

Fatal accidents in commerce in Japan in 1991-2020

commerce industry Code No.08

Type of fatal accidents in commerce in 1991-2020

Type of accidents	1991	1992	1993	1994	1995	1996	1997	1998	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	20	18	19	31	20	22	18	24	12	19	16	24	14	18	16	21	14	16	21	23	21	9	12	13	17	11	19	9	11	9
falling to same level	2	3	3	2	2	3	5	2	4	2	2	4	3	7	8	6	3	0	3	3	3	3	4	1	4	4	4	2	3	2
crash	3	3	0	1	2	1	0	1	1	0	0	0	2	0	1	0	0	3	1	0	0	1	0	0	3	1	1	0	0	2
struck by flying or falling object	10	10	2	5	4	5	9	2	1	2	7	7	2	6	4	2	2	2	0	1	2	2	1	6	3	2	1	1	2	4
collapse	7	4	5	8	14	4	5	1	7	4	3	6	3	0	4	5	3	0	6	2	4	3	5	2	3	2	1	1	1	0
crashed by	7	6	2	3	8	4	3	6	4	2	6	2	6	2	2	10	5	5	3	1	1	5	3	4	2	4	4	4	3	5
caught in/between	12	14	15	17	17	18	11	15	14	14	14	10	15	12	11	14	19	11	8	13	6	11	3	8	4	8	3	8	6	6
cut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
injury to the sole of the foot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
drown	0	4	2	2	1	3	1	0	1	3	1	1	0	1	1	0	2	0	2	0	11	2	2	1	0	1	4	2	1	3
contact to high/low-temperature	4	0	0	0	0	0	2	0	0	0	1	0	0	0	3	0	0	1	0	3	3	0	4	1	1	1	1	2	1	3
contact to harmful substance	3	0	0	0	2	0	0	0	1	0	3	1	0	0	0	0	0	1	2	2	0	0	1	0	1	0	0	1	2	0
electric shock	1	0	0	2	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	1	1	0	1	1	0	0
explosion	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	4	0	0	0	1	0	0	0	0
burst	1	1	1	0	0	2	0	1	1	0	1	0	0	0	2	0	0	0	0	1	0	0	1	2	0	1	0	1	0	0
fire	0	0	3	2	1	0	4	1	1	6	1	0	2	3	1	0	0	0	4	0	4	0	1	2	1	0	1	0	0	0
traffic accident (public road)	143	179	137	116	115	100	113	117	126	136	118	84	103	85	109	90	71	70	57	60	52	69	48	52	45	53	38	40	33	35
traffic accident (others)	2	4	1	8	0	5	1	3	2	4	1	2	2	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0
reaction to motion/improper motion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
others	0	2	0	3	1	0	0	0	1	3	2	4	3	10	9	1	6	5	6	7	84	8	8	9	7	3	14	6	2	5
unclassifiable	0	1	1	1	1	2	0	0	0	0	0	1	1	1	0	0	1	3	1	1	1	0	0	1	0	0	0	0	0	0
total	215	251	191	201	188	170	172	174	177	195	177	146	158	145	172	151	129	118	115	118	294	117	93	103	92	92	92	78	65	74

Causal agents (middle) of fatal accidents in commerce in 1991-2020

[illegible]

harmful substances	2	0	1	1	1	0	5	0	2	6	2	1	2	0	0	0	1	1	2	1	2	3	2	0	2	1	0	1	1	0
materials	2	3	0	2	5	1	2	3	4	1	4	4	1	1	2	1	1	0	2	0	1	0	2	3	3	1	0	0	0	0
load	8	8	5	9	7	2	4	5	2	2	2	4	2	6	2	3	3	1	5	2	3	6	2	4	1	1	2	1	2	1
natural environment	6	0	1	7	8	1	2	1	1	4	2	2	0	2	7	6	2	2	2	6	198	3	6	1	3	2	4	4	4	5
other causal agent	0	0	0	1	1	1	0	0	2	1	2	2	3	6	3	1	2	1	0	0	0	0	0	4	0	0	0	1	0	3
no causal agent	1	2	0	0	1	0	1	1	0	1	2	2	0	6	5	0	4	3	8	7	4	8	8	7	8	3	14	5	2	3
unclassifiable	0	1	1	2	2	1	0	0	0	1	0	1	1	1	2	0	1	3	1	1	0	1	0	1	0	0	0	0	0	0
total	215	251	191	201	188	170	172	174	177	195	177	146	158	145	172	151	129	118	115	118	294	117	93	103	92	92	92	78	65	74

Workers age of fatal accidents in commerce in 1991-2020

Age	1991	1992	1993	1994	1995	1996	1997	1998	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	17	19	7	7	12	6	12	6	10	5	9	1	4	4	3	5	1	3	0	0	6	2	2	1	1	0	1	4	0	0
20-29	44	52	31	38	44	44	35	31	41	40	38	23	33	16	23	22	20	18	13	17	27	13	11	13	6	10	7	3	5	6
30-39	30	36	20	28	18	20	19	22	25	39	26	30	23	24	26	17	20	15	7	17	59	19	6	11	11	15	11	6	4	6
40-49	34	47	48	42	37	26	27	25	21	27	25	22	26	22	31	22	16	13	22	16	64	21	25	15	12	19	16	12	14	6
50-59	48	54	52	54	39	39	37	43	30	39	47	38	38	44	53	36	40	28	30	30	67	25	21	22	21	15	21	19	16	20
60 years old or more	42	43	33	32	38	35	42	47	50	45	32	32	34	35	36	49	32	41	43	38	71	37	28	41	41	33	36	34	26	36
total	215	251	191	201	188	170	172	174	177	195	177	146	158	145	172	151	129	118	115	118	294	117	93	103	92	92	92	78	65	74

Workers' number of workplace of fatal accidents in commerce in 1991-2020

Workers scale	1991	1992	1993	1994	1995	1996	1997	1998	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	81	86	73	79	69	52	51	61	62	72	72	45	44	43	64	51	53	44	40	40	135	38	25	35	25	35	34	24	16	33
10-29	72	95	63	63	71	60	73	58	61	70	59	65	71	58	55	53	43	43	35	36	113	48	34	42	41	37	32	34	29	24
30-49	29	39	28	23	23	31	24	25	26	31	22	21	24	19	32	27	19	18	23	21	19	17	22	13	12	17	15	11	11	12
50-99	19	18	17	21	16	11	18	19	20	13	14	11	14	15	13	14	7	9	13	11	13	7	6	8	6	3	7	3	6	2
100-299	6	12	9	9	7	15	5	8	7	9	9	3	4	6	8	3	5	3	2	8	10	6	6	5	6	0	3	5	2	3
300 workers or more	8	1	1	6	2	1	1	3	1	0	1	1	1	4	0	3	2	1	2	2	4	1	0	0	2	0	1	1	1	0
total	215	251	191	201	188	170	172	174	177	195	177	146	158	145	172	151	129	118	115	118	294	117	93	103	92	92	92	78	65	74

Month of fatal accidents in commerce in 1991-2020

Month	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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Shizuoka	8	10	7	8	4	6	5	10	6	8	4	6	5	3	9	7	4	2	1	2	2	2	0	5	1	3	4	5	2	3
Aichi	6	12	9	11	9	15	11	8	9	10	11	9	11	7	14	11	7	7	4	6	4	4	3	7	4	6	1	4	7	3
Mie	6	4	0	5	6	3	4	2	2	2	5	3	7	7	2	1	4	2	3	3	1	4	2	2	0	0	2	1	1	3
Shiga	0	2	3	1	0	2	1	2	4	5	4	3	1	4	2	2	2	2	5	1	2	0	1	2	1	3	1	2	2	1
Kyoto	4	6	3	5	1	2	1	3	3	6	2	2	3	2	0	0	1	0	4	4	3	1	1	5	3	1	2	4	1	2
Osaka	17	11	9	13	9	12	17	7	8	8	9	14	15	7	15	8	9	7	10	7	6	9	7	8	6	3	5	11	5	5
Hyogo	5	8	6	4	17	7	6	7	2	6	5	3	3	6	7	9	4	9	1	5	4	2	5	5	4	8	1	2	0	1
Nara	3	6	1	6	2	1	0	2	1	1	2	2	2	1	1	2	3	3	2	0	1	0	0	0	1	1	0	0	0	1
Wakayama	2	1	3	6	1	2	3	3	1	3	2	2	0	1	2	0	2	3	2	1	0	2	1	1	1	0	0	0	0	0
Tottori	2	1	1	0	0	1	3	3	1	4	2	1	1	0	2	1	0	0	0	1	2	2	1	0	0	0	0	0	0	1
Shimane	2	1	2	0	1	1	3	2	1	0	1	1	1	3	0	0	2	2	0	1	0	1	0	0	3	0	1	0	0	0
Okayama	4	7	4	5	3	5	4	5	2	3	4	5	3	4	2	2	5	1	0	1	1	4	4	3	2	0	3	0	2	1
Hiroshima	9	10	7	7	6	3	3	3	7	3	2	1	8	3	8	3	4	2	4	4	1	9	2	2	4	1	4	2	1	1
Yamaguchi	5	8	2	3	0	4	5	4	3	5	3	1	2	4	3	7	0	2	4	3	2	2	1	2	0	2	2	2	0	2
Tokushima	2	3	3	2	4	2	1	3	2	0	1	3	1	0	1	5	3	2	0	0	2	1	0	1	1	1	1	1	0	1
Kagawa	4	4	5	2	3	3	1	0	1	0	5	3	1	3	5	1	1	1	1	5	0	2	1	2	0	1	2	1	2	2
Ehime	2	3	2	5	3	3	2	1	3	5	3	2	2	3	4	3	2	2	3	1	3	2	2	0	3	2	0	1	0	0
Kochi	0	1	4	0	4	2	1	1	0	3	1	0	1	0	1	0	2	1	1	2	0	0	0	1	0	1	0	0	0	1
Fukuoka	12	8	10	5	7	6	2	12	8	6	10	10	10	5	5	4	4	2	4	3	6	4	4	5	3	4	7	2	1	5
Saga	2	1	1	1	1	1	1	2	4	1	1	3	1	1	0	0	1	1	1	1	0	1	1	1	2	0	0	1	1	2
Nagasaki	1	0	1	6	0	2	1	1	1	0	3	3	2	0	1	0	0	0	0	0	1	0	2	0	0	0	3	0	0	1
Kumamoto	3	4	3	4	6	0	1	3	2	3	4	1	0	3	4	3	1	2	1	3	3	3	2	2	2	0	0	0	0	0
Oita	0	0	2	2	1	2	1	3	6	2	0	1	0	3	2	3	0	0	0	3	1	2	2	0	1	0	2	0	3	1
Miyazaki	1	4	1	1	1	0	0	1	3	2	0	1	2	0	1	1	3	0	2	0	0	0	2	1	1	1	2	0	0	1
Kagoshima	3	2	3	0	4	2	1	1	1	3	1	1	3	3	2	2	1	2	4	1	2	0	0	1	1	4	1	0	1	3
Okinawa	3	0	1	0	0	2	1	0	0	0	1	0	0	3	1	0	0	0	0	2	2	2	0	0	0	0	1	0	0	1
total	215	251	191	201	188	170	172	174	177	195	177	146	158	145	172	151	129	118	115	118	294	117	93	103	92	92	92	78	65	74

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

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