

Industrial accidents in other transportation service in Japan in 1999-2020

other transportation service industry Code No.0404

Type of accidents in other transportation service 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	17	11	11	11	21	26	17	20	9	31	18	7	13	16	16	24	19	14	16	10	13	16
falling to same level	13	10	13	8	22	14	13	21	14	14	10	17	21	14	11	10	15	16	20	22	22	12
crash	5	5	6	7	7	4	5	8	9	2	3	3	3	2	4	6	3	1	4	8	7	6
struck by flying or falling object	3	1	6	1	3	5	3	1	2	0	2	5	0	1	2	2	3	5	2	3	2	6
collapse	0	1	0	-	2	3	0	0	3	2	1	1	0	0	1	3	1	1	1	0	4	0
crashed by	0	6	2	2	1	1	2	2	9	8	3	10	4	5	3	5	3	2	3	1	4	5
caught in/between	11	18	10	12	15	11	10	9	9	10	9	4	5	10	6	7	11	6	7	6	3	8
cut	3	2	0	3	2	0	2	6	2	0	2	1	5	0	1	3	0	1	3	1	0	0
injury to the sole of the foot	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
drown	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	2	2	0	0
contact to harmful substance	0	0	0	-	0	-	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
electric shock	0	0	0	-	0	-	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
explosion	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
burst	0	0	0	-	0	-	0	0	1	0	0	0	0	0	0	0	0	0	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)	6	6	9	10	11	10	7	8	10	4	5	13	17	11	13	12	15	14	1	4	12	4
traffic accident (others)	1	0	0	1	0	2	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	1
reaction to motion/improper motion	9	7	10	14	2	11	5	8	7	6	9	11	17	7	14	19	6	10	17	18	12	9
others	2	0	1	-	1	-	3	0	0	1	2	0	0	1	0	1	0	0	0	1	1	0

unclassifiable	1	0	1	-	0	-	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67

Causal agents (middle) of industrial accidents in other transportation service 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	1	0	0	0	0	0	0	0
power transmission mechanism	0	1	1	-	2	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
woodworking machine	1	1	0	-	0	-	1	0	1	0	0	0	3	0	0	0	0	0	1	0	0	0
construction machine	0	0	0	-	0	-	1	2	3	0	1	0	0	1	2	1	1	0	0	1	1	0
metal manufacturing machine	0	0	0	-	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
general machine	0	0	0	1	0	-	1	1	0	0	1	1	0	2	0	0	1	1	0	1	0	0
mobile silviculture machine																	0	0	0	0	0	0
crane	3	3	0	3	7	2	2	1	1	1	1	0	2	1	3	0	0	0	0	1	0	1
conveying machine	12	19	16	19	16	18	19	23	19	24	15	10	17	15	17	24	13	15	12	11	14	16
vehicle	11	9	10	12	11	11	11	15	19	7	9	24	17	11	12	14	16	13	3	6	14	7
pressure vessel	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
chemical facilities	0	0	0	-	0	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	-	0	-	1	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	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
human power machine, tools	2	3	1	4	3	1	0	3	0	4	3	4	4	0	2	8	2	2	2	3	1	2
tools	2	4	7	7	4	13	3	4	9	5	3	3	3	3	6	7	9	4	5	6	7	7
other equipments, facilities	1	0	1	4	0	1	3	1	1	5	3	0	1	1	0	0	0	1	0	3	0	1
temporary buildings,	19	12	14	9	25	20	16	19	11	17	16	15	16	17	17	13	19	18	31	25	25	21

establishments																						
hazards, harmful substances	0	0	0	-	0	-	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
materials	4	6	4	2	7	4	3	2	6	6	3	3	2	0	5	7	3	3	2	1	3	1
load	3	8	5	3	7	10	1	4	5	6	3	5	6	4	4	11	5	9	12	6	7	4
natural environment	2	0	2	3	2	1	2	4	1	1	2	3	6	5	2	1	3	2	6	7	0	0
other causal agent	5	0	3	-	1	2	1	3	0	0	1	1	0	2	0	1	1	2	1	0	0	0
no causal agent	6	2	4	3	2	2	2	0	1	2	4	1	7	5	2	5	3	2	1	5	8	5
unclassifiable	0	0	1	-	0	-	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67

Causal agents (small) of industrial accidents in other transportation service 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			0		0		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
power transmission mechanism			1		2		1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
circular sawing machine			0		0		1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	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			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other woodworking machines			0		0		0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0
leveling, transporting or loading machine			0		0		0	0	3	0	0	0	0	0	1	0	1	0	0	0	0	0
excavating machine			0		0		0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0

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	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	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	1	2	
human power hauling equipment			1	2	0	1	0	2	2	4	3	0	2	7	0	1	2	3	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	1	0	2	0	2	1	0	1	0	0	1	2	1	0	0	0	0	0	0
ladder			1	3	0	1	5	2	2	2	1	1	4	4	7	2	2	2	2	2	2	
slinging tool			1	0	1	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	
other tools			5	1	2	3	3	2	1	1	2	2	1	3	1	2	3	4	5	4		
other equipment, facilities			1	0	3	1	1	5	3	0	1	1	0	0	0	1	0	3	0	1		
scaffolding			0	0	0	0	0	0	0	0	0	0	0	0	1	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			2	5	5	5	1	5	5	4	4	4	9	4	3	2	8	3	3	3		
opening			0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
roof, beam, haze, crossbeam, principal rafter			1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
working platform, boot board			1	3	0	6	1	2	1	3	3	0	0	2	1	2	7	3	1	6		
passage			9	12	8	2	6	4	4	6	5	7	4	5	7	9	12	12	14	6		
building, establishment			0	3	3	4	3	2	3	1	1	3	1	0	5	3	1	4	2	1		

19 years old or less	0	0	2	3	2	-	0	1	0	1	0	0	0	0	2	4	1	0	2	2	0	2
20-29	13	14	11	10	10	13	12	16	7	11	8	9	15	8	8	10	9	3	10	7	10	9
30-39	10	11	18	16	21	17	11	16	11	16	14	16	19	15	9	15	12	12	14	10	16	14
40-49	14	11	12	8	18	24	11	18	20	16	12	11	17	16	23	26	20	26	22	16	15	17
50-59	17	23	16	24	20	26	22	25	23	20	17	23	14	12	19	14	18	16	13	24	18	15
60 years old or more	17	9	10	9	16	8	13	7	16	16	15	14	20	16	12	23	17	15	15	17	21	10
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67

Workers' number of workplace of industrial accidents in other transportation service 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	17	18	21	8	14	17	15	16	22	19	13	12	20	15	14	24	19	15	8	14	12	14
10-29	19	23	25	19	25	34	24	26	23	23	23	23	21	19	27	33	19	25	16	22	32	21
30-49	7	15	10	15	20	14	9	24	12	10	9	17	15	13	17	14	21	16	16	18	7	9
50-99	7	2	4	12	12	14	12	6	7	17	10	12	10	5	7	11	6	8	9	6	16	6
100-299	12	8	7	8	7	8	9	11	11	9	8	5	10	12	5	5	9	4	13	8	9	13
300 workers or more	9	2	2	8	9	1	0	0	2	2	3	4	9	3	3	5	3	4	14	8	4	4
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67

Month of industrial accidents in other transportation service 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	6	6	10	6	4	7	4	5	6	5	5	7	10	8	4	8	6	4	2	9	3	7
February	6	4	15	5	6	8	4	7	10	8	8	3	6	7	11	10	5	8	7	6	3	10
March	1	4	9	9	6	10	5	7	9	8	6	9	5	5	6	8	5	2	7	7	9	8
April	6	8	4	6	12	5	6	5	3	11	5	8	14	8	3	8	15	4	7	4	10	2
May	3	5	3	6	9	7	5	11	8	6	5	3	8	3	7	6	8	7	9	6	10	6
June	6	4	4	4	8	8	2	9	5	5	3	4	4	2	9	5	8	10	7	4	3	5
July	7	6	4	8	7	9	7	7	2	7	4	6	10	7	4	9	7	6	10	6	11	2
August	10	6	5	4	4	10	6	5	14	5	7	5	5	7	3	10	5	9	6	10	8	2
September	6	6	3	7	6	6	10	8	4	8	7	1	2	7	4	10	3	5	2	10	3	6
October	4	2	3	4	10	6	1	5	7	2	5	10	6	4	10	3	8	9	5	5	5	10
November	10	13	5	7	7	4	7	6	4	8	7	6	8	4	4	8	3	4	8	2	7	3
December	6	4	4	4	8	8	12	8	5	7	4	11	7	5	8	7	4	4	6	7	8	6

total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67
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Prefecture of industrial accidents in other transportation service 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	1	1	5		1		3	2	2	3	2	7	1	3	2	2	4	6	2	2	1	1
Aomori	0	2	0		1		0	2	1	0	0	2	0	0	0	0	1	0	0	0	0	0
Iwate	0	0	0		0		1	0	0	1	0	1	0	0	0	1	0	0	1	0	0	2
Miyagi	0	1	0		0		0	2	0	0	3	0	1	2	4	5	2	5	5	4	1	0
Akita	0	3	1		0		1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Yamagata	1	0	1		2		2	1	0	0	0	1	0	1	4	1	0	0	2	1	3	0
Fukushima	2	0	0		1		4	2	3	1	0	1	0	2	1	2	3	1	3	6	2	0
Ibaraki	0	0	0		2		0	1	2	2	0	3	6	4	5	3	2	1	0	3	2	0
Tochigi	0	0	1		0		0	0	1	0	1	2	0	0	0	1	2	1	0	0	1	0
Gunma	0	4	1		1		2	2	0	2	1	2	1	0	2	0	1	0	0	0	3	1
Saitama	3	5	4		4		5	5	5	5	9	3	5	4	9	4	6	5	1	2	2	4
Chiba	4	0	1		2		3	0	3	3	2	1	2	2	1	8	6	2	16	7	4	9
Tokyo	4	11	11		6		8	6	6	7	3	4	8	3	5	3	6	2	7	9	10	10
Kanagawa	3	1	4		3		9	5	7	12	8	8	4	6	8	6	3	5	1	2	3	4
Niigata	1	0	0		0		1	4	1	0	0	0	0	0	0	1	1	0	0	3	2	0
Toyama	1	0	1		2		3	1	1	1	1	3	1	0	2	2	2	1	2	2	0	0
Ishikawa	3	0	0		0		0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2
Fukui	0	0	0		0		0	0	1	1	0	0	1	0	0	0	0	0	1	0	0	0
Yamanashi	0	0	0		1		0	2	2	1	0	0	1	0	0	0	0	0	0	1	0	2
Nagano	2	2	0		5		2	3	1	0	1	0	0	0	0	0	1	1	1	1	1	2
Gifu	2	2	0		0		2	3	3	1	0	0	1	1	1	0	1	0	0	0	0	0
Shizuoka	2	1	6		11		1	1	1	1	3	3	3	2	0	0	0	3	3	0	3	0
Aichi	5	7	11		4		4	3	7	7	4	1	11	3	2	7	3	2	3	7	9	4
Mie	0	0	0		0		0	0	0	0	0	0	0	0	0	0	1	1	2	0	1	0
Shiga	0	0	0		0		1	0	2	0	2	5	12	4	0	0	0	0	1	3	1	2
Kyoto	0	0	1		2		1	2	0	1	3	2	0	3	0	1	1	1	1	1	0	0
Osaka	17	11	9		19		7	13	5	4	7	5	2	5	4	8	5	8	5	3	12	4
Hyogo	5	2	0		3		0	5	1	3	2	1	9	8	7	8	6	8	4	1	7	3
Nara	4	2	1		0		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Wakayama	0	0	0		0		0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	1
Tottori	1	1	1		1		0	0	1	1	0	0	0	0	1	0	1	0	1	0	0	0

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	1	0	0	0	0	0	0	0	0	0	0	0	0
conveying machine	0	0	1	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
vehicle	1	0	0	1	0	1	1	0	1	0	0	1	0	1	0	0	0	1	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0
temporary buildings, establishments	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	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	1	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	0	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	1	0	1	1	1	3	2	0	1	3	0	1	0	1	1	0	0	1	0	0	1	0

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
machine/equipment as load	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	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	1	0	1	1	1	3	2	0	1	3	0	1	0	1	1	0	0	1	0	0	1	0

Workers age of fatal accidents in other transportation service 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-39	0	0	1	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
40-49	0	0	0	1	1	2	0	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0
50-59	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
60 years old or more	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
total	1	0	1	1	1	3	2	0	1	3	0	1	0	1	1	0	0	1	0	0	1	0

Workers' number of workplace of fatal accidents in other transportation service 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	0	0	1	1	1	1	1	0	0	2	0	0	0	0	1	0	0	0	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	1	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	1	0	1	1	1	3	2	0	1	3	0	1	0	1	1	0	0	1	0	0	1	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