

Fatal and non-fatal accidents in all kinds of wholesale in Japan in 1999-2022

all kinds of wholesale industry Code No.080101

Type of accidents in all kinds of wholesale in 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
fall from height	104	94	86	79	79	65	54	43	55	45	30	30	31	25	19	31	28	24	27	24	25	22	26	22	1,068
falling to same level	156	100	110	85	74	68	85	90	61	52	47	55	40	42	40	44	32	45	38	26	28	36	29	34	1,417
crash	42	40	27	23	19	21	23	18	23	6	12	3	17	4	16	9	4	7	6	7	10	11	5	5	358
struck by flying or falling object	40	37	32	24	26	19	14	24	9	10	10	13	6	8	12	4	5	6	7	11	5	3	6	9	340
collapse	15	14	13	11	8	8	9	10	3	5	3	4	2	2		1	3	1	2	5		3	1	2	125
crashed by	33	26	12	26	16	13	18	15	15	10	8	6	8	7	8	8	10	6	9	5	5	3	8	9	284
caught in/between	74	69	56	56	39	35	33	32	40	22	23	19	9	16	11	7	15	14	15	14	10	6	12	18	645
cut	50	24	36	33	26	20	23	27	26	11	15	9	14	9	10	8	8	5	6	6	9	9	8	3	395
injury to the sole of the foot	2	2	2	1	1	2		1	1																12
drown			1										1												2
contact to high/low-	7	7	8	7	3	5	2	4	6	3	1	2		2	2	2		1	1	1	2	3	1		70

temperature																									
contact to harmful substance	1	1	1				1		1		1							3					1		10
electric shock	1	1																							2
explosion	2																								2
burst			1																						1
fire					1	1									1										3
traffic accident (public road)	63	36	41	30	25	19	22	14	16	10	24	20	14	8	13	6	10	13	7	8	7	2	5	5	418
traffic accident (others)		1			1		2				1				1										6
reaction to motion/improper motion	100	62	73	50	63	49	41	35	58	32	18	22	23	24	31	20	20	23	21	28	10	19	16	24	862
others	2	3		3	5	1	2	1			1		3	1	1		1	1	1	1		1	18	1	47
unclassifiable	2			2													1	1			1				7
total	694	517	499	430	386	326	329	314	314	206	194	183	168	148	164	141	137	150	140	136	112	118	136	132	6,074

Causal agents (large) of fatal and non-fatal accidents in all kinds of wholesale in 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
machine	40	22	34	23	22	21	19	22	13	6	14	5	10	12	8	4	5	4	5	6	9	7	7	6	324

crane, conveying machine	187	142	121	118	99	79	88	72	75	41	60	50	49	30	39	34	33	39	39	31	27	14	25	26	1,518
other equipment	126	87	80	86	63	59	56	68	69	48	34	31	37	29	29	27	32	35	26	31	24	27	26	26	1,156
temporary buildings, establishments	155	123	111	97	91	69	77	75	73	61	44	50	40	41	39	42	31	36	34	30	29	36	31	34	1,449
substance, material	37	36	34	20	20	17	12	21	17	9	6	5	4	6	4	4	5	13	13	5	3	1	5	8	305
load	89	72	68	39	52	50	37	33	37	29	25	30	13	17	25	13	18	16	12	17	8	15	14	17	746
environment	10	7	16	11	6	7	12	8	4	2	1	3	6	4	7	5	1	2	2	6	5	3	2	3	133
others	50	28	35	36	33	24	28	15	26	10	10	9	9	9	13	12	12	5	9	10	7	15	26	12	443
total	694	517	499	430	386	326	329	314	314	206	194	183	168	148	164	141	137	150	140	136	112	118	136	132	6,074

Causal agents (middle) of fatal and non-fatal accidents in all kinds of wholesale in 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	
engine					1	1																			2	
power transmission mechanism		2	2			1	1		1																	7
woodworking machine	6	2	1		1		4	2	1	1	2			2	2		1		2		2	2	1		32	

pressure vessel													1										1		
other pressure vessels			1						1	1							1						4		
chemical facilities																									
gas welding equipment											1												1		
arc welding equipment																									
other welding equipment																									
kiln, caldron																		1					1		
industrial dryer									1														1		
other kiln, caldron																1							1		
transmission														1									1		
electric power facilities																									
other electrical equipment																									
human power cranes				1		1														3		2	7		
human power hauling equipment			19		12		7	14	15	10	6	4	7	6	5	5	10	11	8	7	5	7	4	6	168

human power machine						1	1										1	1						4	
hand tool			10		12		13	9	16	7	8	7	7	3	4	5	6	2	1	4	3	2	3	1	123
ladder			24		16		13	14	14	10	6	3	9	10	6	7	6	9	6	6	5	9	7	7	187
slinging tool			2		1							1												4	
other tools			21		12		16	25	18	15	6	9	12	8	8	7	5	10	7	12	5	2	11	9	218
other equipment, facilities			3		9		5	5	6	4	7	6	2	1	5	3	5	1	2	2	5	4	1	1	77
scaffolding					1					1	1	1		1			1		1	1				8	
timbering																									
stairs, landing stage			27		17		17	12	14	18	10	10	10	4	8	13	9	6	9	7	7	9	8	7	222
opening			4		2					1		1	1		1			1						11	
roof, beam, haze, crossbeam, principal rafter					1		1		2			1	1											6	
working platform, boot board			15		6		9	10	13	7	4	8	4	5	3	5	8	5	7	4	2	1	4	5	125
passage			40		41		36	36	30	19	14	21	13	20	20	19	9	16	13	7	13	22	13	14	416
building, establishment			14		13		9	11	8	9	6	5	6	6	6	3	3	4	1	8	3	1	4	5	125
other temporary buildings,			11		10		5	6	6	6	9	3	5	5	1	2	1	5	2	3	4	3	2	3	92

environment																									
high/cold temperature environment			4				1	2	1			1		1	1	1			1	1	2	1			17
other environments			8		2		7	5	1	2	1	2	4	2	6	4	1	2	1	4	4	1	1	2	60
other causal agent			14		3		7	3	6	1	3	3	2	3	4	7	3	1	1			3	18	3	85
no causal agent			20		29		19	12	18	9	7	6	6	6	9	5	9	3	8	10	6	12	8	9	211
unclassifiable			1		1		2		2				1					1			1			9	
total	694	517	499	430	386	326	329	314	314	206	194	183	168	148	164	141	137	150	140	136	112	118	136	132	6,074

Workers age of fatal and non-fatal accidents in all kinds of wholesale in 1999-2022

Age	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
19 years old or less	20	9	9	14	9	5	4	6	7	6	4	1	1	5	4			1	1	5	3	1	1	1	117
20-29	151	114	103	78	73	53	59	51	49	26	20	26	19	13	23	14	18	24	18	12	8	13	16	10	991
30-39	124	107	107	96	88	76	66	58	68	45	46	38	36	24	37	22	25	21	31	20	12	15	17	17	1,196
40-49	160	111	82	80	70	71	63	69	75	48	49	42	48	39	44	39	31	36	37	36	30	23	18	33	1,334
50-59	180	136	156	118	101	88	90	97	72	50	44	45	38	46	32	36	28	32	29	36	32	34	46	32	1,598
60 years old or more	59	40	42	44	45	33	47	33	43	31	31	31	26	21	24	30	35	36	24	27	27	32	38	39	838
total	694	517	499	430	386	326	329	314	314	206	194	183	168	148	164	141	137	150	140	136	112	118	136	132	6,074

Workers' number of workplace of fatal and non-fatal accidents in all kinds of wholesale in 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
9 workers or less	182	125	120	93	118	59	74	69	54	53	39	56	32	32	39	38	30	36	31	35	24	27	32	30	1,428
10-29	200	162	159	139	103	98	93	98	80	47	64	57	54	37	44	46	52	51	50	39	44	29	60	39	1,845
30-49	101	67	68	67	52	66	48	39	56	35	31	20	22	24	33	18	17	25	20	21	17	16	14	24	901
50-99	91	84	85	66	59	53	44	50	55	37	26	19	26	20	21	10	18	10	13	11	13	18	6	11	846
100-299	98	63	54	47	41	38	49	40	50	25	16	18	28	20	13	16	12	18	23	19	9	15	10	24	746
300 workers or more	22	16	13	18	13	12	21	18	19	9	18	13	6	15	14	13	8	10	3	11	5	13	14	4	308
total	694	517	499	430	386	326	329	314	314	206	194	183	168	148	164	141	137	150	140	136	112	118	136	132	6,074

Month of fatal and non-fatal accidents in all kinds of wholesale in 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
January	62	47	44	35	37	33	36	24	23	23	14	17	9	14	18	14	15	9	17	7	6	12	5	8	529
February	62	45	38	43	25	28	26	37	17	28	17	19	11	16	20	13	10	7	9	13	13	6	7	14	524
March	75	52	39	43	39	32	29	26	30	13	19	10	11	16	15	12	17	15	12	13	15	11	14	11	569
April	57	56	46	34	36	28	20	22	19	19	10	20	16	18	9	8	10	13	9	9	10	7	13	15	504
May	60	40	44	43	27	27	28	30	21	22	21	17	14	18	10	14	10	16	6	8	9	14	10	6	515
June	60	51	52	31	41	21	24	22	31	11	19	13	14	6	7	8	7	10	10	5	7	10	14	14	488

July	55	34	47	31	21	51	31	26	24	18	20	16	20	8	14	17	13	12	13	12	9	11	13	6	522
August	50	45	46	32	27	19	30	32	41	16	18	12	14	12	13	12	10	13	19	14	8	6	22	10	521
September	47	41	43	36	43	18	19	24	23	16	9	15	10	13	11	14	15	21	11	10	12	13	10	14	488
October	54	37	37	34	30	25	30	23	31	15	19	13	19	8	14	11	9	16	13	17	5	7	5	9	481
November	46	38	31	37	26	19	19	25	27	13	16	16	15	12	11	8	12	5	10	11	5	10	11	10	433
December	66	31	32	31	34	25	37	23	27	12	12	15	15	7	22	10	9	13	11	17	13	11	12	15	500
total	694	517	499	430	386	326	329	314	314	206	194	183	168	148	164	141	137	150	140	136	112	118	136	132	6,074

Prefecture of fatal and non-fatal accidents in all kinds of wholesale in 1999-2022

Prefecture	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
Hokkaido	21	17	22		9		14	4	11	2	2	7	6	5	7	4	7	4		3	5	4	2	3	159
Aomori	10	3	2		1		1	4	2	1	1	1	1	1	1	2	1			2					34
Iwate	4	7	5		7		1	1	1	5	2	1	3	2	1		2	1						1	44
Miyagi	10	11	15		5		6	10	18	10	2	1	7		11	8	11	8	3	14	7	5	5	4	171
Akita	9	5	5		7			1	4		2		1	2	1	1	2	1						2	43
Yamagata	13	10	10		4		4	9	7	5	4	9	4	7	9	3	4	1	6	4	3	6	2	1	125
Fukushima	9	9	8		10		9	4	4	2	4	7	4	4	6	1	6	6	3	2	5	2	3	3	111
Ibaraki	20	16	11		7		6	6	6	8	3	6	2	4	3	1	2	8	2	6	1	1			119
Tochigi	9	5	8		6		6	8	8	4	3		4	6	1	3		1	3	1	2		2	2	82
Gunma	9	19	15		11		7	16	7	7	5	1	3	2	1	2	3				1	1	1	2	113

Saitama	25	22	22		21		24	14	20	14	14	7	6	6	11	8	8	8	4	2	1	3	4	8	252
Chiba	38	28	35		17		21	5	23	25	14	9	7	7	9	12	4	20	24	7	9	10	8	9	341
Tokyo	47	30	25		24		16	11	13	6	3	2	4	7	10	7	5	6	10	10	7	6	6	5	260
Kanagawa	17	14	17		6		17	14	13	4	9	9	8	13	7	7	6	14	4	2	6	7	4	7	205
Niigata			2		3		1	4	4		2	2			1	1			1	1	1		1		24
Toyama	4	6	15		3		3	4	2			4	3		1	2						1	1		49
Ishikawa	7							2								3		1					1		14
Fukui	11	5	3		1		1	4	4			6				1	2	1		2	1	1		2	45
Yamanashi	7	3	7		9		8	8	8	1	2	4	2	1	4	2	2	2				3	2	2	77
Nagano	8	6	6		12		7	5	4	4	6	5	5	1	3	5	6	6	3	2	2	3	3	1	103
Gifu	8	12	13		13		8	17	10	10	13	5	9	3	4	2	2	2	6	4	4	2	1	7	155
Shizuoka	15	13	10		16		7	6	14	8	5	3	3	3	1	2	4	4	2	6	1	3	1	1	128
Aichi	36	33	34		13		12	11	17	18	9	19	8	8	10	10	5	8	11	8	7	3	10	8	298
Mie	9	18	9		12		7	5	7	1	5	5	7	2	5	3	3	3	1	6	4	6	5	7	130
Shiga	1	3	6		5		1	4	1				1	2	1	2	1	1	3	2	1	4	1	2	42
Kyoto	7	6	7		2		3	2	2	4	2	1	3	2	1	1	4	2	4	2	2		1	1	59
Osaka	96	40	16		27		17	22	28	6	23	16	4	7	13	8	5	6	7	14	5	14	18	10	402
Hyogo	37	22	28		30		28	35	4	3	4	3	9	5	1	4	6	2	3	5	8	5	14	5	261
Nara	2	1	2		5		5		3	1	3	1	6	2	3	1		4	1	1	1		3		45
Wakayama	11	9	10		10		11	8	7	3	6	4	2	6	8	3	5	3	2	5	3	3	13	1	133
Tottori	7	6			2				1			1		1			1			1			1		21

Shimane	5	2	1		2			1	2	1		1		1	1	2	1					1			21
Okayama	14	5	6		8		7	6		4	5	4	4	2	1		1	1					1	1	70
Hiroshima	18	15	22		6		7	5	10	4		6	5	5	5	5	1	2	5	2	1	2		3	129
Yamaguchi	13	8	7		3		7	6	7	5	1		3			2		2	2	1	2	2	3	1	75
Tokushima	8	9	12		5		4	7	4	2	4	3	3	2	4	1	4	1	1	2	2	3		1	82
Kagawa	14	6	10		8		4	1	1	3	2	2	6	5	1	1	6	2	1	1			1	1	76
Ehime	2	13	2		2		1	1	1	2							1	3	1			1	1	1	32
Kochi	7	6	4		7		4	6	8	7	9	7	5	5	3	2	4	6	1		8	5	2	3	109
Fukuoka	22	23	8		17		17	12	6	7	3	3	5	4	1	2	1	1	5	6	2	2	2	3	152
Saga	9	7	7		4		6	3	4	4	3	5	1	3	2		2	1	5	4			1	1	72
Nagasaki	24	12	9		3		3	7	1			2	1	2	1		1	2	1		1	1	2	2	75
Kumamoto	10	6	15		7		5	2	2	1	5	4	3	1	1	6	1	3	1	3	1	1	3	12	93
Oita	3	1	2		3		3	1	1	5	7		2			1	2	2	2		1			1	37
Miyazaki	9	7	6		5		8	2	3	3	2	2	2	1	1	2	1	1			1	2	1	1	60
Kagoshima	13	5	10		2		2	2	8	2	2	2	1			2	1		1		1	1	2	3	60
Okinawa	16	13	10		6			8	3	4	3	3	5	8	9	6	3		11	5	5	4	4	4	130
total	694	517	499	430	386	326	329	314	314	206	194	183	168	148	164	141	137	150	140	136	112	118	136	132	6,074

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

drown			1									2											3
contact to high/low-temperature											1												1
contact to harmful substance																							
electric shock																							
explosion																							
burst																							
fire																							
traffic accident (public road)	4	4	2			1	2	1		1	1			1		1		1				1	20
traffic accident (others)																							
reaction to motion/improper motion																							
others					1	1																	2
unclassifiable																							
total	6	6	3	1	1	2	3	1		2		3	2		1	1		1	1	1		1	36

Causal agents (large) of fatal accidents in all kinds of wholesale in 1999-2022

environment																								
high/cold temperature environment											1													1
other environments																								
other causal agent				1	1																			2
no causal agent																								
unclassifiable																								
total	6	6	3	1	1	2	3	1		2		3	2		1	1		1	1	1		1	36	

Workers age of fatal accidents in all kinds of wholesale in 1999-2022

Age	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
19 years old or less																									
20-29	2	3	1												1								1		8
30-39	1			1		1						1	1						1						6
40-49	1		1				1			1			1					1		1					7
50-59	2	3	1		1		1	1		1		1			1										12
60 years old or more						1	1					1													3
total	6	6	3	1	1	2	3	1		2		3	2		1	1		1	1	1		1		36	

Shimane																							
Okayama																							
Hiroshima		1		1																			2
Yamaguchi		1																					1
Tokushima							1		1														2
Kagawa																							
Ehime																							
Kochi																							
Fukuoka		3																					3
Saga		1																					1
Nagasaki																							
Kumamoto																							
Oita							1																1
Miyazaki																							
Kagoshima																							
Okinawa																							
total	6	6	3	1	1	2	3	1		2		3	2		1	1		1	1	1		1	36

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

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html