

Industrial accidents in all industries in Japan in 1999-2020

all industries industry Code No.0

Type of accidents in all industries in 1999-2020

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
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
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
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
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
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
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
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
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
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
drown	47	46	33	32	31	44	42	32	23	41	38	30	933	34	31	41	30	36	44	46	30	27
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
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
electric shock	180	194	186	157	130	160	151	115	151	149	102	118	100	108	120	116	105	99	81	126	89	92

explosion	165	156	139	119	156	123	121	100	146	119	81	93	69	107	78	93	56	58	67	64	66	64
burst	97	85	94	89	85	89	77	75	76	83	55	48	58	60	43	52	53	60	45	44	42	51
fire	129	114	129	105	115	112	104	144	113	107	106	93	86	73	83	87	83	81	44	85	128	61
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
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
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
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
unclassifiable	403	369	413	438	407	393	339	372	360	348	270	230	227	315	321	310	269	259	275	267	266	177
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

Causal agents (middle) of industrial accidents in all industries in 1999-2020

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
engine	60	74	61	42	44	52	43	36	47	44	35	32	27	51	31	24	33	32	38	38	31	19
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
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
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
metal manufacturing	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





machines			1,023		878		763	680	713	634	519	518	551	524	483	475	411	436	390	374	387	349
leveling, transporting or loading machine			407		381		346	347	306	295	260	293	268	287	279	235	272	251	270	277	234	237
excavating machine			1,108		913		942	823	752	752	663	645	671	696	681	690	573	567	586	593	653	672
foundation work machine			107		80		86	87	69	63	54	53	56	64	62	62	70	61	57	64	51	61
hardening machine			175		137		96	111	100	99	88	99	74	78	64	83	84	79	57	52	66	52
demolition machine			131		126		131	125	119	120	112	98	104	105	171	186	192	193	181	164	171	162
vehicle for high lift work			91		95		98	114	112	119	105	92	90	88	81	89	102	105	95	78	119	100
other construction machines			460		388		421	364	330	337	313	292	327	331	322	297	212	227	180	198	168	173
lathe			527		424		395	433	363	385	287	298	306	338	267	241	284	244	210	249	227	222
drill press, milling machine			680		572		558	536	510	494	319	327	323	298	300	299	314	286	232	250	229	220
grinding machine, buffing machine			849		797		755	726	816	749	599	633	689	620	561	603	565	569	549	562	560	521
power press			1,119		1,116		1,030	973	904	785	527	559	649	651	586	602	565	517	559	524	503	452
forging pressure hammer			30		17		25	21	19	26	16	18	12	12	12	11	12	12	14	10	15	11
shearing machine			194		213		176	156	189	160	144	141	120	141	102	132	105	125	95	101	95	91
other metal manufacturing machines			1,716		1,480		1,353	1,415	1,341	1,191	821	921	981	956	931	931	796	779	844	831	817	725
centrifugal machine			21		21		16	24	18	25	13	12	16	13	18	16	15	13	11	17	18	12
mixer, grinder			389		356		313	324	331	300	262	243	248	284	282	256	250	201	221	224	243	238
roll machine (except printingroll machine)			646		602		566	532	529	509	446	479	416	439	440	424	385	348	417	365	358	354
injection molding machine			194		204		174	146	162	108	119	121	90	104	97	73	73	69	75	95	76	71
food manufacturing machine			2,476		2,347		2,267	2,004	2,001	2,152	1,967	1,992	1,992	1,902	1,852	1,723	1,784	1,778	1,744	1,588	1,658	1,548
printing machine			521		470		424	410	390	377	326	304	295	290	263	249	211	224	216	191	176	180

industrial robot			26		47		36	36	51	34	29	26	30	31	30	29	26	24	26	26	22	24
other general power machines			5,335		5,064		4,430	4,507	4,309	4,126	3,626	3,571	3,576	3,371	3,282	3,158	3,184	3,083	3,071	3,176	3,206	2,954
felling machine																48	56	39	37	45	65	
mobile logging machine																27	20	19	24	21	18	
skyline yarding machine																12	15	7	11	15	11	
other mobile silviculture machine																4	5	3	5	6	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
mobile crane			969		912		870	766	736	768	648	619	588	566	660	630	615	597	564	603	589	570
derrick crane			5		3		2	4	4	4	1	5	3	2	0	2	0	0	0	0	1	0
elevator, lift			321		280		228	268	271	218	214	174	168	189	180	193	184	145	155	176	197	159
cargo lifting appliance			20		12		14	10	14	6	5	10	16	5	12	11	5	13	14	12	16	11
gondola			15		10		14	13	8	21	11	12	13	5	11	7	4	5	10	7	8	5
lumberyard equipment, logging cableway			63		45		50	42	35	44	34	39	24	34	21	0	19	21	11	12	9	11
simple skyline yarding equipment																	3	1	0	1	0	3
other powered crane			246		229		234	226	166	169	145	158	156	146	155	145	136	118	108	143	132	130
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
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
railway equipment			33		28		29	36	29	37	24	15	24	26	28	25	26	13	16	19	31	18
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
loader			66		66		52	61	43	50	38	36	48	48	37	50	48	47	47	40	57	47
straddle carrier			0		5		1	6	2	5	1	2	3	5	2	7	4	5	5	4	2	4
rough terrain hauler			48		41		33	31	19	37	43	20	23	17	22	25	28	18	34	25	30	23
other powered conveying			665		647		623	623	587	543	444	527	521	498	465	478	408	409	464	460	430	376

machines																						
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
railway vehicle			72		64		92	83	65	73	75	64	71	64	91	65	50	67	74	65	81	65
other vehicles			793		770		801	758	861	702	660	636	644	713	565	560	539	489	513	488	493	395
boiler			28		19		32	27	36	17	23	23	14	18	19	22	7	13	14	16	17	10
pressure vessel			65		52		42	39	35	39	36	24	29	41	26	18	29	31	38	22	29	23
other pressure vessels			117		105		76	63	76	82	71	54	61	75	59	63	47	65	49	55	38	41
chemical facilities			27		44		57	45	40	40	26	25	33	33	17	38	29	32	24	43	30	21
gas welding equipment			96		83		97	57	84	70	85	64	66	57	53	53	54	50	56	82	65	40
arc welding equipment			107		87		102	97	120	102	96	65	69	64	84	79	69	87	63	73	64	69
other welding equipment			140		112		106	107	97	115	54	55	48	76	77	86	70	70	68	59	67	59
kiln, caldron			205		203		181	182	174	185	173	194	144	151	174	146	145	119	169	170	215	172
industrial dryer			29		20		30	24	21	25	29	21	26	23	25	27	16	16	29	16	28	25
other kiln, caldron			30		37		12	31	24	24	25	16	18	19	20	30	35	30	23	22	21	17
transmission			117		96		116	101	136	142	115	88	101	140	112	123	140	139	163	185	173	138
electric power facilities			73		64		65	50	72	66	51	72	50	56	49	60	47	45	42	59	38	45
other electrical equipment			138		108		106	96	85	105	72	86	99	65	91	89	76	92	88	91	90	116
human power cranes			113		115		100	94	97	95	57	66	82	60	65	72	56	62	64	84	406	573
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
human power machine			189		124		126	130	124	114	85	106	96	100	113	110	101	85	100	85	94	94
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
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
slinging tool			815		743		758	706	704	647	518	516	482	483	497	448	449	468	444	417	418	369
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
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
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

timbering			224		148		132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49
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
opening			578		493		476	505	494	449	457	395	387	433	429	420	413	456	420	494	502	484
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
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
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
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
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
explosive substance			47		48		44	29	27	22	19	21	15	17	31	18	17	16	14	14	14	11
inflammable substance			218		190		166	197	199	163	127	152	111	147	124	153	112	101	112	106	164	98
inflammable gas			116		108		88	93	94	106	59	63	95	85	61	79	49	80	59	70	59	55
harmful substance			330		307		341	380	320	272	214	264	294	255	258	230	278	250	238	259	213	192
radiation			1		2		0	1	0	3	1	0	0	1	0	1	1	1	5	0	0	0
other hazards, harmful substances			534		520		524	472	467	419	411	350	452	416	432	445	415	470	475	411	481	456
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
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
stone, sand, substance			917		721		642	580	543	492	396	401	408	408	400	448	321	326	336	334	347	323
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
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
machine/equipment as load			862		713		706	713	710	683	586	590	528	589	543	458	459	451	396	423	461	431
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
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
water			155		178		183	204	170	182	163	126	1,450	155	184	188	130	148	135	204	160	206







Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
Yamanashi	816	836	879		855		830	834	803	869	686	716	762	704	777	805	755	744	726	830	801	745
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
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
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
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
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
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
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

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
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
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
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
Tottori	646	722	639		601		575	548	569	521	452	465	547	467	465	495	462	461	507	535	509	584
Shimane	1,039	1,031	1,026		949		854	863	820	821	749	727	759	708	729	719	697	689	722	744	708	688
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Industrial accidents mean fatal and non-fatal injuries 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)

Return to [https://www.jisha.or.jp/english/statistics/2020e\\_industry.html](https://www.jisha.or.jp/english/statistics/2020e_industry.html)

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Fatal accidents in all industries in Japan in 1999-2020

all industries industry Code No.0

Type of fatal accidents in all industries in 1999-2020

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
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
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
crash	14	7	8	4	15	8	10	10	6	11	9	5	7	3	8	5	7	3	3	3	2	11
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
collapse	132	114	112	110	104	90	86	100	92	83	67	67	63	76	56	58	65	57	57	54	56	48
crashed by	145	137	108	104	74	102	111	125	94	96	74	73	62	72	76	97	67	78	83	58	77	54
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
cut	5	9	7	8	11	7	8	4	6	6	4	8	6	8	5	4	2	0	0	5	4	6
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
drown	35	37	22	26	27	40	31	26	20	38	33	23	911	31	25	35	24	31	38	35	24	21
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
contact to harmful substance	25	30	21	32	24	19	17	29	15	20	20	20	20	17	18	17	22	9	13	17	14	21
electric shock	33	34	30	16	14	23	28	19	14	21	14	13	12	15	5	15	11	11	9	13	3	6
explosion	14	7	7	5	21	15	7	3	13	9	9	5	6	13	12	12	2	3	6	7	4	4
burst	6	3	5	1	0	6	5	3	0	5	1	3	1	3	2	4	1	6	1	1	0	2
fire	11	20	40	4	22	6	6	22	14	9	18	5	9	7	9	9	13	3	5	6	45	6
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
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

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
others	18	18	10	25	39	52	47	45	47	38	36	46	458	56	47	59	61	58	60	43	42	41
unclassifiable	5	2	3	6	5	5	8	3	4	7	9	4	7	5	7	4	8	2	4	3	2	0
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

Causal agents (middle) of fatal accidents in all industries in 1999-2020

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
engine	3	0	0	0	2	0	2	2	0	3	0	0	2	1	0	0	0	1	0	0	1	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
woodworking machine	9	12	15	7	6	9	9	4	11	9	3	5	7	4	7	6	5	0	1	8	8	4
construction machine	160	144	124	115	112	98	98	89	84	88	76	73	60	74	59	68	52	50	58	49	45	57
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
general machine	66	70	61	67	60	57	52	48	40	55	50	41	38	36	37	39	38	29	44	29	30	34
mobile silviculture machine																	5	6	8	3	5	6
crane	75	88	91	78	74	63	69	66	67	52	44	52	46	47	40	47	41	56	41	39	44	28
conveying machine	522	502	440	408	408	417	404	343	328	266	234	276	230	238	204	242	183	195	224	170	165	174
vehicle	312	286	284	271	256	237	255	218	170	176	146	146	149	149	134	144	116	127	115	105	97	106
pressure vessel	1	5	4	5	0	8	4	5	2	1	0	4	2	1	1	0	2	2	2	2	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
welding equipment	3	3	6	2	5	3	3	2	5	6	3	7	3	4	1	4	10	4	4	5	4	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
electric equipment	30	24	22	13	9	19	20	15	12	23	14	9	8	12	8	13	9	12	7	9	3	4
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
tools	72	74	84	63	74	74	58	75	61	60	51	62	43	42	53	49	46	41	51	47	36	26
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
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

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
materials	41	38	46	39	22	30	40	36	34	29	24	24	19	23	24	16	25	12	20	18	9	15
load	30	34	34	25	27	43	30	31	36	26	20	22	21	25	17	15	20	17	15	19	23	16
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
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
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
unclassifiable	8	6	5	7	5	8	12	7	5	7	10	5	9	7	6	5	11	3	5	6	7	3
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

Causal agents (small) of fatal accidents in all industries in 1999-2020

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
engine	3	0	0	0	2	0	2	2	0	3	0	0	2	1	0	0	0	1	0	0	1	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
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
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
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
hollow chisel mortiser, wood borer	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
chamfering machine, router, woodworking milling machine	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
chain saw	0	1	1	0	1	2	0	0	1	1	0	2	1	1	0	0	1	0	0	0	1	2
other woodworking machines	2	4	6	4	0	3	3	1	2	3	0	1	2	1	4	0	2	0	1	5	3	2
leveling, transporting or loading machine	34	30	29	25	22	25	24	16	30	17	16	16	13	14	9	16	8	13	14	13	13	13
excavating machine	79	73	61	47	52	36	41	41	28	34	25	30	27	25	31	26	20	14	24	14	15	19
foundation work machine	5	4	6	4	4	2	8	0	1	3	2	0	2	1	0	2	2	0	2	4	0	3
hardening machine	17	8	8	14	9	8	10	9	0	8	3	9	2	2	3	5	1	4	3	2	2	4
demolition machine	3	3	4	2	3	6	0	0	3	4	4	1	2	3	3	8	11	11	5	8	6	6
vehicle for high lift work	6	10	7	8	5	6	4	11	13	9	8	5	4	10	5	8	5	4	5	3	5	6

other construction machines	16	16	9	15	17	15	11	12	9	13	18	12	10	19	8	3	5	4	5	5	4	6
lathe	4	4	8	2	2	2	1	3	3	3	3	3	3	3	5	5	1	6	1	1	1	1
drill press, milling machine	3	2	1	2	3	0	3	2	1	0	2	1	0	2	4	1	0	2	0	1	2	1
grinding machine, buffing machine	2	1	0	3	3	1	0	0	0	1	0	4	1	2	1	0	1	1	0	0	0	2
power press	2	2	3	4	0	3	0	2	1	2	2	0	1	2	2	3	0	0	1	0	0	2
forging pressure hammer	0	0	1	1	0	0	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0
shearing machine	0	1	0	0	2	0	0	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0
other metal manufacturing machines	6	10	2	8	6	7	4	16	7	5	0	8	2	7	7	4	3	1	3	4	2	4
centrifugal machine	0	0	6	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
mixer, grinder	13	10	11	15	10	8	11	9	7	11	6	8	4	7	14	7	5	4	5	3	5	6
roll machine (except printingroll machine)	6	9	5	2	5	5	3	2	3	9	2	3	2	6	1	4	3	2	3	0	0	3
injection molding machine	2	2	2	3	1	1	2	1	1	2	3	0	3	2	2	0	1	0	1	2	1	1
food manufacturing machine	3	3	0	2	6	3	4	3	0	2	3	2	0	0	1	3	0	2	4	0	3	1
printing machine	2	0	0	1	1	0	0	0	1	0	1	1	2	1	2	1	0	0	0	1	0	0
industrial robot	0	1	1	2	6	1	1	4	4	1	2	2	1	2	2	3	3	3	1	1	2	2
other general power machines	40	45	36	42	30	39	31	28	24	30	33	25	26	18	15	21	26	17	30	22	19	21
felling machine																	1	3	5	0	5	3
mobile logging machine																	3	3	3	3	0	3
skyline yarding machine																	1	0	0	0	0	0
other mobile silviculture machine																	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
mobile crane	29	39	41	34	26	32	27	26	23	18	18	22	11	19	22	19	21	11	22	25	18	16
derrick crane	0	0	0	0	0	0	0	0	0	1	0	0	1	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
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
gondola	2	0	0	1	0	0	2	0	1	0	0	0	1	1	2	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
simple skyline yarding equipment																	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
truck	410	413	360	319	322	311	323	257	260	209	169	216	171	174	161	187	141	135	165	117	121	125
forklift	55	45	37	47	41	46	42	48	34	30	29	29	33	34	24	27	24	28	30	26	20	31
railway equipment	5	0	0	3	1	4	5	2	1	2	0	1	1	1	0	2	0	2	1	0	0	1
conveyor	21	25	10	16	16	20	11	17	23	13	13	14	8	15	10	15	9	15	17	17	8	11
loader	2	3	1	2	2	6	1	1	1	0	0	0	4	0	0	0	0	3	0	2	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
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
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
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
railway vehicle	9	8	6	6	6	3	15	10	3	1	5	2	3	2	3	1	2	0	3	1	2	1
other vehicles	20	15	19	21	11	23	15	15	18	21	15	18	16	13	10	12	11	9	19	6	7	11
boiler	0	0	0	2	0	0	1	2	0	0	0	2	1	0	0	0	1	1	0	1	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
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
chemical facilities	0	0	4	3	1	1	0	0	1	4	5	0	2	1	2	5	1	2	0	1	0	2
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
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
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
kiln, caldron	4	0	5	9	1	5	0	2	11	2	3	0	0	2	6	2	1	5	3	0	1	3
industrial dryer	1	0	1	0	2	2	2	0	0	2	0	0	0	1	0	0	0	1	0	0	1	0
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
transmission	14	16	9	9	4	17	12	7	7	12	9	6	5	7	5	6	7	9	6	5	3	3
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
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

human power cranes	3	3	3	2	3	1	0	4	1	2	1	0	1	1	2	0	2	2	2	2	3	1
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
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
hand tool	3	3	0	2	2	2	3	1	2	1	0	0	0	1	0	0	0	0	0	1	0	2
ladder	40	39	43	36	43	42	32	39	40	27	30	44	27	27	35	27	26	20	33	29	23	17
slinging tool	22	23	26	21	16	19	15	27	15	23	13	8	11	11	12	9	13	16	9	15	4	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
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
scaffolding	78	55	56	53	53	50	44	31	36	38	28	49	29	26	36	36	27	17	31	25	23	19
timbering	5	2	7	3	0	4	0	2	1	1	2	2	3	7	1	1	2	0	2	0	0	0
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
opening	13	20	21	21	13	29	17	21	16	18	18	10	14	20	10	7	18	8	12	20	10	7
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
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
passage	7	9	8	8	4	7	5	12	13	2	4	13	10	7	7	6	5	9	6	10	6	9
building, establishment	104	105	103	82	94	62	68	76	74	77	52	50	52	57	38	47	35	54	45	38	32	32
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
explosive substance	4	2	0	1	12	1	5	1	0	1	3	1	0	1	0	0	0	0	2	3	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
inflammable gas	2	2	4	3	2	5	2	0	9	3	0	1	4	8	4	2	3	1	0	2	2	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
radiation	1	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
metal material	26	18	26	21	13	18	21	22	24	21	13	13	11	14	18	11	15	4	14	13	7	8
lumber, bamboo	5	11	9	11	2	7	7	9	7	5	3	6	2	4	2	1	5	2	3	3	2	3
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



Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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
10-29	678	641	601	529	540	535	493	449	408	376	326	364	748	331	289	351	312	281	304	297	260	237
30-49	269	253	256	217	230	194	202	186	174	177	165	147	330	137	160	133	114	148	115	106	105	103
50-99	182	170	160	140	153	118	127	132	120	108	100	105	216	88	86	102	72	75	83	80	105	62
100-299	126	126	114	120	98	122	104	101	86	97	80	98	142	80	80	80	67	65	62	73	66	60
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
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

Month of fatal accidents in all industries in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	161	155	140	130	128	120	113	106	108	107	107	122	77	99	94	97	89	77	97	80	60	66
February	171	157	134	122	154	127	126	132	112	100	112	85	82	105	66	111	83	83	102	82	81	65
March	191	182	171	156	156	154	152	129	130	103	92	99	1,414	99	75	113	83	83	82	67	64	76
April	148	128	153	130	119	126	123	119	97	102	63	76	82	77	67	68	74	85	69	52	64	71
May	134	108	143	103	123	95	94	90	107	112	65	83	82	76	68	77	83	68	72	54	63	50
June	163	158	130	137	112	126	141	108	112	97	84	82	92	88	87	76	62	59	57	72	58	59
July	163	194	166	165	157	131	118	141	118	124	92	134	79	98	108	90	84	77	88	105	115	70
August	180	179	162	125	143	147	138	139	124	109	93	121	84	102	100	99	97	73	96	73	61	68
September	185	151	150	109	113	158	114	135	126	93	82	86	87	92	76	85	98	83	70	95	78	71
October	147	154	167	157	147	165	116	114	116	105	93	92	75	86	92	84	96	82	77	99	72	66
November	163	161	117	152	150	129	130	128	99	107	92	104	91	87	106	73	70	85	80	70	75	57
December	186	162	157	172	126	142	149	131	108	109	100	111	93	84	91	84	53	73	88	60	54	83
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

Prefecture of fatal accidents in all industries in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	132	128	128	136	99	118	105	93	90	81	69	94	64	83	64	65	65	77	81	63	62	51
Aomori	20	14	32	13	23	12	16	13	18	28	16	13	17	14	7	14	11	11	16	11	16	9
Iwate	32	22	32	26	18	26	24	22	20	17	13	17	419	16	19	26	21	19	23	16	8	16
Miyagi	37	47	33	17	29	26	31	24	17	24	23	22	845	18	17	22	22	16	17	23	17	15
Akita	30	20	14	18	14	9	17	20	14	14	11	13	13	9	22	8	19	12	10	13	5	7
Yamagata	23	19	21	18	8	12	13	15	9	16	10	9	8	14	11	15	10	7	6	9	8	7
Fukushima	44	34	39	37	29	29	33	25	34	35	18	19	102	26	31	31	23	20	20	13	20	29
Ibaraki	48	38	51	61	37	43	44	31	43	26	28	33	31	40	35	40	33	26	19	24	24	18
Tochigi	36	41	44	28	38	30	36	33	14	26	16	26	17	19	16	22	16	17	16	14	16	9
Gunma	30	32	34	31	19	31	27	25	29	21	27	20	8	18	17	27	11	14	20	20	12	10
Saitama	57	74	71	63	62	66	60	40	45	44	41	51	41	45	45	34	35	32	32	35	33	18
Chiba	69	69	71	73	67	64	53	64	58	56	42	44	33	36	48	53	41	36	43	28	36	31
Tokyo	122	113	120	99	86	100	85	99	97	66	53	73	76	82	54	74	67	58	66	63	47	39
Kanagawa	65	87	74	64	86	70	70	63	58	44	52	52	54	46	44	32	36	28	30	34	24	37
Niigata	50	32	33	32	35	37	37	31	35	26	25	26	21	20	30	14	13	22	8	16	19	15
Toyama	23	20	24	15	20	16	19	23	11	21	10	13	16	10	11	10	12	15	11	18	13	13
Ishikawa	23	16	11	18	20	19	17	8	16	16	20	11	12	12	8	15	10	9	12	15	8	10
Fukui	24	18	11	16	13	17	11	14	16	20	12	8	9	8	17	13	10	7	5	10	12	6
Yamanashi	10	18	16	20	17	11	8	14	10	15	9	14	12	7	9	13	12	10	7	7	3	6
Nagano	46	44	37	33	18	32	25	23	20	16	18	25	25	13	20	18	16	16	21	19	15	16
Gifu	40	49	29	34	47	34	27	26	20	26	22	24	18	18	16	14	25	18	19	16	10	11
Shizuoka	65	73	49	61	56	60	52	52	48	49	31	40	42	35	25	33	34	25	33	33	17	24
Aichi	102	92	102	85	107	79	75	95	71	81	50	58	53	49	54	61	48	43	44	45	45	50
Mie	33	38	44	32	32	36	32	25	27	24	18	31	16	22	16	20	16	18	19	17	14	18
Shiga	27	35	15	20	19	23	22	13	16	14	18	11	10	11	12	10	8	15	9	11	10	19

Kyoto	27	37	27	28	34	21	19	22	24	23	23	20	18	11	16	18	20	8	21	9	48	9
Osaka	86	103	96	95	96	88	102	101	97	71	72	63	58	58	68	53	47	51	60	72	53	48
Hyogo	84	89	83	64	67	67	56	72	58	49	45	61	37	43	36	43	51	44	30	36	31	34
Nara	26	16	19	8	17	16	13	14	21	15	12	14	9	11	9	15	8	14	7	10	6	9
Wakayama	24	23	25	14	15	17	14	16	16	13	11	9	10	10	7	10	12	14	9	6	8	9
Tottori	17	16	9	11	9	6	14	15	4	4	6	8	10	6	5	3	3	1	4	1	4	8
Shimane	18	15	14	9	19	4	8	11	10	9	13	10	12	7	12	7	5	8	4	4	6	4
Okayama	42	37	45	40	22	33	34	23	25	15	19	18	17	33	35	14	17	14	19	15	15	16
Hiroshima	72	53	41	31	33	72	47	39	35	41	19	31	30	31	28	24	24	18	31	28	23	14
Yamaguchi	34	31	20	24	21	29	23	26	22	9	22	11	15	13	14	19	13	22	12	14	11	11
Tokushima	18	20	14	18	14	12	15	12	11	7	8	11	8	10	9	11	3	10	8	12	7	5
Kagawa	24	10	18	25	14	17	20	11	15	12	8	12	10	18	8	10	10	6	13	8	6	12
Ehime	32	33	30	26	28	23	25	28	26	26	15	19	14	16	13	10	16	19	15	13	16	11
Kochi	24	15	19	16	11	25	17	9	14	6	14	9	6	14	12	11	5	9	8	9	13	9
Fukuoka	85	61	58	70	81	57	49	53	40	52	39	40	40	49	34	42	36	30	36	36	23	34
Saga	21	12	15	16	10	9	11	16	6	7	5	14	3	5	6	7	8	9	8	7	3	13
Nagasaki	17	20	28	17	23	20	18	20	9	18	17	17	18	10	17	11	13	13	16	9	9	13
Kumamoto	31	35	28	16	31	26	20	23	18	27	21	22	15	22	15	10	14	16	22	14	15	10
Oita	41	24	15	21	16	23	29	19	14	22	19	11	14	20	8	10	12	11	16	7	16	13
Miyazaki	24	22	24	20	28	15	14	17	19	7	9	17	8	11	12	15	14	15	17	9	12	13
Kagoshima	43	34	16	30	29	30	20	20	28	23	12	19	15	17	12	21	17	20	21	13	15	14
Okinawa	14	10	11	9	11	10	7	14	9	6	14	12	9	7	6	9	10	5	14	4	11	9
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

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