

general machine	165	154	137	154	135	129	126	127	112	104	116	103	118	106	101	95	95	82	78	85	101	96	84	83	2,686
mobile silviculture machine																				1	1		1	2	5
crane	59	59	51	55	66	57	70	50	37	49	44	38	45	34	48	29	41	43	36	37	39	39	32	31	1,089
conveying machine	389	383	388	395	381	391	363	348	319	337	307	335	320	314	343	300	302	284	323	315	330	405	381	322	8,275
vehicle	568	629	643	679	651	691	702	700	709	657	682	663	635	664	726	658	687	629	637	648	671	617	652	608	15,806
pressure vessel	1	3	10	5	9	4	7	4	3	3	2	2	6	4	6	1	3	3	3	6	3	4	1	1	94
chemical facilities		1		1	2		3			2			1	1	1				1	1	2			1	17
welding equipment	3	1	5	4	2	6	5	2	1	2	3	2	1			2	1	4		2			1	3	50
kiln, caldron	5	3	3	2	2	1	3	5	3	1	4		5	6		2	2		1	3	1	4	3	4	63
electric equipment	20	13	15	15	15	20	17	13	13	21	21	17	15	14	19	14	16	21	17	25	12	28	25	16	422
human power machine, tools	191	238	256	223	230	232	257	237	267	256	261	282	230	248	235	252	244	249	269	292	303	277	286	292	6,107
tools	360	368	378	370	382	423	422	435	417	387	383	424	455	432	416	429	394	454	485	464	486	476	539	484	10,263
other equipments, facilities	113	114	116	88	108	155	142	128	142	141	148	167	155	127	174	162	164	158	150	148	183	165	174	180	3,502
temporary buildings, establishments	1,263	1,297	1,498	1,391	1,553	1,626	1,618	1,725	1,652	1,737	1,627	1,738	1,823	1,839	1,701	1,917	1,907	2,047	2,159	2,366	2,254	2,277	2,481	2,439	43,935
hazards, harmful substances	27	31	38	27	25	24	28	33	22	19	17	21	25	19	17	14	26	19	22	28	21	26	17	21	567
materials	250	282	276	245	230	247	229	234	216	187	177	180	199	197	178	183	160	169	176	169	172	134	155	170	4,815

conveying machines			21		22		24	26	16	15	11	15	22	19	23	22	11	9	11	15	22	18	20	14	356
cars, bus, motorcycle			596		621		663	660	673	619	647	633	598	621	692	624	659	607	602	617	634	593	628	569	12,556
railway vehicle			3			8	1	2	5	2	3	3	3	2	7	2	5	5	3	9	3	1	3	70	
other vehicles			44		30		31	39	34	33	33	27	34	40	32	27	26	17	30	28	28	21	23	36	613
boiler			2			4		1				1	3	1			1				2	1			16
pressure vessel			4		1			1						1	2		1	2	3	2					17
other pressure vessels			4		8		3	3	2	3	2	1	3	2	4	1	1	1		4	1	3	1	1	48
chemical facilities					2		3			2			1	1	1				1	1	2			1	15
gas welding equipment			1		1		1			2	2					2		2		1				1	13
arc welding equipment			4				2	1	1		1		1				1	2		1			1	1	16
other welding equipment					1		2	1				2												1	7
kiln, caldron			3		1		3	4	1	1	3		3	3		1	2			3	1	4	1	1	35
industrial dryer									1					3									2	3	9
other kiln, caldron					1			1	1		1		2			1			1						8
transmission			4		6		6	2	3	10	8	6	6	7	5	6	4	8	4	8	5	11	16	5	130
electric power facilities			3		7		6	5	4	5	5	4	4	7	8	4	6	6	6	13	4	6	2	6	111
other electrical			8		2		5	6	6	6	8	7	5		6	4	6	7	7	4	3	11	7	5	113

water			9		12		4	20	11	12	18	9	88	8	18	13	14	13	6	21	6	10	10	7	309
abnormal environment			2		2		4	6	1	1		3	4	9	5	1		1	1	3	3	1	4	2	53
high/cold temperature environment			30		21		33	38	29	28	16	65	36	46	85	51	66	52	58	162	117	136	101	151	1,321
other environments			192		151		167	126	117	144	166	154	213	200	203	262	177	225	226	250	188	175	247	318	3,901
other causal agent			213		182		207	192	198	165	180	155	199	133	151	140	176	145	178	161	169	306	1,043	162	4,455
no causal agent			208		250		279	279	281	299	311	354	315	352	332	324	368	333	373	458	448	486	526	539	7,115
unclassifiable			56		49		31	40	32	42	28	28	23	25	27	28	25	21	19	29	25	17	13	21	579
total	4,583	4,852	5,119	4,874	5,060	5,267	5,269	5,293	5,123	5,114	5,027	5,222	5,388	5,292	5,282	5,343	5,374	5,433	5,716	6,181	6,033	6,179	7,243	6,408	130,675

Workers age of fatal and non-fatal accidents in others 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	96	94	88	77	90	77	73	57	50	74	57	43	45	43	51	62	70	53	60	69	67	60	43	61	1,560
20-29	1,005	1,023	995	953	923	945	808	804	766	723	655	683	637	611	599	587	599	581	633	646	623	597	839	630	17,865
30-39	753	830	870	878	943	1,013	954	969	959	965	926	951	931	893	819	784	767	743	779	755	697	758	830	677	20,444
40-49	776	803	880	838	876	882	952	914	868	879	966	993	1,121	1,093	1,079	1,064	1,106	1,134	1,175	1,226	1,140	1,081	1,286	1,023	24,155
50-59	1,064	1,195	1,311	1,242	1,254	1,359	1,449	1,451	1,354	1,311	1,204	1,237	1,312	1,227	1,264	1,274	1,268	1,314	1,306	1,465	1,476	1,501	1,797	1,578	32,213
60 years old or more	889	907	975	886	974	991	1,033	1,098	1,126	1,162	1,219	1,315	1,342	1,425	1,470	1,572	1,564	1,608	1,763	2,020	2,030	2,182	2,448	2,439	34,438
total	4,583	4,852	5,119	4,874	5,060	5,267	5,269	5,293	5,123	5,114	5,027	5,222	5,388	5,292	5,282	5,343	5,374	5,433	5,716	6,181	6,033	6,179	7,243	6,408	130,675

September	423	470	442	410	422	460	452	451	414	405	383	436	484	412	406	440	422	457	474	505	528	539	552	535	10,922
October	402	410	452	460	449	466	442	456	446	408	470	452	435	424	484	451	472	453	519	546	487	541	559	498	11,182
November	393	392	445	393	386	435	400	428	448	400	402	418	432	410	406	425	451	447	464	487	511	538	492	509	10,512
December	359	386	400	404	421	391	461	389	405	377	399	420	418	412	427	439	399	413	472	447	440	553	547	538	10,317
total	4,583	4,852	5,119	4,874	5,060	5,267	5,269	5,293	5,123	5,114	5,027	5,222	5,388	5,292	5,282	5,343	5,374	5,433	5,716	6,181	6,033	6,179	7,243	6,408	130,675

Prefecture of fatal and non-fatal accidents in others 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	278	285	318		257		235	235	262	216	228	257	247	236	270	248	247	266	258	271	261	310	347	270	5,802
Aomori	71	61	62		74		56	60	48	53	54	53	62	57	55	59	42	50	49	56	50	60	72	47	1,251
Iwate	50	41	47		34		42	59	18	33	37	31	80	40	59	59	31	46	43	51	49	34	59	59	1,002
Miyagi	86	78	82		81		68	79	84	74	87	83	148	111	109	100	102	89	103	115	96	136	181	105	2,197
Akita	48	36	46		43		28	39	41	28	24	43	29	39	28	29	21	23	27	37	39	39	55	37	779
Yamagata	45	36	21		33		43	35	33	33	42	36	47	43	46	38	39	31	40	37	34	53	59	48	872
Fukushima	57	49	52		69		47	72	45	65	57	53	58	76	58	53	59	77	76	71	72	71	99	75	1,411
Ibaraki	72	56	87		69		63	76	88	96	70	108	84	92	81	105	102	95	89	114	104	116	125	118	2,010
Tochigi	62	45	62		53		64	56	45	50	56	59	53	44	75	55	59	48	58	70	63	70	77	88	1,312
Gunma	109	91	68		91		66	75	72	59	50	41	47	49	65	67	49	62	71	62	56	54	80	86	1,470
Saitama	144	144	140		190		196	205	212	216	199	218	210	239	219	188	191	202	232	238	248	294	334	301	4,760
Chiba	154	177	183		162		199	188	217	254	179	185	182	190	185	201	207	221	210	299	273	228	292	280	4,666
Tokyo	521	599	649		706		773	801	822	776	797	832	906	904	879	916	933	973	1,066	1,125	1,065	1,013	1,143	1,069	19,268
Kanagawa	252	356	297		306		352	385	340	311	294	337	344	327	329	341	328	337	358	380	390	393	493	459	7,709

Niigata	46	80	77		79		79	59	80	65	72	74	87	82	79	75	58	84	67	73	78	71	110	71	1,646
Toyama	38	50	48		32		33	39	32	29	34	32	46	35	38	33	33	33	38	39	27	36	43	45	813
Ishikawa	31	33	23		40		31	31	28	26	39	36	51	45	35	39	36	39	41	45	51	64	60	53	877
Fukui	31	24	31		28		21	20	18	25	22	23	24	23	26	32	23	35	29	33	31	32	49	30	610
Yamanashi	17	22	29		28		36	36	36	41	34	41	30	18	23	22	20	19	23	26	28	24	39	36	628
Nagano	62	78	80		76		82	75	66	58	80	75	79	81	71	93	85	88	64	95	97	59	67	60	1,671
Gifu	67	47	62		76		59	58	68	56	38	51	56	50	50	69	59	58	69	71	65	78	88	73	1,368
Shizuoka	97	79	122		118		120	98	108	97	82	100	104	96	103	93	110	100	118	154	131	148	141	162	2,481
Aichi	225	280	277		250		280	276	261	301	290	290	260	281	320	300	321	313	322	345	366	332	399	412	6,701
Mie	60	55	60		85		56	56	55	67	63	88	56	75	63	54	60	59	63	66	69	74	76	78	1,438
Shiga	37	32	32		27		45	58	60	45	48	48	49	43	35	39	48	33	45	43	54	50	74	59	1,004
Kyoto	75	90	108		105		83	107	83	102	112	117	117	91	107	100	112	101	106	103	99	99	130	119	2,266
Osaka	528	636	630		661		742	653	630	625	616	587	586	571	552	596	677	588	662	630	680	654	804	628	13,936
Hyogo	243	210	233		209		235	211	211	231	212	222	198	220	218	249	260	241	237	262	249	251	260	292	5,154
Nara	25	36	40		26		48	45	36	46	59	38	41	48	40	39	52	59	58	80	57	58	58	59	1,048
Wakayama	46	21	35		37		40	43	52	54	38	31	45	34	50	31	41	39	40	51	36	48	34	35	881
Tottori	17	16	14		18		8	14	13	15	11	11	12	7	18	11	8	10	14	9	15	16	17	24	298
Shimane	36	26	31		38		37	38	31	23	28	25	32	26	19	27	16	23	24	27	27	29	38	21	622
Okayama	53	61	50		47		82	72	44	58	69	58	74	59	59	48	65	56	66	78	74	65	102	63	1,403
Hiroshima	145	150	178		93		136	114	100	131	110	112	122	114	110	131	104	123	125	114	111	149	192	129	2,793
Yamaguchi	33	38	49		35		39	45	56	35	35	60	46	42	39	46	34	30	44	49	42	44	53	46	940
Tokushima	33	34	41		28		24	29	24	29	23	23	10	35	34	28	26	23	28	31	25	31	39	42	640
Kagawa	43	29	36		36		39	53	46	37	51	38	36	41	40	55	60	47	54	56	53	81	44	42	1,017

Ehime	66	69	63		74		67	45	51	54	44	65	45	54	48	39	29	39	36	52	63	43	51	47	1,144
Kochi	51	76	52		52		66	38	34	33	48	38	55	49	45	49	39	45	49	39	40	26	48	26	998
Fukuoka	147	156	212		175		195	212	165	145	155	202	206	226	215	203	207	204	220	279	267	245	284	245	4,565
Saga	40	24	32		29		37	38	33	53	40	39	37	42	34	33	30	45	37	33	32	45	39	38	810
Nagasaki	38	42	52		56		46	55	55	58	75	58	64	68	72	61	56	59	56	51	51	75	95	85	1,328
Kumamoto	66	58	62		80		59	71	81	58	71	63	79	78	91	73	75	100	91	87	91	113	110	81	1,738
Oita	46	42	52		41		44	30	35	30	38	30	31	30	24	34	38	21	33	37	32	35	33	45	781
Miyazaki	71	74	54		60		59	63	64	60	71	75	75	63	57	69	58	59	42	50	47	59	70	59	1,359
Kagoshima	49	68	72		76		56	80	77	70	62	70	59	46	45	35	48	52	58	55	56	80	71	60	1,345
Okinawa	72	62	68		77		53	66	63	93	83	66	79	72	64	78	76	88	77	92	89	94	109	101	1,722
total	4,583	4,852	5,119	4,874	5,060	5,267	5,269	5,293	5,123	5,114	5,027	5,222	5,388	5,292	5,282	5,343	5,374	5,433	5,716	6,181	6,033	6,179	7,243	6,408	130,675

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

=====

Fatal accidents in others in Japan in 1999-2022

others industry Code No.1702

construction machine	5	5	5	9	4	3	8	5	6	5	4	7	5	2	4	1	2	1	3	1	1	4	3	2	95
metal manufacturing machine																						1			1
general machine				1	1	4	1	1	1	1			1	2	1			1		1		1			17
mobile silviculture machine																					1				1
crane	2	2	3	4	3	1		2		4	1	1	3	1	2	1	2	5	2	1	2	1	1	4	48
conveying machine	29	21	19	24	16	19	27	14	15	9	15	18	11	7	16	12	9	13	15	8	7	14	12	6	356
vehicle	41	35	35	43	39	31	34	25	28	23	25	20	20	27	33	16	15	18	15	15	15	14	10	16	593
pressure vessel			1							1															2
chemical facilities																									
welding equipment																									
kiln, caldron						1																			1
electric equipment	1	3	1			1				1				2	1	1				4		1	1	2	19
human power machine, tools			1	2	1	1			1		1	2					1		2			1			13
tools		2	1	3	6	4	2	2	1			1		2	1		3		2	3	1	2	2	1	39
other equipments, facilities		1	3	2	1	1	1	1			1	2	1	1	1				2	1					19
temporary buildings, establishments	14	8	8	7	7	11	6	11	9	10	9	9	4	7	8	8	8	8	7	9	7	6	7	12	200
hazards, harmful substances		1	1		2								1				1	1			1	3	1		12
materials							1	2									1								4
load	1		2	1	1	1		1	1			2	1				1		1	1		1			15
natural environment	3	9	7	5	8	6	3	8	7	2	14	8	88	6	11	7	15	9	8	12	10	7	4	11	268
other causal agent		2	1	2	3	6	2	1				1	1			1				1		2	10		33
no causal agent	1					1	2	4	6	1	1	8	8	9	5	8	11	10	6	5	4	2	3		95

unclassifiable		1		1	1		1		1			1	1	1					1			1	1		11
total	97	90	88	104	93	91	88	77	76	58	71	80	145	67	83	55	69	66	64	62	49	61	55	54	1,843

Causal agents (small) of fatal accidents in others in 1999-2022

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	2021	2022	total
engine																									
power transmission mechanism										1															1
circular sawing machine																									
band sawing machine																									
wood planer machine																									
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																									
other woodworking machines																									
leveling, transporting or loading machine		3		2	2		2		3	1									2	1					16
excavating machine	2		3	3	1	2	3	3	2	3		3	3	1	1				1			2	1	1	35
foundation work machine		1																							1
hardening machine	1			1	1		1	1		1		2		1	1	1								1	12
demolition machine																									
vehicle for high lift work		1	1	2				1	1		1	1	1		1		1				1		1		13

opening	2	1	1			1	1			2	1	1		1	1	1	1		2			1		1	18
roof, beam, haze, crossbeam, principal rafter	2		1	2	3	1			1		1	1	1	1			1			1	1		1		18
working platform, boot board											1					1				1		2		2	7
passage		1		1		2		3				1	1	1		2		1	1			1	3	1	19
building, establishment	8	5	3	3	2	5	4	6	4	5	6	2	2	3	4	3	4	4	2	5	4		1	3	88
other temporary buildings, establishments			1	1	2	1			2	1		3			2	1	1		1	1	1	1	1	2	22
explosive substance																									
inflammable substance																									
inflammable gas													1												1
harmful substance		1	1		2												1					3	1		9
radiation																									
other hazards, harmful substances																		1			1				2
metal material																	1								1
lumber, bamboo																									
stone, sand, substance							1	1																	2
other materials								1																	1
load	1		2	1		1		1	1			2	1				1		1			1			13
machine/equipment as load					1															1					2
natural ground, rock		1	5		2	1	1	4	1		3	1	1	1	2	1	5	1	2	2		2	1	1	38
standing tree	1		1		2	1		1				1		1		2					3	2			15
water	2	6	1	2	2	2	1	2	1		7	2	82	2	5	3	2	7	3	5		2	2		141

9 workers or less	23	21	24	22	17	18	14	14	18	13	11	17	57	17	24	14	22	14	9	9	8	9	9	15	419
10-29	21	26	23	23	21	26	29	20	21	8	20	30	44	14	15	11	15	20	19	17	17	22	11	11	484
30-49	14	12	18	18	24	15	13	10	16	17	18	12	17	13	19	10	9	19	10	13	11	10	6	8	332
50-99	19	11	13	21	14	8	8	14	7	11	13	6	10	10	6	6	11	4	12	11	5	10	11	5	246
100-299	14	19	8	13	11	18	17	15	9	7	9	7	11	10	10	9	8	5	8	8	6	10	13	12	257
300 workers or more	6	1	2	7	6	6	7	4	5	2		8	6	3	9	5	4	4	6	4	2		5	3	105
total	97	90	88	104	93	91	88	77	76	58	71	80	145	67	83	55	69	66	64	62	49	61	55	54	1,843

Month of fatal accidents in others 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	7	6	5	4	7	10	5	5	6	5	4	8	7	6	5	5	8	3	8	5	1	3	6	4	133
February	17	4	7	8	13	11	11	7	9	5	6	5	5	8	5	4	8	7	8	8	5	4	4	6	175
March	6	12	11	12	13	10	5	10	8	9	9	6	86	7	5	8	8	7	2	3	6	6	3	3	255
April	6	7	7	5		5	6	5	6	1	4	9	5	7	4	6	2	4	3	4	8	4	1	2	111
May	4	5	4	2	6	8	4	6	8	2	3	7	2	2	7	3	2	8	5	3	1	4	7	3	106
June	5	8	6	10	6	7	10	7	9	5	5	6	7	5	6	2	5	1	3	4	1	4	7	6	135
July	5	8	4	15	7	4	1	9	3	6	3	7	4	7	6	4	4	12	4	8	4	6	6	6	143
August	10	9	8	5	9	5	8	6	10	3	12	6	11	5	9	6	13	3	7	6	6	6	8	7	178
September	14	9	7	11	7	6	10	6	7	4	7	2	6	5	6	4	8	4	7	7	9	2	3	5	156
October	8	6	7	8	7	7	8	5	1	9	7	7	6	6	10	4	3	6	6	8		6	5	5	145
November	4	8	11	15	8	8	8	8	5	7	5	8	2	6	10	4	3	8	5	3	4	6	2	3	151
December	11	8	11	9	10	10	12	3	4	2	6	9	4	3	10	5	5	3	6	3	4	10	3	4	155

Yamanashi			1	1	1	1	1	2	1	1	1	1	2		2	1		1		1	1				19	
Nagano	1	3	1	1	1	1	2	1	1		1	4	2	1	1		4	1	3		3				32	
Gifu	1	3	1	1	3	2	2	1			2		1			1	2		1	1	1		1	1	25	
Shizuoka	1	1			2	8	2	1	5	1	2	1	1	5		3	1		1	1		2		4	42	
Aichi	4	1	2	3	2	2	1	4	5	5	6	4	5	1	3	4	2	3	3	3	3	1	5	1	3	73
Mie		2		3	1	2	4	1			1	3	2	1				2	1	1		1		2	27	
Shiga	1	2	1		2	2			3	3	1	1		1	4					2		3		1	27	
Kyoto	1	4	3	3	5	2	1	2	2	3	1		3	1	1	1			1		1		3	1	39	
Osaka	10	10	5	14	5	4	10	5	3	5	7	8	3	3	9	5	5	5	6	6	3	8	6	4	149	
Hyogo	6	4	4	3	3	3	4	3	1	4	5		1	5	3	1	5	5	3	3	3	4	2	2	77	
Nara		2	2		1		1		1	2	2	2		1		1		1							16	
Wakayama	1	1	1		1										1			1		1	1	2		1	11	
Tottori	2	2		1				1																	7	
Shimane	1							1		1				1				1				1	1		7	
Okayama	3	1	4	1	1	1	3		1		2	1	1	1	4			1	1	2	2	1		1	32	
Hiroshima	3	3	3	2		4	3	2	1	2		1	1	2			3	1	2			2		4	39	
Yamaguchi	1		1	1	2		2	1	5	1		1		1	2		1	3		1			1		24	
Tokushima		1		1			1	1	1					2	3								1	1	12	
Kagawa		1	1								1	1					3		2			2		1	12	
Ehime	2	1	1	3	1		2		2			1					2	1	1	1	1	1	1	1	22	
Kochi			1	1		1		1			1			2											7	
Fukuoka	4	3	2	2	5	4	4	4	4	1	1	1	3	1	1	2	2	2	5	2	5	3	2	5	1	65
Saga	1			4	1								1				1								8	

Nagasaki		1	1		2	1	1		2		2	2	1		1	1		1	1							17
Kumamoto	1	1	3		1	1	1				1			1					2							12
Oita	1					3	4		1	1	1	1	1		1		1			2	1		1			19
Miyazaki	1	2	1		1	3		2	1			2		1	1	3										18
Kagoshima		3	2	2	1	1	1		2			1			1			1	1		1	1		1	1	19
Okinawa	2			1	3			1			3	1			1	1	2	1	2					1	1	20
total	97	90	88	104	93	91	88	77	76	58	71	80	145	67	83	55	69	66	64	62	49	61	55	54	1,843	

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