

contact to harmful substance	15	28	19	27	17	16	19	13	15	26	16	19	12	16	17	11	14	11	14	16	16	24
electric shock	2	4	2	1	3	-	3	1	1	1	3	2	1	1	1	3	2	1	1	0	0	2
explosion	5	4	2	1	5	4	4	5	5	4	2	4	3	0	0	1	2	0	4	1	5	2
burst	5	9	16	3	9	11	9	9	11	4	2	5	3	5	4	8	3	5	3	2	5	6
fire	3	10	4	2	4	5	4	4	3	2	2	1	0	2	2	4	4	0	1	1	1	1
traffic accident (public road)	1,479	1,495	1,479	1,309	1,309	1,301	1,235	1,182	1,125	996	840	904	959	933	963	944	878	818	821	793	755	708
traffic accident (others)	14	15	9	4	3	7	6	6	11	5	3	3	7	10	6	9	11	6	7	7	8	5
reaction to motion/improper motion	1,609	1,591	1,608	1,567	1,582	1,578	1,529	1,657	1,694	1,762	1,596	1,595	1,699	1,623	1,612	1,591	1,634	1,721	1,833	2,039	2,034	2,226
others	37	47	41	41	45	68	49	46	48	59	66	54	87	54	54	41	67	59	66	68	72	204
unclassifiable	18	14	28	24	29	14	24	26	28	27	14	11	23	30	20	25	20	20	25	21	18	10
total	13,514	14,048	14,424	13,252	13,357	13,533	12,999	13,482	13,362	13,232	11,465	11,916	12,107	11,936	12,221	12,194	11,911	11,943	12,525	13,529	13,034	13,292

Causal agents (middle) of industrial accidents in general truck 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	3	2	1	2	0	1	0	1	1	0	0	1	0	1	3	1	2	0	2	2	2	0
power transmission	8	5	7	4	4	4	6	7	6	2	7	6	6	4	6	7	9	6	1	1	7	3

mechanism																						
woodworking machine	25	26	22	25	19	20	15	15	14	26	15	14	13	14	15	10	8	13	11	6	6	10
construction machine	62	45	56	52	57	42	29	45	49	31	41	39	41	38	34	42	33	42	36	35	24	33
metal manufacturing machine	11	15	20	8	22	13	9	9	8	14	11	10	14	10	12	6	15	10	10	10	5	8
general machine	46	53	46	52	38	54	39	44	53	47	39	27	24	34	39	29	26	24	33	43	35	33
mobile silviculture machine																	1	2	2	2	1	0
crane	326	295	288	280	309	290	273	252	244	225	166	189	175	162	195	192	174	187	172	182	184	154
conveying machine	6,279	6,641	6,717	6,204	6,264	6,248	5,995	6,002	5,829	5,601	4,877	5,132	5,214	5,126	5,311	5,193	5,183	4,991	5,202	5,370	5,205	5,166
vehicle	348	299	307	313	298	344	359	400	437	378	349	313	331	343	319	360	321	314	364	366	349	294
pressure vessel	12	13	19	13	13	12	7	5	7	3	6	7	5	7	6	4	8	5	5	2	5	2
chemical facilities	1	0	3	1	0	1	1	4	1	0	0	3	2	1	0	2	3	2	0	4	0	1
welding equipment	3	2	2	4	0	3	3	0	7	3	2	1	1	2	0	2	2	0	2	4	1	1
kiln, caldron	0	1	0	2	1	-	1	0	1	0	1	0	1	2	0	0	0	0	0	0	1	0
electric	11	12	4	4	7	2	3	7	4	3	4	6	5	8	3	6	4	8	5	7	8	5

equipment																						
human power machine, tools	512	536	570	595	561	623	580	647	735	818	648	728	709	770	786	789	760	924	890	955	994	1,037
tools	654	673	730	704	695	700	707	789	807	820	681	658	678	679	702	730	741	711	746	796	847	822
other equipments, facilities	102	104	120	78	84	105	94	140	130	136	127	140	119	136	110	104	112	105	111	152	125	145
temporary buildings, establishments	1,499	1,666	1,741	1,557	1,648	1,810	1,664	1,742	1,733	1,857	1,715	1,787	1,731	1,747	1,764	1,870	1,809	1,925	2,079	2,419	2,225	2,388
hazards, harmful substances	27	38	30	29	22	19	25	31	23	42	19	18	24	16	21	18	19	16	20	13	21	38
materials	912	899	878	789	765	745	685	707	700	641	525	519	529	517	548	543	480	441	489	482	441	413
load	1,961	2,014	2,086	1,819	1,876	1,757	1,679	1,767	1,846	1,829	1,511	1,494	1,515	1,485	1,495	1,381	1,363	1,381	1,389	1,489	1,456	1,490
natural environment	162	180	243	171	175	193	203	224	166	219	165	247	396	265	307	332	246	280	313	496	301	334
other causal agent	120	128	114	87	96	106	108	98	94	99	75	52	80	78	94	83	99	82	92	108	92	220
no causal agent	404	380	393	430	374	420	492	519	431	403	458	515	470	456	426	464	475	460	528	568	683	684
unclassifiable	26	21	27	29	29	21	22	27	36	35	23	10	24	35	25	26	18	14	23	17	16	11
total	13,514	14,048	14,424	13,252	13,357	13,533	12,999	13,482	13,362	13,232	11,465	11,916	12,107	11,936	12,221	12,194	11,911	11,943	12,525	13,529	13,034	13,292

Causal agents (small) of industrial accidents in general truck 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			1		0		0	1	1	0	0	1	0	1	3	1	2	0	2	2	2	0
power transmission mechanism			7		4		6	7	6	2	7	6	6	4	6	7	9	6	1	1	7	3
circular sawing machine			17		16		10	6	7	19	7	11	7	9	9	6	6	8	8	1	4	7
band sawing machine			0		0		0	2	1	1	0	0	0	1	0	1	0	0	0	0	0	0
wood planer machine			0		0		0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	0
hollow chisel mortiser, wood borer			0		1		0	0	0	0	1	0	0	1	0	0	0	0	0	1	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			3		0		3	4	2	2	3	1	3	1	2	0	1	3	1	2	1	3
other woodworking machines			2		2		2	3	4	4	2	2	2	2	4	3	1	2	2	2	0	0
leveling, transporting or loading machine			14		18		12	10	20	7	13	8	6	12	16	12	12	12	17	10	10	10
excavating machine			27		21		14	18	12	14	16	18	22	16	10	18	10	15	10	15	8	11
foundation work machine			1		2		0	0	1	1	0	2	0	0	0	0	0	0	0	0	1	1
hardening machine			7		5		0	3	2	2	1	0	2	1	2	1	2	2	1	0	0	0
demolition machine			0		2		1	0	0	0	2	2	0	1	1	1	3	3	3	1	3	0
vehicle for high lift			0		2		0	1	2	2	2	3	2	1	1	2	2	5	2	2	1	5

industrial robot			0		0		0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
other general power machines			41		33		37	38	41	37	34	24	22	32	36	29	24	23	30	35	32	27
felling machine																0	1	1	1	1	1	0
mobile logging machine																1	0	1	1	0	0	0
skyline yarding machine																0	0	0	0	0	0	0
other mobile silviculture machine																0	1	0	0	0	0	0
crane			115		130		101	115	102	95	61	77	60	74	70	66	50	70	68	65	70	62
mobile crane			143		142		142	120	117	112	82	95	101	74	105	102	109	101	89	99	97	84
derrick crane			0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
elevator, lift			17		19		17	15	16	14	17	9	7	10	17	13	11	10	11	11	13	3
cargo lifting appliance			0		0		0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	2
gondola			0		0		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
lumberyard equipment, logging cableway			0		0		0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
simple skyline yarding equipment																0	0	0	0	0	0	0
other powered crane			13		17		13	2	9	4	5	8	5	3	3	11	4	5	4	7	3	2
truck			5,788		5,404		5,133	5,094	4,970	4,823	4,180	4,427	4,472	4,402	4,650	4,541	4,533	4,311	4,525	4,617	4,472	4,489
forklift			779		762		757	810	742	670	608	583	640	603	551	560	567	587	585	665	632	581

railway equipment			0		0		0	0	1	0	1	1	2	3	1	0	0	0	0	0	4	0
conveyor			117		76		74	66	82	76	61	71	63	78	83	65	47	64	62	64	70	65
loader			2		4		2	3	4	3	2	2	3	5	1	2	5	3	3	2	4	2
straddle carrier			0		0		0	3	1	0	0	0	0	2	0	1	1	0	3	0	0	0
rough terrain hauler			2		0		1	1	0	0	2	0	0	0	0	0	2	0	3	1	3	1
other powered conveying machines			29		18		28	25	29	29	23	48	34	33	25	24	28	26	21	21	20	28
cars, bus, motorcycle			296		286		343	388	423	359	341	299	319	324	306	330	305	300	357	360	343	289
railway vehicle			1		1		0	0	3	2	2	1	1	0	3	3	1	1	0	0	0	0
other vehicles			10		11		16	12	11	17	6	13	11	19	10	27	15	13	7	6	6	5
boiler			0		0		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
pressure vessel			4		0		0	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0
other pressure vessels			15		13		7	4	7	3	5	7	4	6	6	3	7	4	5	2	5	2
chemical facilities			3		0		1	4	1	0	0	3	2	1	0	2	3	2	0	4	0	1
gas welding equipment			1		0		3	0	4	2	1	1	1	0	0	1	1	0	2	2	1	0
arc welding equipment			1		0		0	0	3	0	1	0	0	1	0	1	1	0	0	2	0	0
other welding equipment			0		0		0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1
kiln, caldron			0		1		1	0	1	0	1	0	0	2	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0
transmission			0		2		2	1	0	0	2	1	3	6	2	3	1	4	3	3	4	3
electric power facilities			0		1		0	1	0	0	1	1	0	1	0	1	2	0	0	0	0	0

other electrical equipment			4	4		1	5	4	3	1	4	2	1	1	2	1	4	2	4	4	2
human power cranes			5	6		9	4	5	10	2	3	1	2	5	2	5	8	4	13	91	128
human power hauling equipment			443	471		480	552	657	723	565	655	613	676	695	710	693	839	824	879	824	836
human power machine			29	15		16	16	7	14	7	10	8	15	14	10	12	10	8	8	12	8
hand tool			93	69		75	75	66	71	74	60	87	77	72	67	50	67	54	55	67	65
ladder			158	154		184	174	198	205	185	210	195	169	216	204	219	188	217	235	262	291
slinging tool			55	59		71	56	49	48	32	39	30	48	43	37	37	23	33	29	25	27
other tools			517	482		452	559	560	567	464	409	453	462	443	489	485	500	496	532	560	504
other equipment, facilities			120	84		94	140	130	136	127	140	119	136	110	104	112	105	111	152	125	145
scaffolding			16	14		7	12	13	7	14	4	9	10	2	15	12	5	7	7	10	12
timbering			0	2		1	1	1	0	0	1	0	0	1	0	0	0	2	0	0	0
stairs, landing stage			280	280		256	278	320	346	333	313	306	294	321	379	345	369	431	470	442	498
opening			26	24		22	29	15	21	28	28	26	24	31	22	18	24	34	21	32	24
roof, beam, haze, crossbeam, principal rafter			15	6		7	16	14	11	13	10	14	16	7	7	5	8	8	8	12	8
working platform, boot board			273	234		254	255	257	263	240	255	232	222	245	253	243	243	247	263	252	253
passage			615	544		617	668	591	682	594	654	647	689	653	710	707	738	797	1,021	921	986
building, establishment			357	354		304	322	333	346	314	303	325	307	340	319	279	326	344	404	325	359

other temporary buildings, establishments			159		190		196	161	189	181	179	219	172	185	164	165	200	212	209	225	231	248
explosive substance			1		1		1	4	1	2	0	2	1	0	2	0	2	0	0	0	2	1
inflammable substance			5		3		3	4	6	3	3	2	3	2	3	4	5	1	2	2	4	5
inflammable gas			1		2		2	3	1	2	1	0	5	0	1	0	2	1	3	2	2	2
harmful substance			13		10		9	8	9	16	8	6	8	6	2	3	4	5	4	5	3	13
radiation			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances			10		6		10	12	6	19	7	8	7	8	13	11	6	9	11	4	10	17
metal material			463		377		346	346	334	320	250	236	226	233	272	249	222	221	243	241	215	173
lumber, bamboo			249		238		219	229	240	194	182	186	202	179	186	183	161	150	159	150	152	160
stone, sand, substance			39		26		22	19	22	19	12	11	10	13	14	25	14	7	14	18	14	14
other materials			127		124		98	113	104	108	81	86	91	92	76	86	83	63	73	73	60	66
load			1,972		1,778		1,592	1,648	1,736	1,706	1,414	1,393	1,433	1,404	1,404	1,306	1,292	1,307	1,320	1,425	1,388	1,422
machine/equipment as load			114		98		87	119	110	123	97	101	82	81	91	75	71	74	69	64	68	68
natural ground, rock			32		20		18	13	18	28	15	13	18	11	18	14	17	15	13	27	17	19
standing tree			5		7		4	4	8	4	8	8	10	5	5	2	5	1	8	2	5	6
water			5		9		7	9	5	6	6	4	145	10	6	10	9	11	6	9	6	8
abnormal environment			2		3		1	0	0	0	2	0	2	7	4	2	1	0	0	1	5	2
high/cold temperature environment			42		29		30	36	27	45	20	79	53	47	69	59	70	47	79	170	100	128
other environments			157		107		143	162	108	136	114	143	168	185	205	245	144	206	207	287	168	171

other causal agent			114	96	108	98	94	99	75	52	80	78	94	83	99	82	92	108	92	220
no causal agent			393	374	492	519	431	403	458	515	470	456	426	464	475	460	528	568	683	684
unclassifiable			27	29	22	27	36	35	23	10	24	35	25	26	18	14	23	17	16	11
total			14,424	13,357	12,999	13,482	13,362	13,232	11,465	11,916	12,107	11,936	12,221	12,194	11,911	11,943	12,525	13,529	13,034	13,292

Workers age of industrial accidents in general truck 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	117	140	147	119	90	110	111	121	116	125	81	103	84	88	112	125	105	129	132	132	163	139
20-29	3,209	3,095	2,924	2,428	2,231	2,099	1,821	1,742	1,662	1,556	1,239	1,171	1,084	1,039	1,020	972	917	884	1,017	1,148	1,078	1,184
30-39	3,645	3,981	4,252	3,937	4,262	4,233	4,010	4,003	3,846	3,816	3,020	3,050	2,922	2,693	2,479	2,314	2,100	2,028	1,992	2,006	1,811	1,751
40-49	3,007	3,045	3,057	2,838	2,907	3,039	3,053	3,408	3,461	3,421	3,332	3,626	3,869	4,013	4,155	4,192	4,099	4,084	4,049	4,202	3,837	3,751
50-59	3,033	3,202	3,360	3,250	3,120	3,216	3,106	3,265	3,165	3,054	2,636	2,682	2,768	2,722	2,947	3,072	3,136	3,113	3,551	3,915	4,001	4,211
60 years old or more	503	585	684	680	747	836	898	943	1,112	1,260	1,157	1,284	1,380	1,381	1,508	1,519	1,554	1,705	1,784	2,126	2,144	2,256
total	13,514	14,048	14,424	13,252	13,357	13,533	12,999	13,482	13,362	13,232	11,465	11,916	12,107	11,936	12,221	12,194	11,911	11,943	12,525	13,529	13,034	13,292

Workers' number of workplace of industrial accidents in general truck 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	1,669	1,815	1,793	1,689	1,706	1,737	1,617	1,644	1,616	1,606	1,332	1,342	1,390	1,402	1,259	1,314	1,217	1,224	1,261	1,256	1,254	1,175
10-29	4,771	4,928	5,126	4,874	4,640	4,707	4,580	4,694	4,518	4,420	3,918	3,988	4,133	3,993	4,038	4,115	3,840	3,824	3,929	4,076	3,736	3,908

30-49	2,984	3,146	3,165	2,799	2,967	2,962	2,834	2,943	2,867	2,860	2,486	2,607	2,591	2,505	2,753	2,617	2,731	2,678	2,814	3,031	3,002	3,112
50-99	2,437	2,431	2,546	2,323	2,319	2,346	2,324	2,381	2,369	2,307	1,966	2,137	2,187	2,212	2,286	2,252	2,236	2,273	2,421	2,797	2,678	2,667
100-299	1,487	1,538	1,580	1,385	1,528	1,550	1,422	1,573	1,611	1,603	1,382	1,472	1,458	1,475	1,489	1,496	1,524	1,485	1,613	1,870	1,847	1,865
300 workers or more	166	190	214	182	197	231	222	247	381	436	381	370	348	349	396	400	363	459	487	499	517	565
total	13,514	14,048	14,424	13,252	13,357	13,533	12,999	13,482	13,362	13,232	11,465	11,916	12,107	11,936	12,221	12,194	11,911	11,943	12,525	13,529	13,034	13,292

Month of industrial accidents in general truck 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	1,036	1,043	1,223	1,081	1,045	1,066	955	1,144	921	1,055	942	954	1,001	982	999	1,006	988	1,000	1,052	1,208	957	1,002
February	1,109	1,145	1,241	1,007	1,059	1,127	1,018	1,134	1,061	1,143	953	974	887	1,053	971	1,169	932	913	1,037	1,144	1,041	1,088
March	1,202	1,276	1,389	1,137	1,216	1,288	1,259	1,255	1,251	1,236	1,068	1,128	1,151	1,099	1,078	1,160	1,036	1,043	1,107	1,173	1,115	1,140
April	1,102	1,168	1,193	1,059	1,117	1,095	1,080	1,075	1,120	1,119	985	962	989	969	976	919	994	1,034	996	1,031	1,115	1,064
May	991	1,070	1,100	1,082	1,075	960	937	1,057	1,087	1,093	815	840	885	895	925	889	881	919	935	968	1,045	958
June	1,140	1,163	1,207	1,099	1,105	1,194	1,110	1,108	1,155	1,040	949	980	1,054	973	942	960	1,021	963	1,027	1,105	1,000	1,213
July	1,229	1,189	1,214	1,240	1,205	1,199	1,195	1,166	1,118	1,264	1,078	1,082	1,104	997	1,141	1,139	1,129	1,074	1,080	1,274	1,273	1,164
August	1,131	1,218	1,141	1,034	1,026	1,156	1,029	1,103	1,169	1,102	886	984	1,015	1,012	1,023	966	1,002	946	1,017	1,099	1,156	1,104
September	1,226	1,269	1,201	1,034	1,134	1,077	1,066	1,070	1,113	1,080	902	977	1,016	961	1,037	936	1,011	999	997	1,187	1,092	1,093
October	1,128	1,146	1,203	1,143	1,177	1,178	1,095	1,161	1,159	1,085	991	1,017	981	978	1,101	1,022	973	1,048	1,143	1,163	1,100	1,243
November	1,065	1,214	1,131	1,123	1,093	1,127	1,002	1,120	1,067	979	921	951	966	993	974	955	975	964	1,028	1,054	1,034	1,035
December	1,155	1,147	1,181	1,213	1,105	1,066	1,253	1,089	1,141	1,036	975	1,067	1,058	1,024	1,054	1,073	969	1,040	1,106	1,123	1,106	1,188
total	13,514	14,048	14,424	13,252	13,357	13,533	12,999	13,482	13,362	13,232	11,465	11,916	12,107	11,936	12,221	12,194	11,911	11,943	12,525	13,529	13,034	13,292

Nagano	116	114	140		139		127	97	138	144	100	110	112	112	103	143	121	129	147	169	148	143
Gifu	195	223	199		228		214	206	169	176	164	157	163	157	177	148	177	161	175	166	180	151
Shizuoka	496	570	508		485		447	492	501	491	406	490	422	429	415	446	421	451	428	435	436	464
Aichi	876	908	891		888		784	821	807	738	610	700	684	694	724	659	705	688	765	813	836	836
Mie	155	214	265		230		233	285	256	237	223	180	172	210	227	210	215	213	215	222	220	231
Shiga	162	144	157		162		138	148	131	160	119	130	130	149	145	138	121	144	115	145	120	127
Kyoto	237	272	247		206		247	228	233	206	206	172	221	194	222	234	251	229	246	265	214	267
Osaka	1,271	1,231	1,376		1,251		1,111	1,189	1,202	1,166	1,014	1,072	1,043	1,034	1,006	954	1,017	962	1,020	1,156	1,121	1,123
Hyogo	611	603	557		505		516	519	573	590	464	426	479	494	492	462	516	452	525	566	509	502
Nara	79	90	88		99		120	157	154	132	134	131	126	139	140	157	121	126	121	132	133	120
Wakayama	90	115	118		115		117	112	118	124	93	92	102	97	86	87	107	106	97	114	95	96
Tottori	45	62	28		48		53	33	48	28	40	45	49	34	31	45	34	44	43	63	46	39
Shimane	71	70	75		55		56	48	56	52	52	48	36	45	45	49	50	37	54	44	44	47
Okayama	216	219	247		231		212	215	261	268	210	207	250	263	262	242	255	242	273	314	284	266
Hiroshima	413	373	401		425		357	416	389	380	315	338	339	321	374	313	325	283	336	321	354	358
Yamaguchi	155	174	167		129		131	128	113	141	101	90	100	74	103	99	80	112	88	125	105	107
Tokushima	65	82	64		75		80	79	64	74	52	64	59	70	62	59	82	69	55	86	68	75
Kagawa	143	153	166		148		147	128	173	151	118	120	129	120	128	92	120	132	138	135	134	134
Ehime	191	190	182		185		158	202	201	170	147	183	151	151	142	151	148	156	165	146	156	150
Kochi	94	108	90		75		68	56	60	71	65	67	65	62	64	71	51	65	94	80	69	82
Fukuoka	730	676	727		743		611	665	635	622	544	612	579	565	558	598	547	601	603	642	631	674
Saga	120	128	127		129		139	123	132	115	96	122	111	115	149	148	128	104	116	123	149	147
Nagasaki	125	116	111		143		124	95	109	104	98	98	116	96	92	110	94	100	71	109	124	129

Kumamoto	190	222	194		187		180	231	190	209	167	158	165	148	179	154	142	162	159	189	175	169
Oita	120	115	100		107		102	96	102	95	89	87	79	73	71	81	56	80	68	102	92	96
Miyazaki	118	98	120		96		130	96	120	104	103	89	81	98	87	118	102	95	103	123	125	114
Kagoshima	193	205	194		182		219	201	207	188	153	168	172	162	178	183	171	165	154	182	175	183
Okinawa	17	38	17		27		39	19	32	33	32	47	45	41	55	42	53	59	80	59	69	81
total	13,514	14,048	14,424		13,357		12,999	13,482	13,362	13,232	11,465	11,916	12,107	11,936	12,221	12,194	11,911	11,943	12,525	13,529	13,034	13,292

Industrial accidents mean fatal and non-fatal injuries with work absence of 4 days and more. Data of 2011 year include Industrial accidents caused by Great East Japan Earthquake in 2011.

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

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 Fatal accidents in general truck transportation service in Japan in 1999-2020

general truck transportation service industry Code No.040301

Type of fatal accidents in general truck 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	15	22	18	10	17	20	19	13	14	11	13	11	16	7	9	17	17	5	15	11	16	16
falling to same level	1	3	1	1	3	1	0	2	2	0	2	2	2	2	1	1	0	2	0	1	1	0
crash	1	2	0	0	2	0	3	3	0	1	0	1	0	0	1	1	1	1	0	1	1	0
struck by flying or falling object	3	6	7	12	5	8	9	8	7	5	9	10	4	5	3	5	6	3	5	4	4	3

lathe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
drill press, milling machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
grinding machine, buffing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power press	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
forging pressure hammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
shearing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other metal manufacturing machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
centrifugal machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mixer, grinder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
roll machine (except printingroll machine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
injection molding machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
food manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
printing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
industrial robot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
other general power machines	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
felling machine																	0	0	0	0	0	0	0
mobile logging machine																	0	0	0	0	0	0	0
skyline yarding machine																	0	0	0	0	0	0	0
other mobile silviculture machine																	0	0	0	0	0	0	0
crane	1	0	0	2	1	1	0	1	1	3	0	0	0	0	0	2	1	1	0	0	0	0	2
mobile crane	2	3	3	4	1	4	5	4	2	3	2	3	3	1	1	2	2	1	3	2	3	1	1
derrick crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
elevator, lift	0	0	0	1	1	0	0	1	2	1	0	1	0	0	0	0	0	1	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	0
industrial dryer	0	0	0	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	0	0	0
transmission	0	0	0	0	0	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	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	0	0	0
human power cranes	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
human power hauling equipment	0	0	1	0	0	0	1	2	2	0	2	1	0	2	0	1	2	0	1	1	3	1	
human power machine	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hand tool	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ladder	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	0	0	0	2	0	0	0	1
slinging tool	1	2	2	4	0	3	2	2	0	2	1	0	0	5	0	1	1	2	1	1	0	0	
other tools	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	3	0	0	0	
other equipment, facilities	0	0	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	1	2	
scaffolding	0	0	0	0	0	0	0	0	0	1	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	0	0	0
stairs, landing stage	2	0	0	0	1	1	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	1	
opening	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
roof, beam, haze, crossbeam, principal rafter	1	2	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	1	0	0	0	0
working platform, boot board	0	0	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	
passage	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	
building, establishment	1	1	2	1	3	2	5	2	1	1	1	2	1	0	0	1	0	0	1	0	1	2	
other temporary buildings, establishments	1	2	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	

explosive substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
harmful substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
radiation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal material	1	0	3	1	0	2	0	1	1	0	2	4	0	2	0	0	1	1	0	0	0	0	0
lumber, bamboo	0	0	1	2	1	0	1	1	3	1	0	2	0	1	0	1	0	0	1	0	0	0	2
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	0
other materials	0	0	0	0	0	0	1	1	0	0	4	1	0	1	0	0	2	0	0	0	0	0	0
load	2	8	1	4	3	12	9	6	9	5	4	4	8	9	4	4	5	4	5	3	5	4	4
machine/equipment as load	3	1	1	0	2	1	1	0	1	0	2	2	0	0	0	0	3	0	0	0	0	0	1
natural ground, rock	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	1	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	0
water	1	0	0	0	0	1	1	1	0	0	0	0	135	1	0	0	2	0	0	0	1	0	0
abnormal environment	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0
high/cold temperature environment	0	0	0	0	0	0	2	0	0	0	0	2	1	0	1	0	1	0	0	3	2	1	1
other environments	1	2	0	0	1	0	1	2	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0
other causal agent	2	0	0	1	2	2	1	0	2	0	2	0	3	0	2	1	0	0	0	0	1	1	1
no causal agent	0	0	0	2	0	1	3	5	4	7	4	8	7	5	10	7	9	14	18	7	11	4	4
unclassifiable	1	0	0	1	0	0	1	0	1	1	1	2	2	1	1	1	0	1	1	2	0	0	0
total	247	242	214	213	208	211	223	176	177	132	108	138	251	126	105	120	110	91	119	87	91	73	73

Yamagata	1	4	2	4	4	3	3	1	2	2	2	1	0	1	0	4	1	1	0	0	0	0
Fukushima	4	6	5	8	2	3	1	6	7	7	4	3	11	2	4	6	2	0	0	1	0	4
Ibaraki	3	5	5	5	6	9	9	3	5	3	3	2	5	7	4	5	6	1	3	4	2	1
Tochigi	6	4	6	2	10	4	11	3	5	0	1	2	2	4	2	4	1	2	4	3	0	0
Gunma	2	5	3	3	5	7	5	8	7	4	3	1	2	2	0	3	0	2	3	1	5	2
Saitama	10	15	15	5	6	5	8	2	7	2	8	8	8	6	5	4	5	5	6	2	6	0
Chiba	5	7	8	10	12	2	8	3	7	4	2	6	2	8	9	4	1	5	5	3	6	3
Tokyo	8	3	7	6	7	9	7	10	7	6	1	5	3	8	2	8	3	3	5	5	4	5
Kanagawa	8	9	6	7	9	9	9	8	5	3	4	6	3	3	3	3	3	2	4	2	2	4
Niigata	6	5	5	4	3	4	2	2	3	3	1	2	2	1	2	3	2	3	2	1	1	3
Toyama	2	4	2	0	4	2	3	4	1	4	1	3	1	1	4	2	0	2	3	2	1	0
Ishikawa	6	1	0	2	5	2	7	0	3	1	3	0	6	0	1	1	2	0	0	2	0	1
Fukui	4	2	1	2	4	1	3	6	3	2	3	1	0	0	1	3	1	2	0	0	1	2
Yamanashi	2	2	0	1	0	1	0	1	1	1	1	2	0	1	1	1	2	0	1	0	0	0
Nagano	7	1	4	6	0	2	3	1	5	0	1	0	2	0	0	2	1	1	2	1	0	0
Gifu	4	4	7	1	4	2	6	5	1	3	3	2	1	4	1	3	2	1	2	0	2	0
Shizuoka	9	12	7	12	6	9	10	2	6	3	5	8	3	6	7	4	3	4	4	2	1	2
Aichi	22	19	16	13	18	10	12	11	5	12	13	9	11	8	9	4	7	5	5	4	4	5
Mie	1	2	4	4	3	6	3	4	1	1	1	1	0	1	2	1	1	4	0	2	3	3
Shiga	4	1	2	5	0	3	3	2	1	2	2	1	0	2	0	1	2	1	0	0	0	0
Kyoto	3	6	3	1	6	0	3	2	1	0	1	1	2	1	1	5	2	1	3	1	0	2
Osaka	20	18	15	18	9	14	13	12	14	7	10	9	5	8	8	9	7	8	11	6	10	7
Hyogo	11	16	4	8	4	9	12	9	7	7	2	6	3	4	5	3	11	2	4	7	5	3

Nara	2	4	2	2	2	3	4	5	2	0	0	2	1	3	2	2	1	2	2	2	0	0
Wakayama	1	4	3	3	4	2	0	0	0	1	0	2	1	1	0	0	3	1	1	0	1	0
Tottori	0	1	1	1	4	2	3	1	0	0	0	0	1	1	0	0	1	0	1	0	1	0
Shimane	0	2	4	2	1	1	1	1	0	2	3	1	1	0	1	0	0	0	0	0	2	0
Okayama	6	4	6	8	4	6	5	7	4	0	3	3	2	3	5	3	5	2	3	2	1	3
Hiroshima	13	6	5	3	5	14	8	11	6	4	2	4	6	4	2	1	2	2	4	2	6	0
Yamaguchi	3	4	2	3	0	6	4	0	2	1	1	2	2	0	1	3	0	3	0	1	1	0
Tokushima	0	2	2	1	1	1	3	1	0	0	1	0	0	0	0	0	2	1	0	1	1	1
Kagawa	2	3	4	2	3	0	1	0	1	2	2	1	1	2	0	2	0	0	3	3	3	0
Ehime	5	2	1	3	2	1	1	1	3	4	0	2	0	2	0	3	1	0	2	0	0	0
Kochi	1	2	1	2	0	1	0	1	1	0	1	1	0	1	2	0	1	0	0	1	1	2
Fukuoka	16	10	11	8	14	11	5	13	14	10	5	4	10	7	5	5	7	2	7	6	4	5
Saga	5	1	3	3	4	0	2	5	0	1	0	1	0	1	0	1	1	2	2	0	1	2
Nagasaki	2	0	5	0	1	4	2	2	2	3	0	1	1	1	1	0	1	2	1	1	1	0
Kumamoto	3	2	1	3	5	4	4	1	2	6	1	2	1	4	3	0	0	0	2	1	2	0
Oita	2	1	2	5	0	3	2	2	1	1	1	1	1	0	0	0	0	0	0	0	1	2
Miyazaki	1	3	4	2	3	0	3	1	1	0	0	3	0	2	0	0	1	1	3	2	0	3
Kagoshima	4	5	0	8	3	1	1	3	4	2	1	3	1	2	0	2	2	2	2	0	1	2
Okinawa	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	247	242	214	213	208	211	223	176	177	132	108	138	251	126	105	120	110	91	119	87	91	73

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

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