

substance	1	4	4		4	2		8	3	2	2	1	3	1	2	2			3	1	1	2	1	1	48
electric shock		1			1			1					1												4
explosion	1	2		2						1			1				1		1		1		1		11
burst	3	2	1	2	1	2	2			3	1			1		2					1			1	22
fire	1	1	1	1		1		1	1			1	2				1			1		1	1		14
traffic accident (public road)	1,215	1,169	1,130	1,002	1,009	982	1,045	994	957	1,015	1,020	1,038	1,056	999	1,110	1,185	1,200	1,198	1,113	1,011	915	727	691	731	24,512
traffic accident (others)	8	2	4	4	3	2	5	6	6		2	4	5	5	7	1	9	4	2	6	6	3		3	97
reaction to motion/improper motion	238	178	225	217	217	263	254	266	271	357	313	294	318	312	305	345	327	339	370	386	381	297	305	336	7,114
others	81	91	89	110	89	86	84	120	113	145	133	115	129	94	83	76	85	84	100	68	85	128	217	65	2,470
unclassifiable	52	65	43	62	61	52	33	47	41	41	31	24	21	28	37	28	19	34	16	19	7	13	12	13	799
total	2,396	2,301	2,366	2,183	2,299	2,303	2,377	2,390	2,296	2,496	2,455	2,492	2,555	2,481	2,594	2,708	2,654	2,702	2,616	2,716	2,489	2,156	2,270	2,254	58,549

Causal agents (large) of fatal and non-fatal accidents in road passenger transport 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	15	8	16	10	11	9	16	9	11	14	10	7	13	6	9	9	13	7	7	12	6	8	7	7	240
crane, conveying machine	1,462	1,406	1,374	1,255	1,272	1,248	1,327	1,290	1,235	1,311	1,302	1,344	1,331	1,302	1,393	1,442	1,488	1,481	1,399	1,356	1,230	1,002	960	998	31,208
other equipment	96	104	92	95	107	117	118	139	128	126	136	151	142	122	166	178	151	156	149	185	179	159	177	169	3,342

general machine	9	2	7	5	6	2	6	5	5	5	3	2	4	3	2	1	2	3	4	5	2	4	1		88
mobile silviculture machine																									
crane	4	1	1	2	3	4	1	2	1	2	3	4	1	2	5	4	5	1	1	4	2	2	1	2	58
conveying machine	63	70	60	60	62	64	54	50	50	53	53	56	44	57	43	50	63	48	46	57	52	29	44	40	1,268
vehicle	1,395	1,335	1,313	1,193	1,207	1,180	1,272	1,238	1,184	1,256	1,246	1,284	1,286	1,243	1,345	1,388	1,420	1,432	1,352	1,295	1,176	971	915	956	29,882
pressure vessel				2			1			1				1							1			1	7
chemical facilities												1			1	1									3
welding equipment	2	3		1						1		1	1	1			1				2				13
kiln, caldron		1					1		1										1						3
electric equipment	2	4				1	1			2			3	1	1	1		1		4	1	1			23
human power machine, tools	13	21	17	19	20	26	28	34	32	24	32	33	38	33	44	51	42	42	35	47	43	47	42	46	809
tools	68	67	54	63	74	74	75	84	71	72	81	96	81	67	87	105	91	86	98	107	106	91	113	101	2,012
other equipments, facilities	11	8	21	10	13	16	12	21	25	26	23	20	19	19	33	20	17	27	15	27	26	20	22	21	472
temporary buildings, establishments	397	369	434	388	466	460	479	454	448	500	484	487	510	544	510	545	517	550	538	633	566	513	546	582	11,920
hazards, harmful substances	3	12	11	3	5	6	2	10	9	3	5	3	6	2	3	1	1	1	3		2	3	1	3	98
materials	15	21	20	7	15	14	9	20	11	18	12	16	18	18	9	19	14	6	7	11	9	8	15	15	327

conveying machines			1		2				1		2	1	1	1		1	2	2	3	2	4		4	3	30
cars, bus, motorcycle			1,307		1,197		1,267	1,229	1,179	1,251	1,244	1,282	1,284	1,237	1,338	1,385	1,407	1,427	1,341	1,284	1,171	969	912	951	24,662
railway vehicle			2				2		1			1	1	2				1		1		1			12
other vehicles			4		10		5	7	5	4	2	2	1	5	5	3	13	5	10	11	4	2	2	5	105
boiler																					1				1
pressure vessel																									
other pressure vessels							1			1			1										1		4
chemical facilities												1			1	1									3
gas welding equipment												1		1			1				1				4
arc welding equipment										1			1								1				3
other welding equipment																									
kiln, caldron							1																		1
industrial dryer																									
other kiln, caldron																		1							1
transmission													3	1	1					4	1				10
electric power facilities																	1								1
other electrical							1			2						1						1			5

water			2		1		2	5	4	5		1	30			1	3	5	1	2	1	4			67
abnormal environment			2								1		1	4	1			1			1			1	12
high/cold temperature environment			14		4		3	2	5	6		6	6	6	7	6	3	6	5	9	9	7	6	4	114
other environments			76		73		93	79	72	87	83	101	113	121	139	173	97	118	110	155	94	83	98	140	2,105
other causal agent			108		110		125	119	120	141	115	106	117	100	108	89	101	111	106	61	87	122	213	81	2,240
no causal agent			116		126		127	140	127	166	184	183	164	168	157	150	168	141	204	177	206	188	207	172	3,271
unclassifiable			40		56		25	44	39	46	30	23	26	17	24	20	18	20	5	12	9	8	6	11	479
total	2,396	2,301	2,366	2,183	2,299	2,303	2,377	2,390	2,296	2,496	2,455	2,492	2,555	2,481	2,594	2,708	2,654	2,702	2,616	2,716	2,489	2,156	2,270	2,254	58,549

Workers age of fatal and non-fatal accidents in road passenger transport 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	18	13	19	16	16	9	13	13	7	9	4	6	9	8	12	10	8	15	6	8	1	4	5	1	230
20-29	174	152	131	112	112	105	98	87	62	65	48	62	56	52	48	46	56	52	57	57	65	76	42	63	1,878
30-39	309	293	310	305	339	341	329	364	340	318	300	303	278	243	238	219	203	199	151	163	149	128	101	127	6,050
40-49	551	464	462	456	433	458	461	513	523	589	562	574	610	606	654	664	627	581	538	529	493	407	404	332	12,491
50-59	1,071	1,109	1,116	947	1,031	947	990	932	830	857	816	749	761	706	746	829	855	884	880	919	771	680	761	749	20,936
60 years old or more	273	270	328	347	368	443	486	481	534	658	725	798	841	866	896	940	905	971	984	1,040	1,010	861	957	982	16,964
total	2,396	2,301	2,366	2,183	2,299	2,303	2,377	2,390	2,296	2,496	2,455	2,492	2,555	2,481	2,594	2,708	2,654	2,702	2,616	2,716	2,489	2,156	2,270	2,254	58,549

Workers' number of workplace of fatal and non-fatal accidents in road passenger transport service in 1999-2022

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	80	67	60	52	65	74	52	58	60	70	57	68	65	59	62	54	61	54	73	80	68	50	61	50	1,500
10-29	125	121	106	141	120	135	145	136	135	163	124	137	162	152	142	143	159	161	173	177	151	133	143	156	3,440
30-49	147	162	157	145	164	142	166	186	163	192	183	186	183	206	178	195	179	185	176	230	191	178	209	203	4,306
50-99	430	458	457	425	454	417	448	429	437	447	457	470	498	463	500	466	477	539	532	556	494	399	448	459	11,160
100-299	1,177	1,116	1,211	1,072	1,150	1,144	1,174	1,207	1,137	1,178	1,248	1,308	1,343	1,288	1,343	1,519	1,400	1,454	1,339	1,367	1,310	1,110	1,162	1,106	29,863
300 workers or more	437	377	375	348	346	391	392	374	364	446	386	323	304	313	369	331	378	309	323	306	275	286	247	280	8,280
total	2,396	2,301	2,366	2,183	2,299	2,303	2,377	2,390	2,296	2,496	2,455	2,492	2,555	2,481	2,594	2,708	2,654	2,702	2,616	2,716	2,489	2,156	2,270	2,254	58,549

Month of fatal and non-fatal accidents in road passenger transport 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	226	217	288	257	275	268	242	276	200	235	287	288	314	278	319	296	278	333	288	375	259	239	276	320	6,634
February	260	256	248	182	233	226	235	265	207	273	226	249	252	303	255	342	261	222	232	250	210	251	205	213	5,856
March	223	203	218	180	211	203	221	216	229	217	228	224	246	195	221	256	242	264	213	273	235	241	201	191	5,351
April	213	181	193	171	177	174	177	194	196	196	197	191	202	196	225	170	211	265	200	215	200	134	169	184	4,631
May	180	184	188	157	168	180	186	193	202	188	222	187	203	175	205	186	199	176	184	166	197	111	169	142	4,348
June	184	202	194	185	163	198	181	198	190	189	175	212	179	174	177	221	188	193	189	190	192	154	144	158	4,430
July	200	179	173	173	177	160	187	203	167	212	182	189	188	204	191	196	231	201	183	205	202	177	186	165	4,531
August	167	164	170	171	168	169	176	159	179	194	186	208	204	198	179	204	194	200	215	202	203	184	196	180	4,470

September	161	175	179	172	194	177	163	164	164	164	156	175	207	185	187	181	207	205	204	228	144	157	143	164	4,256
October	197	173	153	166	179	195	180	188	188	215	183	191	173	176	220	215	209	206	232	187	223	157	164	152	4,522
November	170	172	173	179	163	155	154	156	180	176	173	173	174	183	192	185	213	207	220	202	212	153	198	157	4,320
December	215	195	189	190	191	198	275	178	194	237	240	205	213	214	223	256	221	230	256	223	212	198	219	228	5,200
total	2,396	2,301	2,366	2,183	2,299	2,303	2,377	2,390	2,296	2,496	2,455	2,492	2,555	2,481	2,594	2,708	2,654	2,702	2,616	2,716	2,489	2,156	2,270	2,254	58,549

Prefecture of fatal and non-fatal accidents in road passenger transport 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	254	257	285		246		260	238	214	245	222	210	214	221	218	242	216	227	233	218	200	175	191	217	5,003
Aomori	48	24	37		40		31	18	27	24	19	32	18	37	23	16	23	22	27	15	19	12	21	26	559
Iwate	11	21	21		15		20	18	20	17	7	19	33	16	13	21	14	10	13	17	13	9	18	24	370
Miyagi	19	23	44		36		42	36	36	31	47	36	58	57	46	43	40	52	47	36	43	29	49	34	884
Akita	9	10	11		11		8	14	11	17	13	15	12	21	7	14	11	12	7	13	8	8	13	11	256
Yamagata	12	5	14		10		11	6	2	14	6	7	10	11	6	7	4	5	10	6	5	8	8	9	176
Fukushima	20	14	24		9		21	18	14	16	17	16	14	21	28	27	17	18	21	20	20	13	17	18	403
Ibaraki	36	49	45		24		32	32	33	27	39	31	33	40	43	39	40	35	31	35	22	27	18	27	738
Tochigi	13	13	17		19		18	17	14	11	12	11	8	12	15	17	10	7	20	11	14	15	12	14	300
Gunma	28	18	25		23		16	24	18	11	15	12	9	9	16	22	13	22	11	5	13	11	10	8	339
Saitama	46	36	40		42		43	51	47	50	39	65	46	60	62	70	60	66	75	52	63	66	72	75	1,226
Chiba	47	61	66		63		63	56	77	76	84	78	96	91	66	99	88	91	74	84	111	83	80	92	1,726
Tokyo	455	420	441		401		397	447	437	530	568	494	560	489	589	612	630	649	607	644	587	544	512	570	11,583
Kanagawa	242	180	215		195		247	258	280	273	273	313	307	322	311	323	327	313	322	310	291	245	242	231	6,020

Niigata	20	34	26		32		31	35	25	42	32	34	23	37	31	24	26	27	32	27	22	16	18	21	615
Toyama	14	3	6		4		9	10	5	12	5	10	7	7	10	7	6	3	4	9	8	4	3	10	156
Ishikawa	10	10	11		13		11	13	18	13	9	15	22	14	11	9	13	4	12	17	13	8	13	10	269
Fukui	7	3	5		7		3	5	7	8	5	6	11	6	7	8	4	7	14	5	6	6	6	6	142
Yamanashi	9	4	8		4		6	8	3	9	5	6	2	4	5	6	6	2	2	6	5	2	1	4	107
Nagano	23	20	27		28		24	22	28	32	24	42	24	26	34	37	29	35	19	33	26	28	30	22	613
Gifu	22	16	9		22		30	21	16	20	20	25	16	17	14	23	14	20	25	30	21	16	16	10	423
Shizuoka	38	39	37		34		35	41	56	46	31	52	58	63	54	64	48	83	85	78	68	84	59	57	1,210
Aichi	93	118	113		85		105	110	126	105	135	116	112	123	137	129	138	102	109	117	114	95	105	105	2,492
Mie	16	20	20		22		20	24	18	17	21	28	22	20	21	15	15	21	12	30	17	20	10	10	419
Shiga	11	9	9		20		12	8	8	10	9	10	14	11	16	11	14	12	9	10	13	8	9	10	243
Kyoto	163	131	109		146		135	114	105	99	84	110	116	82	101	115	133	138	116	111	102	61	71	56	2,398
Osaka	203	212	179		195		195	195	167	193	202	194	211	175	214	210	205	201	173	232	185	162	187	166	4,256
Hyogo	103	116	103		84		94	120	90	104	69	87	78	92	93	101	106	101	93	108	96	93	80	67	2,078
Nara	17	20	23		22		27	19	9	15	20	7	18	14	16	14	23	28	20	22	21	18	9	17	399
Wakayama	31	30	22		13		19	17	14	24	16	13	12	16	14	11	12	11	16	16	13	3	10	4	337
Tottori	4	7	10		6		4	5	10	9	8	4	6	7	10	6	5	2	8	9	8	10	3	5	146
Shimane	1	11	9		12		6	5	8	13	6	4	12	16	11	8	4	10	9	9	8	3	14	5	184
Okayama	41	37	42		40		35	34	38	31	27	22	27	36	35	35	27	28	27	35	30	21	28	17	693
Hiroshima	67	57	49		46		47	60	53	38	70	51	40	42	60	38	55	51	49	52	39	38	61	67	1,130
Yamaguchi	13	7	10		20		22	7	5	15	9	17	15	12	13	11	18	6	10	15	16	10	11	11	273
Tokushima	9	5	9		10		5	5	5	2	6	9	7	8	7	6	4	6	8	6	7	6	5	5	140
Kagawa	9	17	10		8		6	10	8	9	4	7	6	11	7	5	5	9	10	6	7	5	5	4	168

Ehime	10	11	6		9		11	12	4	9	9	7	6	13	9	11	11	6	14	11	9	9	10	10	207
Kochi	14	14	17		17		14	23	9	11	16	16	12	15	5	7	10	10	18	16	9	11	3	11	278
Fukuoka	95	84	98		119		115	99	116	140	130	127	123	95	106	99	111	109	96	97	91	66	120	84	2,320
Saga	10	10	7		14		16	7	10	14	9	13	18	12	7	6	6	8	9	7	6	5	10	4	208
Nagasaki	9	22	7		26		15	24	19	23	23	28	24	21	28	30	24	28	27	29	23	20	24	31	505
Kumamoto	18	31	27		26		31	22	24	13	27	30	22	12	21	16	22	24	24	21	19	14	22	20	486
Oita	20	10	17		20		20	18	13	14	16	10	19	19	12	21	13	12	8	18	27	18	13	8	346
Miyazaki	14	23	17		9		16	18	17	21	14	15	10	10	8	21	17	17	18	21	24	17	14	18	359
Kagoshima	30	24	27		33		23	22	18	20	21	20	29	17	17	27	17	27	16	24	6	14	18	8	458
Okinawa	12	15	12		19		26	24	14	23	12	18	15	21	17	25	20	25	26	23	21	20	19	15	422
total	2,396	2,301	2,366	2,183	2,299	2,303	2,377	2,390	2,296	2,496	2,455	2,492	2,555	2,481	2,594	2,708	2,654	2,702	2,616	2,716	2,489	2,156	2,270	2,254	58,549

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)

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html

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Fatal accidents in road passenger transport service in Japan in 1999-2022

road passenger transport service industry Code No.0402

woodworking machine																									
construction machine																									
metal manufacturing machine																									
general machine																									
mobile silviculture machine																									
crane																									
conveying machine	5	4	3	1	3	3	1	2	1	3	1	1	1	1	1	1	2	2					1		37
vehicle	16	16	16	25	19	17	17	11	14	14	5	7	5	5	10	11	8	10	6	7	7	2	4	4	256
pressure vessel																									
chemical facilities																									
welding equipment																						1			1
kiln, caldron																									
electric equipment													1												1
human power machine, tools					1							1													2
tools		1	1						1								2				1				6
other equipments, facilities																									
temporary buildings, establishments	1		1			1		1		1			2		1			1	1		2		2		14
hazards, harmful substances													1												1
materials																									
load																									
natural environment										1		1	28	1								1			32
other causal agent	1	2		3	1	1	3		3	1	1	1	1	1								2	11		32

standing tree																							1			1
water													27													27
abnormal environment																										
high/cold temperature environment																										
other environments										1		1	1	1												4
other causal agent	1	2		3	1	1	3		3	1	1	1	1	1									2	11		32
no causal agent		1		1			1	1		1	3	2	1	1		3	2			1	1	1		1		21
unclassifiable	1				1	1	1	1			1		2	1			1			1						11
total	24	24	21	30	25	23	23	16	19	21	12	13	41	10	12	15	15	13	7	9	12	6	18	5	414	

Workers age of fatal accidents in road passenger transport 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																										
20-29		1			1			1					1													4
30-39		2	2	1		2	1	2						1		2										13
40-49	10	3	2	4	5	4	5	2	2	3		2	3	1	1	2	1	1	1	1			1		54	
50-59	6	13	11	13	9	9	9	5	6	10	4	5	10	4	3	3	4	4	2	2	3	1	3	1	140	
60 years old or more	8	5	6	12	10	8	8	6	11	8	8	6	27	4	8	8	10	8	4	6	9	5	14	4	203	
total	24	24	21	30	25	23	23	16	19	21	12	13	41	10	12	15	15	13	7	9	12	6	18	5	414	

Workers' number of workplace of fatal accidents in road passenger transport service in 1999-2022

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	1		1	2	1	1	2		2				8	1		1	2		2	1			2		27
10-29		1	3	5	5	4	3	4	5	3	2	2	13	1	6	1	3		1	1	1	1	1	1	67
30-49	6	5	2	1	5	4	3	4	1	5	1	3	7	2		4	3	4	2	2	3		4	1	72
50-99	6	5	4	5	9	4	4	4	4	5	3		5	4	2	4	4	3	1	1	2	3	4	1	87
100-299	8	6	10	14	4	7	6	3	6	8	5	7	7	2	4	4	3	4	1	4	5	2	6	2	128
300 workers or more	3	7	1	3	1	3	5	1	1		1	1	1			1		2			1		1		33
total	24	24	21	30	25	23	23	16	19	21	12	13	41	10	12	15	15	13	7	9	12	6	18	5	414

Month of fatal accidents in road passenger transport 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	1	5		2	1	3	2		2	3	2	1	3		1	3	2	3					3		37
February	5	3			3	2	2	2	1	2	1		1			3	4	1	1	2		1	1	2	37
March	3	4	2	3	2	1	5	3	3	3	2	1	28	2	1	2	2	2	1	2	2	1	1		76
April	2	2	4			5	1		3	3	1		1			1		1	1	1	1	2	2		31
May	1	1	2	2	4	3	3	1		2		3			1			1	1		2		6		33
June	1	2	1	4	2				1	1		3	1	3		1	2	1			1		2		26
July	4	2	3	5	2	3	2		4	1	3		1	1	1		1			1	1		2		37
August	1		2	2	5	3		1	1	1		2	2	1	2	1					1		1	1	27
September	1		1	2			1	1	2	1		1	4		2	1	2	1		1		1		1	23
October	1	2	3	1	2		3	2		1	1			2	1	2	1	2	1	1		1			27

Ishikawa				1						1													2		
Fukui										1													1		
Yamanashi					1																		1		
Nagano						1									1			1		1			4		
Gifu					1	1	1	1		2					1						1		8		
Shizuoka	1			1	2		1			1						1							7		
Aichi	2	2	2	3		1	1	1	2	1	1		1				1					1	19		
Mie		2								1									1		1		5		
Shiga	1																		1				2		
Kyoto	1	1	1	2		1	1				1		1	1		2		1		1			14		
Osaka	1	4	1		1	2	3		1		2		1		2	2	1	3		1	1		5	2	33
Hyogo	2					1	1		1	2		1	1									1		10	
Nara							1																	1	
Wakayama		1															1							2	
Tottori			1				1			1	1													4	
Shimane													1											1	
Okayama	1														1									2	
Hiroshima			1	2		2	1		1				2		2		1			1			1	1	15
Yamaguchi						1			1															2	
Tokushima				1					1			1								1				4	
Kagawa			1	1	1									1		1		1						6	
Ehime										2														2	
Kochi									1				1			1		1						4	

Fukuoka	2			5	6	1	2			2			1	1			1					1	3		25
Saga	1													1											2
Nagasaki			1		1										2										4
Kumamoto		1			1			1	2		1	1	1										1		9
Oita					2					1	1	1		1											6
Miyazaki								1				1		1	1	1	1			1					8
Kagoshima	1	1		1	1		1	1		1					1										8
Okinawa		1			2			1							1	1					1				7
total	24	24	21	30	25	23	23	16	19	21	12	13	41	10	12	15	15	13	7	9	12	6	18	5	414

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

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