

Fatal and non-fatal accidents in construction work in Japan in 1999-2021

construction work industry Code No.0302

Type of accidents in construction work in 1999-2021

[illegible]

electric shock	21	24	17	28	17	24	20	18	19	18	15	16	16	23	11	17	13	10	8	17	17	13	12	394	electric shock
explosion	12	5	21	6	4	5	4	8	11	2	5	9	1	5	4	4	6		3	3	2	4	4	128	explosion
burst	3	3	4	8	4	6	3	6	4	1	2	1	2	4	3	4	2	1	3	2	3	5	1	75	burst
fire	14	9	16	20	11	6	4	12	14	9	9	10	3	7	5	7	8	8	5	22	6	5	2	212	fire
traffic accident (public road)	335	344	282	341	299	296	300	325	242	275	192	227	284	263	260	322	264	276	244	259	240	266	200	6,336	traffic accident (public road)
traffic accident (others)	7	4	3	2	2	2	2	4	5	1	1	2	2	2	2	2		1	2	4	2		2	54	traffic accident (others)
reaction to motion/improper motion	777	759	790	664	674	609	597	615	657	585	515	515	505	468	485	486	467	433	478	459	491	503	500	13,032	reaction to motion/improper motion
others	62	65	60	42	71	63	50	52	56	51	33	37	65	50	47	37	40	21	34	34	30	157	539	1,696	others
unclassifiable	19	19	13	12	10	12	10	26	13	7	7	1	4	6	5	6	5	6	2	8	3	3	5	202	unclassifiable
total	17,360	17,037	16,538	15,581	14,673	14,404	13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194	8,403	264,627	total

Causal agents (large) of fatal and non-fatal accidents in construction work in 1999-2021

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (L) agents
machine	3,090	3,072	2,873	2,728	2,513	2,350	2,187	2,081	1,920	1,771	1,549	1,451	1,542	1,460	1,459	1,396	1,240	1,213	1,094	1,152	1,106	1,061	1,081	41,389	machine
crane, conveying machine	1,441	1,441	1,382	1,412	1,310	1,208	1,274	1,268	1,139	1,067	870	866	993	990	1,056	1,026	931	953	921	896	929	947	833	25,153	crane, conveying machine
other equipment	3,210	3,046	3,010	2,940	2,728	2,677	2,590	2,600	2,414	2,192	1,819	1,842	1,894	2,011	1,966	1,979	1,758	1,689	1,641	1,669	1,594	1,559	1,660	50,488	other equipment
temporary buildings, establishments	6,240	6,149	5,990	5,411	5,226	5,357	4,966	5,004	4,512	3,953	3,186	3,137	3,526	3,567	3,523	3,515	3,182	3,075	2,954	3,091	3,058	2,729	2,688	94,039	temporary buildings, establishments

substance, material	2,405	2,368	2,299	2,212	2,054	2,025	1,914	1,898	1,780	1,546	1,233	1,246	1,261	1,326	1,354	1,348	1,149	1,096	1,074	1,068	1,081	1,064	1,006	35,807	substance, material
load	347	345	396	347	335	298	293	291	312	273	246	217	214	215	252	224	198	170	177	175	231	221	178	5,955	load
environment	266	259	266	214	208	237	236	284	210	214	146	244	320	251	269	259	238	204	216	282	208	260	233	5,524	environment
others	361	357	322	317	299	252	243	268	252	229	241	205	208	201	190	208	213	169	229	221	210	353	724	6,272	others
total	17,360	17,037	16,538	15,581	14,673	14,404	13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194	8,403	264,627	total

Causal agents (middle) of fatal and non-fatal accidents in construction work 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	total	Causal (M) agents
engine	4	5	2	1	5	3	3	2	3	7	2	2	1	5	5	2	2	5	3	3	1	3	6	75	engine
power transmission mechanism	9	6	11	5	16	5	6	4	10	7	4	3	4	7	4	3	7	6	3	4	5	4	8	141	power transmission mechanism
woodworking machine	1,965	1,872	1,737	1,586	1,512	1,323	1,168	1,074	1,001	938	768	686	701	666	676	578	480	469	426	416	403	388	352	21,185	woodworking machine
construction machine	416	492	429	452	379	426	438	441	400	342	329	321	384	372	370	404	360	354	320	394	349	323	345	8,840	construction machine
metal manufacturing machine	369	376	378	382	344	318	316	317	280	285	248	250	258	254	219	239	209	199	213	200	192	179	198	6,223	metal manufacturing machine
general machine	327	321	316	302	257	275	256	243	226	192	198	189	194	156	185	170	180	178	127	135	155	164	171	4,917	general machine
mobile silviculture machine																	2	2	2		1		1	8	mobile silviculture machine

crane	331	341	335	346	320	249	307	300	271	252	202	167	210	207	222	188	190	189	185	183	184	186	165	5,530	crane
conveying machine	792	807	797	790	734	704	696	695	650	603	495	502	538	549	628	545	512	546	507	503	538	523	496	14,150	conveying machine
vehicle	318	293	250	276	256	255	271	273	218	212	173	197	245	234	206	293	229	218	229	210	207	238	172	5,473	vehicle
pressure vessel	14	15	12	11	13	14	12	8	4	12	6	6	9	10	9	3	3	11	4	7	3	6	6	198	pressure vessel
chemical facilities	5	1		1	1	5	1	3	6	3	1	1		2		1	2			4	1	1		39	chemical facilities
welding equipment	26	22	30	28	23	22	17	7	24	15	11	19	12	11	13	16	17	12	12	27	13	8	8	393	welding equipment
kiln, caldron	5	4	6	18	5	5	7	8	3	1	3	3	4	1	4	4	3		3	1	2	7	2	99	kiln, caldron
electric equipment	25	25	32	37	30	32	33	26	33	23	22	28	23	27	26	22	24	26	25	28	24	24	22	617	electric equipment
human power machine, tools	831	763	758	715	657	613	568	522	478	448	329	394	375	363	389	361	300	307	279	312	286	254	323	10,625	human power machine, tools
tools	2,200	2,095	2,061	2,022	1,893	1,868	1,854	1,924	1,766	1,592	1,371	1,304	1,395	1,499	1,437	1,488	1,310	1,255	1,251	1,193	1,186	1,156	1,207	36,327	tools
other equipments, facilities	104	121	111	108	106	118	98	102	100	98	76	87	76	98	88	84	99	78	67	97	79	103	92	2,190	other equipments, facilities
temporary buildings, establishments	6,240	6,149	5,990	5,411	5,226	5,357	4,966	5,004	4,512	3,953	3,186	3,137	3,526	3,567	3,523	3,515	3,182	3,075	2,954	3,091	3,058	2,729	2,688	94,039	temporary buildings, establishments
hazards, harmful substances	69	65	84	74	68	62	75	91	76	50	44	53	56	54	42	54	51	48	49	56	47	42	39	1,349	hazards, harmful substances
materials	2,336	2,303	2,215	2,138	1,986	1,963	1,839	1,807	1,704	1,496	1,189	1,193	1,205	1,272	1,312	1,294	1,098	1,048	1,025	1,012	1,034	1,022	967	34,458	materials
load	347	345	396	347	335	298	293	291	312	273	246	217	214	215	252	224	198	170	177	175	231	221	178	5,955	load
natural	266	259	266	214	208	237	236	284	210	214	146	244	320	251	269	259	238	204	216	282	208	260	233	5,524	natural

environment																									environment
other causal agent	115	119	78	73	84	55	63	72	69	43	39	32	44	38	41	42	50	38	58	50	35	154	536	1,928	other causal agent
no causal agent	227	218	220	226	201	185	166	178	164	170	193	162	161	155	143	153	156	128	169	163	172	198	184	4,092	no causal agent
unclassifiable	19	20	24	18	14	12	14	18	19	16	9	11	3	8	6	13	7	3	2	8	3	1	4	252	unclassifiable
total	17,360	17,037	16,538	15,581	14,673	14,404	13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194	8,403	264,627	total

Causal agents (small) of fatal and non-fatal accidents in construction work 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	total	Causal (S) agents
engine			2		5		3	2	3	7	2	2	1	5	5	2	2	5	3	3	1	3	6	62	engine
power transmission mechanism			11		16		6	4	10	7	4	3	4	7	4	3	7	6	3	4	5	4	8	116	power transmission mechanism
circular sawing machine			1,046		919		713	678	638	569	467	428	447	425	438	382	284	281	270	255	255	212	211	8,918	circular sawing machine
band sawing machine			22		21		19	13	9	17	11	8	8	8	8	7	6	4	2	3	1	3	3	173	band sawing machine
wood planer machine			330		263		183	165	134	163	109	99	77	88	73	58	58	64	53	55	32	54	34	2,092	wood planer machine
hollow chisel mortiser, wood borer			56		41		27	20	17	17	14	13	9	11	8	8	8	7	7	4	3	6	4	280	hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine			17		8		15	12	8	6	10	5	5	2	2	2	2	1	1	7	2	1	4	110	chamfering machine, router, woodworking milling machine
chain saw			28		23		22	27	26	19	29	23	24	30	21	23	30	21	24	26	21	30	32	479	chain saw

other woodworking machines			238		237		189	159	169	147	128	110	131	102	126	98	92	91	69	66	89	82	64	2,387	other woodworking machines
leveling, transporting or loading machine			27		41		42	46	30	21	37	41	43	40	25	33	24	25	32	45	29	26	35	642	leveling, transporting or loading machine
excavating machine			164		131		144	150	125	116	104	102	140	131	120	137	123	125	105	142	116	126	121	2,422	excavating machine
foundation work machine			42		28		34	35	28	20	18	23	27	30	22	21	32	29	25	24	29	29	15	511	foundation work machine
hardening machine			20		14		5	14	19	14	13	8	9	12	7	9	14	7	5	9	10	5	9	203	hardening machine
demolition machine			54		53		63	57	59	68	50	35	64	43	93	108	92	89	88	90	84	78	93	1,361	demolition machine
vehicle for high lift work			20		23		42	37	43	34	21	27	19	25	21	31	26	21	29	31	36	23	25	534	vehicle for high lift work
other construction machines			102		89		108	102	96	69	86	85	82	91	82	65	49	58	36	53	45	36	47	1,381	other construction machines
lathe			8		4		5	6	4	4	4	1	2	6	1	6		5	1	3	2	3	3	68	lathe
drill press, milling machine			9		12		8	16	10	11	9	7	8	6	3	4	4	4	5	3	3	1	6	129	drill press, milling machine
grinding machine, buffing machine			179		180		158	154	143	143	144	151	152	138	107	126	117	104	117	106	109	96	110	2,534	grinding machine, buffing machine
power press			6		6		8	7	3	4	5	3	5	4	4	3	4	8	11	13	4	10	4	112	power press
forging pressure hammer			1		1						1										2	2		7	forging pressure hammer
shearing machine			8		7		8	2	5	4	3	5	3	1	3	4	3	5	4	2	2	4	3	76	shearing machine
other metal manufacturing machines			167		134		129	132	115	119	82	83	88	99	101	96	81	73	75	73	70	63	72	1,852	other metal manufacturing machines
centrifugal machine					1			1												2				4	centrifugal machine

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opening			218		181		178	185	174	160	131	104	120	120	129	113	131	134	96	128	127	119	124	2,672	opening
roof, beam, haze, crossbeam, principal rafter			1,690		1,461		1,438	1,244	1,012	964	795	848	926	956	869	822	773	725	703	734	664	569	529	17,722	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			472		437		345	416	391	339	268	252	300	295	265	276	246	216	242	220	242	224	222	5,668	working platform, boot board
passage			410		380		402	387	387	331	285	310	332	299	315	333	277	311	310	378	348	371	374	6,540	passage
building, establishment			845		651		624	738	607	519	485	468	516	503	507	510	469	431	445	448	395	373	370	9,904	building, establishment
other temporary buildings, establishments			250		229		227	246	233	208	142	150	161	207	186	197	207	187	168	199	189	169	150	3,705	other temporary buildings, establishments
explosive substance			2		1		2	6	3			2					4						1	21	explosive substance
inflammable substance			20		19		13	18	22	10	9	10	1	11	8	8	7	8	9	7	8	7	6	201	inflammable substance
inflammable gas			12		8		7	6	6	6	8	14	11	8	7	6	8	3	5	3	5	2	1	126	inflammable gas
harmful substance			24		23		34	47	22	13	13	23	31	24	14	20	19	18	20	26	18	7	13	409	harmful substance
radiation									1															1	radiation
other hazards, harmful substances			26		17		19	14	23	20	14	4	13	11	13	20	13	19	15	20	16	26	18	321	other hazards, harmful substances
metal material			1,088		1,028		955	982	892	781	640	601	632	690	711	710	617	553	598	559	560	553	527	13,677	metal material
lumber, bamboo			662		547		492	460	437	395	315	310	280	311	319	290	246	249	234	220	254	237	211	6,469	lumber, bamboo
stone, sand, substance			145		136		118	123	115	90	71	78	80	75	67	82	51	66	51	72	69	51	55	1,595	stone, sand, substance
other materials			320		275		274	242	260	230	163	204	213	196	215	212	184	180	142	161	151	181	174	3,977	other materials
load			315		266		240	243	254	224	205	170	176	169	195	195	167	147	146	150	199	190	151	3,802	load
machine/equipment			81		69		53	48	58	49	41	47	38	46	57	29	31	23	31	25	32	31	27	816	machine/equipment

as load																										as load
natural ground, rock			85		65		77	83	73	63	45	48	59	50	58	53	55	41	37	45	45	57	55	1,094		natural ground, rock
standing tree			32		27		32	20	28	27	35	37	25	23	32	20	39	27	26	31	23	23	28	535		standing tree
water					5		6	8	1	5	2	8	76	1	1	2	2	1	3	2	2	1		126		water
abnormal environment					7		2	1	1	3		6	10	5	1		6	3	3	1	1	1		51		abnormal environment
high/cold temperature environment			66		51		39	69	59	51	26	92	84	85	91	90	63	68	72	126	85	113	77	1,407		high/cold temperature environment
other environments			83		53		80	103	48	65	38	53	66	87	86	94	73	64	75	77	52	65	73	1,335		other environments
other causal agent			78		84		63	72	69	43	39	32	44	38	41	42	50	38	58	50	35	154	536	1,566		other causal agent
no causal agent			220		201		166	178	164	170	193	162	161	155	143	153	156	128	169	163	172	198	184	3,236		no causal agent
unclassifiable			24		14		14	18	19	16	9	11	3	8	6	13	7	3	2	8	3	1	4	183		unclassifiable
total			16,538		14,673		13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194	8,403	200,245		total

Workers age of fatal and non-fatal accidents in construction work 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	total	Age
19 years old or less	632	652	576	531	457	455	383	355	362	318	223	262	316	366	437	383	361	296	274	275	242	234	218	8,608	19 years old or less
20-29	3,634	3,692	3,695	3,489	3,064	2,787	2,727	2,609	2,223	1,967	1,597	1,521	1,624	1,575	1,630	1,537	1,376	1,433	1,359	1,442	1,506	1,614	1,614	49,715	20-29
30-39	2,476	2,472	2,605	2,606	2,649	2,758	2,648	2,807	2,639	2,311	2,006	1,992	2,173	2,152	1,982	1,909	1,640	1,515	1,457	1,476	1,374	1,376	1,450	48,473	30-39
40-49	3,404	3,116	2,828	2,441	2,305	2,247	2,032	2,018	1,839	1,683	1,462	1,496	1,717	1,879	1,879	1,943	1,747	1,768	1,727	1,758	1,729	1,667	1,692	46,377	40-49
50-59	4,201	4,243	4,130	3,955	3,779	3,718	3,577	3,555	3,247	2,805	2,242	1,962	2,108	1,929	1,864	1,755	1,619	1,449	1,444	1,465	1,485	1,393	1,499	59,424	50-59
60 years old or more	3,013	2,862	2,704	2,559	2,419	2,439	2,336	2,350	2,229	2,161	1,760	1,975	2,020	2,120	2,277	2,428	2,166	2,108	2,045	2,138	2,081	1,910	1,930	52,030	60 years old or more

total	17,360	17,037	16,538	15,581	14,673	14,404	13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194	8,403	264,627	total
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Workers' number of workplace of fatal and non-fatal accidents in construction work 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	total	Workers scale
9 workers or less	12,011	11,695	11,371	10,688	10,053	10,019	9,459	9,343	8,570	7,647	6,454	6,435	6,834	6,791	6,764	6,628	5,959	5,652	5,450	5,545	5,414	5,055	5,084	178,921	9 workers or less
10-29	3,961	3,894	3,785	3,550	3,377	3,146	3,071	3,117	2,869	2,566	2,058	2,074	2,233	2,388	2,396	2,373	2,095	2,123	2,006	2,124	2,121	2,202	2,274	61,803	10-29
30-49	834	873	795	780	706	705	663	683	626	602	445	421	537	487	524	573	482	473	505	532	515	539	539	13,839	30-49
50-99	354	368	372	367	344	352	335	380	303	274	221	173	237	233	250	249	244	206	210	225	231	239	286	6,453	50-99
100-299	168	173	175	164	159	154	146	141	134	127	84	80	97	94	105	101	103	92	115	102	97	112	149	2,872	100-299
300 workers or more	32	34	40	32	34	28	29	30	37	29	28	25	20	28	30	31	26	23	20	26	39	47	71	739	300 workers or more
total	17,360	17,037	16,538	15,581	14,673	14,404	13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194	8,403	264,627	total

Month of fatal and non-fatal accidents in construction work 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	total	Month
January	1,218	1,106	1,119	1,058	1,013	1,006	996	1,013	895	821	707	659	680	722	718	743	714	637	626	646	644	551	628	18,920	January
February	1,308	1,350	1,331	1,126	1,157	1,094	1,057	1,025	983	960	764	713	724	799	734	806	698	709	634	648	681	673	635	20,609	February
March	1,447	1,441	1,483	1,337	1,258	1,146	1,129	1,138	1,109	975	779	730	893	829	825	861	743	714	713	729	717	708	742	22,446	March
April	1,362	1,385	1,366	1,366	1,202	1,118	1,178	1,063	966	984	759	735	745	758	808	902	708	679	670	703	708	732	713	21,610	April
May	1,426	1,348	1,368	1,316	1,205	1,125	1,098	1,098	1,012	938	707	698	742	851	851	825	677	673	631	633	679	596	626	21,123	May
June	1,575	1,476	1,455	1,295	1,203	1,228	1,189	1,197	1,143	959	812	798	874	873	831	800	781	737	731	715	662	720	761	22,815	June
July	1,605	1,586	1,616	1,507	1,349	1,459	1,271	1,186	1,142	1,104	853	877	935	914	969	918	893	824	803	848	804	780	773	25,016	July
August	1,469	1,559	1,292	1,293	1,215	1,190	1,223	1,285	1,130	926	812	853	906	896	867	817	712	763	725	771	716	747	821	22,988	August
September	1,561	1,459	1,437	1,324	1,343	1,339	1,182	1,267	1,107	940	798	825	862	855	856	886	827	774	686	714	779	742	771	23,334	September

October	1,583	1,593	1,526	1,447	1,392	1,283	1,170	1,243	1,094	1,004	843	802	903	909	908	893	805	740	701	787	760	648	658	23,692	October
November	1,507	1,427	1,387	1,345	1,157	1,296	1,177	1,167	1,078	871	767	798	850	847	899	784	720	701	736	723	695	651	682	22,265	November
December	1,299	1,307	1,158	1,167	1,179	1,120	1,033	1,012	880	763	689	720	844	768	803	720	631	618	650	637	572	646	593	19,809	December
total	17,360	17,037	16,538	15,581	14,673	14,404	13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194	8,403	264,627	total

Prefecture of fatal and non-fatal accidents in construction work 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	total	Prefecture
Hokkaido	1,050	967	887		768		782	754	631	614	500	536	506	546	549	596	563	502	463	505	537	472	502	13,230	Hokkaido
Aomori	267	222	249		197		151	158	134	131	111	113	127	122	131	141	108	140	125	127	142	117	146	3,159	Aomori
Iwate	227	201	212		165		175	171	156	133	126	110	186	156	187	148	148	149	140	135	122	120	144	3,311	Iwate
Miyagi	268	288	242		280		237	214	222	196	174	167	334	340	280	239	216	239	179	156	191	156	172	4,790	Miyagi
Akita	256	216	213		211		171	222	161	147	131	128	150	145	123	154	115	116	115	131	115	101	123	3,244	Akita
Yamagata	261	256	233		180		210	192	138	140	96	134	122	167	161	139	117	111	100	156	107	102	159	3,281	Yamagata
Fukushima	291	263	276		275		234	231	187	194	179	146	226	254	235	262	187	181	164	145	154	187	194	4,465	Fukushima
Ibaraki	340	337	310		249		282	229	219	212	170	170	279	241	176	192	167	165	181	153	154	164	237	4,627	Ibaraki
Tochigi	209	214	172		177		164	160	154	165	140	136	168	162	156	110	127	137	111	113	92	109	122	3,098	Tochigi
Gunma	303	298	281		228		216	207	186	161	126	143	147	162	157	175	146	118	138	163	139	133	139	3,766	Gunma
Saitama	556	639	627		673		603	585	662	499	453	472	464	446	488	539	427	380	388	362	328	343	357	10,291	Saitama
Chiba	555	657	642		535		462	504	474	448	395	375	375	352	368	406	370	295	296	283	343	392	299	8,826	Chiba
Tokyo	1,234	1,267	1,384		1,345		1,269	1,253	1,352	1,191	948	935	1,016	985	1,063	1,063	838	799	832	816	842	695	760	21,887	Tokyo
Kanagawa	978	993	990		904		804	854	792	675	523	567	548	626	603	567	514	495	445	449	487	488	478	13,780	Kanagawa
Niigata	526	484	509		395		480	478	403	412	347	359	324	318	336	276	287	228	230	246	247	247	254	7,386	Niigata
Toyama	236	200	216		151		176	148	136	123	100	102	111	138	109	93	110	90	97	94	98	94	112	2,734	Toyama
Ishikawa	112	148	129		106		88	107	75	85	100	80	80	83	89	97	75	76	75	81	71	65	82	1,904	Ishikawa
Fukui	135	136	126		105		105	122	97	77	67	86	74	74	49	52	62	42	47	83	67	63	59	1,728	Fukui

Yamanashi	107	119	94		79		81	81	72	59	35	53	50	64	62	65	68	51	38	48	64	50	53	1,393	Yamanashi
Nagano	353	322	335		300		258	244	230	189	152	161	163	163	162	167	187	152	147	168	147	157	146	4,303	Nagano
Gifu	365	353	333		280		238	237	233	186	159	145	147	122	152	146	127	128	121	139	128	131	139	4,009	Gifu
Shizuoka	577	546	493		435		415	465	407	416	322	302	325	340	359	314	256	265	258	258	256	261	240	7,510	Shizuoka
Aichi	669	645	702		553		517	566	434	445	361	338	376	330	391	369	356	349	333	341	325	362	354	9,116	Aichi
Mie	383	369	362		308		259	297	253	220	193	200	215	169	186	174	158	164	165	181	155	126	157	4,694	Mie
Shiga	179	161	173		157		118	165	124	119	81	73	94	92	79	94	87	62	65	58	66	88	68	2,203	Shiga
Kyoto	409	436	388		378		317	317	294	252	184	218	227	225	239	233	204	170	187	202	160	169	169	5,378	Kyoto
Osaka	1,089	1,139	1,188		966		810	885	797	714	563	492	537	597	504	497	425	421	410	470	493	374	393	13,764	Osaka
Hyogo	854	823	717		644		559	571	548	432	363	356	341	323	353	363	303	324	255	269	247	280	246	9,171	Hyogo
Nara	234	224	220		190		172	140	127	145	117	101	92	96	113	101	87	77	80	81	81	78	78	2,634	Nara
Wakayama	223	197	201		163		150	153	129	110	90	101	86	113	97	88	82	85	78	84	82	73	90	2,475	Wakayama
Tottori	86	106	97		77		70	54	60	45	27	29	43	47	43	36	35	39	53	59	56	46	39	1,147	Tottori
Shimane	155	115	131		126		118	106	90	74	56	53	72	57	67	57	50	60	48	46	50	55	53	1,639	Shimane
Okayama	338	321	318		273		244	222	209	160	140	154	154	143	145	169	145	120	140	129	131	119	96	3,870	Okayama
Hiroshima	419	418	436		342		318	291	279	234	188	190	192	188	192	176	179	188	156	182	182	178	159	5,087	Hiroshima
Yamaguchi	242	236	194		186		167	166	119	124	96	101	124	91	108	95	109	127	87	95	96	83	101	2,747	Yamaguchi
Tokushima	174	171	157		154		121	99	109	109	82	89	87	91	93	77	79	75	75	60	81	64	56	2,103	Tokushima
Kagawa	188	164	179		140		159	143	124	97	93	94	75	83	93	81	74	90	72	96	81	48	76	2,250	Kagawa
Ehime	253	209	206		190		158	160	137	124	99	101	103	134	107	90	104	93	92	98	80	91	99	2,728	Ehime
Kochi	196	178	167		136		139	103	104	95	83	72	69	71	72	61	77	71	84	70	76	70	66	2,060	Kochi
Fukuoka	737	718	663		550		662	594	549	465	390	375	376	392	390	418	336	363	358	360	305	362	385	9,748	Fukuoka
Saga	133	124	127		108		127	110	101	95	83	65	85	92	103	94	95	89	72	86	80	94	63	2,026	Saga
Nagasaki	211	193	184		178		127	169	147	95	96	85	116	112	87	101	105	104	100	99	107	124	120	2,660	Nagasaki
Kumamoto	265	263	205		207		208	198	190	162	144	140	144	148	169	139	158	184	248	189	149	158	158	3,826	Kumamoto
Oita	258	243	193		219		181	191	150	126	105	92	124	92	105	117	101	107	70	91	96	108	94	2,863	Oita

Miyazaki	165	148	130		144		123	128	119	103	81	87	80	90	71	88	60	88	87	85	84	99	91	2,151	Miyazaki
Kagoshima	217	203	168		164		170	150	131	139	109	95	122	131	158	153	161	148	143	162	159	159	132	3,174	Kagoshima
Okinawa	77	107	79		82		108	100	94	108	112	87	102	108	109	143	124	112	158	150	164	139	143	2,406	Okinawa
total	17,360	17,037	16,538		14,673		13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194	8,403	234,642	total

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. 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.htm> (MHLW, Japan)

Return to https://www.iijsha.or.jp/english/statistics/2021e_industry.html

Fatal accidents in construction work in Japan in 1999-2021

construction work industry Code No.0302

Type of fatal accidents in construction work in 1999-2021

[illegible]

cut	1		1	1	1	1	3	1	1	1		1	1	1	2	1	2					2	2	23	cut
injury to the sole of the foot				1	1	1	1	1	2			2	1			1		1						12	injury to the sole of the foot
drown	2		1	2	1	1		1			1	1	52						1	1		1		65	drown
contact to high/low-temperature	7	6	8	7	4	7	5	10	6	3	5	5	4	5	4	5	7	4	5	8	5	5	6	131	contact to high/low-temperature
contact to harmful substance	3	2	1	1	4	2		2	2	1		2	3	2		2	3	2	1		2		5	40	contact to harmful substance
electric shock	4	3	4	2	1	3	5	5	3	2	2	2	1	3	1	3	2	2		2	1	2	2	55	electric shock
explosion	1					2											1				1	1		6	explosion
burst																		1						1	burst
fire	2	2	4	1	1		1	6	6	1	3	3		1	2	1	3	1			1	1		40	fire
traffic accident (public road)	27	42	21	22	18	21	20	19	11	15	10	14	24	5	12	15	10	18	15	12	9	13	9	382	traffic accident (public road)
traffic accident (others)				1	1				1		2	1												6	traffic accident (others)
reaction to motion/improper motion																									reaction to motion/improper motion
others	1		1		5	5	7	3	3	1	2		24	3	2	6	4			1	3	5	10	86	others
unclassifiable	1			1		1		1	1	1	1	1					2		2				1	13	unclassifiable
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102	139	4,337	total

Causal agents (large) of fatal accidents in construction work in 1999-2021

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (L) agents
machine	21	20	15	20	12	22	15	20	17	18	14	10	10	12	13	15	10	14	6	10	13	7	11	325	machine
crane, conveying machine	42	62	45	35	33	32	41	38	29	24	20	23	39	23	24	29	23	26	26	19	19	19	21	692	crane, conveying machine
other equipment	24	20	22	24	21	24	15	15	12	14	10	21	9	12	16	14	9	15	13	14	12	9	18	363	other equipment
temporary buildings, establishments	165	174	157	156	144	153	111	114	116	113	87	89	86	89	93	95	80	72	78	80	61	50	61	2,424	temporary buildings, establishments

substance, material	7	4	2	9	4	14	5	11	10	5	5	5	2	5	3	5	7	3	4	2	4	5	5	126	substance, material
load	4		2	3	1	2	2	1	1	2		1	1		3		1	3	2	2	6		1	38	load
environment	11	12	13	12	9	15	9	20	9	3	8	6	84	9	6	9	11	7	6	11	7	7	13	297	environment
others	3			1	2	2	5	6	5	2	4	1	1	3	2	7	8		2	1	3	5	9	72	others
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102	139	4,337	total

Causal agents (middle) of fatal accidents in construction work 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	total	Causal (M) agents
engine					1			1					1				1							4	engine
power transmission mechanism																									power transmission mechanism
woodworking machine			1	1	1	1	2	1	2	3	1		1	1	2	1	1						1	20	woodworking machine
construction machine	19	20	14	19	9	20	13	17	15	14	13	8	7	11	10	14	9	12	6	10	13	5	9	287	construction machine
metal manufacturing machine	1				1			1				1	1											5	metal manufacturing machine
general machine	1					1				1		1			1			1				2	1	9	general machine
mobile silviculture machine																									mobile silviculture machine
crane	9	10	15	5	8	4	12	11	10	5	5	3	9	9	9	7	5	4	4	3	7	4	4	162	crane
conveying machine	16	23	15	16	14	18	13	15	10	12	9	10	14	9	9	13	10	12	11	9	6	6	13	283	conveying machine
vehicle	17	29	15	14	11	10	16	12	9	7	6	10	16	5	6	9	8	10	11	7	6	9	4	247	vehicle
pressure vessel		1																						1	pressure vessel
chemical facilities										1														1	chemical facilities
welding equipment	1		1	1	1	1				2		3				2	1		1		1	1		16	welding equipment
kiln, caldron				5																				5	kiln, caldron
electric equipment	2	3	3	2		2	3	3	3	2	2	1	1	2	2	2	1	2		2	1	2	2	43	electric equipment

human power machine, tools		1			2											1						1	1	6	human power machine, tools
tools	20	14	17	16	17	20	10	11	9	8	7	16	8	10	14	10	6	11	12	11	9	4	15	275	tools
other equipments, facilities	1	1	1		1	1	2	1		1	1	1					2		1	1	1		16	other equipments, facilities	
temporary buildings, establishments	165	174	157	156	144	153	111	114	116	113	87	89	86	89	93	95	80	72	78	80	61	50	61	2,424	temporary buildings, establishments
hazards, harmful substances	4	1	1	1	2	5		4	8	1	2	3	1	2	1	2	6	2			2	1	2	51	hazards, harmful substances
materials	3	3	1	8	2	9	5	7	2	4	3	2	1	3	2	3	1	1	4	2	2	4	3	75	materials
load	4		2	3	1	2	2	1	1	2		1	1		3		1	3	2	2	6		1	38	load
natural environment	11	12	13	12	9	15	9	20	9	3	8	6	84	9	6	9	11	7	6	11	7	7	13	297	natural environment
other causal agent	1				2	2	4	3									2					2	7	23	other causal agent
no causal agent	1						1	2	4	1	2		1	3	2	5	4		1	1	3	3	2	36	no causal agent
unclassifiable	1			1				1	1	1	2	1				2	2		1					13	unclassifiable
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102	139	4,337	total

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

[illegible]

[illegible]

forging pressure hammer																										forging pressure hammer
shearing machine																										shearing machine
other metal manufacturing machines								1					1												2	other metal manufacturing machines
centrifugal machine																										centrifugal machine
mixer, grinder	1											1			1										3	mixer, grinder
roll machine (except printingroll machine)																										roll machine (except printingroll machine)
injection molding machine																										injection molding machine
food manufacturing machine																										food manufacturing machine
printing machine																										printing machine
industrial robot																										industrial robot
other general power machines						1				1							1					2	1	6		other general power machines
felling machine																										felling machine
mobile logging machine																										mobile logging machine
skyline yarding machine																										skyline yarding machine
other mobile silviculture machine																										other mobile silviculture machine
crane	2	1	2	2	1	1	1	1	2	1	2		5	1	2	2		1			1		2	30		crane

[illegible]

pressure vessel																									pressure vessel
other pressure vessels		1																						1	other pressure vessels
chemical facilities										1														1	chemical facilities
gas welding equipment										1		1										1		3	gas welding equipment
arc welding equipment	1		1	1	1	1				1		2				2	1		1		1			13	arc welding equipment
other welding equipment																									other welding equipment
kiln, caldron				5																				5	kiln, caldron
industrial dryer																									industrial dryer
other kiln, caldron																									other kiln, caldron
transmission	2	3		2		2	2	2	1	2	2	1	1	2	2	2	1	2		2	1	2	1	35	transmission
electric power facilities			2						1	2														5	electric power facilities
other electrical equipment			1					1															1	3	other electrical equipment
human power cranes					1												1						1	3	human power cranes
human power hauling equipment		1																						1	human power hauling equipment
human power machine																									human power machine
hand tool					1																		1	2	hand tool
ladder	15	10	15	12	14	16	8	7	9	4	6	13	6	8	12	10	4	6	10	8	8	4	13	218	ladder
slinging tool	5	3	2	3	3	4	2	3		3	1	3		2	1		2	4	2	3			2	48	slinging tool

other tools		1		1				1		1			2		1			1			1			9	other tools
other equipment, facilities	1	1	1		1	1	2	1		1	1	1						2		1	1	1		16	other equipment, facilities
scaffolding	54	41	47	36	38	39	32	25	28	29	21	29	19	15	26	33	21	9	24	16	18	14	11	625	scaffolding
timbering	1		2	1		1					1					1			1				1	9	timbering
stairs, landing stage	2	3	1	2	1	4	2		4	2	3		3	1	2	3		1	1	3	2		2	42	stairs, landing stage
opening	4	9	14	11	5	9	7	14	7	8	5	3	6	9	3	4	8	6	3	7	3	2	7	154	opening
roof, beam, haze, crossbeam, principal rafter	66	62	62	63	55	63	43	44	44	40	31	32	37	36	44	29	38	32	25	34	23	19	18	940	roof, beam, haze, crossbeam, principal rafter
working platform, boot board	12	9	3	9	10	8	4	6	8	6	8	1	6	3	3	3	2	4	3	4	3	2	3	120	working platform, boot board
passage		3		1		2	1	2				2	1	2		2			1	2	1		2	22	passage
building, establishment	26	40	23	28	29	20	19	19	20	26	13	17	12	20	14	18	9	17	11	12	7	10	16	426	building, establishment
other temporary buildings, establishments		7	5	5	6	7	3	4	5	2	5	5	2	3	1	2	2	3	9	2	4	3	1	86	other temporary buildings, establishments
explosive substance																									explosive substance
inflammable substance		1						3	5		2			1	1		2	1						16	inflammable substance
inflammable gas	1					2						1					2				2	1		9	inflammable gas
harmful substance	3			1	2	2		1	3	1		2	1	1		2	2	1					2	24	harmful substance
radiation																									radiation
other hazards, harmful substances			1			1																		2	other hazards, harmful substances
metal material	1	1	1	4		4	3	3	2	3	2			2	2	3			2	1	1	3	2	40	metal material

lumber, bamboo	2	1		2		4	1	4		1		1	1	1			1				1			20	lumber, bamboo
stone, sand, substance					1	1												1	1					4	stone, sand, substance
other materials		1		2	1		1				1	1						1	1			1	1	11	other materials
load	3		2	3	1	2	1	1	1	2		1			3			2	1	2	6			31	load
machine/equipment as load	1						1						1				1	1	1				1	7	machine/equipment as load
natural ground, rock	1	2	3	4		5	1	4	2	1	2		3	1		3	3	2			1	1	3	42	natural ground, rock
standing tree		1						4	1			1		2		1		1		1				12	standing tree
water	1		1	1	1	1					1		74						1			1		82	water
abnormal environment		2			1								1	1							1		3	9	abnormal environment
high/cold temperature environment	8	6	9	7	6	8	8	9	6	2	5	5	4	5	4	5	7	4	5	8	5	5	6	137	high/cold temperature environment
other environments	1	1			1	1		3					2		2		1			2			1	15	other environments
other causal agent	1				2	2	4	3									2					2	7	23	other causal agent
no causal agent	1						1	2	4	1	2		1	3	2	5	4		1	1	3	3	2	36	no causal agent
unclassifiable	1			1				1	1	1	2	1				2	2		1					13	unclassifiable
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102	139	4,337	total

Workers age of fatal accidents in construction work 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	total	Age
19 years old or less	3	8	3	3	8	7	5	3	4	3	5	5	1	4	5	5	5	3	3	3		3	1	90	19 years old or less
20-29	45	38	33	47	40	28	30	28	26	17	33	20	25	13	12	21	15	14	16	19	14	11	17	562	20-29

30-39	21	37	41	33	22	32	23	29	29	28	22	20	34	28	21	25	17	21	17	18	14	14	19	565	30-39
40-49	58	43	41	30	31	29	28	31	27	32	20	18	32	19	28	27	22	29	36	19	21	17	19	657	40-49
50-59	79	88	68	73	62	85	66	78	45	41	34	41	67	36	30	30	34	30	20	25	27	29	32	1,120	50-59
60 years old or more	71	78	70	74	63	83	51	56	68	60	34	52	73	53	64	66	56	43	45	55	49	28	51	1,343	60 years old or more
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102	139	4,337	total

Workers' number of workplace of fatal accidents in construction work 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	total	Workers scale
9 workers or less	168	169	136	173	138	175	120	149	133	122	92	100	157	104	112	98	97	86	105	94	83	70	86	2,767	9 workers or less
10-29	76	92	78	54	59	67	59	52	45	35	38	45	55	42	33	52	37	33	29	33	30	23	40	1,107	10-29
30-49	18	15	25	17	18	14	11	11	14	11	11	8	15	5	4	13	9	16	2	3	7	8	7	262	30-49
50-99	8	7	12	10	8	4	11	7	5	9	6		2	1	5	7	4	1		5	2	1	2	117	50-99
100-299	5	8	5	2	3	3	1	4	2	3	1	3	3	1	4	4	2	4	1	4	2		4	69	100-299
300 workers or more	2	1		4		1	1	2		1					2						1			15	300 workers or more
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102	139	4,337	total

Month of fatal accidents in construction work 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	total	Month
January	30	14	14	14	18	13	13	9	16	13	10	15	9	12	11	8	11	12	4	13	7	8	10	284	January
February	18	21	21	23	9	19	20	23	14	13	12	12	14	15	9	17	8	9	13	8	18	8	9	333	February
March	23	30	22	18	21	24	23	19	18	13	15	11	82	15	10	20	13	13	11	7	10	12	11	441	March
April	20	26	17	25	19	15	20	17	12	16	8	9	9	6	5	7	13	11	14	6	9	6	12	302	April
May	18	18	21	11	24	12	9	12	14	13	5	10	14	12	11	19	11	6	7	10	8	4	8	277	May
June	26	21	16	11	7	14	15	13	18	11	15	12	16	13	16	14	10	8	6	15	5	9	10	301	June

July	25	34	31	31	24	33	17	29	14	16	15	13	15	19	15	17	14	10	19	16	14	10	20	451	July
August	20	30	24	23	28	28	19	26	22	17	19	22	11	17	12	20	19	13	18	12	13	10	16	439	August
September	18	16	23	19	18	39	8	17	19	21	9	15	15	8	14	17	19	14	13	20	11	15	16	384	September
October	24	28	31	21	23	27	15	19	17	16	13	9	15	12	17	14	15	17	9	12	7	8	9	378	October
November	25	24	14	25	22	20	25	24	17	19	18	14	16	13	19	12	8	18	17	7	13	5	9	384	November
December	30	30	22	39	13	20	19	17	18	13	9	14	16	11	21	9	8	9	6	13	10	7	9	363	December
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102	139	4,337	total

Prefecture of fatal accidents in construction work 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	total	Prefecture
Hokkaido	17	20	11	18	9	12	8	11	9	12	9	12	5	10	8	7	9	15	6	6	9	6	7	236	Hokkaido
Aomori	3	4	6		3	1	1	1		4	2	3		3	1	1	1	1	1		3		1	40	Aomori
Iwate	2	2	5	3	3	4	2	2	2	1	1		23	3	3	3	3	3	5	2	1	2	4	79	Iwate
Miyagi	2	13	4	4	6	2	4	5		3	2		59	5	5	3	4	1	3	3	4	2	2	136	Miyagi
Akita	8	2	2	2	2	2		3	3	2	3	2			3	3	6	2	2	4		1	3	55	Akita
Yamagata	4	1	4	5	1	2	1	3	1	2		3	1	3	4	4	1	1	1	3	3	3	2	53	Yamagata
Fukushima	9	4	3	5	3	5	3	1	4	8			10	3	5	3	4	3	3	3	1	4	4	88	Fukushima
Ibaraki	5	7	6	10	6	10	2	6	10	3	3	4	8	2	5	6	3	5	3	2	3	1	6	116	Ibaraki
Tochigi	5	2	5	3	4	4	3	3	2	4		3	5	3	1	5	3	3	2	1	2		2	65	Tochigi
Gunma	3	2	3	7	3	5		2	2	4	2	3	1	4	3	4	1	1		3			2	55	Gunma
Saitama	8	14	14	11	12	12	12	9	5	9	9	7	5	9	9	10	7	2	7	7	3	4	6	191	Saitama
Chiba	13	10	14	17	14	10	4	8	10	11	6	8	5	9	11	11	7	4	4	4	7	4	2	193	Chiba
Tokyo	26	31	34	25	24	27	23	26	27	18	15	12	13	18	19	22	17	14	18	13	10	5	22	459	Tokyo
Kanagawa	11	18	16	8	14	17	13	10	14	6	11	13	15	8	8	10	6	3	3	6	7	7	14	238	Kanagawa
Niigata	9	2	5	5	3	8	8	6	5	4	3	2	2	6	5	3	2	2	1	5	3	2	1	92	Niigata

Toyama	2	4	4	4		1	3	6	1	1		1	3	1		2	1	2	1	1	2	1	1	42	Toyama
Ishikawa		3	1	2	3	5			2	2	2	2	1	2	1	3	2		1	1			1	34	Ishikawa
Fukui	2	3		1	1	3	3	3		2		1	1		1		1	1	1	2	1		1	28	Fukui
Yamanashi		4		1	2	1		1	1			2		2	1	1	1	2				1		20	Yamanashi
Nagano	3	2	6	8	2	2	4	4	4	3	4	2	6	2	4	1	2	2	1			1	2	65	Nagano
Gifu	2	13	4	5	6	5	3	4	6		1	2	3	1	1	1	3	4	2	5		1	2	74	Gifu
Shizuoka	12	7	8	7	7	10	2	10	8	9	4	7	7	6	1	2	4	2	4	5	1	1	6	130	Shizuoka
Aichi	8	13	15	10	12	13	10	16	12	11	4	7	6	5	6	10	8	5	6	3	8	5	5	198	Aichi
Mie	4	2	2	2	1	7	7	2	2		2	4	2		2	2	3	3	3	2	2		2	56	Mie
Shiga	2	3	1	4	5	1	4	2	1	1	3		3	2	1	1	2	3	1			1		41	Shiga
Kyoto	5	5	4	5	5	1	7		7	6	5	2	3		2	1	5	1	5	2	6	1		78	Kyoto
Osaka	9	15	17	16	16	14	17	24	17	14	6	11	10	6	16	9	9	8	8	16	13	5	8	284	Osaka
Hyogo	22	15	14	6	19	14	5	7	5	5	10	14	2	8	5	6	3	2	7	6	6	5	5	191	Hyogo
Nara	2	3	2	1	2	1	2			3	2	3	1	1	2	4	2		1	1	1	1	1	36	Nara
Wakayama	1	6	2	3	1	4	3	1	3	2	2	2	2			1	1	4	1	2	2		1	44	Wakayama
Tottori	1	2	1	5	2					1		1	1		1	1					1	3	2	22	Tottori
Shimane	3	2			1		1	5	3	1	1	1	2		1	2		2		2	1	1	1	30	Shimane
Okayama	7	7	4	10	2	2	4	4	1	1	5	1	5	3	2	2		2		2	1	5	2	72	Okayama
Hiroshima	5	6	4	5	3	12	6	3	4	3		2	1	2	4	4	3	3	1	2	1	2	1	77	Hiroshima
Yamaguchi	8	6	3	4	3	2	1	3	3		4		1	2	1	4	2	5	2	1	2	1	2	60	Yamaguchi
Tokushima	2	1	1	3	3	4	1		1		1			3	1	2		2	1			2		28	Tokushima
Kagawa	6	1	1	6		2	4	4	3	1	1	1	1	2		1	2	2	1			1	1	41	Kagawa
Ehime	3	3	2	4	2	6	4	2	3	2		2	1	2	1	1	1	1	1	3	5	1	1	51	Ehime
Kochi	3	1	1		1	1	3		1	2	1			1	1	2		2	2	2	3			27	Kochi
Fukuoka	9	12	8	11	6	10	8	6	8	8	7	9	7	7	6	6	6	9	5	7	2	5	6	168	Fukuoka
Saga	3	2	2	1			3	2	1			2		1	1	1		2	2	2		1	1	27	Saga

Nagasaki	2	4	5	3	4	8	3	2	1	4	4		2	2	3	2	5	3	1	4	2	3	3	70	Nagasaki
Kumamoto	7	8	2	2	4	5	4	3		1	3		3	2	1		3	5	10	3		4	1	71	Kumamoto
Oita	3	2	3	1	1	2	3	3	1	2	2	1	2	2	1	2	1	1		1			2	36	Oita
Miyazaki	7	2	2	4	3		2	3	1		1		1			1	1		2		2	3	1	36	Miyazaki
Kagoshima	7	2	3		1	6	1	5	2	3	1	2	1	2	2	3	1	1	4	1	4	1		53	Kagoshima
Okinawa	2	1	2	3	1	1	1	4	3	2	6	2	2		1	1	3	1	4	1	3	5	2	51	Okinawa
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102	139	4,337	total

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