







machine																									
general machine	1	1	1		2	3	6	4	7	6	7	4	4	7	1	1	4	4	4	3	2	3	2	1	78
mobile silviculture machine																									
crane	1	2		1	1		5	9	5	8	2	6	3	8	3	1	4	3	3	5	3	1	2	4	80
conveying machine	11	1	2	10	8	10	51	65	56	61	65	58	48	48	33	31	42	36	43	38	22	34	27	26	826
vehicle	51	40	55	171	339	505	2,336	2,624	2,336	2,142	1,867	1,677	1,518	1,532	1,355	1,238	1,132	1,201	1,135	1,226	1,126	1,087	1,043	976	28,712
pressure vessel																									
chemical facilities																									
welding equipment								1					1												2
kiln, caldron																									
electric equipment	1	1			1	1	3			4	1	3	1		3	2	2	7		3	1	2	4	2	42
human power machine, tools	2	3	6	12	12	18	100	120	95	128	95	125	124	141	100	134	113	133	156	122	85	99	115	117	2,155
tools	4	6	5	8	15	13	47	50	59	66	50	68	66	53	64	69	66	61	65	59	51	57	60	57	1,119
other equipments, facilities	5	1		6	3	6	31	26	26	19	21	26	22	22	21	30	23	21	15	19	17	23	18	25	426
temporary buildings, establishments	47	32	35	70	119	172	697	854	769	736	709	675	690	693	588	590	533	587	599	662	637	665	639	653	12,451
hazards, harmful				2			2	1				1						2			2				10



















30-39	23	18	29	72	126	196	877	977	828	780	751	709	661	651	560	508	436	462	453	456	450	412	430	372	11,237
40-49	34	25	27	54	113	159	728	812	716	683	628	596	612	665	599	642	585	613	648	661	558	625	651	551	11,985
50-59	49	35	36	77	155	192	901	987	872	939	759	688	691	740	617	638	578	602	606	670	609	654	705	723	13,523
60 years old or more	7	5	4	6	34	47	282	347	335	387	384	393	347	323	288	234	224	277	299	340	301	340	326	362	5,892
total	150	114	117	317	554	792	3,711	4,117	3,681	3,524	3,125	2,986	2,876	2,860	2,513	2,469	2,220	2,396	2,393	2,523	2,252	2,362	2,425	2,274	52,751

Workers' number of workplace of fatal and non-fatal accidents in telecommunication 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	14	8	7	8	15	13	85	71	116	97	81	75	95	93	57	65	75	59	48	71	74	60	87	60	1,434
10-29	17	11	13	25	43	21	274	225	131	112	84	80	87	68	59	49	24	36	24	40	47	40	42	71	1,623
30-49	7	8	7	20	21	14	185	144	96	121	90	117	108	114	59	26	24	14	23	16	19	23	31	28	1,315
50-99	18	12	16	42	80	85	463	461	308	337	376	304	288	291	184	163	141	178	158	183	184	196	197	234	4,899
100-299	46	29	24	88	203	357	1,277	1,375	1,279	1,326	1,252	1,142	1,110	1,161	1,129	1,021	937	996	977	1,062	948	1,080	1,203	1,067	21,089
300 workers or more	48	46	50	134	192	302	1,427	1,841	1,751	1,531	1,242	1,268	1,188	1,133	1,025	1,145	1,019	1,113	1,163	1,151	980	963	865	814	22,391
total	150	114	117	317	554	792	3,711	4,117	3,681	3,524	3,125	2,986	2,876	2,860	2,513	2,469	2,220	2,396	2,393	2,523	2,252	2,362	2,425	2,274	52,751

Month of fatal and non-fatal accidents in telecommunication 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	9	13	13	14	28	86	387	456	325	414	358	339	314	318	316	223	234	247	227	339	229	199	286	337	5,711

February	14	6	11	18	26	59	334	336	293	378	259	276	206	288	184	308	158	189	190	186	199	175	190	171	4,454
March	9	9	15	17	31	54	341	293	347	262	252	235	262	229	183	200	177	162	203	238	168	165	218	180	4,250
April	12	8	5	48	41	81	261	308	315	276	235	229	207	191	182	164	165	189	175	160	150	200	193	183	3,978
May	9	11	9	38	37	59	283	318	309	289	235	200	210	223	213	153	186	184	176	218	185	170	183	138	4,036
June	11	9	4	25	41	77	332	314	303	275	268	225	210	216	204	186	175	196	173	199	195	219	176	187	4,220
July	19	11	8	35	58	63	314	375	372	283	286	273	222	223	215	207	216	209	190	218	234	266	194	193	4,684
August	13	12	4	36	48	58	358	293	325	258	217	231	222	172	193	201	176	184	169	178	197	176	208	153	4,082
September	16	5	11	30	32	58	241	305	244	229	202	195	239	214	163	172	161	205	191	170	176	182	195	175	3,811
October	9	14	14	25	59	77	292	362	297	268	270	253	245	237	223	202	184	197	257	189	174	192	195	159	4,394
November	17	12	12	17	66	50	248	350	258	271	249	217	265	213	197	195	171	217	199	211	159	181	183	189	4,147
December	12	4	11	14	87	70	320	407	293	321	294	313	274	336	240	258	217	217	243	217	186	237	204	209	4,984
total	150	114	117	317	554	792	3,711	4,117	3,681	3,524	3,125	2,986	2,876	2,860	2,513	2,469	2,220	2,396	2,393	2,523	2,252	2,362	2,425	2,274	52,751

Prefecture of fatal and non-fatal accidents in telecommunication 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	5	2	3		31		202	294	316	233	198	169	147	172	136	159	117	136	159	161	145	160	156	182	3,283
Aomori	1	1	1		2		26	44	51	49	41	31	34	24	25	24	15	26	14	21	26	16	30	26	528
Iwate	1		3		1		62	59	44	67	47	38	53	31	47	32	27	17	24	31	19	21	30	29	683
Miyagi	1	1	3		6		91	89	97	90	77	83	74	70	65	60	55	54	53	50	42	40	31	33	1,165
Akita		1	2		3		24	18	27	24	31	20	29	30	20	19	14	15	21	20	26	21	19	20	404
Yamagata	1	3	1		2		54	47	25	60	36	32	34	36	23	26	22	26	26	21	23	17	9	20	544
Fukushima	4	1	1		6		78	105	95	76	73	53	59	57	46	38	32	31	33	47	41	42	30	31	979

Ibaraki	3	1	1		2		104	115	76	99	83	81	89	89	75	66	85	70	73	92	64	55	54	47	1,424
Tochigi		3	4		2		65	93	74	52	4	5	61	64	49	62	50	57	53	54	56	60	51	53	972
Gunma	3	2	1		4		75	73	54	70	52	80	61	68	67	68	50	70	49	56	62	47	65	50	1,127
Saitama	3	3	2		2		159	188	156	110	151	151	160	180	173	196	184	181	163	203	146	148	136	142	2,937
Chiba	2	1			1		90	197	137	132	159	147	158	153	140	144	136	138	130	141	112	108	111	127	2,464
Tokyo	33	31	17		94		353	428	315	274	230	259	222	270	250	239	198	197	207	222	197	204	188	227	4,655
Kanagawa	7	7	11		22		259	330	232	210	193	207	205	212	149	157	152	136	139	143	109	122	127	148	3,277
Niigata	1	5	1		21		65	81	84	74	72	60	60	75	47	46	37	36	35	39	28	37	50	26	980
Toyama	1		1		1		22	16	19	24	20	20	21	29	21	20	16	8	18	21	20	30	23	27	378
Ishikawa	5	2	1		1		25	28	24	25	29	29	23	25	22	21	14	16	23	28	20	26	26	26	439
Fukui					1		27	9	17	19	13	17	22	17	13	17	16	13	22	21	18	19	17	12	310
Yamanashi	2	1			1		37	35	31	33	22	35	33	17	24	23	16	15	18	16	16	21	17	21	434
Nagano		5	2		7		9	60	69	81	71	62	60	53	60	66	52	51	43	35	53	50	49	48	986
Gifu	1	1	2		10		60	66	57	79	48	65	48	59	43	41	33	35	41	36	31	45	30	35	866
Shizuoka	4		2		29		87	139	125	131	84	84	90	81	67	51	56	75	83	79	74	77	75	70	1,563
Aichi	7	1	5		63		273	282	271	252	177	207	188	181	163	149	129	160	153	182	172	147	149	145	3,456
Mie		1	2		35		91	100	90	65	66	65	58	64	41	33	47	33	42	38	44	27	41	29	1,012
Shiga	2	1					34	27	26	37	28	21	18	14	14	15	10	17	13	15	22	30	26	26	396
Kyoto	3	1	4		5		65	58	54	60	71	50	44	60	50	40	43	38	53	49	36	53	55	53	945
Osaka	10	14	9		11		222	232	167	177	174	112	155	124	105	108	85	142	138	119	107	140	157	116	2,624
Hyogo	7	4	6		12		149	152	107	103	112	107	98	69	88	59	76	121	99	119	83	94	115	89	1,869
Nara	1	1			2		47	32	28	32	41	37	25	19	33	34	28	38	40	31	21	27	39	24	580

Wakayama					2		35	14	27	24	32	32	21	12	17	24	18	18	21	17	12	20	20	12	378
Tottori	2	2			1		27	13	15	20	14	11	12	13	12	7	7	12	3	11	11	17	9	10	229
Shimane	2	1			9		7	30	30	38	35	36	27	19	17	18	19	18	16	20	20	11	20	15	408
Okayama	1	1			12		91	57	61	66	58	56	46	53	42	46	45	27	40	35	38	39	55	38	907
Hiroshima	6	4	3		34		116	92	82	91	98	95	73	85	63	59	61	55	68	54	60	65	69	50	1,383
Yamaguchi	1	1	6		24		70	59	61	47	44	34	30	39	32	28	31	18	21	29	25	21	26	29	676
Tokushima	2	2	1		5		20	21	14	24	21	24	19	23	27	23	17	29	18	17	23	19	21	16	386
Kagawa		1	1		8		31	27	41	27	24	33	28	30	20	21	22	25	14	26	19	21	19	10	448
Ehime			5		7		44	40	46	42	29	26	22	29	36	30	32	34	39	39	24	21	36	21	602
Kochi	1	1	3		3		19	17	23	16	18	12	21	23	18	18	16	20	19	13	21	19	11	14	326
Fukuoka	5	1	4		29		161	127	158	134	130	100	86	69	60	59	50	54	53	53	63	78	67	51	1,592
Saga	1	1			7		21	28	37	23	29	20	15	12	9	7	8	10	3	9	16	8	16	11	291
Nagasaki	2		4		14		41	45	46	50	37	39	36	15	19	18	22	21	22	22	25	29	31	24	562
Kumamoto	3	3	2		6		33	44	58	52	46	39	32	25	26	17	15	23	18	16	20	20	22	16	536
Oita	6	1	2		6		47	33	27	36	42	24	20	22	15	18	16	25	20	18	14	30	29	9	460
Miyazaki	6				3		47	27	35	31	18	18	14	6	11	19	10	14	6	16	11	9	25	19	345
Kagoshima	2	1	1		5		32	34	31	46	27	41	22	14	15	12	9	14	18	23	19	33	21	25	445
Okinawa	2				2		14	12	21	19	20	19	23	28	18	32	27	27	29	15	18	18	22	22	388
total	150	114	117	317	554	792	3,711	4,117	3,681	3,524	3,125	2,986	2,876	2,860	2,513	2,469	2,220	2,396	2,393	2,523	2,252	2,362	2,425	2,274	52,751

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.

























10-29	2		2	2	1	1	2	1		1	1		7	2	1										23
30-49			2	1	1			2		1	2		7										1		17
50-99		1	1		1		1	2		2		1	1	1		1	1					1			14
100-299	1	1	1	2	3	3	4	2	1	6	2	3	4	4	1	2	2	1	2	3	3	2	3		56
300 workers or more			1	2	1	2		1	2	3	1	2	5	1	1	1	2	2	1	2	2	1		1	34
total	3	2	7	7	7	6	7	8	3	13	6	6	36	9	3	5	5	3	3	5	5	4	4	1	158

Month of fatal accidents in telecommunication 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				1		1					1	2				1	1		1					9
February	1		1	2				1		3						1					1	2			12
March			1			1					1		30							1		1			35
April			2	1	1										1		1				1				7
May					1	2				2	1	1		1			1								9
June						1	1			1								1		1					5
July				1			2			1	1			1										2	8
August	1		2			2	1			1		2	1	3		3	1		2	1	1				21
September		1			1					2				1		1						2			8
October			1	2	1		2	3				1	2	1			1			1			1		16
November		1		1	1				2	2					1			1	1				1		11
December					1			4	1	1	3	1	1	2	1								1	1	17





Saga	1			1					1							1								4	
Nagasaki								1					1									1		3	
Kumamoto								1																1	
Oita																									
Miyazaki									1		1			1										3	
Kagoshima					1																			1	
Okinawa																									
total	3	2	7	7	7	6	7	8	3	13	6	6	36	9	3	5	5	3	3	5	5	4	4	1	158

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

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