

Fatal and non-fatal accidents in general truck transportation service in Japan in 1999-2022

general truck transportation service industry Code No.040301

Type of accidents in general truck transportation service 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	3,799	3,984	4,208	3,822	3,887	3,908	3,835	3,849	3,904	3,868	3,397	3,422	3,395	3,417	3,550	3,598	3,533	3,494	3,713	3,950	3,833	3,851	4,004	3,815	90,036
falling to same level	1,273	1,391	1,547	1,369	1,426	1,492	1,470	1,618	1,553	1,684	1,468	1,591	1,651	1,637	1,727	1,797	1,719	1,674	1,856	2,197	2,013	2,114	2,300	2,418	40,985
crash	1,015	1,026	1,019	919	1,002	955	995	1,004	990	905	829	903	797	884	906	867	877	933	951	984	952	978	975	997	22,663
struck by flying or falling object	1,039	990	1,045	947	877	934	849	906	799	787	673	652	685	677	676	669	627	651	619	644	574	578	581	642	18,121
collapse	497	529	514	468	508	515	447	456	483	470	413	443	397	408	421	352	368	352	364	398	413	365	380	389	10,350
crashed by	689	687	685	710	625	719	672	761	784	724	544	578	605	613	597	634	601	616	653	658	668	627	632	704	15,786
caught in/between	1,776	1,928	1,874	1,778	1,764	1,766	1,604	1,692	1,657	1,655	1,383	1,471	1,425	1,396	1,387	1,411	1,323	1,349	1,356	1,395	1,382	1,303	1,311	1,429	36,815
cut	177	209	225	173	181	157	161	169	162	167	161	154	147	132	172	135	117	146	128	146	135	122	124	119	3,719
injury to the sole of the foot	16	27	27	14	24	27	20	25	30	16	12	12	16	17	18	23	22	20	19	24	21	18	16	17	481
drown				1	2	1	1	2		1	1	1	114	1			2				3				130
contact to high/low-temperature	46	60	72	72	55	55	63	51	59	69	40	91	81	80	88	71	87	67	91	185	126	148	86	148	1,991
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	16	19	416
electric shock	2	4	2	1	3		3	1	1	1	3	2	1	1	1	3	2	1	1			2	3	2	40
explosion	5	4	2	1	5	4	4	5	5	4	2	4	3			1	2		4	1	5	2	4	1	68
burst	5	9	16	3	9	11	9	9	11	4	2	5	3	5	4	8	3	5	3	2	5	6	5	7	149

fire	3	10	4	2	4	5	4	4	3	2	2	1		2	2	4	4		1	1	1	1	2	2	64
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	735	728	24,689
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	7	11	180
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	2,428	2,387	42,195
others	37	47	41	41	45	68	49	46	48	59	66	54	87	54	54	41	67	59	66	68	72	204	374	96	1,843
unclassifiable	18	14	28	24	29	14	24	26	28	27	14	11	23	30	20	25	20	20	25	21	18	10	8	15	492
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	13,991	13,946	311,213

Causal agents (large) of fatal and non-fatal accidents in general truck transportation service 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	155	146	152	143	140	134	98	121	131	120	113	97	98	101	109	95	94	97	95	99	80	87	92	93	2,690
crane, conveying machine	6,953	7,235	7,312	6,797	6,871	6,882	6,627	6,654	6,510	6,204	5,392	5,634	5,720	5,631	5,825	5,745	5,678	5,492	5,738	5,918	5,738	5,614	5,848	5,760	147,778
other equipment	1,295	1,341	1,448	1,401	1,361	1,446	1,396	1,592	1,692	1,783	1,469	1,543	1,520	1,605	1,607	1,637	1,630	1,755	1,759	1,920	1,981	2,013	2,060	2,225	39,479
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	2,508	2,509	45,393
substance, material	939	937	908	818	787	764	710	738	723	683	544	537	553	533	569	561	499	457	509	495	462	451	430	491	15,098
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	1,507	1,549	39,139
environment	162	180	243	171	175	193	203	224	166	219	165	247	396	265	307	332	246	280	313	496	301	334	354	432	6,404
others	550	529	534	546	499	547	622	644	561	537	556	577	574	569	545	573	592	556	643	693	791	915	1,192	887	15,232
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	13,991	13,946	311,213

Causal agents (middle) of fatal and non-fatal accidents in general truck transportation service 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	3	2	1	2		1		1	1			1		1	3	1	2		2	2	2		2		27
power transmission mechanism	8	5	7	4	4	4	6	7	6	2	7	6	6	4	6	7	9	6	1	1	7	3	7	10	133
woodworking machine	25	26	22	25	19	20	15	15	14	26	15	14	13	14	15	10	8	13	11	6	6	10	8	3	353
construction machine	62	45	56	52	57	42	29	45	49	31	41	39	41	38	34	42	33	42	36	35	24	33	28	36	970
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	18	12	280
general machine	46	53	46	52	38	54	39	44	53	47	39	27	24	34	39	29	26	24	33	43	35	33	27	26	911
mobile silviculture machine																	1	2	2	2	1		2	6	16
crane	326	295	288	280	309	290	273	252	244	225	166	189	175	162	195	192	174	187	172	182	184	154	170	164	5,248
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	5,334	5,254	134,338
vehicle	348	299	307	313	298	344	359	400	437	378	349	313	331	343	319	360	321	314	364	366	349	294	344	342	8,192
pressure vessel	12	13	19	13	13	12	7	5	7	3	6	7	5	7	6	4	8	5	5	2	5	2	5	3	174
chemical facilities	1		3	1		1	1	4	1			3	2	1		2	3	2		4		1	8	3	41
welding equipment	3	2	2	4		3	3		7	3	2	1	1	2		2	2		2	4	1	1	2	3	50
kiln, caldron		1		2	1		1		1		1		1	2							1			2	13
electric equipment	11	12	4	4	7	2	3	7	4	3	4	6	5	8	3	6	4	8	5	7	8	5	14	10	150



machine							2	1	1				1		1									6	
wood planer machine										2		1								1				4	
hollow chisel mortiser, wood borer					1					1			1							1				4	
chamfering machine, router, woodworking milling machine																									
chain saw			3			3	4	2	2	3	1	3	1	2		1	3	1	2	1	3	1		36	
other woodworking machines			2		2		2	3	4	4	2	2	2	2	4	3	1	2	2	2			6	1	46
leveling, transporting or loading machine			14		18		12	10	20	7	13	8	6	12	16	12	12	12	17	10	10	10	9	12	240
excavating machine			27		21		14	18	12	14	16	18	22	16	10	18	10	15	10	15	8	11	10	13	298
foundation work machine			1		2				1	1		2								1	1				9
hardening machine			7		5			3	2	2	1		2	1	2	1	2	2	1					1	32
demolition machine					2		1				2	2		1	1	1	3	3	3	1	3		2	2	27
vehicle for high lift work					2			1	2	2	2	3	2	1	1	2	2	5	2	2	1	5	4	3	42
other construction machines			7		7		2	13	12	5	7	6	9	7	4	8	4	5	3	7	1	6	3	5	121
lathe								1		1			1												3
drill press, milling machine			2		3		1	1	1	2		2							2	2		1	2	1	20

grinding machine, buffing machine		9	7	2	2	4	4	3	5	6	7	5	3	6	7	5	5	1	3	10	6	100
power press		2	1	2			1			1		1	1	1	1		1			2	1	15
forging pressure hammer			1																			1
shearing machine		1	1					1	1	2		1			1	1	1			1		11
other metal manufacturing machines		6	9	4	5	3	6	7	2	4	3	5	2	8	1	2	1	4	4	3	4	83
centrifugal machine						1																1
mixer, grinder		1	3	1	2	1	3		2	1		1		1		2	6	2	2			28
roll machine (except printingroll machine)		1	2		2	8	3	3	1		1	1			1	1			2	1		27
injection molding machine								1			1											2
food manufacturing machine		1		1		1	3	1				1					2		1		2	13
printing machine		2			2	1	1											1	1			8
industrial robot										1				1						1		3
other general power machines		41	33	37	38	41	37	34	24	22	32	36	29	24	23	30	35	32	27	25	24	624
felling machine															1	1	1	1		1	6	11
mobile logging machine														1		1	1			1		4
skyline yarding machine																						
other mobile															1							1



other vehicles			10		11		16	12	11	17	6	13	11	19	10	27	15	13	7	6	6	5	8	8	231
boiler											1														1
pressure vessel			4					1				1	1		1	1	1						1	1	12
other pressure vessels			15		13		7	4	7	3	5	7	4	6	6	3	7	4	5	2	5	2	4	2	111
chemical facilities			3				1	4	1			3	2	1		2	3	2		4		1	8	3	38
gas welding equipment			1				3		4	2	1	1	1			1	1		2	2	1		1	1	22
arc welding equipment			1						3		1			1		1	1			2				2	12
other welding equipment										1				1								1	1		4
kiln, caldron					1		1		1		1			2							1			2	9
industrial dryer																									
other kiln, caldron													1												1
transmission					2		2	1			2	1	3	6	2	3	1	4	3	3	4	3	7	8	55
electric power facilities					1			1			1	1		1		1	2						2	2	12
other electrical equipment			4		4		1	5	4	3	1	4	2	1	1	2	1	4	2	4	4	2	5		54
human power cranes			5		6		9	4	5	10	2	3	1	2	5	2	5	8	4	13	91	128	186	318	807
human power hauling equipment			443		471		480	552	657	723	565	655	613	676	695	710	693	839	824	879	824	836	771	770	13,676
human power machine			29		15		16	16	7	14	7	10	8	15	14	10	12	10	8	8	12	8	12	7	238
hand tool			93		69		75	75	66	71	74	60	87	77	72	67	50	67	54	55	67	65	68	53	1,365
ladder			158		154		184	174	198	205	185	210	195	169	216	204	219	188	217	235	262	291	274	299	4,237



slinging tool			55		59		71	56	49	48	32	39	30	48	43	37	37	23	33	29	25	27	31	26	798
other tools			517		482		452	559	560	567	464	409	453	462	443	489	485	500	496	532	560	504	548	563	10,045
other equipment, facilities			120		84		94	140	130	136	127	140	119	136	110	104	112	105	111	152	125	145	141	168	2,499
scaffolding			16		14		7	12	13	7	14	4	9	10	2	15	12	5	7	7	10	12	6	13	195
timbering					2		1	1	1			1			1				2					1	10
stairs, landing stage			280		280		256	278	320	346	333	313	306	294	321	379	345	369	431	470	442	498	507	489	7,257
opening			26		24		22	29	15	21	28	28	26	24	31	22	18	24	34	21	32	24	28	27	504
roof, beam, haze, crossbeam, principal rafter			15		6		7	16	14	11	13	10	14	16	7	7	5	8	8	8	12	8	4	3	192
working platform, boot board			273		234		254	255	257	263	240	255	232	222	245	253	243	243	247	263	252	253	273	248	5,005
passage			615		544		617	668	591	682	594	654	647	689	653	710	707	738	797	1,021	921	986	1,098	1,126	15,058
building, establishment			357		354		304	322	333	346	314	303	325	307	340	319	279	326	344	404	325	359	366	350	6,677
other temporary buildings, establishments			159		190		196	161	189	181	179	219	172	185	164	165	200	212	209	225	231	248	226	252	3,963
explosive substance			1		1		1	4	1	2		2	1		2		2				2	1			20
inflammable substance			5		3		3	4	6	3	3	2	3	2	3	4	5	1	2	2	4	5	5	7	72
inflammable gas			1		2		2	3	1	2	1		5		1		2	1	3	2	2	2		2	32
harmful substance			13		10		9	8	9	16	8	6	8	6	2	3	4	5	4	5	3	13	6	6	144
radiation																									
other hazards, harmful substances			10		6		10	12	6	19	7	8	7	8	13	11	6	9	11	4	10	17	9	12	195
metal material			463		377		346	346	334	320	250	236	226	233	272	249	222	221	243	241	215	173	181	224	5,372

lumber, bamboo			249		238		219	229	240	194	182	186	202	179	186	183	161	150	159	150	152	160	134	154	3,707
stone, sand, substance			39		26		22	19	22	19	12	11	10	13	14	25	14	7	14	18	14	14	10	12	335
other materials			127		124		98	113	104	108	81	86	91	92	76	86	83	63	73	73	60	66	85	74	1,763
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	1,438	1,487	29,865
machine/equipment as load			114		98		87	119	110	123	97	101	82	81	91	75	71	74	69	64	68	68	69	62	1,723
natural ground, rock			32		20		18	13	18	28	15	13	18	11	18	14	17	15	13	27	17	19	9	12	347
standing tree			5		7		4	4	8	4	8	8	10	5	5	2	5	1	8	2	5	6	9	4	110
water			5		9		7	9	5	6	6	4	145	10	6	10	9	11	6	9	6	8	5	3	279
abnormal environment			2		3		1				2		2	7	4	2	1			1	5	2	2		34
high/cold temperature environment			42		29		30	36	27	45	20	79	53	47	69	59	70	47	79	170	100	128	69	136	1,335
other environments			157		107		143	162	108	136	114	143	168	185	205	245	144	206	207	287	168	171	260	277	3,593
other causal agent			114		96		108	98	94	99	75	52	80	78	94	83	99	82	92	108	92	220	369	123	2,256
no causal agent			393		374		492	519	431	403	458	515	470	456	426	464	475	460	528	568	683	684	810	754	10,363
unclassifiable			27		29		22	27	36	35	23	10	24	35	25	26	18	14	23	17	16	11	13	10	441
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	13,991	13,946	311,213

Workers age of fatal and non-fatal accidents in general truck transportation service 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	117	140	147	119	90	110	111	121	116	125	81	103	84	88	112	125	105	129	132	132	163	139	168	138	2,895
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	1,366	1,255	38,141



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	1,132	1,160	25,800
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	1,186	1,222	27,962
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	1,229	1,178	25,726
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	1,153	1,180	25,811
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	1,087	1,086	26,408
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	1,069	1,028	24,868
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	1,297	1,245	26,711
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	13,991	13,946	311,213

Prefecture of fatal and non-fatal accidents in general truck transportation service 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	898	968	958		856		847	935	793	722	701	705	712	716	786	772	681	682	761	770	710	753	790	787	17,303
Aomori	120	114	143		112		98	77	131	113	101	95	103	118	110	103	105	105	105	122	110	120	138	113	2,456
Iwate	151	131	167		121		129	140	122	115	83	98	135	122	138	149	141	119	126	136	128	91	121	142	2,805
Miyagi	322	296	288		302		291	319	260	275	241	236	364	270	264	318	269	284	308	324	331	297	363	316	6,538
Akita	91	91	75		65		58	70	77	64	62	81	80	66	59	82	63	74	69	106	77	82	89	87	1,668
Yamagata	96	102	82		78		89	121	104	112	87	79	105	91	84	84	95	70	88	101	87	84	125	102	2,066
Fukushima	227	240	219		206		205	202	166	192	178	190	184	209	210	197	159	184	173	179	166	188	186	199	4,259
Ibaraki	337	373	366		335		347	375	348	350	278	331	386	310	348	326	323	315	330	338	303	325	370	344	7,458
Tochigi	226	214	230		208		190	182	202	197	199	181	151	185	171	176	172	155	168	198	182	207	227	219	4,240
Gunma	259	288	297		281		288	289	290	267	233	250	255	228	225	249	231	266	246	268	266	280	297	278	5,831
Saitama	650	667	802		779		816	878	903	855	820	814	828	848	831	863	931	903	902	990	1,012	1,020	1,085	1,150	19,347
Chiba	506	578	683		530		580	589	596	654	580	589	591	578	611	621	602	599	606	652	636	755	734	721	13,591
Tokyo	1,010	1,019	1,097		932		920	934	881	978	843	870	827	873	867	787	760	823	844	900	887	819	917	900	19,688
Kanagawa	642	730	677		626		652	654	734	774	625	634	627	638	623	699	654	653	705	748	714	731	760	846	15,146
Niigata	227	245	261		209		208	219	196	196	189	232	228	210	224	214	188	216	213	276	215	218	314	269	4,967



Nagasaki	125	116	111		143		124	95	109	104	98	98	116	96	92	110	94	100	71	109	124	129	111	117	2,392
Kumamoto	190	222	194		187		180	231	190	209	167	158	165	148	179	154	142	162	159	189	175	169	143	168	3,881
Oita	120	115	100		107		102	96	102	95	89	87	79	73	71	81	56	80	68	102	92	96	94	91	1,996
Miyazaki	118	98	120		96		130	96	120	104	103	89	81	98	87	118	102	95	103	123	125	114	133	129	2,382
Kagoshima	193	205	194		182		219	201	207	188	153	168	172	162	178	183	171	165	154	182	175	183	189	175	3,999
Okinawa	17	38	17		27		39	19	32	33	32	47	45	41	55	42	53	59	80	59	69	81	73	57	1,015
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	13,991	13,946	311,213

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.

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

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Fatal accidents in general truck transportation service in Japan in 1999-2022

general truck transportation service industry Code No.040301

Type of fatal accidents in general truck transportation service 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	15	22	18	10	17	20	19	13	14	11	13	11	16	7	9	17	17	5	15	11	16	16	12	18	342
falling to same level	1	3	1	1	3	1		2	2		2	2	2	2	1	1		2		1	1		3	1	32
crash	1	2			2		3	3		1		1			1	1	1	1		1	1				19
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	5	6	142
collapse	6	6	1	5	4	10	10	7	8	3	3	6	4	9	3	5	7	4	6	2	4	3	1	4	121
crashed by	7	3	3	4	4	4	2	11	6	6	3	4	3	8	5	12	2	2	4	3	5	6	5	2	114

caught in/between	16	17	17	17	18	15	11	9	16	17	4	9	13	15	9	10	9	6	15	9	6	13	9	9	289
cut										1															1
injury to the sole of the foot																									
drown	1				2	1	1	2			1		114	1			2				1				126
contact to high/low-temperature							2					2			1		1			3	2		1	1	13
contact to harmful substance				1								1	1	1			1					1			6
electric shock							1																		1
explosion					1						1														2
burst	1						2					1				1						1	1		7
fire								1		1															2
traffic accident (public road)	194	181	166	160	151	147	160	115	117	79	63	82	60	71	61	58	55	55	55	44	39	24	36	31	2,204
traffic accident (others)	1		1								1					1						1			5
reaction to motion/improper motion																									
others	1	2		2	2	4	3	5	6	7	7	9	33	6	11	8	9	12	18	8	12	5	16	6	192
unclassifiable				1					1	1	1		1	1	1	1		1	1	1					11
total	247	242	214	213	208	211	223	176	177	132	108	138	251	126	105	120	110	91	119	87	91	73	89	78	3,629

Causal agents (large) of fatal accidents in general truck transportation service 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	4	6	4	4	5	2	1	1	1	2	2		1	2	1	1	3		4	1	1	1	1	4	52
crane, conveying machine	225	216	193	189	187	180	192	149	147	110	80	108	88	93	83	99	77	68	79	65	64	51	57	57	2,857
other equipment	1	3	6	6	1	4	3	5	5	2	4	2	1	8	1	3	4	2	8	3	4	4	5	5	90
temporary buildings, establishments	5	6	4	2	5	5	6	3	3	4	2	2	3	2	1	2	2	1	3	3	2	3	2	3	74
substance, material	1		4	3	1	3	2	4	4	1	6	7		4		1	3	1	1			3	2		51
load	5	9	2	4	5	13	10	6	10	5	6	6	8	9	4	4	8	4	5	3	5	5	4	2	142

environment	3	2	1	1	2	1	4	3			1	3	138	2	2	1	4			3	3	1	3	1	179
others	3			4	2	3	5	5	7	8	7	10	12	6	13	9	9	15	19	9	12	5	15	6	184
total	247	242	214	213	208	211	223	176	177	132	108	138	251	126	105	120	110	91	119	87	91	73	89	78	3,629

Causal agents (middle) of fatal accidents in general truck transportation service 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																										
power transmission mechanism																										
woodworking machine										1															1	
construction machine	3	5	4	2	5	2	1	1	1	1	2		1	2	1	1	2		4	1	1	1		3	44	
metal manufacturing machine																										
general machine	1	1		2												1							1		6	
mobile silviculture machine																								1	1	
crane	3	3	3	7	3	5	6	6	5	7	2	4	3	1	2	4	3	3	3	2	3	3	3	3	3	87
conveying machine	215	200	174	171	176	166	178	133	136	94	75	99	81	89	79	92	67	62	71	55	57	47	51	50	2,618	
vehicle	7	13	16	11	8	9	8	10	6	9	3	5	4	3	2	3	7	3	5	8	4	1	3	4	152	
pressure vessel															1	1									2	
chemical facilities																										
welding equipment																										
kiln, caldron																										
electric equipment																										
human power machine, tools		1	2	1			1	3	2		2	1		2		1	2		1	2	3	1	1	1	27	
tools	1	2	3	4		4	2	2	3	2	1	1	1	5		2	1	2	6	1		1	3	4	51	
other equipments, facilities			1	1	1						1			1					1		1	2	1		10	
temporary buildings, establishments	5	6	4	2	5	5	6	3	3	4	2	2	3	2	1	2	2	1	3	3	2	3	2	3	74	
hazards, harmful substances						1		1														1			3	













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	37	31	37	34	31	32	41	36	37	19	15	22	44	27	13	14	20	19	20	19	18	14	18	14	612
10-29	103	100	90	95	93	82	86	60	65	48	43	56	102	49	37	56	50	32	47	33	34	29	35	30	1,455
30-49	59	55	45	43	40	52	45	40	36	28	22	22	53	27	35	21	23	20	26	18	16	15	18	16	775
50-99	29	34	29	27	29	30	33	23	27	25	14	22	36	18	16	20	7	17	15	15	16	9	9	12	512
100-299	19	20	13	14	15	14	17	15	12	11	13	13	14	4	4	7	10	3	10	2	7	6	8	5	256
300 workers or more		2				1	1	2		1	1	3	2	1		2			1				1	1	19
total	247	242	214	213	208	211	223	176	177	132	108	138	251	126	105	120	110	91	119	87	91	73	89	78	3,629

Month of fatal accidents in general truck transportation service 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	16	20	14	17	18	14	10	8	12	8	11	13	8	9	9	14	8	7	14	4	8	7	13	8	270
February	20	17	20	13	17	14	14	12	14	10	7	11	7	13	9	11	8	8	13	7	9	10	8	11	283
March	23	25	20	16	19	13	24	14	17	8	8	12	150	15	9	19	10	4	10	12	3	6	8	7	452
April	11	15	21	18	12	20	15	17	15	12	9	10	11	12	7	6	10	11	10	7	8	5	6	4	272
May	19	15	19	20	9	13	9	16	12	17	8	9	6	10	8	9	5	12	4	8	5	4	11	5	253
June	23	16	16	26	15	25	24	13	15	15	8	7	12	8	9	8	8	6	10	5	9	8	5	2	293
July	22	28	20	14	15	16	26	18	20	13	6	22	10	15	10	5	9	7	5	9	11	5	8	7	321
August	20	21	22	9	14	20	24	13	18	8	11	15	4	9	9	10	5	3	13	5	7	3	11	8	282
September	15	27	19	17	19	21	23	16	14	5	9	7	11	12	4	11	11	6	6	7	12	6	4	8	290
October	23	18	12	24	21	21	15	13	13	13	10	12	13	8	11	9	16	9	10	11	11	3	5	6	307
November	25	21	14	17	29	15	12	16	10	8	9	10	8	7	12	9	12	8	7	7	5	6	7	5	279
December	30	19	17	22	20	19	27	20	17	15	12	10	11	8	8	9	8	10	17	5	3	10	3	7	327
total	247	242	214	213	208	211	223	176	177	132	108	138	251	126	105	120	110	91	119	87	91	73	89	78	3,629

Prefecture of fatal accidents in general truck transportation service 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	12	18	16	19	11	23	13	9	14	12	6	15	14	10	7	6	9	13	10	10	6	3	8	5	269
Aomori	6	2	1	2	7	1	2		1	2	3	3	3	2	1		1	2	4	1	1		1		47
Iwate	6	3	3	5		3	7	3	6	2		1	23		2	4	3	1	3	1	1		1	1	79
Miyagi	6	10	8	1	7	7	9	2	7	2	3	6	108	1	1	5	4		2	4	2	2	2	2	201
Akita	2	1	2			1	2	2	2			1	2	1	1						1				18
Yamagata	1	4	2	4	4	3	3	1	2	2	2	1		1		4	1	1							36
Fukushima	4	6	5	8	2	3	1	6	7	7	4	3	11	2	4	6	2			1		4		1	87
Ibaraki	3	5	5	5	6	9	9	3	5	3	3	2	5	7	4	5	6	1	3	4	2	1	1	4	101
Tochigi	6	4	6	2	10	4	11	3	5		1	2	2	4	2	4	1	2	4	3			6	5	87
Gunma	2	5	3	3	5	7	5	8	7	4	3	1	2	2		3		2	3	1	5	2	1		74
Saitama	10	15	15	5	6	5	8	2	7	2	8	8	8	6	5	4	5	5	6	2	6		9	5	152
Chiba	5	7	8	10	12	2	8	3	7	4	2	6	2	8	9	4	1	5	5	3	6	3	1	2	123
Tokyo	8	3	7	6	7	9	7	10	7	6	1	5	3	8	2	8	3	3	5	5	4	5	4	3	129
Kanagawa	8	9	6	7	9	9	9	8	5	3	4	6	3	3	3	3	3	2	4	2	2	4	2	3	117
Niigata	6	5	5	4	3	4	2	2	3	3	1	2	2	1	2	3	2	3	2	1	1	3	1	2	63
Toyama	2	4	2		4	2	3	4	1	4	1	3	1	1	4	2		2	3	2	1		2	3	51
Ishikawa	6	1		2	5	2	7		3	1	3		6		1	1	2			2		1		2	45
Fukui	4	2	1	2	4	1	3	6	3	2	3	1			1	3	1	2			1	2	2	1	45
Yamanashi	2	2		1		1		1	1	1	1	2		1	1	1	2		1				1	1	20
Nagano	7	1	4	6		2	3	1	5		1		2			2	1	1	2	1			4	1	44
Gifu	4	4	7	1	4	2	6	5	1	3	3	2	1	4	1	3	2	1	2		2		2	1	61
Shizuoka	9	12	7	12	6	9	10	2	6	3	5	8	3	6	7	4	3	4	4	2	1	2	1	2	128
Aichi	22	19	16	13	18	10	12	11	5	12	13	9	11	8	9	4	7	5	5	4	4	5	1	4	227
Mie	1	2	4	4	3	6	3	4	1	1	1	1		1	2	1	1	4		2	3	3	5		53
Shiga	4	1	2	5		3	3	2	1	2	2	1		2		1	2	1						2	34

Kyoto	3	6	3	1	6		3	2	1		1	1	2	1	1	5	2	1	3	1		2	2		47
Osaka	20	18	15	18	9	14	13	12	14	7	10	9	5	8	8	9	7	8	11	6	10	7	10	5	253
Hyogo	11	16	4	8	4	9	12	9	7	7	2	6	3	4	5	3	11	2	4	7	5	3	5	1	148
Nara	2	4	2	2	2	3	4	5	2			2	1	3	2	2	1	2	2	2			3		46
Wakayama	1	4	3	3	4	2				1		2	1	1			3	1	1		1		1	1	30
Tottori		1	1	1	4	2	3	1					1	1			1		1		1				18
Shimane		2	4	2	1	1	1	1		2	3	1	1		1						2				22
Okayama	6	4	6	8	4	6	5	7	4		3	3	2	3	5	3	5	2	3	2	1	3		1	86
Hiroshima	13	6	5	3	5	14	8	11	6	4	2	4	6	4	2	1	2	2	4	2	6			5	115
Yamaguchi	3	4	2	3		6	4		2	1	1	2	2		1	3		3		1	1		2	2	43
Tokushima		2	2	1	1	1	3	1			1						2	1		1	1	1	1	2	21
Kagawa	2	3	4	2	3		1		1	2	2	1	1	2		2			3	3	3		3		38
Ehime	5	2	1	3	2	1	1	1	3	4		2		2		3	1		2						33
Kochi	1	2	1	2		1		1	1		1	1		1	2		1			1	1	2			19
Fukuoka	16	10	11	8	14	11	5	13	14	10	5	4	10	7	5	5	7	2	7	6	4	5	2	3	184
Saga	5	1	3	3	4		2	5		1		1		1		1	1	2	2		1	2			35
Nagasaki	2		5		1	4	2	2	2	3		1	1	1	1		1	2	1	1	1			2	33
Kumamoto	3	2	1	3	5	4	4	1	2	6	1	2	1	4	3				2	1	2				47
Oita	2	1	2	5		3	2	2	1	1	1	1	1								1	2	2	1	28
Miyazaki	1	3	4	2	3		3	1	1			3		2			1	1	3	2		3	3	2	38
Kagoshima	4	5		8	3	1	1	3	4	2	1	3	1	2		2	2	2	2		1	2	1	2	52
Okinawa	1	1																							2
total	247	242	214	213	208	211	223	176	177	132	108	138	251	126	105	120	110	91	119	87	91	73	89	78	3,629

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