

Fatal & non-fatal accidents in total in Japan in 1999-2021

total industry Code No.0

Type of accidents in total in 1999-2021

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
fall from height	25,627	25,507	25,762	24,262	24,118	24,193	23,730	24,029	23,064	22,379	20,006	19,458	20,051	20,275	20,182	20,551	19,906	20,094	20,374	21,221	21,346	20,977	21,286
falling to same level	21,228	21,105	22,591	21,204	22,474	22,456	23,963	24,549	23,649	24,792	23,002	23,958	25,305	25,974	25,878	26,982	25,949	27,152	28,310	31,833	29,986	30,929	33,672
crash	6,625	6,723	6,456	5,898	6,108	6,038	6,215	6,316	6,372	6,019	5,342	5,674	5,406	5,499	5,596	5,667	5,659	5,861	6,111	6,354	6,534	6,669	6,838
struck by flying or falling object	11,916	11,557	11,241	10,046	9,828	9,874	9,448	9,367	8,769	8,552	7,150	6,998	7,189	7,192	7,035	6,843	6,467	6,600	6,376	6,410	6,049	5,912	5,934
collapse	3,395	3,478	3,378	3,180	3,172	3,107	2,999	3,120	3,042	2,859	2,429	2,464	2,356	2,388	2,391	2,334	2,259	2,261	2,212	2,312	2,236	2,057	2,065
crashed by	7,113	6,740	6,764	6,500	6,075	6,299	6,215	6,204	6,263	6,002	4,921	5,206	5,111	5,141	4,942	5,196	5,166	4,982	5,119	5,373	5,609	5,346	5,491
caught in/between	24,813	24,595	23,450	22,150	21,795	21,441	20,293	20,043	19,375	18,439	15,514	15,843	15,851	15,802	15,276	15,238	14,513	14,136	14,529	14,585	14,592	13,602	14,020
cut	14,541	14,472	13,871	13,323	13,039	12,399	11,682	11,199	11,132	10,707	9,352	9,393	9,229	9,258	9,038	8,704	8,423	8,117	7,760	7,878	7,977	7,592	7,638
injury to the sole of the foot	386	344	418	328	330	341	347	342	303	257	224	241	252	282	252	260	262	250	252	258	220	242	246
drown	47	46	33	32	31	44	42	32	23	41	38	30	933	34	31	41	30	36	44	46	30	27	29
contact to high/low-temperature	2,624	2,718	2,911	2,750	2,641	2,860	2,613	2,697	2,660	2,692	2,344	2,866	2,704	2,678	2,870	2,810	2,677	2,831	2,889	3,546	3,250	3,099	2,772
contact to harmful substance	526	572	574	611	584	593	623	655	585	527	444	483	523	482	467	466	504	483	521	537	521	558	510
electric shock	180	194	186	157	130	160	151	115	151	149	102	118	100	108	120	116	105	99	81	126	89	92	98
explosion	165	156	139	119	156	123	121	100	146	119	81	93	69	107	78	93	56	58	67	64	66	64	70

burst	97	85	94	89	85	89	77	75	76	83	55	48	58	60	43	52	53	60	45	44	42	51	44
fire	129	114	129	105	115	112	104	144	113	107	106	93	86	73	83	87	83	81	44	85	128	61	54
traffic accident (public road)	8,315	8,397	8,457	8,326	8,396	8,265	9,787	9,805	9,298	8,795	8,217	8,500	8,172	8,352	8,312	8,266	8,013	8,125	7,885	7,889	7,350	6,863	7,079
traffic accident (others)	158	138	110	139	114	138	175	173	213	127	80	94	101	96	99	97	103	88	98	98	110	97	81
reaction to motion/improper motion	11,699	11,440	12,089	11,621	12,180	12,093	12,824	13,576	14,427	14,615	13,127	13,694	14,108	14,191	13,914	14,191	14,420	15,081	16,177	16,958	17,709	19,121	20,777
others	1,068	1,224	1,083	1,061	1,158	1,230	1,302	1,385	1,457	1,417	1,348	1,249	1,791	1,269	1,229	1,231	1,394	1,256	1,291	1,445	1,501	7,620	21,028
unclassifiable	403	369	413	438	407	393	339	372	360	348	270	230	227	315	321	310	269	259	275	267	266	177	186
total	141,055	139,974	140,149	132,339	132,936	132,248	133,050	134,298	131,478	129,026	114,152	116,733	119,622	119,576	118,157	119,535	116,311	117,910	120,460	127,329	125,611	131,156	149,918

Causal agents (middle) of industrial accidents in total in 1999-2021

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
engine	60	74	61	42	44	52	43	36	47	44	35	32	27	51	31	24	33	32	38	38	31	19	40
power transmission mechanism	655	588	552	532	473	460	511	456	440	445	379	401	377	374	367	338	392	319	363	351	301	293	313
woodworking machine	5,803	5,644	5,090	4,652	4,604	4,152	3,835	3,482	3,515	3,255	2,837	2,768	2,725	2,515	2,393	2,355	2,059	1,989	1,835	1,828	1,824	1,770	1,775
construction machine	2,829	2,569	2,479	2,311	2,120	2,126	2,120	1,971	1,788	1,785	1,595	1,572	1,590	1,649	1,660	1,642	1,505	1,483	1,426	1,426	1,462	1,457	1,513
metal manufacturing machine	5,926	5,666	5,115	4,675	4,619	4,545	4,292	4,260	4,142	3,790	2,713	2,897	3,080	3,016	2,759	2,819	2,641	2,532	2,503	2,527	2,446	2,242	2,346
general machine	9,876	9,925	9,608	9,228	9,111	8,797	8,226	7,983	7,791	7,631	6,788	6,748	6,663	6,434	6,264	5,928	5,928	5,740	5,781	5,682	5,757	5,381	5,402

mobile silviculture machine																	91	96	68	77	87	106	83
crane	3,033	3,108	2,996	2,820	2,760	2,625	2,664	2,545	2,419	2,405	1,898	1,861	1,839	1,822	1,828	1,855	1,708	1,672	1,647	1,782	1,802	1,614	1,679
conveying machine	16,292	16,779	16,467	15,654	15,780	15,278	15,025	14,945	14,537	13,860	11,828	12,217	12,312	12,357	12,580	12,431	12,066	11,952	12,379	12,519	12,422	12,288	12,510
vehicle	8,378	8,340	8,498	8,465	8,552	8,901	10,824	10,880	10,687	10,189	9,563	9,554	9,146	9,293	9,165	9,121	8,870	8,835	8,766	8,949	8,487	7,771	8,154
pressure vessel	188	185	210	167	176	149	150	129	147	138	130	101	104	134	104	103	83	109	101	93	84	74	90
chemical facilities	47	43	27	47	44	59	57	45	40	40	26	25	33	33	17	38	29	32	24	43	30	21	47
welding equipment	355	344	343	322	282	299	305	261	301	287	235	184	183	197	214	218	193	207	187	214	196	168	175
kiln, caldron	231	253	264	242	260	246	223	237	219	234	227	231	188	193	219	203	196	165	221	208	264	214	221
electric equipment	337	324	328	292	268	315	287	247	293	313	238	246	250	261	252	272	263	276	293	335	301	299	357
human power machine, tools	7,396	7,382	7,702	7,634	7,460	7,506	7,466	7,572	7,718	7,574	6,747	6,969	6,911	7,366	7,238	7,223	7,123	7,368	7,432	7,884	8,061	8,316	8,576
tools	10,618	10,444	10,704	10,094	10,525	10,553	10,601	10,931	10,851	10,959	9,432	9,522	9,901	9,872	10,069	10,069	9,964	10,287	10,688	10,936	11,557	11,170	11,610
other equipments, facilities	2,600	2,643	2,715	2,565	2,433	2,800	2,923	2,961	3,086	3,150	2,827	3,123	2,931	3,101	3,143	3,266	3,190	3,338	3,103	3,348	3,368	3,476	3,808
temporary buildings, establishments	29,140	29,142	30,124	28,388	29,723	29,998	30,100	31,227	29,973	30,333	27,500	28,276	29,357	29,633	28,999	30,285	29,885	31,608	32,105	35,123	34,068	34,443	36,307
hazards, harmful substances	1,149	1,176	1,246	1,237	1,175	1,148	1,163	1,172	1,107	985	831	850	967	921	906	926	872	918	903	860	931	812	795
materials	13,682	13,175	12,418	11,532	10,665	10,623	10,100	10,242	9,838	8,702	7,245	7,230	7,188	7,395	7,138	7,215	6,601	6,401	6,487	6,400	6,273	5,835	5,870
load	8,008	8,170	8,653	7,697	7,790	7,435	7,543	7,940	8,286	7,829	6,692	6,599	6,537	6,669	6,460	6,408	6,456	6,554	6,530	6,910	7,042	7,272	7,392

natural environment	6,264	6,088	6,737	5,681	5,774	5,877	5,855	5,682	5,216	5,535	5,181	5,939	7,487	6,346	6,498	6,792	5,704	5,942	6,169	7,445	5,950	6,388	6,432
other causal agent	3,292	3,394	3,019	2,693	2,891	3,165	3,115	3,431	3,206	3,367	2,797	2,859	3,365	3,088	3,168	3,141	3,386	3,190	3,603	3,374	3,672	9,486	22,953
no causal agent	4,221	3,975	4,210	4,810	4,855	4,624	5,155	5,163	5,291	5,589	5,959	6,155	6,093	6,428	6,291	6,478	6,749	6,613	7,514	8,635	8,939	10,065	11,276
unclassifiable	675	543	583	559	552	515	467	500	540	587	449	374	368	428	394	385	324	252	294	342	256	176	194
total	141,055	139,974	140,149	132,339	132,936	132,248	133,050	134,298	131,478	129,026	114,152	116,733	119,622	119,576	118,157	119,535	116,311	117,910	120,460	127,329	125,611	131,156	149,918

Causal agents (small) of industrial accidents in total in 1999-2021

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
engine			61		44		43	36	47	44	35	32	27	51	31	24	33	32	38	38	31	19	40
power transmission mechanism			552		473		511	456	440	445	379	401	377	374	367	338	392	319	363	351	301	293	313
circular sawing machine			2,370		2,172		1,776	1,641	1,555	1,419	1,199	1,182	1,153	1,094	1,065	1,028	870	839	777	774	805	721	721
band sawing machine			235		189		163	118	141	113	104	78	96	79	81	78	69	61	58	59	41	60	49
wood planer machine			575		462		360	324	276	325	238	229	219	178	184	163	138	143	128	138	121	131	121
hollow chisel mortiser, wood borer			131		86		66	53	66	53	43	37	33	35	42	31	36	30	26	33	18	25	14
chamfering machine, router, woodworking milling machine			110		96		68	62	66	60	45	34	42	34	36	39	32	31	25	43	25	23	31
chain saw			646		721		639	604	698	651	689	690	631	571	502	541	503	449	431	407	427	461	467
other woodworking machines			1,023		878		763	680	713	634	519	518	551	524	483	475	411	436	390	374	387	349	372
leveling, transporting or loading machine			407		381		346	347	306	295	260	293	268	287	279	235	272	251	270	277	234	237	278
excavating machine			1,108		913		942	823	752	752	663	645	671	696	681	690	573	567	586	593	653	672	650
foundation work machine			107		80		86	87	69	63	54	53	56	64	62	62	70	61	57	64	51	61	44

other mobile silviculture machine																4	5	3	5	6	12	12	
crane			1,357		1,269		1,252	1,216	1,185	1,175	840	844	871	875	789	840	742	772	785	828	850	725	780
mobile crane			969		912		870	766	736	768	648	619	588	566	660	630	615	597	564	603	589	570	566
derrick crane			5		3		2	4	4	4	1	5	3	2	0	2	0	0	0	0	1	0	0
elevator, lift			321		280		228	268	271	218	214	174	168	189	180	193	184	145	155	176	197	159	171
cargo lifting appliance			20		12		14	10	14	6	5	10	16	5	12	11	5	13	14	12	16	11	15
gondola			15		10		14	13	8	21	11	12	13	5	11	7	4	5	10	7	8	5	11
lumberyard equipment, logging cableway			63		45		50	42	35	44	34	39	24	34	21	0	19	21	11	12	9	11	16
simple skyline yarding equipment																3	1	0	1	0	3	4	
other powered crane			246		229		234	226	166	169	145	158	156	146	155	145	136	118	108	143	132	130	116
truck			11,480		10,876		10,304	10,228	9,923	9,445	8,253	8,548	8,547	8,677	8,995	8,817	8,664	8,502	8,797	8,870	8,760	8,890	9,011
forklift			2,621		2,613		2,607	2,570	2,534	2,404	1,954	1,916	2,054	1,982	1,904	1,898	1,890	1,977	1,997	2,113	2,145	1,989	2,028
railway equipment			33		28		29	36	29	37	24	15	24	26	28	25	26	13	16	19	31	18	17
conveyor			1,554		1,504		1,376	1,390	1,400	1,339	1,071	1,153	1,092	1,104	1,127	1,131	998	981	1,019	988	967	941	976
loader			66		66		52	61	43	50	38	36	48	48	37	50	48	47	47	40	57	47	54
straddle carrier			0		5		1	6	2	5	1	2	3	5	2	7	4	5	5	4	2	4	5
rough terrain hauler			48		41		33	31	19	37	43	20	23	17	22	25	28	18	34	25	30	23	24
other powered conveying machines			665		647		623	623	587	543	444	527	521	498	465	478	408	409	464	460	430	376	395
cars, bus, motorcycle			7,633		7,718		9,931	10,039	9,761	9,414	8,828	8,854	8,431	8,516	8,509	8,496	8,281	8,279	8,179	8,396	7,913	7,311	7,634
railway vehicle			72		64		92	83	65	73	75	64	71	64	91	65	50	67	74	65	81	65	79
other vehicles			793		770		801	758	861	702	660	636	644	713	565	560	539	489	513	488	493	395	441
boiler			28		19		32	27	36	17	23	23	14	18	19	22	7	13	14	16	17	10	10
pressure vessel			65		52		42	39	35	39	36	24	29	41	26	18	29	31	38	22	29	23	23
other pressure vessels			117		105		76	63	76	82	71	54	61	75	59	63	47	65	49	55	38	41	57

chemical facilities			27		44		57	45	40	40	26	25	33	33	17	38	29	32	24	43	30	21	47
gas welding equipment			96		83		97	57	84	70	85	64	66	57	53	53	54	50	56	82	65	40	35
arc welding equipment			107		87		102	97	120	102	96	65	69	64	84	79	69	87	63	73	64	69	66
other welding equipment			140		112		106	107	97	115	54	55	48	76	77	86	70	70	68	59	67	59	74
kiln, caldron			205		203		181	182	174	185	173	194	144	151	174	146	145	119	169	170	215	172	179
industrial dryer			29		20		30	24	21	25	29	21	26	23	25	27	16	16	29	16	28	25	22
other kiln, caldron			30		37		12	31	24	24	25	16	18	19	20	30	35	30	23	22	21	17	20
transmission			117		96		116	101	136	142	115	88	101	140	112	123	140	139	163	185	173	138	191
electric power facilities			73		64		65	50	72	66	51	72	50	56	49	60	47	45	42	59	38	45	52
other electrical equipment			138		108		106	96	85	105	72	86	99	65	91	89	76	92	88	91	90	116	114
human power cranes			113		115		100	94	97	95	57	66	82	60	65	72	56	62	64	84	406	573	907
human power hauling equipment			2,616		2,770		3,102	3,296	3,420	3,635	3,281	3,464	3,532	3,714	3,654	3,796	3,821	4,249	4,281	4,593	4,493	4,528	4,332
human power machine			189		124		126	130	124	114	85	106	96	100	113	110	101	85	100	85	94	94	99
hand tool			4,784		4,451		4,138	4,052	4,077	3,730	3,324	3,333	3,201	3,492	3,406	3,245	3,145	2,972	2,987	3,122	3,068	3,121	3,238
ladder			5,867		5,651		5,610	5,653	5,613	5,464	5,041	5,061	5,199	5,309	5,269	5,250	5,034	5,086	5,178	5,410	5,571	5,621	5,663
slinging tool			815		743		758	706	704	647	518	516	482	483	497	448	449	468	444	417	418	369	394
other tools			4,022		4,131		4,233	4,572	4,534	4,848	3,873	3,945	4,220	4,080	4,303	4,371	4,481	4,733	5,066	5,109	5,568	5,180	5,553
other equipment, facilities			2,715		2,433		2,923	2,961	3,086	3,150	2,827	3,123	2,931	3,101	3,143	3,266	3,190	3,338	3,103	3,348	3,368	3,476	3,808
scaffolding			2,296		2,035		1,905	1,881	1,838	1,580	1,182	1,053	1,224	1,234	1,318	1,332	1,154	1,093	1,030	1,023	1,116	920	908
timbering			224		148		132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75
stairs, landing stage			4,760		5,048		5,151	5,575	5,476	5,467	5,088	4,992	5,133	5,118	4,986	5,337	5,320	5,618	5,786	5,950	6,270	6,343	6,597
opening			578		493		476	505	494	449	457	395	387	433	429	420	413	456	420	494	502	484	466
roof, beam, haze, crossbeam, principal rafter			2,135		1,859		1,851	1,657	1,360	1,317	1,103	1,187	1,337	1,360	1,246	1,170	1,069	1,030	962	1,080	946	836	814
working platform, boot board			3,846		4,033		3,462	3,793	3,803	3,979	3,481	3,627	3,440	3,434	3,396	3,714	3,693	3,578	3,780	4,035	3,775	3,515	3,400
passage			9,055		9,058		10,174	10,336	9,946	10,636	9,794	10,378	11,112	11,340	11,043	11,746	11,404	13,046	13,283	15,395	14,401	15,042	16,969

building, establishment			4,631		4,258		4,172	4,498	4,348	4,267	3,931	4,020	4,244	4,047	4,061	3,713	3,862	3,746	4,058	4,196	3,739	3,895	3,973
other temporary buildings, establishments			2,599		2,791		2,777	2,813	2,544	2,522	2,376	2,538	2,393	2,584	2,434	2,781	2,887	2,976	2,734	2,883	3,269	3,359	3,105
explosive substance			47		48		44	29	27	22	19	21	15	17	31	18	17	16	14	14	14	11	18
inflammable substance			218		190		166	197	199	163	127	152	111	147	124	153	112	101	112	106	164	98	110
inflammable gas			116		108		88	93	94	106	59	63	95	85	61	79	49	80	59	70	59	55	37
harmful substance			330		307		341	380	320	272	214	264	294	255	258	230	278	250	238	259	213	192	176
radiation			1		2		0	1	0	3	1	0	0	1	0	1	1	1	5	0	0	0	2
other hazards, harmful substances			534		520		524	472	467	419	411	350	452	416	432	445	415	470	475	411	481	456	452
metal material			6,771		5,751		5,534	5,629	5,427	4,893	3,850	3,822	3,749	3,901	3,663	3,809	3,509	3,463	3,595	3,548	3,394	3,070	3,131
lumber, bamboo			2,444		2,066		1,947	1,822	1,734	1,427	1,289	1,266	1,270	1,254	1,277	1,198	1,095	1,111	1,070	1,067	1,028	1,007	969
stone, sand, substance			917		721		642	580	543	492	396	401	408	408	400	448	321	326	336	334	347	323	312
other materials			2,286		2,127		1,977	2,211	2,134	1,890	1,710	1,741	1,761	1,832	1,798	1,760	1,676	1,501	1,486	1,451	1,504	1,435	1,458
load			7,791		7,077		6,837	7,227	7,576	7,146	6,106	6,009	6,009	6,080	5,917	5,950	5,997	6,103	6,134	6,487	6,581	6,841	6,995
machine/equipment as load			862		713		706	713	710	683	586	590	528	589	543	458	459	451	396	423	461	431	397
natural ground, rock			1,527		1,424		1,151	1,153	1,071	1,095	966	956	963	964	917	833	873	751	797	745	786	773	777
standing tree			1,506		1,373		1,250	1,163	1,277	1,213	1,374	1,371	1,332	1,141	1,106	1,053	1,086	1,005	965	980	899	953	882
water			155		178		183	204	170	182	163	126	1,450	155	184	188	130	148	135	204	160	206	140
abnormal environment			46		40		41	41	44	45	27	44	59	83	65	26	35	51	55	65	31	32	28
high/cold temperature environment			652		391		382	516	480	485	300	834	662	709	819	748	656	666	733	1,483	1,087	1,194	847
other environments			2,851		2,368		2,848	2,605	2,174	2,515	2,351	2,608	3,021	3,294	3,407	3,944	2,924	3,321	3,484	3,968	2,987	3,230	3,758
other causal agent			3,019		2,891		3,115	3,431	3,206	3,367	2,797	2,859	3,365	3,088	3,168	3,141	3,386	3,190	3,603	3,374	3,672	9,486	22,953
no causal agent			4,210		4,855		5,155	5,163	5,291	5,589	5,959	6,155	6,093	6,428	6,291	6,478	6,749	6,613	7,514	8,635	8,939	10,065	11,276
unclassifiable			583		552		467	500	540	587	449	374	368	428	394	385	324	252	294	342	256	176	194
total			140,149		132,936		133,050	134,298	131,478	129,026	114,152	116,733	119,622	119,576	118,157	119,535	116,311	117,910	120,460	127,329	125,611	131,156	149,918

January	11,145	10,646	12,084	10,592	11,125	10,990	10,879	11,619	10,378	11,033	10,107	9,737	10,557	10,434	10,575	10,070	10,033	10,614	10,547	12,180	10,439	10,276	16,043
February	11,876	12,014	11,507	10,364	10,696	10,669	10,951	11,225	10,530	11,969	9,401	9,792	9,421	10,960	9,429	11,301	9,230	9,799	9,882	10,457	10,191	10,221	12,556
March	12,162	12,447	12,577	11,179	11,485	11,701	11,747	11,474	11,604	11,102	9,887	10,227	11,300	10,252	9,832	10,059	10,047	9,867	10,292	10,542	10,367	10,418	12,401
April	11,383	11,017	11,323	10,870	10,744	10,614	10,606	10,378	10,578	10,604	9,337	9,313	8,964	9,310	9,466	9,390	9,388	9,571	9,351	9,724	10,012	10,363	12,804
May	11,349	11,181	11,535	11,074	10,907	10,257	10,433	10,878	11,039	10,672	8,937	9,075	9,070	9,632	9,437	9,551	9,205	9,444	9,439	10,036	10,056	9,452	12,617
June	12,165	11,843	11,979	10,836	11,199	11,521	11,487	11,184	11,368	10,817	9,627	10,077	10,199	9,880	9,535	9,755	9,966	9,878	10,024	10,551	10,466	11,398	11,558
July	12,644	12,309	12,427	12,275	11,860	12,023	11,785	11,692	11,715	11,761	10,326	10,463	10,317	10,476	10,674	10,672	10,892	10,290	10,565	11,848	11,945	11,666	12,572
August	11,802	11,994	11,440	11,060	11,065	10,805	11,323	11,575	11,680	10,362	9,406	10,086	10,331	10,251	9,892	9,662	9,621	9,979	10,233	10,626	10,976	11,350	14,788
September	12,313	11,927	11,345	10,871	11,265	11,346	10,966	11,236	10,728	10,514	9,157	9,672	10,140	9,581	9,554	9,836	9,694	9,854	9,823	10,643	10,603	11,169	11,769
October	11,948	12,099	12,254	11,776	11,691	11,435	11,055	11,597	11,246	10,923	9,838	9,832	9,857	9,909	10,540	10,112	9,845	9,846	10,627	11,047	10,716	11,204	11,152
November	11,329	11,411	11,052	11,098	10,395	10,635	10,728	11,053	10,496	9,751	9,076	9,273	9,663	9,395	9,706	9,339	9,380	9,577	9,735	10,066	10,083	10,850	10,621
December	10,939	11,086	10,626	10,344	10,504	10,252	11,090	10,387	10,116	9,518	9,053	9,186	9,803	9,496	9,517	9,788	9,010	9,191	9,942	9,609	9,757	12,789	11,037
total	141,055	139,974	140,149	132,339	132,936	132,248	133,050	134,298	131,478	129,026	114,152	116,733	119,622	119,576	118,157	119,535	116,311	117,910	120,460	127,329	125,611	131,156	149,918

Prefecture of industrial accidents in total in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Hokkaido	8,219	8,250	8,186		7,455		7,570	7,687	7,461	6,851	6,392	6,486	6,420	6,512	6,708	6,744	6,568	6,613	6,676	6,836	6,743	7,735	8,146
Aomori	1,631	1,389	1,536		1,321		1,276	1,205	1,268	1,262	1,132	1,170	1,256	1,310	1,224	1,269	1,054	1,201	1,281	1,278	1,270	1,288	1,641
Iwate	1,666	1,628	1,731		1,447		1,472	1,453	1,343	1,355	1,201	1,222	1,709	1,367	1,458	1,478	1,316	1,305	1,353	1,351	1,377	1,358	1,530
Miyagi	2,385	2,369	2,292		2,451		2,419	2,550	2,397	2,467	2,078	2,191	3,182	2,620	2,580	2,510	2,282	2,467	2,385	2,589	2,432	2,407	3,038
Akita	1,369	1,352	1,233		1,126		1,042	1,145	1,087	1,050	964	1,029	1,035	1,079	1,006	1,019	935	984	965	1,166	1,088	1,087	1,220
Yamagata	1,478	1,432	1,377		1,238		1,297	1,336	1,202	1,215	1,020	1,080	1,173	1,246	1,253	1,171	1,141	1,126	1,125	1,313	1,132	1,190	1,417
Fukushima	2,264	2,239	2,150		2,041		2,101	2,115	2,012	2,068	1,761	1,786	1,880	2,028	2,080	2,084	1,909	1,957	1,839	2,037	1,927	2,001	2,465
Ibaraki	3,200	3,215	3,213		2,882		2,988	3,063	2,993	2,950	2,538	2,686	2,988	2,957	2,757	2,884	2,870	2,845	2,910	3,120	2,966	3,110	3,498
Tochigi	2,164	2,080	2,086		1,992		2,015	1,952	1,909	2,035	1,722	1,734	1,730	1,870	1,786	1,818	1,832	1,850	1,846	1,930	1,931	1,997	2,312
Gunma	3,051	2,901	2,867		2,662		2,556	2,607	2,512	2,389	2,090	2,211	2,199	2,204	2,252	2,380	2,182	2,359	2,276	2,432	2,401	2,507	2,735
Saitama	5,215	5,377	5,753		5,890		6,058	6,197	6,341	6,099	5,491	5,564	5,460	5,695	5,639	5,990	5,800	5,754	5,824	6,216	6,236	6,769	7,837

Chiba	4,816	5,062	5,263		4,956		4,862	5,317	5,221	5,420	4,964	5,017	4,922	5,130	4,992	5,098	5,016	5,092	5,099	5,535	5,705	5,878	6,745
Tokyo	9,259	9,084	9,756		9,789		9,909	10,078	10,008	10,141	9,101	9,326	9,537	9,782	9,639	9,753	9,376	9,585	9,837	10,486	10,570	10,645	12,877
Kanagawa	7,055	7,165	7,058		6,814		7,191	7,337	7,096	7,119	6,215	6,574	6,593	6,689	6,485	6,639	6,511	6,598	6,551	6,920	7,095	7,617	8,668
Niigata	3,225	3,173	3,151		2,795		2,919	3,041	2,817	2,758	2,398	2,536	2,599	2,597	2,633	2,467	2,345	2,363	2,511	2,680	2,489	2,522	3,204
Toyama	1,635	1,527	1,549		1,366		1,437	1,346	1,241	1,236	1,159	1,119	1,227	1,252	1,110	1,191	1,077	1,073	1,227	1,192	1,103	1,182	1,248
Ishikawa	1,252	1,313	1,346		1,191		1,185	1,194	1,175	1,139	1,084	1,085	1,137	1,091	1,053	1,067	1,016	987	1,153	1,250	1,155	1,158	1,357
Fukui	1,138	1,104	1,117		862		937	939	904	904	735	785	900	865	759	831	779	834	817	1,033	899	893	955
Yamanashi	816	836	879		855		830	834	803	869	686	716	762	704	777	805	755	744	726	830	801	745	877
Nagano	2,297	2,206	2,360		2,213		2,057	2,136	2,095	2,068	1,850	1,898	1,960	1,954	2,024	2,151	2,092	1,965	2,031	2,164	2,163	2,121	2,405
Gifu	2,929	2,876	2,803		2,607		2,518	2,579	2,519	2,398	1,968	2,100	2,001	2,005	2,019	1,963	1,941	1,982	2,012	2,193	2,071	2,150	2,536
Shizuoka	5,285	5,315	5,122		4,931		4,688	4,983	5,038	4,848	4,042	4,180	4,235	4,193	3,986	4,109	4,096	4,157	4,186	4,429	4,454	4,354	4,699
Aichi	7,995	8,113	7,962		7,427		7,404	7,563	7,292	7,123	6,238	6,485	6,572	6,392	6,534	6,703	6,349	6,360	6,750	7,117	6,986	7,460	7,989
Mie	3,012	2,867	2,952		2,664		2,555	2,639	2,675	2,518	2,243	2,313	2,257	2,219	2,141	2,132	2,119	2,071	2,161	2,230	2,243	2,188	2,609
Shiga	1,479	1,521	1,463		1,531		1,510	1,650	1,529	1,634	1,300	1,307	1,341	1,454	1,422	1,404	1,359	1,354	1,342	1,403	1,376	1,464	1,665
Kyoto	2,807	2,925	2,881		2,736		2,833	2,816	2,740	2,508	2,362	2,324	2,570	2,469	2,488	2,325	2,468	2,296	2,430	2,478	2,389	2,528	2,840
Osaka	10,628	10,823	10,972		10,368		10,030	10,215	9,772	9,677	8,529	8,459	8,350	8,364	8,014	8,138	8,041	8,125	8,345	8,972	8,806	8,726	11,299
Hyogo	6,038	6,038	5,743		5,632		5,540	5,499	5,474	5,333	4,568	4,680	4,749	4,670	4,668	4,683	4,679	4,641	4,794	5,042	4,926	5,381	5,967
Nara	1,525	1,423	1,447		1,425		1,528	1,421	1,417	1,459	1,411	1,335	1,288	1,350	1,293	1,356	1,260	1,292	1,251	1,387	1,350	1,347	1,613
Wakayama	1,578	1,511	1,501		1,476		1,474	1,392	1,403	1,376	1,203	1,217	1,241	1,182	1,173	1,100	1,119	1,073	1,116	1,153	1,117	1,115	1,250
Tottori	646	722	639		601		575	548	569	521	452	465	547	467	465	495	462	461	507	535	509	584	577
Shimane	1,039	1,031	1,026		949		854	863	820	821	749	727	759	708	729	719	697	689	722	744	708	688	825
Okayama	2,332	2,319	2,392		2,270		2,343	2,212	2,274	2,207	1,819	1,893	1,966	2,023	1,968	1,956	1,914	1,821	2,113	2,199	2,121	2,337	2,501
Hiroshima	4,074	3,928	3,959		3,560		3,705	3,562	3,530	3,330	2,962	2,949	3,026	3,000	3,024	2,945	2,946	2,982	3,090	3,178	3,164	3,245	3,693
Yamaguchi	1,830	1,776	1,708		1,683		1,681	1,614	1,474	1,520	1,311	1,296	1,372	1,345	1,247	1,184	1,274	1,308	1,277	1,293	1,322	1,371	1,557
Tokushima	1,274	1,198	1,163		1,033		1,032	957	907	929	809	822	757	834	826	768	807	807	839	822	794	876	1,017
Kagawa	1,594	1,549	1,475		1,410		1,506	1,365	1,410	1,262	1,182	1,177	1,128	1,162	1,119	1,118	1,095	1,118	1,143	1,238	1,233	1,253	1,326
Ehime	2,139	2,130	2,128		1,991		1,905	1,797	1,780	1,709	1,440	1,537	1,528	1,560	1,461	1,480	1,405	1,452	1,491	1,525	1,490	1,552	1,690
Kochi	1,620	1,582	1,489		1,364		1,281	1,159	1,152	1,047	990	1,058	1,063	1,004	922	983	950	945	980	954	946	1,019	965

Fukuoka	5,780	5,753	5,828		5,575		5,714	5,542	5,507	5,322	4,864	4,856	4,878	4,965	4,946	5,077	5,083	5,175	5,281	5,580	5,381	5,906	6,841
Saga	1,117	1,136	1,068		1,060		1,088	1,125	1,099	1,123	940	1,018	985	1,020	1,129	1,063	1,054	1,089	1,108	1,270	1,182	1,288	1,378
Nagasaki	1,796	1,570	1,603		1,599		1,478	1,585	1,475	1,483	1,404	1,390	1,406	1,418	1,367	1,458	1,383	1,459	1,459	1,499	1,580	1,717	1,791
Kumamoto	2,248	2,189	2,081		1,997		1,900	1,990	2,025	1,871	1,741	1,773	1,794	1,679	1,800	1,689	1,763	1,929	1,937	2,007	1,972	2,079	2,182
Oita	1,790	1,680	1,635		1,544		1,506	1,492	1,474	1,389	1,252	1,185	1,175	1,141	1,177	1,264	1,175	1,214	1,245	1,278	1,270	1,290	1,379
Miyazaki	1,674	1,592	1,546		1,505		1,511	1,508	1,520	1,465	1,329	1,370	1,352	1,300	1,287	1,299	1,285	1,332	1,298	1,334	1,482	1,576	1,687
Kagoshima	1,989	1,969	1,900		1,910		1,943	1,885	1,824	1,813	1,615	1,699	1,686	1,701	1,750	1,729	1,751	1,985	1,961	1,936	2,010	2,100	2,256
Okinawa	702	736	760		742		827	805	894	945	848	903	927	999	987	1,046	980	1,091	1,190	1,175	1,246	1,352	1,611
total	141,055	139,974	140,149		132,936		133,050	134,298	131,478	129,026	114,152	116,733	119,622	119,576	118,157	119,535	116,311	117,910	120,460	127,329	125,611	131,156	149,918

Industrial accidents mean fatal and non-fatal injuries and occupational diseases 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)

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Fatal accidents in total in Japan in 1999-2021

total industry Code No.0

Type of fatal accidents in total in 1999-2021

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
fall from height	492	453	461	411	413	415	339	353	361	311	289	311	284	271	266	263	248	232	258	256	216	191	217
falling to same level	46	41	35	34	37	34	30	28	32	24	28	33	29	33	34	21	34	24	22	28	22	28	26
crash	14	7	8	4	15	8	10	10	6	11	9	5	7	3	8	5	7	3	3	3	2	11	3
struck by flying or falling object	93	90	91	90	79	87	82	92	66	77	57	63	40	46	56	50	53	41	43	53	43	42	38
collapse	132	114	112	110	104	90	86	100	92	83	67	67	63	76	56	58	65	57	57	54	56	48	42
crashed by	145	137	108	104	74	102	111	125	94	96	74	73	62	72	76	97	67	78	83	58	77	54	62

caught in/between	259	263	229	245	229	229	193	189	191	192	150	171	148	157	132	151	128	132	140	113	104	126	135
cut	5	9	7	8	11	7	8	4	6	6	4	8	6	8	5	4	2	0	0	5	4	6	2
injury to the sole of the foot	2	0	1	3	2	2	1	2	3	0	0	2	1	0	0	2	0	2	0	0	0	0	0
drown	35	37	22	26	27	40	31	26	20	38	33	23	911	31	25	35	24	31	38	35	24	21	25
contact to high/low-temperature	33	23	37	26	20	18	23	20	28	24	10	53	22	23	35	15	34	16	22	36	27	26	22
contact to harmful substance	25	30	21	32	24	19	17	29	15	20	20	20	17	18	17	22	9	13	17	14	21	17	
electric shock	33	34	30	16	14	23	28	19	14	21	14	13	12	15	5	15	11	11	9	13	3	6	13
explosion	14	7	7	5	21	15	7	3	13	9	9	5	6	13	12	12	2	3	6	7	4	4	3
burst	6	3	5	1	0	6	5	3	0	5	1	3	1	3	2	4	1	6	1	1	0	2	1
fire	11	20	40	4	22	6	6	22	14	9	18	5	9	7	9	9	13	3	5	6	45	6	8
traffic accident (public road)	608	590	552	492	482	444	466	385	337	287	238	278	240	251	233	232	189	218	202	175	157	164	129
traffic accident (others)	16	11	11	16	10	18	16	14	14	10	9	12	12	6	3	4	3	1	12	3	3	5	6
reaction to motion/improper motion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
others	18	18	10	25	39	52	47	45	47	38	36	46	458	56	47	59	61	58	60	43	42	41	113
unclassifiable	5	2	3	6	5	5	8	3	4	7	9	4	7	5	7	4	8	2	4	3	2	0	5
total	1,992	1,889	1,790	1,658	1,628	1,620	1,514	1,472	1,357	1,268	1,075	1,195	2,338	1,093	1,030	1,057	972	928	978	909	845	802	867

Causal agents (middle) of fatal accidents in total in 1999-2021

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
engine	3	0	0	0	2	0	2	2	0	3	0	0	2	1	0	0	0	1	0	0	1	0	0
power transmission mechanism	1	10	2	3	4	3	0	4	3	8	3	1	2	1	4	2	1	6	0	4	1	0	3
woodworking machine	9	12	15	7	6	9	9	4	11	9	3	5	7	4	7	6	5	0	1	8	8	4	3
construction machine	160	144	124	115	112	98	98	89	84	88	76	73	60	74	59	68	52	50	58	49	45	57	49
metal manufacturing machine	17	20	15	20	16	13	9	24	15	12	7	18	7	17	19	14	5	11	5	6	5	10	11
general machine	66	70	61	67	60	57	52	48	40	55	50	41	38	36	37	39	38	29	44	29	30	34	39
mobile silviculture machine																	5	6	8	3	5	6	2
crane	75	88	91	78	74	63	69	66	67	52	44	52	46	47	40	47	41	56	41	39	44	28	35

conveying machine	522	502	440	408	408	417	404	343	328	266	234	276	230	238	204	242	183	195	224	170	165	174	162
vehicle	312	286	284	271	256	237	255	218	170	176	146	146	149	149	134	144	116	127	115	105	97	106	78
pressure vessel	1	5	4	5	0	8	4	5	2	1	0	4	2	1	1	0	2	2	2	2	0	0	0
chemical facilities	0	0	4	3	1	1	0	0	1	4	5	0	2	1	2	5	1	2	0	1	0	2	0
welding equipment	3	3	6	2	5	3	3	2	5	6	3	7	3	4	1	4	10	4	4	5	4	2	2
kiln, caldron	5	0	7	10	3	8	2	2	11	4	3	0	0	3	6	2	1	6	3	0	2	3	3
electric equipment	30	24	22	13	9	19	20	15	12	23	14	9	8	12	8	13	9	12	7	9	3	4	12
human power machine, tools	9	11	8	11	7	8	11	13	7	9	5	8	2	7	4	2	7	3	7	8	9	6	3
tools	72	74	84	63	74	74	58	75	61	60	51	62	43	42	53	49	46	41	51	47	36	26	44
other equipments, facilities	18	19	16	18	23	19	17	14	11	20	17	14	13	14	12	21	15	16	9	13	12	15	7
temporary buildings, establishments	360	320	327	293	294	284	226	254	251	232	189	213	196	201	177	172	161	163	184	179	140	121	147
hazards, harmful substances	40	45	26	27	45	29	18	31	38	16	20	15	19	23	24	20	23	8	13	19	49	11	19
materials	41	38	46	39	22	30	40	36	34	29	24	24	19	23	24	16	25	12	20	18	9	15	16
load	30	34	34	25	27	43	30	31	36	26	20	22	21	25	17	15	20	17	15	19	23	16	14
natural environment	184	168	156	149	145	145	135	157	119	128	114	158	1,409	110	142	110	130	100	103	129	105	115	103
other causal agent	19	8	10	14	27	33	21	10	9	5	9	5	7	1	6	12	3	1	0	4	6	23	89
no causal agent	7	2	3	10	3	11	19	22	37	29	28	37	44	52	43	49	62	57	59	37	39	21	21
unclassifiable	8	6	5	7	5	8	12	7	5	7	10	5	9	7	6	5	11	3	5	6	7	3	5
total	1,992	1,889	1,790	1,658	1,628	1,620	1,514	1,472	1,357	1,268	1,075	1,195	2,338	1,093	1,030	1,057	972	928	978	909	845	802	867

Causal agents (small) of fatal accidents in total in 1999-2021

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
engine	3	0	0	0	2	0	2	2	0	3	0	0	2	1	0	0	0	1	0	0	1	0	0
power transmission mechanism	1	10	2	3	4	3	0	4	3	8	3	1	2	1	4	2	1	6	0	4	1	0	3
circular sawing machine	4	6	4	3	3	4	4	1	5	5	3	1	1	2	3	3	2	0	0	2	2	0	1
band sawing machine	2	0	2	0	2	0	1	2	1	0	0	1	2	0	0	3	0	0	0	1	1	0	0
wood planer machine	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

mobile logging machine																	3	3	3	3	0	3	0
skyline yarding machine																	1	0	0	0	0	0	0
other mobile silviculture machine																	0	0	0	0	0	0	0
crane	29	23	24	19	24	17	21	15	22	18	14	16	15	12	11	15	8	27	10	9	18	6	18
mobile crane	29	39	41	34	26	32	27	26	23	18	18	22	11	19	22	19	21	11	22	25	18	16	10
derrick crane	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
elevator, lift	9	13	17	11	17	6	8	13	14	11	9	8	13	11	1	6	9	14	7	4	3	3	6
cargo lifting appliance	0	0	1	0	0	1	0	2	0	1	0	2	1	2	2	1	0	2	0	0	0	2	0
gondola	2	0	0	1	0	0	2	0	1	0	0	0	1	1	2	0	0	0	0	0	0	0	0
lumberyard equipment, logging cableway	3	6	5	4	1	3	3	5	1	0	3	0	1	1	0	3	0	1	1	0	0	1	0
simple skyline yarding equipment																	0	0	0	0	0	0	0
other powered crane	3	7	3	9	6	4	8	5	6	3	0	4	3	1	2	3	3	1	1	1	5	0	1
truck	410	413	360	319	322	311	323	257	260	209	169	216	171	174	161	187	141	135	165	117	121	125	122
forklift	55	45	37	47	41	46	42	48	34	30	29	29	33	34	24	27	24	28	30	26	20	31	21
railway equipment	5	0	0	3	1	4	5	2	1	2	0	1	1	1	0	2	0	2	1	0	0	1	1
conveyor	21	25	10	16	16	20	11	17	23	13	13	14	8	15	10	15	9	15	17	17	8	11	10
loader	2	3	1	2	2	6	1	1	1	0	0	0	4	0	0	0	0	3	0	2	0	0	0
straddle carrier	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	0	1	1	0	0
rough terrain hauler	11	3	4	7	4	8	3	1	2	1	7	2	1	2	2	3	1	3	3	1	5	2	1
other powered conveying machines	18	13	28	14	22	22	19	16	7	10	16	13	12	12	7	8	8	8	8	6	10	4	7
cars, bus, motorcycle	283	263	259	244	239	211	225	193	149	154	126	126	130	134	121	131	103	118	93	98	88	94	62
railway vehicle	9	8	6	6	6	3	15	10	3	1	5	2	3	2	3	1	2	0	3	1	2	1	0
other vehicles	20	15	19	21	11	23	15	15	18	21	15	18	16	13	10	12	11	9	19	6	7	11	16
boiler	0	0	0	2	0	0	1	2	0	0	0	2	1	0	0	0	1	1	0	1	0	0	0
pressure vessel	1	3	3	1	0	7	1	2	1	0	0	2	0	1	0	0	0	1	1	0	0	0	0
other pressure vessels	0	2	1	2	0	1	2	1	1	1	0	0	1	0	1	0	1	0	1	1	0	0	0
chemical facilities	0	0	4	3	1	1	0	0	1	4	5	0	2	1	2	5	1	2	0	1	0	2	0
gas welding equipment	0	0	2	0	0	0	0	0	1	3	2	2	0	3	1	1	6	1	1	3	0	2	1

arc welding equipment	3	3	4	2	4	3	3	2	4	3	1	5	2	0	0	3	3	3	3	2	4	0	0	
other welding equipment	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	1	
kiln, caldron	4	0	5	9	1	5	0	2	11	2	3	0	0	2	6	2	1	5	3	0	1	3	2	
industrial dryer	1	0	1	0	2	2	2	0	0	2	0	0	0	1	0	0	0	1	0	0	1	0	1	
other kiln, caldron	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
transmission	14	16	9	9	4	17	12	7	7	12	9	6	5	7	5	6	7	9	6	5	3	3	6	
electric power facilities	12	4	10	3	4	2	6	6	5	6	4	2	1	3	3	6	1	2	1	4	0	1	4	
other electrical equipment	4	4	3	1	1	0	2	2	0	5	1	1	2	2	0	1	1	1	0	0	0	0	2	
human power cranes	3	3	3	2	3	1	0	4	1	2	1	0	1	1	2	0	2	2	2	2	2	3	1	2
human power hauling equipment	3	4	4	6	2	5	8	7	4	4	4	8	1	4	2	2	5	1	5	5	6	3	0	
human power machine	0	1	1	1	0	0	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	1	
hand tool	3	3	0	2	2	2	3	1	2	1	0	0	0	1	0	0	0	0	0	1	0	2	0	
ladder	40	39	43	36	43	42	32	39	40	27	30	44	27	27	35	27	26	20	33	29	23	17	30	
slinging tool	22	23	26	21	16	19	15	27	15	23	13	8	11	11	12	9	13	16	9	15	4	8	8	
other tools	10	12	15	6	15	13	11	9	6	10	8	10	5	4	6	13	7	5	9	3	9	1	6	
other equipment, facilities	18	19	16	18	23	19	17	14	11	20	17	14	13	14	12	21	15	16	9	13	12	15	7	
scaffolding	78	55	56	53	53	50	44	31	36	38	28	49	29	26	36	36	27	17	31	25	23	19	14	
timbering	5	2	7	3	0	4	0	2	1	1	2	2	3	7	1	1	2	0	2	0	0	0	1	
stairs, landing stage	16	10	10	10	12	10	10	15	19	14	18	17	10	12	12	10	6	10	17	18	15	8	11	
opening	13	20	21	21	13	29	17	21	16	18	18	10	14	20	10	7	18	8	12	20	10	7	15	
roof, beam, haze, crossbeam, principal rafter	94	76	85	81	70	84	57	61	59	55	37	41	54	53	57	39	47	49	44	51	37	27	33	
working platform, boot board	25	22	18	16	21	15	9	18	18	16	17	13	14	9	10	14	11	7	7	11	9	7	13	
passage	7	9	8	8	4	7	5	12	13	2	4	13	10	7	7	6	5	9	6	10	6	9	16	
building, establishment	104	105	103	82	94	62	68	76	74	77	52	50	52	57	38	47	35	54	45	38	32	32	38	
other temporary buildings, establishments	18	21	19	19	27	23	16	18	15	11	13	18	10	10	6	12	10	9	20	6	8	12	6	
explosive substance	4	2	0	1	12	1	5	1	0	1	3	1	0	1	0	0	0	0	2	3	0	0	0	
inflammable substance	9	18	10	3	14	6	2	15	12	3	5	2	4	5	8	2	4	2	2	3	37	2	8	

inflammable gas	2	2	4	3	2	5	2	0	9	3	0	1	4	8	4	2	3	1	0	2	2	1	1
harmful substance	19	17	9	18	15	14	9	13	13	6	11	11	8	7	11	14	13	4	7	8	5	6	8
radiation	1	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	5	6	3	2	2	3	0	2	4	3	1	0	3	2	1	2	3	1	2	3	5	2	2
metal material	26	18	26	21	13	18	21	22	24	21	13	13	11	14	18	11	15	4	14	13	7	8	10
lumber, bamboo	5	11	9	11	2	7	7	9	7	5	3	6	2	4	2	1	5	2	3	3	2	3	2
stone, sand, substance	5	6	5	2	3	1	7	2	1	0	0	0	3	2	0	2	1	3	1	2	0	2	2
other materials	5	3	6	5	4	4	5	3	2	3	8	5	3	3	4	2	4	3	2	0	0	2	2
load	25	28	30	25	22	35	22	25	28	23	16	18	16	21	14	12	14	16	12	16	20	12	11
machine/equipment as load	5	6	4	0	5	8	8	6	8	3	4	4	5	4	3	3	6	1	3	3	3	4	3
natural ground, rock	77	59	64	56	57	49	32	39	40	32	37	26	28	25	37	25	24	24	19	24	25	22	21
standing tree	57	48	45	40	37	41	47	49	44	38	36	50	34	39	35	51	50	35	37	35	35	35	31
water	15	19	10	12	14	24	13	14	11	22	18	14	1,301	13	17	12	11	16	21	20	9	16	11
abnormal environment	2	9	8	7	5	3	5	8	2	9	4	5	4	7	5	1	5	4	4	7	5	9	7
high/cold temperature environment	21	17	27	23	17	14	24	17	18	17	9	49	21	19	32	12	30	12	15	30	25	24	20
other environments	12	16	2	11	15	14	14	30	4	10	10	14	21	7	16	9	10	9	7	13	6	9	13
other causal agent	19	8	10	14	27	33	21	10	9	5	9	5	7	1	6	12	3	1	0	4	6	23	89
no causal agent	7	2	3	10	3	11	19	22	37	29	28	37	44	52	43	49	62	57	59	37	39	21	21
unclassifiable	8	6	5	7	5	8	12	7	5	7	10	5	9	7	6	5	11	3	5	6	7	3	5
total	1,992	1,889	1,790	1,658	1,628	1,620	1,514	1,472	1,357	1,268	1,075	1,195	2,338	1,093	1,030	1,057	972	928	978	909	845	802	867

Workers age of fatal accidents in total in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
19 years old or less	35	30	38	21	25	25	27	21	12	15	14	19	24	15	19	21	11	7	13	11	4	10	2
20-29	309	270	284	232	208	181	174	177	147	122	119	127	203	88	97	111	88	95	89	78	82	65	67
30-39	240	271	267	244	233	276	224	235	217	191	146	187	373	176	137	141	122	128	100	99	95	93	72
40-49	371	333	293	281	273	243	259	223	202	216	187	196	474	207	192	202	177	181	213	176	174	130	142

50-59	545	513	501	484	500	488	464	452	400	336	283	301	660	275	218	230	247	224	235	202	184	186	216
60 years old or more	492	472	407	396	389	407	366	364	379	388	326	365	604	332	367	352	327	293	328	343	306	318	368
total	1,992	1,889	1,790	1,658	1,628	1,620	1,514	1,472	1,357	1,268	1,075	1,195	2,338	1,093	1,030	1,057	972	928	978	909	845	802	867

Workers' number of workplace of fatal accidents in total in 1999-2021

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
9 workers or less	666	639	617	590	560	600	529	560	514	462	376	436	847	411	376	364	373	331	380	321	281	313	306
10-29	678	641	601	529	540	535	493	449	408	376	326	364	748	331	289	351	312	281	304	297	260	237	261
30-49	269	253	256	217	230	194	202	186	174	177	165	147	330	137	160	133	114	148	115	106	105	103	111
50-99	182	170	160	140	153	118	127	132	120	108	100	105	216	88	86	102	72	75	83	80	105	62	79
100-299	126	126	114	120	98	122	104	101	86	97	80	98	142	80	80	80	67	65	62	73	66	60	78
300 workers or more	71	60	42	62	47	51	59	44	55	48	28	45	55	46	39	27	34	28	34	32	28	27	32
total	1,992	1,889	1,790	1,658	1,628	1,620	1,514	1,472	1,357	1,268	1,075	1,195	2,338	1,093	1,030	1,057	972	928	978	909	845	802	867

Month of fatal accidents in total in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
January	161	155	140	130	128	120	113	106	108	107	107	122	77	99	94	97	89	77	97	80	60	66	70
February	171	157	134	122	154	127	126	132	112	100	112	85	82	105	66	111	83	83	102	82	81	65	74
March	191	182	171	156	156	154	152	129	130	103	92	99	1,414	99	75	113	83	83	82	67	64	76	63
April	148	128	153	130	119	126	123	119	97	102	63	76	82	77	67	68	74	85	69	52	64	71	59
May	134	108	143	103	123	95	94	90	107	112	65	83	82	76	68	77	83	68	72	54	63	50	82
June	163	158	130	137	112	126	141	108	112	97	84	82	92	88	87	76	62	59	57	72	58	59	74
July	163	194	166	165	157	131	118	141	118	124	92	134	79	98	108	90	84	77	88	105	115	70	94
August	180	179	162	125	143	147	138	139	124	109	93	121	84	102	100	99	97	73	96	73	61	68	88
September	185	151	150	109	113	158	114	135	126	93	82	86	87	92	76	85	98	83	70	95	78	71	66
October	147	154	167	157	147	165	116	114	116	105	93	92	75	86	92	84	96	82	77	99	72	66	69

November	163	161	117	152	150	129	130	128	99	107	92	104	91	87	106	73	70	85	80	70	75	57	59
December	186	162	157	172	126	142	149	131	108	109	100	111	93	84	91	84	53	73	88	60	54	83	69
total	1,992	1,889	1,790	1,658	1,628	1,620	1,514	1,472	1,357	1,268	1,075	1,195	2,338	1,093	1,030	1,057	972	928	978	909	845	802	867

Prefecture of fatal accidents in total in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Hokkaido	132	128	128	136	99	118	105	93	90	81	69	94	64	83	64	65	65	77	81	63	62	51	59
Aomori	20	14	32	13	23	12	16	13	18	28	16	13	17	14	7	14	11	11	16	11	16	9	13
Iwate	32	22	32	26	18	26	24	22	20	17	13	17	419	16	19	26	21	19	23	16	8	16	23
Miyagi	37	47	33	17	29	26	31	24	17	24	23	22	845	18	17	22	22	16	17	23	17	15	15
Akita	30	20	14	18	14	9	17	20	14	14	11	13	13	9	22	8	19	12	10	13	5	7	7
Yamagata	23	19	21	18	8	12	13	15	9	16	10	9	8	14	11	15	10	7	6	9	8	7	6
Fukushima	44	34	39	37	29	29	33	25	34	35	18	19	102	26	31	31	23	20	20	13	20	29	17
Ibaraki	48	38	51	61	37	43	44	31	43	26	28	33	31	40	35	40	33	26	19	24	24	18	22
Tochigi	36	41	44	28	38	30	36	33	14	26	16	26	17	19	16	22	16	17	16	14	16	9	19
Gunma	30	32	34	31	19	31	27	25	29	21	27	20	8	18	17	27	11	14	20	20	12	10	14
Saitama	57	74	71	63	62	66	60	40	45	44	41	51	41	45	45	34	35	32	32	35	33	18	34
Chiba	69	69	71	73	67	64	53	64	58	56	42	44	33	36	48	53	41	36	43	28	36	31	21
Tokyo	122	113	120	99	86	100	85	99	97	66	53	73	76	82	54	74	67	58	66	63	47	39	77
Kanagawa	65	87	74	64	86	70	70	63	58	44	52	52	54	46	44	32	36	28	30	34	24	37	49
Niigata	50	32	33	32	35	37	37	31	35	26	25	26	21	20	30	14	13	22	8	16	19	15	18
Toyama	23	20	24	15	20	16	19	23	11	21	10	13	16	10	11	10	12	15	11	18	13	13	11
Ishikawa	23	16	11	18	20	19	17	8	16	16	20	11	12	12	8	15	10	9	12	15	8	10	7
Fukui	24	18	11	16	13	17	11	14	16	20	12	8	9	8	17	13	10	7	5	10	12	6	7
Yamanashi	10	18	16	20	17	11	8	14	10	15	9	14	12	7	9	13	12	10	7	7	3	6	6
Nagano	46	44	37	33	18	32	25	23	20	16	18	25	25	13	20	18	16	16	21	19	15	16	16
Gifu	40	49	29	34	47	34	27	26	20	26	22	24	18	18	16	14	25	18	19	16	10	11	26

Shizuoka	65	73	49	61	56	60	52	52	48	49	31	40	42	35	25	33	34	25	33	33	17	24	23
Aichi	102	92	102	85	107	79	75	95	71	81	50	58	53	49	54	61	48	43	44	45	45	50	26
Mie	33	38	44	32	32	36	32	25	27	24	18	31	16	22	16	20	16	18	19	17	14	18	20
Shiga	27	35	15	20	19	23	22	13	16	14	18	11	10	11	12	10	8	15	9	11	10	19	7
Kyoto	27	37	27	28	34	21	19	22	24	23	23	20	18	11	16	18	20	8	21	9	48	9	16
Osaka	86	103	96	95	96	88	102	101	97	71	72	63	58	58	68	53	47	51	60	72	53	48	64
Hyogo	84	89	83	64	67	67	56	72	58	49	45	61	37	43	36	43	51	44	30	36	31	34	40
Nara	26	16	19	8	17	16	13	14	21	15	12	14	9	11	9	15	8	14	7	10	6	9	9
Wakayama	24	23	25	14	15	17	14	16	16	13	11	9	10	10	7	10	12	14	9	6	8	9	9
Tottori	17	16	9	11	9	6	14	15	4	4	6	8	10	6	5	3	3	1	4	1	4	8	6
Shimane	18	15	14	9	19	4	8	11	10	9	13	10	12	7	12	7	5	8	4	4	6	4	6
Okayama	42	37	45	40	22	33	34	23	25	15	19	18	17	33	35	14	17	14	19	15	15	16	7
Hiroshima	72	53	41	31	33	72	47	39	35	41	19	31	30	31	28	24	24	18	31	28	23	14	11
Yamaguchi	34	31	20	24	21	29	23	26	22	9	22	11	15	13	14	19	13	22	12	14	11	11	12
Tokushima	18	20	14	18	14	12	15	12	11	7	8	11	8	10	9	11	3	10	8	12	7	5	8
Kagawa	24	10	18	25	14	17	20	11	15	12	8	12	10	18	8	10	10	6	13	8	6	12	11
Ehime	32	33	30	26	28	23	25	28	26	26	15	19	14	16	13	10	16	19	15	13	16	11	10
Kochi	24	15	19	16	11	25	17	9	14	6	14	9	6	14	12	11	5	9	8	9	13	9	7
Fukuoka	85	61	58	70	81	57	49	53	40	52	39	40	40	49	34	42	36	30	36	36	23	34	31
Saga	21	12	15	16	10	9	11	16	6	7	5	14	3	5	6	7	8	9	8	7	3	13	6
Nagasaki	17	20	28	17	23	20	18	20	9	18	17	17	18	10	17	11	13	13	16	9	9	13	9
Kumamoto	31	35	28	16	31	26	20	23	18	27	21	22	15	22	15	10	14	16	22	14	15	10	11
Oita	41	24	15	21	16	23	29	19	14	22	19	11	14	20	8	10	12	11	16	7	16	13	10
Miyazaki	24	22	24	20	28	15	14	17	19	7	9	17	8	11	12	15	14	15	17	9	12	13	13
Kagoshima	43	34	16	30	29	30	20	20	28	23	12	19	15	17	12	21	17	20	21	13	15	14	16
Okinawa	14	10	11	9	11	10	7	14	9	6	14	12	9	7	6	9	10	5	14	4	11	9	12
total	1,992	1,889	1,790	1,658	1,628	1,620	1,514	1,472	1,357	1,268	1,075	1,195	2,338	1,093	1,030	1,057	972	928	978	909	845	802	867

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

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