12	11	7	5	9	7	6	7	4	5	4	6	9	10	5	3	5	8	2	2	5	5	3	140	power transmission mechanism
woodworking machine	32	41	24	28	28	38	32	28	29	29	20	26	28	33	21	26	26	17	18	20	26	25	33	628	woodworking machine
construction machine	24	13	17	16	18	10	11	16	13	10	17	14	16	16	10	24	23	15	13	11	9	13	24	353	construction machine
metal manufacturing machine	36	27	31	38	37	34	31	21	25	29	19	25	14	18	18	20	15	23	19	22	18	20	14	554	metal manufacturing machine
general machine	260	287	266	295	298	302	315	313	321	351	329	363	363	357	378	343	367	356	344	390	395	367	373	7,733	general machine

mobile silviculture machine																			1					2	3	mobile silviculture machine
crane	37	40	41	27	49	29	37	34	38	46	32	38	29	34	30	42	29	26	31	35	34	23	35	796	crane	
conveying machine	293	376	349	369	337	318	352	358	340	333	261	287	318	297	257	311	311	309	286	299	306	307	334	7,308	conveying machine	
vehicle	317	393	381	401	375	435	397	383	380	375	355	387	378	460	416	427	471	395	405	474	463	470	589	9,527	vehicle	
pressure vessel	4	5	6	4	10	4	3	4	5	5	9	4	3	4	6	4	2	4	4	1	4	5	3	103	pressure vessel	
chemical facilities							1		1												1		1	4	chemical facilities	
welding equipment	3	1	3	5	2	2	1		1	4	2	1	1		2		5	3		2	3	3	2	46	welding equipment	
kiln, caldron	6	3	3	8	4	7	11	16	9	20	15	14	17	12	20	16	15	13	16	24	21	22	17	309	kiln, caldron	
electric equipment	3	9	4	11	10	4	10	5	14	10	11	6	11	8	17	22	22	11	22	25	22	25	22	304	electric equipment	
human power machine, tools	367	394	421	456	467	579	600	683	648	714	771	740	817	894	917	913	965	1,035	1,107	1,168	1,220	1,413	1,484	18,773	human power machine, tools	
tools	305	360	361	402	446	506	522	532	537	620	588	602	663	722	784	852	806	891	1,000	1,070	1,189	1,151	1,202	16,111	tools	
other equipments, facilities	110	116	115	132	121	166	182	178	208	204	234	260	253	283	318	352	324	327	306	341	347	386	423	5,686	other equipments, facilities	
temporary buildings, establishments	1,020	1,196	1,233	1,304	1,453	1,525	1,566	1,676	1,691	1,859	1,851	2,109	2,251	2,254	2,283	2,425	2,661	2,761	2,979	3,066	3,225	3,409	3,662	49,459	temporary buildings, establishments	
hazards, harmful substances	43	36	39	55	42	52	54	48	44	50	52	54	60	67	58	34	44	69	45	55	61	58	62	1,182	hazards, harmful substances	

																											substances
materials	254	268	255	266	240	297	291	283	276	266	222	253	221	276	250	261	236	243	220	248	245	265	263	5,899	materials		
load	341	408	427	448	437	458	527	578	627	687	624	633	605	679	711	815	742	811	830	834	928	1,099	1,117	15,366	load		
natural environment	105	103	168	113	97	149	142	150	123	150	129	153	296	239	230	280	210	270	273	344	257	295	339	4,615	natural environment		
other causal agent	115	125	102	113	128	144	154	144	119	129	113	134	169	168	140	162	177	142	212	188	193	250	530	3,851	other causal agent		
no causal agent	179	193	225	256	273	251	287	285	290	354	378	399	396	478	441	455	472	438	571	652	693	827	913	9,706	no causal agent		
unclassifiable	25	18	20	28	18	19	23	27	34	22	22	19	17	16	23	24	24	9	22	13	13	14	11	461	unclassifiable		
total	3,892	4,426	4,499	4,781	4,900	5,339	5,556	5,770	5,779	6,272	6,058	6,530	6,937	7,327	7,335	7,812	7,953	8,179	8,726	9,284	9,680	10,454	11,459	158,948	total		

Causal agents (small) of fatal and non-fatal accidents in other retails in 1999-2021

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
engine			1		1		1	1	2			3	2	2		1	1	3			2	2	1	23	engine
power transmission mechanism			7		9		6	7	4	5	4	6	9	10	5	3	5	8	2	2	5	5	3	105	power transmission mechanism
circular sawing machine			16		12		18	18	14	19	11	13	14	19	5	11	14	13	9	13	14	14	23	270	circular sawing machine
band sawing machine			2		2		2	1	3	1	1		2	1	2	1	2	1	1			2		24	band sawing machine
wood planer machine			2		2		5	3	4	1	1	5	4	4	6		2	1	3	1	1	1	3	49	wood planer machine
hollow chisel mortiser, wood					1			1		1	1						1				1		1	8	hollow chisel mortiser, wood

borer																									borer		
chamfering machine, router, woodworking milling machine										1					1	1	2							1	6	chamfering machine, router, woodworking milling machine	
chain saw			1		3				1	3	2	2	3	2	1	5	2	1	3	1	2	2	2	2	36	chain saw	
other woodworking machines			3		8			7	5	7	4	3	6	5	6	6	8	3	1	2	5	8	6	3	96	other woodworking machines	
leveling, transporting or loading machine			4		5			4	3	3	4	3	5	9	5	2	9	8	2	4	7	1	4	10	92	leveling, transporting or loading machine	
excavating machine			7		9			3	8	6	4	10	3	6	7	5	9	11	6	5	2	3	6	11	121	excavating machine	
foundation work machine			1						1																2	foundation work machine	
hardening machine					1				1				1	1										1	1	8	hardening machine
demolition machine			1										1				1	1	3			1			8	demolition machine	
vehicle for high lift work			1		1			1			2				2		1	2	1	1	1			1	15	vehicle for high lift work	
other construction machines			3		2			3	4	2	2	2	4		4	1	4	1	2	3	1	3	2	1	44	other construction machines	
lathe			4				4		1	1		2		1		1	1		1	1	1	1	1	1	20	lathe	
drill press, milling machine			2		5		5	1		5	2		1	1	1		2	1		1	1				28	drill press, milling machine	
grinding machine, buffing machine			9		10		10	3	7	8	4	9	5	6	2	9	6	5	6	5	7	8	3	122	grinding machine, buffing machine		
power press			4		3		2	2	2		4	3	3	1	3	1		3	1	2	3	6	3	46	power press		

forging pressure hammer																		1					1	forging pressure hammer
shearing machine			1	4	1	2	2	2		1	1	2	1	3	2	3	1	3		1	2		32	shearing machine
other metal manufacturing machines			11	15	9	13	13	13	9	10	4	7	11	6	4	11	9	10	6	4	5		170	other metal manufacturing machines
centrifugal machine				1							2												3	centrifugal machine
mixer, grinder			3	4	9	4	5	7	4	5	7	8	9	5	5	2	7	9	9	9	7		118	mixer, grinder
roll machine (except printingroll machine)			7	4	7	11	8	10	6	10	4	11	9	8	11	5	12	16	8	6	11		164	roll machine (except printingroll machine)
injection molding machine						1		1										1	1	2			6	injection molding machine
food manufacturing machine			156	187	191	180	207	231	212	260	259	231	251	231	246	252	244	257	257	248	235		4,335	food manufacturing machine
printing machine			3	2	3	2	3			1		1			1	2	1		1	1			21	printing machine
industrial robot				1											1					1			3	industrial robot
other general power machines			97	99	105	115	98	102	107	87	91	106	109	99	103	95	80	107	119	100	120		1,939	other general power machines
felling machine																	1				1		2	felling machine
mobile logging machine																								mobile logging machine
skyline yarding machine																					1		1	skyline yarding machine
other mobile silviculture machine																								other mobile silviculture machine

crane			9		16		12	11	12	11	9	7	7	4	6	14	4	3	7	10	8	6	6	162	crane
mobile crane			20		13		9	6	7	13	11	13	5	4	11	13	11	13	4	5	5	5	4	172	mobile crane
derrick crane																									derrick crane
elevator, lift			10		19		14	14	18	16	12	15	13	15	8	13	12	10	17	15	18	11	20	270	elevator, lift
cargo lifting appliance																									cargo lifting appliance
gondola										1										1				2	gondola
lumberyard equipment, logging cableway			2										2			1								5	lumberyard equipment, logging cableway
simple skyline yarding equipment																									simple skyline yarding equipment
other powered crane					1		2	3	1	5		3	4	9	5	2	1		3	4	3	1	5	52	other powered crane
truck			258		242		246	259	249	227	206	216	240	215	193	221	224	223	211	216	238	243	222	4,349	truck
forklift			64		58		72	64	59	76	33	51	52	47	42	58	52	53	40	53	44	43	79	1,040	forklift
railway equipment						1				1										1		1		4	railway equipment
conveyor			15		19		24	21	18	15	11	7	13	21	15	19	13	17	15	17	12	11	17	300	conveyor
loader			3		2			4		2	2		2	1	1		1	3	1	1	1	1		25	loader
straddle carrier																			1	1			1	3	straddle carrier
rough terrain hauler							1		1		1		1				1		1	1			1	8	rough terrain hauler
other powered conveying machines			9		16		8	10	13	12	8	13	10	13	6	13	20	13	17	9	11	8	14	223	other powered conveying machines
cars, bus, motorcycle			347		354		370	369	366	355	335	374	357	434	401	412	451	380	391	460	452	454	576	7,638	cars, bus, motorcycle
railway vehicle			6		3		1	2	1	1	1	2	5	1		2	3	1	1	2	1	2	2	37	railway vehicle

other vehicles			28		18		26	12	13	19	19	11	16	25	15	13	17	14	13	12	10	14	11	306	other vehicles
boiler					1			1	1	3	1				1				1					9	boiler
pressure vessel			2		1				1	1	2	1						1	1	1	3	1	1	16	pressure vessel
other pressure vessels			4		8		3	3	3	1	6	3	3	4	5	4	2	3	2		1	4	2	61	other pressure vessels
chemical facilities							1		1											1		1		4	chemical facilities
gas welding equipment			2		1		1		1	2	2	1	1		1		2	2		1	2	1		20	gas welding equipment
arc welding equipment			1													3	1			1	1	2	2	11	arc welding equipment
other welding equipment					1					2					1									4	other welding equipment
kiln, caldron			3		4		9	14	9	18	12	14	11	9	15	9	9	11	13	24	18	21	14	237	kiln, caldron
industrial dryer							1	1		1	1		2	1	2	2	1		2		1			15	industrial dryer
other kiln, caldron							1	1		1	2		4	2	3	5	5	2	1		2	1	3	33	other kiln, caldron
transmission			1		3		5	2	9	3	6	3	6	3	10	8	12	8	18	15	15	11	14	152	transmission
electric power facilities							1	2		2		1	2			3	2			2	1			16	electric power facilities
other electrical equipment			3		7		4	1	5	5	5	2	3	5	7	11	8	3	4	8	6	14	8	109	other electrical equipment
human power cranes			1		1		4	4	1	2			2	1		2	2		2	5	51	104	174	356	human power cranes
human power hauling equipment			144		151		224	279	254	323	358	346	374	424	443	431	500	550	588	695	679	718	717	8,198	human power hauling equipment
human power machine			5		3		4	5	5	7	2	5	5	9	6	7	6	6	5	10	8	10	8	116	human power machine

hand tool			271		312		368	395	388	382	411	389	436	460	468	473	457	479	512	458	482	581	585	8,307	hand tool
ladder			203		227		285	264	293	322	323	333	356	393	416	449	419	458	469	532	605	578	585	7,510	ladder
slinging tool			6		4		6	6	4	6	1	5	3	3	11	3	5	4	5	5	6	1	4	88	slinging tool
other tools			152		215		231	262	240	292	264	264	304	326	357	400	382	429	526	533	578	572	613	6,940	other tools
other equipment, facilities			115		121		182	178	208	204	234	260	253	283	318	352	324	327	306	341	347	386	423	5,162	other equipment, facilities
scaffolding			7		17		9	9	9	6	5	2	6	6	6	2	7	6	8	7	9	1	5	127	scaffolding
timbering												1			1								1	3	timbering
stairs, landing stage			275		329		325	354	354	352	346	360	416	345	387	415	420	450	446	427	499	497	552	7,549	stairs, landing stage
opening			13		13		5	12	12	8	19	17	13	16	19	23	22	16	23	18	35	16	24	324	opening
roof, beam, haze, crossbeam, principal rafter			28		24		20	26	14	15	22	21	26	20	16	22	21	17	12	15	13	12	16	360	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			153		205		185	222	212	248	226	276	249	279	257	299	351	307	351	382	390	362	329	5,283	working platform, boot board
passage			503		561		727	718	764	857	859	986	1,119	1,174	1,195	1,219	1,317	1,478	1,602	1,703	1,741	1,881	2,148	22,552	passage
building, establishment			139		169		167	201	208	209	212	255	259	252	246	221	281	250	302	302	254	332	313	4,572	building, establishment
other temporary buildings, establishments			115		135		128	134	118	164	162	191	163	162	156	224	242	237	235	212	284	308	274	3,644	other temporary buildings, establishments
explosive substance					2		1		1		2			1			1		1	1	1			11	explosive substance
inflammable substance			15		3		6	9	5	10	12	12	7	19	6	4	4	2	2	9	7	5	9	146	inflammable substance
inflammable gas			3		7		5	3	4	5	3	4	12	3	4	2	1	11	2	4	5	2	5	85	inflammable gas
harmful substance			2		5		5	7	6	8	7	9	9	4	8	4	7	13	2	6	9	7	2	120	harmful substance

radiation																									radiation
other hazards, harmful substances			19		25		38	28	29	26	30	27	32	41	39	24	32	42	39	35	39	43	46	634	other hazards, harmful substances
metal material			100		77		105	89	79	83	48	77	62	85	67	85	57	66	74	71	79	91	78	1,473	metal material
lumber, bamboo			44		43		53	43	33	41	28	35	33	45	35	38	40	42	32	49	41	46	41	762	lumber, bamboo
stone, sand, substance			24		19		13	23	21	20	9	18	16	9	14	15	15	14	18	10	12	15	12	297	stone, sand, substance
other materials			87		101		120	128	143	122	137	123	110	137	134	123	124	121	96	118	113	113	132	2,282	other materials
load			384		411		497	542	598	641	591	605	579	643	682	787	712	790	807	814	906	1,069	1,095	13,153	load
machine/equipment as load			43		26		30	36	29	46	33	28	26	36	29	28	30	21	23	20	22	30	22	558	machine/equipment as load
natural ground, rock			15		9		11	16	6	12	6	7	10	10	5	8	10	10	9	7	13	11	7	182	natural ground, rock
standing tree			3		4			3	4	1	2	3	7	1	3	6	6	5	3	3	5	3	3	65	standing tree
water			7		4		14	14	15	9	10	11	94	10	10	19	10	11	14	21	17	15	12	317	water
abnormal environment							2	1		1		1	1	5		2		2	1	1	1			18	abnormal environment
high/cold temperature environment			28		6		9	17	16	24	18	28	40	40	49	39	27	38	33	76	65	62	53	668	high/cold temperature environment
other environments			115		74		106	99	82	103	93	103	144	173	163	206	157	204	213	236	156	204	264	2,895	other environments
other causal agent			102		128		154	144	119	129	113	134	169	168	140	162	177	142	212	188	193	250	530	3,354	other causal agent
no causal agent			225		273		287	285	290	354	378	399	396	478	441	455	472	438	571	652	693	827	913	8,827	no causal agent
unclassifiable			20		18		23	27	34	22	22	19	17	16	23	24	24	9	22	13	13	14	11	371	unclassifiable
total			4,499		4,900		5,556	5,770	5,779	6,272	6,058	6,530	6,937	7,327	7,335	7,812	7,953	8,179	8,726	9,284	9,680	10,454	11,459	140,510	total

Workers age of fatal and non-fatal accidents in other retails in 1999-2021

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
19 years old or less	158	189	205	224	225	223	256	235	214	237	209	210	212	243	260	277	281	250	282	317	309	346	352	5,714	19 years old or less
20-29	1,025	1,067	1,138	1,103	1,077	1,150	1,066	1,074	1,050	1,065	1,020	1,018	1,101	1,131	1,112	1,135	1,119	1,104	1,102	1,160	1,112	1,186	1,462	25,577	20-29
30-39	671	782	796	863	947	1,029	987	1,112	1,150	1,131	1,078	1,162	1,152	1,216	1,131	1,104	1,126	1,046	1,050	1,170	1,130	1,161	1,262	24,256	30-39
40-49	766	857	796	855	854	990	1,016	1,003	997	1,169	1,091	1,263	1,287	1,392	1,489	1,554	1,598	1,591	1,725	1,746	1,821	1,864	1,990	29,714	40-49
50-59	904	1,088	1,144	1,266	1,315	1,372	1,583	1,708	1,646	1,733	1,658	1,698	1,862	1,893	1,799	1,998	2,043	2,173	2,316	2,398	2,496	2,738	2,968	41,799	50-59
60 years old or more	368	443	420	470	482	575	648	638	722	937	1,002	1,179	1,323	1,452	1,544	1,744	1,786	2,015	2,251	2,493	2,812	3,159	3,425	31,888	60 years old or more
total	3,892	4,426	4,499	4,781	4,900	5,339	5,556	5,770	5,779	6,272	6,058	6,530	6,937	7,327	7,335	7,812	7,953	8,179	8,726	9,284	9,680	10,454	11,459	158,948	total

Workers' number of workplace of fatal and non-fatal accidents in other retails in 1999-2021

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
9 workers or less	1,381	1,573	1,579	1,590	1,570	1,629	1,670	1,595	1,515	1,620	1,484	1,595	1,654	1,702	1,584	1,654	1,583	1,636	1,718	1,833	1,807	1,850	1,979	37,801	9 workers or less
10-29	1,291	1,427	1,470	1,551	1,577	1,682	1,700	1,709	1,770	1,785	1,696	1,882	1,973	2,103	2,129	2,199	2,243	2,305	2,435	2,604	2,744	2,852	3,299	46,426	10-29
30-49	453	571	533	621	625	741	740	826	795	881	832	902	905	1,065	1,031	1,158	1,071	1,103	1,135	1,232	1,291	1,386	1,531	21,428	30-49
50-99	378	420	472	547	568	655	812	872	907	1,044	1,072	1,146	1,291	1,266	1,422	1,509	1,542	1,567	1,706	1,798	1,848	2,117	2,218	27,177	50-99
100-299	273	304	322	346	426	479	483	584	631	772	797	866	938	989	975	1,073	1,270	1,359	1,492	1,521	1,680	1,901	2,122	21,603	100-299
300 workers or more	116	131	123	126	134	153	151	184	161	170	177	139	176	202	194	219	244	209	240	296	310	348	310	4,513	300 workers or more
total	3,892	4,426	4,499	4,781	4,900	5,339	5,556	5,770	5,779	6,272	6,058	6,530	6,937	7,327	7,335	7,812	7,953	8,179	8,726	9,284	9,680	10,454	11,459	158,948	total

Month of fatal and non-fatal accidents in other retails in 1999-2021

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
January	320	325	434	368	422	487	468	499	454	568	504	543	614	606	662	603	691	754	793	892	789	800	1,087	13,683	January
February	312	375	375	373	397	399	486	475	416	562	478	532	537	624	556	719	564	672	719	713	761	748	926	12,719	February
March	300	407	385	378	399	439	479	481	493	524	517	583	652	598	553	680	694	680	713	751	844	804	964	13,318	March
April	329	374	376	401	392	449	465	436	465	534	517	545	497	597	594	634	658	640	722	731	736	829	867	12,788	April
May	333	375	371	456	404	455	492	477	534	543	466	553	600	629	639	656	657	732	706	757	811	890	914	13,450	May
June	329	368	380	385	398	455	472	529	513	554	523	605	603	624	626	643	677	695	720	776	859	990	990	13,714	June
July	352	410	363	441	444	485	447	539	491	554	561	525	565	650	653	656	700	695	765	823	856	982	1,074	14,031	July
August	306	332	408	426	410	448	417	497	544	490	554	607	607	635	628	623	667	669	696	750	844	856	1,093	13,507	August
September	333	357	357	375	372	486	437	442	448	495	468	499	582	602	583	615	659	664	716	797	782	922	885	12,876	September
October	341	396	378	427	419	443	475	488	501	526	520	546	577	634	646	711	615	669	724	810	773	901	896	13,416	October
November	305	340	332	364	420	399	431	467	460	451	485	496	542	548	582	596	661	650	690	739	811	841	868	12,478	November
December	332	367	340	387	423	394	487	440	460	471	465	496	561	580	613	676	710	659	762	745	814	891	895	12,968	December
total	3,892	4,426	4,499	4,781	4,900	5,339	5,556	5,770	5,779	6,272	6,058	6,530	6,937	7,327	7,335	7,812	7,953	8,179	8,726	9,284	9,680	10,454	11,459	158,948	total

Prefecture of fatal and non-fatal accidents in other retails in 1999-2021

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
Hokkaido	192	226	231		251		332	318	363	396	322	381	373	407	435	485	480	483	472	489	491	583	632	8,342	Hokkaido
Aomori	69	61	82		71		91	96	87	90	85	87	77	93	92	89	80	99	117	101	101	116	135	1,919	Aomori
Iwate	45	41	50		46		70	65	46	71	76	75	127	83	98	83	90	92	107	88	97	105	105	1,660	Iwate
Miyagi	78	68	59		114		117	165	80	158	143	165	206	181	116	127	129	181	186	174	201	204	244	3,096	Miyagi
Akita	35	52	46		32		56	37	60	46	60	89	88	88	83	89	87	83	82	107	108	129	123	1,580	Akita

Yamagata	20	42	27		20		33	34	33	34	25	22	21	30	39	43	42	50	48	59	66	67	49	804	Yamagata
Fukushima	98	62	93		69		70	90	92	73	78	74	64	95	88	103	103	81	120	119	125	142	172	2,011	Fukushima
Ibaraki	63	81	83		118		132	160	176	136	132	127	151	156	151	156	171	195	184	190	199	223	226	3,210	Ibaraki
Tochigi	56	58	54		78		76	83	75	94	85	110	84	83	88	99	108	116	112	145	148	158	139	2,049	Tochigi
Gunma	66	51	59		66		69	59	69	80	88	90	123	128	150	149	149	173	148	167	183	195	193	2,455	Gunma
Saitama	162	198	231		207		188	256	269	327	297	311	290	324	354	439	527	496	477	562	540	614	607	7,676	Saitama
Chiba	116	159	136		243		147	251	217	238	275	253	293	314	313	352	361	341	340	404	498	482	522	6,255	Chiba
Tokyo	361	409	426		430		491	561	551	640	637	687	753	753	785	825	820	890	917	1,020	1,142	1,098	1,244	15,440	Tokyo
Kanagawa	251	248	257		297		309	293	299	372	368	379	398	469	455	516	488	461	507	575	534	637	711	8,824	Kanagawa
Niigata	99	146	123		120		122	136	131	138	113	130	138	173	166	120	147	122	155	179	176	180	262	3,076	Niigata
Toyama	57	25	45		34		53	56	51	57	58	64	64	72	65	76	82	82	111	87	85	80	110	1,414	Toyama
Ishikawa	34	48	61		42		49	45	57	44	48	53	64	62	57	48	58	58	76	74	79	74	93	1,224	Ishikawa
Fukui	41	26	29		25		35	27	39	32	39	50	51	54	54	42	40	37	52	78	58	75	82	966	Fukui
Yamanashi	10	12	22		21		27	24	40	43	31	36	33	41	38	40	44	43	43	59	60	55	69	791	Yamanashi
Nagano	64	70	75		59		65	73	81	69	89	97	105	113	121	126	147	140	184	177	181	211	185	2,432	Nagano
Gifu	36	41	36		39		54	46	40	40	62	92	59	71	76	76	71	87	94	98	121	128	148	1,515	Gifu
Shizuoka	179	204	180		158		149	167	160	186	194	184	187	224	237	257	248	231	256	277	289	319	369	4,655	Shizuoka
Aichi	238	244	289		285		331	341	305	339	334	376	372	383	353	417	398	417	461	521	491	525	603	8,023	Aichi
Mie	47	49	65		39		53	50	63	83	86	97	81	97	112	99	97	125	166	135	143	164	149	2,000	Mie
Shiga	48	55	28		47		42	45	49	73	46	60	64	81	62	33	50	71	89	69	64	99	81	1,256	Shiga
Kyoto	87	144	116		135		131	125	146	122	149	155	171	171	149	161	154	146	162	171	182	198	226	3,201	Kyoto
Osaka	179	273	295		324		426	409	387	397	322	363	438	461	500	555	505	481	491	557	612	625	730	9,330	Osaka
Hyogo	163	145	152		195		215	223	273	254	243	272	273	310	286	304	321	373	356	355	367	404	446	5,930	Hyogo
Nara	22	30	25		34		60	58	61	77	80	76	88	76	94	90	94	98	117	114	120	135	142	1,691	Nara
Wakayama	16	18	27		34		65	43	50	61	53	49	56	26	42	50	36	45	52	60	78	55	75	991	Wakayama

Tottori	23	32	29		33		44	34	37	38	25	26	40	30	33	39	31	21	36	46	39	40	47	723	Tottori
Shimane	40	37	26		37		28	33	21	36	38	29	37	46	43	35	48	42	51	49	43	41	60	820	Shimane
Okayama	42	52	73		55		90	80	101	100	99	102	110	131	121	120	130	132	143	145	133	175	165	2,299	Okayama
Hiroshima	132	138	120		160		161	180	157	179	180	165	171	169	176	172	212	192	234	231	231	250	293	3,903	Hiroshima
Yamaguchi	55	57	62		73		89	87	84	91	91	90	103	102	92	94	94	94	120	114	102	130	129	1,953	Yamaguchi
Tokushima	13	13	11		16		23	14	13	22	22	21	26	35	32	32	34	35	45	41	38	55	53	594	Tokushima
Kagawa	37	61	40		35		54	47	41	39	34	73	51	68	62	53	52	66	80	75	87	86	105	1,246	Kagawa
Ehime	53	58	76		61		89	60	68	85	60	80	98	92	105	106	104	90	90	113	94	112	154	1,848	Ehime
Kochi	37	44	49		47		28	32	17	24	20	21	47	54	20	38	34	33	40	31	43	62	53	774	Kochi
Fukuoka	211	249	248		295		398	368	391	362	343	378	401	436	395	474	459	485	503	502	529	577	640	8,644	Fukuoka
Saga	33	31	23		29		34	47	27	26	34	36	21	32	42	54	56	54	53	95	69	80	87	963	Saga
Nagasaki	19	43	30		79		81	72	81	73	97	99	82	93	98	106	106	114	137	102	124	146	142	1,924	Nagasaki
Kumamoto	75	104	78		87		91	101	114	114	119	113	132	117	128	121	122	132	129	138	129	157	175	2,476	Kumamoto
Oita	62	46	56		49		87	55	68	52	62	77	72	81	96	93	103	110	97	100	131	120	132	1,749	Oita
Miyazaki	47	72	58		71		69	89	87	80	80	71	89	64	78	70	85	92	91	99	114	135	112	1,753	Miyazaki
Kagoshima	43	72	49		93		86	69	79	125	73	82	92	89	103	97	84	109	126	108	139	123	128	1,969	Kagoshima
Okinawa	38	31	69		47		46	66	43	56	63	63	73	69	52	59	72	81	69	84	96	85	112	1,374	Okinawa
total	3,892	4,426	4,499		4,900		5,556	5,770	5,779	6,272	6,058	6,530	6,937	7,327	7,335	7,812	7,953	8,179	8,726	9,284	9,680	10,454	11,459	148,828	total

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2021e_industry.html

Fatal accidents in other retails in Japan in 1999-2021

other retails industry Code No.080209

Type of fatal accidents in other retails in 1999-2021

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
fall from height	3	7	4	6	3	5	4	8	5	2	7	5	7	2	4	5	5	2	5	4	3	4	4	104	fall from height
falling to same level	1	1	1	1	1		1	1			3	1	1	1				1		1	1		1	17	falling to same level
crash																						1		1	crash
struck by flying or falling object			1	1				1		2						3	1							9	struck by flying or falling object
collapse			1	1			2	2	1		2	1	1		3	1		1	1		1			18	collapse
crashed by	1		1		1			1		2		1		2		1	1	1	1	1		2		16	crashed by
caught in/between	3	3	2		2	2	2	1	5			2	3	2		3	1	2	2	1	2	2	1	41	caught in/between
cut										1														1	cut
injury to the sole of the foot																									injury to the sole of the foot
drown							1						39		1			1	3	1		1		47	drown
contact to high/low-temperature							1						1		3	1			1	1		1	2	11	contact to high/low-temperature
contact to harmful substance			1								1												1	3	contact to harmful substance
electric shock												1					1							2	electric shock
explosion					1								1					1						3	explosion

burst	1										1													3	burst	
fire		6					1				1					2			1						11	fire
traffic accident (public road)	20	28	25	23	23	15	18	16	13	12	8	8	8	12	10	5	10	5	7	9	5	7	3	290	traffic accident (public road)	
traffic accident (others)	1	1			2		1	1																6	traffic accident (others)	
reaction to motion/improper motion																										reaction to motion/improper motion
others		1		2		3	2		1	2		2	47	6	2	1	3	2	9	1		3	5	92	others	
unclassifiable									1	1	1													3	unclassifiable	
total	30	47	36	34	33	25	33	31	26	22	23	22	108	25	23	23	22	16	30	19	12	21	17	678	total	

Causal agents (large) of fatal accidents in other retails in 1999-2021

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
machine	1				1				1			1	1	1			1		1	1	2	2		13	machine
crane, conveying machine	25	36	29	24	29	19	24	21	18	14	10	9	11	14	11	10	12	9	11	11	7	10	5	369	crane, conveying machine
other equipment		1	1	2			3	2		4	3	5	2	1	3	4	5	2	4	1		1		44	other equipment
temporary buildings, establishments	3	3	4	4	2	3	2	3	4	1	4	4	5	2	1	2	1	1	1	3	2	4	4	63	temporary buildings, establishments
substance, material	1	6	2	1	1						2		1		1	2		1					1	19	substance, material
load				1				2	1		1	1			1	2		1	1					11	load
environment							2	3			1		86		4				3	2	1	1	2	105	environment
others		1		2		3	2		2	3	2	2	2	7	2	3	3	2	9	1		3	5	54	others

total	30	47	36	34	33	25	33	31	26	22	23	22	108	25	23	23	22	16	30	19	12	21	17	678	total
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Causal agents (middle) of fatal accidents in other retails in 1999-2021

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	
engine																									engine	
power transmission mechanism																										power transmission mechanism
woodworking machine																										woodworking machine
construction machine					1				1				1	1						1		2		7	construction machine	
metal manufacturing machine																										metal manufacturing machine
general machine	1										1					1		1		2				6	general machine	
mobile silviculture machine																										mobile silviculture machine
crane	2	3	1		2	2	2	2	1	2	1	1	1			2		2	1	2	1		1	29	crane	
conveying machine	8	14	6	7	8	7	12	7	11	8	3	3	3	6	6	3	4	1	3	2	2	2	1	127	conveying machine	
vehicle	15	19	22	17	19	10	10	12	6	4	6	5	7	8	5	5	8	6	7	7	4	8	3	213	vehicle	
pressure vessel																										pressure vessel
chemical facilities																										chemical facilities
welding equipment																										welding equipment
kiln, caldron				1																				1	kiln, caldron	
electric equipment																	1							1	electric equipment	
human power machine, tools								1		2					1									4	human power machine, tools	

																								machine
other mobile silviculture machine																								other mobile silviculture machine
crane						1													1				2	crane
mobile crane	1	2	1		1			1		2	1	1							1				11	mobile crane
derrick crane																								derrick crane
elevator, lift		1			1	1	2		1			1			2		2	1	1			1	14	elevator, lift
cargo lifting appliance																								cargo lifting appliance
gondola																								gondola
lumberyard equipment, logging cableway																								lumberyard equipment, logging cableway
simple skyline yarding equipment																								simple skyline yarding equipment
other powered crane	1							1															2	other powered crane
truck	6	13	3	6	6	6	11	7	9	8	3	3	2	5	6	2	4		2	2	1	2	107	truck
forklift	1	1	3	1	1	1	1		2			1	1		1		1			1		1	17	forklift
railway equipment																								railway equipment
conveyor																								conveyor
loader	1				1																		2	loader
straddle carrier																								straddle carrier
rough terrain hauler																								rough terrain hauler
other powered conveying machines																							1	other powered conveying machines

inflammable substance	6								1						1					8	inflammable substance	
inflammable gas											1									1	inflammable gas	
harmful substance																					harmful substance	
radiation																					radiation	
other hazards, harmful substances			1																	1	2	other hazards, harmful substances
metal material	1												1								2	metal material
lumber, bamboo																						lumber, bamboo
stone, sand, substance			1																		1	stone, sand, substance
other materials				1					1				2								4	other materials
load			1				1	1	1	1			1	2		1	1				10	load
machine/equipment as load							1														1	machine/equipment as load
natural ground, rock							2			1	1								1		5	natural ground, rock
standing tree																						standing tree
water												84	1				3				88	water
abnormal environment																						abnormal environment
high/cold temperature environment							1					1	3				1	1	2	9	high/cold temperature environment	
other environments						1	1										1				3	other environments
other causal agent			1		2	1							3					1	5	13	other causal agent	

no causal agent		1		1		1			1	2	2	2	2	6	2		3	2	9	1		2		37	no causal agent
unclassifiable							1		1	1				1										4	unclassifiable
total	30	47	36	34	33	25	33	31	26	22	23	22	108	25	23	23	22	16	30	19	12	21	17	678	total

Workers age of fatal accidents in other retails in 1999-2021

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
19 years old or less	1	1			2	1		5		2			5	1			1		1	2				22	19 years old or less
20-29	7	13	11	10	11	4	5	4	4	5	5	4	10	2	2	2	1	2	3	3	3	3	1	115	20-29
30-39	5	12	8	10	4	6	5	4	2	3	3	4	24	4	3	7	6	3	3	1	1	1	2	121	30-39
40-49	4	11	6	5	9	2	5	3	5	2	2	6	19	6	5		4	4	7	4	1	3	5	118	40-49
50-59	7	7	7	5	3	6	14	6	10	4	2	3	30	5	8	5	5	3	9	6	5	7	4	161	50-59
60 years old or more	6	3	4	4	4	6	4	9	5	6	11	5	20	7	5	9	5	4	7	3	2	7	5	141	60 years old or more
total	30	47	36	34	33	25	33	31	26	22	23	22	108	25	23	23	22	16	30	19	12	21	17	678	total

Workers' number of workplace of fatal accidents in other retails in 1999-2021

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
9 workers or less	15	21	26	14	10	10	19	15	12	13	10	10	62	9	9	12	4	7	16	6	4	15	6	325	9 workers or less
10-29	13	15	7	14	13	11	11	10	9	7	6	5	40	11	5	7	10	5	6	9	5		6	225	10-29
30-49	1	4	1	3	7	3	3	6	3	1	4	3	1	2	4	3	2	2	5	3	2	3	4	70	30-49
50-99		5	1	2	2				1		2	2	4	3	2	1	4	2	1		1	1		34	50-99
100-299	1	2	1	1		1			1	1		1	1		3		2		2			2	1	20	100-299
300 workers or more					1						1	1								1				4	300 workers or more
total	30	47	36	34	33	25	33	31	26	22	23	22	108	25	23	23	22	16	30	19	12	21	17	678	total

Wakayama		1	1				1				1												5	Wakayama	
Tottori				1	1																		2	Tottori	
Shimane						1											1						2	Shimane	
Okayama		1	2	1	1			1	1	1			2	2	1			1					14	Okayama	
Hiroshima	1			1	1	2			1	1		1	1		1		1						12	Hiroshima	
Yamaguchi	1	2		1				1			2	1	2		1								11	Yamaguchi	
Tokushima	1							2												1			4	Tokushima	
Kagawa			1				1								1			1				1	5	Kagawa	
Ehime		1			1		1						1		1		1					2	8	Ehime	
Kochi		1	1							1		1											4	Kochi	
Fukuoka			3	3	2		2			1	1	1	2		2	2	1		2			1	23	Fukuoka	
Saga		1			1	1									1							1	5	Saga	
Nagasaki			1																			1	2	Nagasaki	
Kumamoto		1	1			1	1	1	1		1		1	1									9	Kumamoto	
Oita	2						1	1					1			1					1		7	Oita	
Miyazaki		1		1				1	1							1		2					7	Miyazaki	
Kagoshima		2	1	1	1								2				2						9	Kagoshima	
Okinawa													2										2	Okinawa	
total	30	47	36	34	33	25	33	31	26	22	23	22	108	25	23	23	22	16	30	19	12	21	17	678	total

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

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