

Industrial accidents in fuel retail in Japan in 1999-2020

fuel retail industry Code No.080204

Type of accidents in fuel retail in 1999-2020

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	
fall from height	125	111	124	148	150	142	146	105	124	128	102	97	118	99	109	113	110	101	130	130	136	114	
falling to same level	176	151	170	173	167	168	155	145	145	135	135	112	155	158	140	133	121	129	145	167	139	132	
crash	43	41	41	34	44	33	33	34	28	32	22	21	23	22	30	21	29	35	21	29	31	30	
struck by flying or falling object	54	31	48	17	37	25	25	23	17	26	21	23	19	11	21	16	16	16	12	12	20	11	
collapse	8	10	18	10	9	9	12	14	12	5	8	6	6	4	6	3	4	10	2	7	6	7	
crashed by	31	31	25	20	26	32	27	28	28	26	17	18	23	19	16	12	10	19	13	15	18	11	
caught in/between	101	77	115	75	67	73	69	53	72	45	51	44	47	50	42	42	50	39	31	44	41	39	
cut	21	17	19	11	16	14	13	18	8	10	7	4	10	7	4	7	6	12	6	2	12	8	
injury to the sole of the foot	3	2	1	2	1	3	0	1	0	0	1	1	1	0	1	0	1	0	1	2	0	0	
drown	0	0	0	-	0	-	0	0	0	0	1	0	18	0	0	0	0	0	0	0	0	0	1
contact to high/low-temperature	24	16	21	25	15	13	14	9	10	9	10	5	3	14	4	8	7	4	7	13	8	10	
contact to harmful substance	3	6	4	2	0	4	3	2	2	1	0	1	4	2	0	1	0	1	1	3	0	2	
electric shock	0	0	0	-	0	-	0	0	0	0	0	1	1	0	1	0	1	1	0	0	0	0	
explosion	1	2	1	2	0	-	3	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	
burst	6	8	6	7	3	9	5	4	7	8	3	3	2	5	5	2	1	5	2	0	2	5	
fire	1	2	0	2	1	3	1	2	4	2	0	2	2	0	2	1	0	1	1	2	0	0	
traffic accident (public road)	66	57	57	62	61	57	49	42	49	35	36	41	35	43	29	39	37	26	31	31	30	18	
traffic accident (others)	4	0	1	3	1	-	1	1	0	1	3	0	1	2	0	1	1	2	1	1	1	3	
reaction to motion/improper motion	88	78	70	88	67	49	66	58	71	65	43	61	75	73	62	77	46	59	68	81	60	71	
others	3	7	12	3	7	4	5	7	5	9	3	2	12	2	3	1	6	2	3	3	3	5	

unclassifiable	2	3	3	4	1	3	1	2	2	4	3	1	2	1	1	0	0	0	1	2	2	2
total	760	650	736	688	673	641	628	548	584	542	466	443	557	513	476	478	446	462	476	544	509	469

Causal agents (middle) of industrial accidents in fuel retail in 1999-2020

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
engine	1	0	2	-	0	-	0	0	1	0	0	0	0	1	0	0	0	1	1	0	0	0
power transmission mechanism	5	5	4	3	4	2	1	3	2	2	1	2	2	1	4	2	1	3	1	1	1	0
woodworking machine	1	4	3	1	1	5	1	0	3	1	1	0	1	2	1	3	0	0	1	1	1	0
construction machine	11	6	17	13	10	10	11	6	12	11	8	7	7	6	8	9	5	10	8	6	9	9
metal manufacturing machine	3	6	5	5	2	5	3	3	2	2	4	2	2	0	3	2	3	3	4	2	3	0
general machine	14	16	19	8	9	6	12	10	16	6	9	9	6	9	7	5	7	8	6	5	3	6
mobile silviculture machine																	0	0	0	0	0	0
crane	5	6	10	7	4	10	9	5	7	7	7	1	2	4	4	2	6	3	3	5	5	3
conveying machine	113	75	87	80	83	67	72	69	72	54	52	46	51	61	43	52	56	56	58	53	64	58
vehicle	132	99	100	108	101	110	97	63	72	67	72	70	64	62	56	55	57	46	41	50	47	34
pressure vessel	12	11	15	7	7	4	6	6	10	4	3	5	4	7	6	6	6	8	6	3	4	2
chemical facilities	0	0	1	-	0	3	2	1	0	0	0	0	0	0	1	2	1	0	1	0	0	0
welding equipment	1	0	0	1	0	-	0	2	0	2	0	0	0	0	1	0	0	1	0	0	0	0
kiln, caldron	2	0	0	-	1	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	2	2	0	-	1	1	0	0	1	1	1	1	0	0	0	2	0	0	0	2	2	0
human power machine, tools	20	20	32	18	23	18	21	14	9	11	6	4	12	6	10	16	12	6	6	6	12	11
tools	43	49	53	61	47	59	54	52	48	69	55	47	53	49	53	50	52	65	57	64	64	64
other equipments, facilities	28	30	17	21	20	25	14	21	35	26	15	15	17	21	22	22	17	14	19	22	24	13
temporary buildings,	196	174	194	206	211	195	181	172	167	154	157	141	188	169	156	129	147	145	156	196	183	157

establishments																							
hazards, harmful substances	15	14	16	11	11	10	11	8	8	3	1	3	7	5	1	5	1	2	6	8	1	7	
materials	16	15	25	17	21	21	20	15	11	14	8	14	10	10	7	10	6	9	7	6	5	9	
load	66	50	61	47	56	39	48	38	44	40	23	38	31	29	25	29	19	27	24	32	29	29	
natural environment	25	21	35	20	23	18	25	27	20	25	17	17	50	23	33	35	21	27	32	43	26	28	
other causal agent	11	14	12	10	14	10	13	7	8	12	5	1	10	10	11	10	4	6	7	10	4	7	
no causal agent	38	30	26	37	24	20	25	24	32	29	19	19	37	36	22	31	25	22	32	27	21	31	
unclassifiable	0	3	2	7	0	3	2	2	4	1	2	1	3	2	2	1	0	0	0	2	1	1	
total	760	650	736	688	673	641	628	548	584	542	466	443	557	513	476	478	446	462	476	544	509	469	

Causal agents (small) of industrial accidents in fuel retail in 1999-2020

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
engine			2		0		0	0	1	0	0	0	0	1	0	0	0	1	1	0	0	0
power transmission mechanism			4		4		1	3	2	2	1	2	2	1	4	2	1	3	1	1	1	0
circular sawing machine			1		1		1	0	2	1	1	0	1	2	1	0	0	0	0	0	1	0
band sawing machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
wood planer machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hollow chisel mortiser, wood borer			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chamfering machine, router, woodworking milling machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chain saw			2		0		0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
other woodworking machines			0		0		0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0
leveling, transporting or loading machine			6		4		2	3	5	5	1	3	2	2	2	2	1	5	3	1	3	2
excavating machine			8		3		6	3	6	4	4	3	5	4	5	6	4	4	3	5	6	7



machine																0	0	0	0	0	0
other mobile silviculture machine																0	0	0	0	0	0
crane			1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	
mobile crane			1	0	1	0	1	0	0	0	1	2	0	0	0	0	0	1	2	0	
derrick crane			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
elevator, lift			8	3	6	3	5	6	6	0	0	1	4	1	5	2	1	3	0	1	
cargo lifting appliance			0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
gondola			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
lumberyard equipment, logging cableway			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
simple skyline yarding equipment															0	0	0	0	0	0	
other powered crane			0	0	2	2	1	1	1	1	1	1	0	0	1	0	1	0	1	2	
truck			81	75	67	61	64	50	48	41	47	56	42	48	52	47	53	49	60	53	
forklift			3	5	1	4	5	1	2	5	1	1	1	2	2	4	0	1	1	1	
railway equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
conveyor			0	1	1	1	2	1	2	0	2	0	0	1	1	0	1	1	2	1	
loader			0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
straddle carrier			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
rough terrain hauler			0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	
other powered conveying machines			3	1	3	1	1	1	0	0	1	4	0	1	1	3	4	2	1	2	
cars, bus, motorcycle			98	95	93	61	68	66	69	67	63	60	53	51	55	45	39	47	44	33	
railway vehicle			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
other vehicles			2	6	4	2	4	1	3	3	1	2	3	4	2	1	2	3	3	1	
boiler			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
pressure vessel			2	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	0	
other pressure vessels			13	7	6	6	10	3	3	5	4	6	6	5	6	7	5	3	4	2	
chemical facilities			1	0	2	1	0	0	0	0	0	0	1	2	1	0	1	0	0	0	
gas welding			0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	

equipment																					
arc welding equipment			0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
other welding equipment			0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
kiln, caldron			0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
industrial dryer			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
other kiln, caldron			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
transmission			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
electric power facilities			0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	
other electrical equipment			0	1	0	0	1	1	1	0	0	0	0	2	0	0	0	2	1	0	
human power cranes			4	2	4	4	2	0	0	0	1	2	1	1	0	1	1	0	1	1	
human power hauling equipment			9	6	4	4	4	3	2	1	5	4	5	7	6	2	2	4	3	7	
human power machine			3	1	1	0	1	0	1	1	0	0	1	0	1	0	1	1	2	0	
hand tool			16	14	12	6	2	8	3	2	6	0	3	8	5	3	2	1	6	3	
ladder			37	39	42	36	38	50	36	37	41	31	40	39	38	46	42	54	51	51	
slinging tool			0	0	0	0	0	0	1	0	1	0	0	0	2	1	0	0	0	0	
other tools			16	8	12	16	10	19	18	10	11	18	13	11	12	18	15	10	13	13	
other equipment, facilities			17	20	14	21	35	26	15	15	17	21	22	22	17	14	19	22	24	13	
scaffolding			1	2	2	2	1	1	0	0	0	0	0	1	1	1	0	1	1	1	
timbering			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
stairs, landing stage			15	26	23	23	16	23	17	15	16	15	20	8	16	10	23	22	21	19	
opening			5	2	6	1	6	2	4	4	4	2	4	8	5	1	7	3	1	3	
roof, beam, haze, crossbeam, principal rafter			2	4	3	2	2	3	0	3	5	3	3	3	0	4	3	4	3	1	
working platform, boot board			42	39	30	29	27	28	24	20	28	21	25	16	13	16	21	20	25	16	
passage			69	66	68	69	62	47	60	57	79	87	71	49	63	69	69	84	86	65	
building, establishment			44	43	30	30	38	28	40	29	37	28	22	32	28	30	23	49	29	32	



19 years old or less	60	46	44	56	49	34	35	24	38	24	21	14	16	16	10	13	13	18	11	18	11	14
20-29	243	211	237	197	207	192	178	142	117	106	108	88	88	103	96	85	59	69	62	62	65	56
30-39	145	115	160	125	124	128	145	117	136	126	106	108	132	115	96	107	93	85	75	94	82	60
40-49	133	116	122	123	114	111	97	94	111	86	74	66	114	108	104	107	111	113	91	118	112	103
50-59	140	128	139	129	131	127	134	105	116	123	95	95	115	96	92	95	88	98	107	126	124	120
60 years old or more	39	34	34	58	48	49	39	66	66	77	62	72	92	75	78	71	82	79	130	126	115	116
total	760	650	736	688	673	641	628	548	584	542	466	443	557	513	476	478	446	462	476	544	509	469

Workers' number of workplace of industrial accidents in fuel retail in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	313	272	352	326	319	283	314	248	290	240	221	197	253	219	236	194	205	238	219	269	200	204
10-29	255	227	221	218	219	221	179	178	170	200	165	164	190	197	155	185	152	165	175	197	198	194
30-49	63	57	58	62	59	66	54	55	45	43	33	36	49	41	35	44	39	24	35	40	45	27
50-99	66	62	56	47	43	44	46	35	42	34	21	24	33	33	30	35	30	24	20	19	28	20
100-299	60	22	41	25	24	20	23	24	28	22	23	20	26	17	18	16	14	9	23	17	35	21
300 workers or more	3	10	8	10	9	7	12	8	9	3	3	2	6	6	2	4	6	2	4	2	3	3
total	760	650	736	688	673	641	628	548	584	542	466	443	557	513	476	478	446	462	476	544	509	469

Month of industrial accidents in fuel retail in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	87	71	81	72	64	67	53	85	54	73	55	42	72	48	65	71	46	55	41	60	66	48
February	82	69	68	68	60	59	63	50	54	69	43	51	40	54	46	57	41	42	53	66	43	41
March	52	67	55	65	70	66	59	45	57	40	48	50	82	42	48	42	49	45	38	48	50	34
April	74	42	48	58	55	55	56	42	55	43	31	32	42	47	37	27	40	34	35	43	39	41
May	62	54	74	61	59	45	39	46	50	39	37	21	31	36	22	33	33	27	37	41	30	30
June	59	49	52	54	45	56	50	33	54	25	38	39	35	34	32	38	36	30	29	44	29	35
July	66	46	58	55	63	41	43	33	51	50	41	33	45	43	42	29	32	31	39	38	40	26
August	52	43	67	43	47	44	48	44	48	38	38	31	48	37	25	38	25	40	27	31	35	48
September	51	51	40	46	41	63	55	39	32	41	24	24	36	37	32	26	36	26	34	49	51	38
October	52	47	59	50	57	56	46	31	51	37	41	43	30	33	43	29	36	31	49	47	37	27
November	47	64	62	63	54	47	43	47	40	41	26	35	38	50	47	42	30	41	45	34	44	39
December	76	47	72	53	58	42	73	53	38	46	44	42	58	52	37	46	42	60	49	43	45	62



total	760	650	736	688	673	641	628	548	584	542	466	443	557	513	476	478	446	462	476	544	509	469
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Prefecture of industrial accidents in fuel retail in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	50	51	60		46		57	45	37	44	29	27	41	23	27	40	25	31	32	44	42	45
Aomori	17	9	13		12		14	13	14	4	8	7	16	16	15	14	7	16	18	8	12	7
Iwate	16	14	12		13		11	11	12	10	12	6	18	8	14	9	6	15	13	8	12	5
Miyagi	21	13	11		19		14	15	16	16	14	16	33	25	13	12	17	19	10	15	15	18
Akita	13	13	13		6		9	14	8	3	10	9	11	14	7	9	6	9	6	11	10	7
Yamagata	16	10	13		10		10	14	13	15	9	11	13	12	8	8	13	7	7	16	8	12
Fukushima	13	15	13		16		11	12	11	17	12	18	13	15	15	8	7	16	14	10	16	19
Ibaraki	28	17	7		20		15	12	15	11	13	10	11	13	9	12	16	13	14	12	9	11
Tochigi	16	13	9		8		18	8	11	10	3	6	11	11	5	10	9	5	9	12	16	12
Gunma	15	8	11		19		14	10	9	14	13	8	9	8	8	10	10	8	7	12	9	12
Saitama	16	11	26		27		14	15	14	11	9	16	14	18	18	23	21	17	11	19	20	10
Chiba	28	26	27		23		10	16	22	20	16	14	19	16	18	19	15	15	22	13	15	12
Tokyo	24	27	34		30		21	19	18	25	13	17	24	21	16	19	22	18	18	19	22	9
Kanagawa	54	41	35		22		33	37	22	33	22	29	28	32	17	13	19	21	25	23	21	23
Niigata	15	12	13		11		14	11	22	14	14	12	18	9	13	11	15	10	17	15	14	6
Toyama	6	11	10		5		5	6	1	7	10	3	6	9	10	2	6	4	3	2	8	8
Ishikawa	12	1	2		6		6	7	7	8	9	6	4	0	8	9	8	3	8	7	9	6
Fukui	3	3	14		5		3	5	2	4	7	3	6	8	1	4	4	6	3	5	6	4
Yamanashi	1	1	4		2		3	3	6	4	2	1	3	3	1	3	2	5	7	6	8	2
Nagano	14	10	12		15		18	16	21	14	12	15	14	10	12	13	13	15	10	15	15	19
Gifu	18	10	22		15		18	16	12	13	7	12	12	9	9	15	9	9	14	12	10	10
Shizuoka	20	17	10		20		18	11	26	18	13	8	16	16	18	16	12	19	13	26	22	18
Aichi	33	37	27		18		27	25	28	23	26	24	18	29	21	26	19	22	18	28	23	33
Mie	20	17	20		12		9	14	18	9	8	6	13	12	7	7	8	7	10	5	6	10
Shiga	3	7	12		6		8	8	6	4	8	5	5	8	5	8	7	6	2	3	2	4
Kyoto	11	13	14		7		9	8	3	9	8	14	12	11	8	6	13	6	7	8	7	6
Osaka	30	18	32		19		23	15	24	20	8	17	8	11	7	17	10	13	10	20	12	12
Hyogo	19	31	37		35		21	21	26	18	9	16	17	16	10	14	15	10	15	16	14	4
Nara	8	7	5		4		8	2	5	7	3	3	1	7	3	2	1	6	4	5	3	4
Wakayama	9	6	9		11		8	6	8	7	8	0	6	3	2	7	2	3	3	5	3	1
Tottori	7	4	7		4		5	1	4	4	1	3	2	3	6	5	6	3	5	1	7	4





construction machine	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
metal manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
general machine	0	1	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
conveying machine	5	6	4	2	2	1	3	2	1	1	4	1	0	1	1	1	1	2	1	2	2	0
vehicle	4	2	6	2	0	0	4	5	2	1	1	1	1	0	0	0	1	1	2	2	1	1
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	0	0	2	0	0	1	0	0	0	0	1	0	1	0	0	2	0	0	1	0	0	1
other equipments, facilities	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
temporary buildings, establishments	0	0	1	0	0	0	2	1	0	0	1	1	1	0	1	0	0	1	0	0	1	1
hazards, harmful substances	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
materials	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural environment	0	0	0	0	0	0	1	0	0	1	0	0	28	0	0	0	0	0	0	0	0	2
other causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0
unclassifiable	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
total	11	11	17	5	2	3	12	9	5	3	7	6	32	1	3	4	3	4	4	5	4	5











stone, sand, substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other materials	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
machine/equipment as load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural ground, rock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
standing tree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
water	0	0	0	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	1
abnormal environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other environments	0	0	0	0	0	0	1	0	0	1	0	0	2	0	0	0	0	0	0	0	0	1
other causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0
unclassifiable	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
total	11	11	17	5	2	3	12	9	5	3	7	6	32	1	3	4	3	4	4	5	4	5

#### Workers age of fatal accidents in fuel retail in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	5	1	3	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
20-29	1	3	5	0	0	0	3	4	2	0	2	2	1	1	1	0	0	0	0	0	0	0
30-39	0	3	2	2	0	1	2	0	2	0	0	0	10	0	0	0	0	1	0	0	0	0
40-49	3	2	1	0	1	1	0	1	1	0	2	0	10	0	2	1	0	1	0	1	0	0
50-59	2	2	3	2	1	1	5	3	0	1	3	2	5	0	0	3	2	1	2	1	2	1
60 years old or more	0	0	3	0	0	0	1	1	0	2	0	2	5	0	0	0	1	1	2	3	2	4
total	11	11	17	5	2	3	12	9	5	3	7	6	32	1	3	4	3	4	4	5	4	5

#### Workers' number of workplace of fatal accidents in fuel retail in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	4	7	7	3	1	1	8	7	2	2	6	4	22	1	1	4	1	4	2	3	4	4





Oita	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Miyazaki	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Kagoshima	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1
Okinawa	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
total	11	11	17	5	2	3	12	9	5	3	7	6	32	1	3	4	3	4	4	5	4	5

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

Return to [https://www.jisha.or.jp/english/statistics/2020e\\_industry.html](https://www.jisha.or.jp/english/statistics/2020e_industry.html)