

Industrial accidents in auto mobile practical training in Japan in 1999-2020

auto mobile practical training industry Code No.120101

Type of accidents in auto mobile practical training 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	6	15	10	12	9	11	15	12	7	10	13	7	6	7	9	2	14	7	10	13	16	14
falling to same level	35	43	37	31	36	36	39	43	37	37	26	24	25	29	29	32	24	28	25	32	21	31
crash	4	4	2	5	1	5	4	8	4	1	6	4	1	7	3	3	4	5	2	4	8	3
struck by flying or falling object	5	1	1	-	3	1	4	0	2	1	3	3	0	1	0	0	1	0	1	0	1	0
collapse	0	0	0	-	0	-	1	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0
crashed by	9	6	9	4	6	12	5	4	3	2	5	2	2	2	5	2	1	5	3	0	3	3
caught in/between	6	3	4	1	2	5	3	2	3	2	4	2	7	3	5	1	3	1	3	2	6	3
cut	2	0	1	1	2	-	1	1	3	0	1	0	0	0	1	2	2	2	0	0	0	1
injury to the sole of the foot	0	0	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
drown	0	0	0	-	0	-	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	0	0	0	1	0	1	0	1	0	0	0	2	0	0	1	0	0	0	0	1	2	0
contact to harmful substance	0	0	0	-	0	-	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric shock	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
explosion	0	0	0	-	0	-	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
burst	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
fire	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
traffic accident (public road)	16	12	7	8	6	1	5	9	9	10	6	6	6	10	9	7	5	6	10	7	12	5
traffic accident (others)	3	4	3	5	1	1	2	1	3	0	0	1	3	2	1	1	3	1	1	0	1	0
reaction to motion/improper motion	7	14	5	8	13	11	11	10	14	13	5	5	9	10	9	10	10	3	15	13	11	11
others	1	2	0	1	0	1	1	1	1	0	1	1	0	2	0	0	2	0	0	1	1	7

unclassifiable	0	0	0	2	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
total	94	104	79	80	79	85	94	92	86	76	70	57	61	73	73	61	69	60	71	73	84	79

Causal agents (middle) of industrial accidents in auto mobile practical training 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	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power transmission mechanism	0	0	1	-	0	-	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
woodworking machine	0	0	1	-	0	-	1	0	2	0	2	0	0	1	1	2	0	1	0	0	0	0
construction machine	0	1	0	1	1	2	2	0	0	1	1	0	0	1	0	0	2	0	0	2	0	0
metal manufacturing machine	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1
general machine	6	0	0	-	1	2	1	1	1	0	0	0	0	0	1	0	0	0	0	0	2	0
mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	0	-	0	-	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
conveying machine	3	2	1	1	0	1	5	6	2	4	1	2	1	5	2	1	0	2	2	4	6	4
vehicle	50	60	45	47	35	43	52	42	56	46	32	28	32	38	36	23	30	28	32	24	34	28
pressure vessel	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
welding equipment	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
electric equipment	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
human power machine, tools	2	2	1	-	2	1	1	0	1	0	0	0	0	0	0	2	2	0	1	1	0	0
tools	2	7	1	3	5	4	3	5	4	2	3	3	2	4	5	0	7	2	3	1	5	6
other equipments, facilities	0	0	0	-	0	1	1	2	0	0	3	3	0	1	0	2	1	0	0	1	0	0
temporary buildings,	20	23	22	14	20	18	20	29	12	15	18	13	19	12	19	23	20	19	15	25	23	25

equipment																						
arc welding equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other welding equipment			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
industrial dryer			0	0	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	0	0
transmission			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
electric power facilities			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other electrical equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power cranes			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power hauling equipment			1	0	1	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0
human power machine			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hand tool			0	2	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0
ladder			1	3	1	3	2	1	3	2	1	3	2	0	6	0	3	1	5	5	5	5
slinging tool			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other tools			0	2	2	2	2	1	0	1	1	1	3	0	1	2	0	0	0	0	1	1
other equipment, facilities			0	0	1	2	0	0	3	3	0	1	0	2	1	0	0	1	0	0	0	0
scaffolding			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
timbering			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage			7	8	6	4	4	5	3	4	6	0	4	4	7	4	5	4	8	7	7	7
opening			0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
roof, beam, haze, crossbeam, principal rafter			0	0	2	0	0	0	0	0	0	0	2	0	1	1	0	2	0	0	0	0
working platform, boot board			1	0	1	2	0	2	1	1	4	0	1	3	0	1	2	0	0	0	0	0
passage			11	8	7	15	7	7	10	5	5	6	7	14	6	9	6	15	8	11	11	11
building, establishment			1	3	3	4	1	1	1	2	1	1	4	1	1	2	0	2	4	3	3	3

19 years old or less	0	0	0	-	1	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	
20-29	15	18	6	12	10	11	13	12	10	19	2	7	7	7	6	4	4	2	6	9	5	7
30-39	24	39	23	23	22	25	27	25	20	17	21	24	10	13	19	6	13	7	14	10	13	14
40-49	19	17	15	24	14	18	22	22	29	13	20	10	16	16	20	20	21	17	18	14	28	19
50-59	22	21	25	18	24	20	20	23	19	16	14	10	19	20	15	16	16	18	16	23	20	20
60 years old or more	14	9	10	3	8	10	12	9	8	11	13	6	8	17	13	15	15	16	16	17	18	19
total	94	104	79	80	79	85	94	92	86	76	70	57	61	73	73	61	69	60	71	73	84	79

Workers' number of workplace of industrial accidents in auto mobile practical training 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	1	4	2	1	0	1	3	3	2	3	2	0	4	2	1	2	3	5	2	0	2	1
10-29	18	20	15	16	18	17	21	18	17	14	17	17	13	16	18	18	17	13	17	21	16	11
30-49	30	38	21	25	19	23	27	26	21	10	17	18	12	22	25	19	22	15	19	24	21	25
50-99	28	28	30	27	29	35	32	31	37	37	26	14	23	27	25	17	20	24	26	24	36	27
100-299	17	13	11	11	13	9	10	14	9	12	7	7	9	6	3	4	6	2	6	4	9	14
300 workers or more	0	1	0	-	0	0	1	0	0	0	1	1	0	0	1	1	1	1	1	0	0	1
total	94	104	79	80	79	85	94	92	86	76	70	57	61	73	73	61	69	60	71	73	84	79

Month of industrial accidents in auto mobile practical training 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	14	11	7	7	5	7	12	8	8	5	8	6	6	7	5	5	10	8	8	5	8	3
February	10	11	5	6	8	10	11	12	5	8	6	1	2	7	8	7	1	6	8	7	6	10
March	10	13	4	6	4	10	5	6	7	5	3	3	6	4	4	5	10	3	3	3	7	6
April	6	18	6	8	5	8	11	8	6	9	5	6	10	7	7	3	6	4	5	9	11	5
May	8	10	2	5	11	5	7	7	4	7	7	7	6	4	3	7	9	4	3	3	7	6
June	6	6	9	8	8	7	7	5	12	12	5	6	9	6	9	9	7	8	11	10	5	12
July	13	7	7	9	7	7	3	11	9	3	10	9	2	10	7	6	9	4	8	7	10	5
August	5	5	9	12	5	4	4	7	8	2	4	3	3	9	4	4	1	5	5	7	4	4
September	6	4	7	2	5	3	10	2	8	8	3	7	6	3	4	2	4	9	9	4	11	1
October	5	5	9	8	7	7	13	7	7	6	8	1	4	4	10	5	5	5	4	5	7	7
November	3	6	7	7	5	11	6	12	8	8	5	5	1	8	5	1	3	2	3	7	4	9
December	8	8	7	2	9	6	5	7	4	3	6	3	6	4	7	7	4	2	4	6	4	11

total	94	104	79	80	79	85	94	92	86	76	70	57	61	73	73	61	69	60	71	73	84	79
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Prefecture of industrial accidents in auto mobile practical training 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	4	5	4		4		7	9	4	1	6	3	1	4	3	1	4	3	6	4	5	8
Aomori	2	1	1		1		0	0	0	0	0	1	1	0	3	2	0	1	1	3	1	1
Iwate	3	0	2		1		2	0	3	1	1	3	2	1	1	3	1	3	0	1	1	1
Miyagi	4	6	5		0		2	4	1	0	1	3	4	2	3	0	2	1	2	2	1	2
Akita	1	1	1		0		2	0	0	1	0	1	0	0	1	0	1	0	1	1	1	1
Yamagata	1	2	0		1		2	1	0	1	2	0	0	2	2	1	1	2	1	1	3	0
Fukushima	1	2	1		2		2	0	2	1	4	1	0	3	2	2	2	0	1	3	1	0
Ibaraki	2	2	2		2		5	2	3	0	2	0	2	1	2	2	1	0	0	1	0	0
Tochigi	2	4	0		1		3	1	3	3	1	3	3	1	0	0	3	1	0	1	1	1
Gunma	1	3	2		1		2	2	1	0	2	2	0	0	1	0	1	2	1	1	0	1
Saitama	5	4	5		7		4	6	2	2	5	3	5	3	1	4	2	3	2	4	7	3
Chiba	1	4	1		4		1	3	1	4	2	1	3	2	5	3	2	3	4	1	3	2
Tokyo	9	13	7		9		8	7	4	7	7	5	8	6	4	2	3	2	5	7	14	9
Kanagawa	8	10	14		9		10	9	9	15	6	7	9	12	10	1	10	7	5	6	3	5
Niigata	1	2	1		1		5	4	2	1	2	1	0	0	2	5	0	1	2	3	2	3
Toyama	2	0	0		0		0	1	0	0	1	0	1	3	1	0	2	2	0	2	1	1
Ishikawa	0	0	0		1		0	0	1	0	0	0	0	1	1	0	1	1	0	0	2	0
Fukui	2	0	0		0		0	0	2	0	0	0	0	1	0	1	0	0	1	1	1	0
Yamanashi	0	2	0		1		1	0	0	0	1	1	1	1	0	2	0	0	0	0	0	0
Nagano	3	1	1		2		1	0	2	1	2	0	1	1	0	3	2	4	2	1	0	0
Gifu	1	1	1		2		0	1	0	0	1	1	0	0	0	0	2	0	1	2	2	1
Shizuoka	4	1	2		3		2	3	3	4	1	2	1	0	1	3	0	1	3	5	3	3
Aichi	3	3	0		3		4	4	3	5	1	0	4	4	3	2	3	3	13	4	5	5
Mie	2	0	1		0		1	1	0	1	0	0	0	0	0	1	0	0	0	3	1	1
Shiga	1	0	0		0		0	1	2	0	1	0	2	1	2	0	2	0	0	0	0	0
Kyoto	2	4	0		1		6	3	4	2	2	2	1	2	5	1	1	1	2	1	2	1
Osaka	4	3	7		3		3	2	8	1	0	3	1	1	4	7	2	3	4	5	4	6
Hyogo	4	4	1		0		1	4	3	5	2	2	1	2	2	0	5	4	3	0	3	3
Nara	0	0	1		3		0	2	0	1	2	1	0	1	0	0	0	0	1	0	0	0
Wakayama	0	2	1		0		2	1	2	1	0	1	0	0	0	0	1	1	0	0	0	2
Tottori	1	0	0		1		0	1	1	1	0	0	0	1	0	1	0	2	0	1	1	2

construction machine	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
conveying machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vehicle	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other equipments, facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
temporary buildings, establishments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
hazards, harmful substances	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural environment	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	0	0	0	0	1	0	1	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0

Oita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miyazaki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagoshima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okinawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0	0	0	1	1	0	0	0

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