

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

other building construction work industry Code No.030209

Type of accidents in other building construction work 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	total	Type of accidents
fall from height	1,502	1,578	1,546	1,485	1,581	1,593	1,575	1,611	1,470	1,418	1,276	1,260	1,407	1,401	1,356	1,402	1,317	1,114	1,113	1,211	1,223	1,143	1,139	31,721	fall from height
falling to same level	339	359	323	344	323	328	353	345	329	320	302	300	311	306	319	330	319	273	304	300	331	351	342	7,451	falling to same level
crash	218	212	197	182	192	198	167	177	183	171	153	172	170	158	142	154	128	146	109	139	132	157	156	3,813	crash
struck by flying or falling object	460	471	496	424	439	447	426	433	424	408	356	340	344	384	370	327	317	278	277	301	306	287	293	8,608	struck by flying or falling object
collapse	111	121	96	124	122	99	120	118	141	114	92	92	103	94	107	89	72	88	93	85	100	87	88	2,356	collapse
crashed by	143	149	157	177	130	144	144	167	173	126	123	135	122	126	110	137	128	115	105	148	118	113	154	3,144	crashed by
caught in/between	372	427	409	364	361	336	330	356	344	315	311	285	310	284	322	268	266	261	234	292	297	317	297	7,358	caught in/between
cut	443	467	433	447	427	396	395	422	450	371	346	339	355	369	325	328	306	272	258	251	263	294	311	8,268	cut
injury to the sole of the foot	36	29	44	42	32	40	48	44	56	34	35	40	29	44	33	35	29	30	22	30	32	37	42	843	injury to the sole of the foot
drown	1	1					1	1		1	1		18						2	2				28	drown
contact to high/low-temperature	35	34	26	26	26	47	38	36	33	25	15	37	44	34	34	38	29	37	30	53	40	43	49	809	contact to high/low-temperature
contact to harmful	15	11	21	16	17	21	30	27	7	27	6	12	22	18	7	17	14	13	12	25	22	9	8	377	contact to harmful

substance																										substance
electric shock	5	6	4	6	4	5	8	4	6	8	4	5	5	9	5	6	3	5	1	7	6	2	5	119	electric shock	
explosion	4	1	9	2	1		1	4	5		4	3	1	4	1	3	4		2	1	1	1	2	54	explosion	
burst		1	4		1	3		2	1						1					2	2	3	1	21	burst	
fire	4	5	5	9	4	2	3	5	10	5	3	7	2	2		5	4	2	3	1	1	2	2	86	fire	
traffic accident (public road)	80	90	87	94	78	94	88	88	63	109	70	97	93	104	78	116	101	114	88	105	81	116	79	2,113	traffic accident (public road)	
traffic accident (others)	2	1	2	1		1	1	2					1	1	2	1			1	3	1		2	22	traffic accident (others)	
reaction to motion/improper motion	196	225	234	184	214	178	192	205	229	206	193	216	178	179	196	184	187	166	192	180	198	225	202	4,559	reaction to motion/improper motion	
others	12	28	17	11	27	14	11	24	18	15	18	17	25	22	18	10	11	7	12	12	11	82	130	552	others	
unclassifiable	5	4	7	3	4	5	2	13	2	2	3	1	3	1	1	2	2	2	1	4	1	1	2	71	unclassifiable	
total	3,983	4,220	4,117	3,941	3,983	3,951	3,933	4,084	3,944	3,675	3,311	3,358	3,543	3,540	3,427	3,452	3,237	2,923	2,859	3,152	3,166	3,270	3,304	82,373	total	

Causal agents (large) of fatal and non-fatal accidents in other building 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	568	611	550	549	512	521	497	482	559	472	464	447	482	468	433	431	408	350	338	404	374	373	405	10,698	machine
crane, conveying machine	449	479	475	489	466	463	499	466	427	468	409	389	396	439	424	435	412	404	374	399	418	464	373	10,017	crane, conveying machine
other equipment	733	762	772	721	750	769	757	803	773	750	643	687	653	686	645	672	635	571	571	593	556	573	663	15,738	other

																									equipment
temporary buildings, establishments	1,260	1,336	1,353	1,264	1,302	1,328	1,296	1,357	1,255	1,161	1,044	1,049	1,249	1,184	1,149	1,172	1,131	960	939	1,046	1,107	1,027	1,013	26,982	temporary buildings, establishments
substance, material	657	704	647	656	665	623	633	671	644	556	487	519	464	500	497	491	420	416	396	439	430	445	448	12,408	substance, material
load	131	126	146	129	129	112	97	125	118	132	112	114	98	104	102	102	84	79	85	86	106	120	93	2,530	load
environment	83	74	60	47	51	62	80	77	81	71	54	82	120	87	91	67	75	73	76	98	86	103	110	1,808	environment
others	102	128	114	86	108	73	74	103	87	65	98	71	81	72	86	82	72	70	80	87	89	165	199	2,192	others
total	3,983	4,220	4,117	3,941	3,983	3,951	3,933	4,084	3,944	3,675	3,311	3,358	3,543	3,540	3,427	3,452	3,237	2,923	2,859	3,152	3,166	3,270	3,304	82,373	total

Causal agents (middle) of fatal and non-fatal accidents in other building 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	3	2	1		1	2	1	1		6			1	4	2			5		2	1	1	1	34	engine
power transmission mechanism	1	4	4	1	3	1	2	2	2	3		1		1	2		2		1	1	2		2	35	power transmission mechanism
woodworking machine	242	239	232	212	206	186	186	169	229	185	173	144	160	152	143	129	107	100	92	96	96	96	92	3,666	woodworking machine
construction machine	142	168	141	147	132	158	133	137	163	127	138	141	160	158	164	160	153	135	124	187	131	140	165	3,404	construction machine
metal manufacturing machine	84	108	95	108	102	89	91	106	99	104	81	102	90	104	76	88	84	66	81	76	84	79	83	2,080	metal manufacturing machine

general machine	96	90	77	81	68	85	84	67	66	47	72	59	71	49	46	54	61	44	38	42	59	57	62	1,475	general machine
mobile silviculture machine																	1		2		1			4	mobile silviculture machine
crane	84	99	99	97	92	75	95	84	88	91	84	65	64	64	72	60	67	60	53	60	66	66	51	1,736	crane
conveying machine	279	305	303	313	313	299	320	303	283	288	250	237	243	286	283	263	260	256	239	246	282	294	247	6,392	conveying machine
vehicle	86	75	73	79	61	89	84	79	56	89	75	87	89	89	69	112	85	88	82	93	70	104	75	1,889	vehicle
pressure vessel	4	7	4	5	5	4	4	3	1	6	3	4	5	3	4	2	2	6	3	3	1	3	2	84	pressure vessel
chemical facilities	2	1			1	3		1		1							1			1	1	1		13	chemical facilities
welding equipment	9	13	7	7	10	8	7	5	7	3	4	13	3	6	3	6	7	4	3	4	6	4	5	144	welding equipment
kiln, caldron	1	2	3	9	3	1	6	5	1		3	1	2		2	1	2		2			2		46	kiln, caldron
electric equipment	4	6	11	11	8	10	11	9	11	7	5	9	8	10	10	8	9	10	4	11	9	5	9	195	electric equipment
human power machine, tools	141	135	156	144	136	151	151	141	152	142	112	141	127	120	121	118	107	94	96	115	100	108	144	2,952	human power machine, tools
tools	543	556	562	518	559	556	540	594	568	557	486	483	484	512	478	507	480	426	433	422	413	408	465	11,550	tools
other equipments, facilities	29	42	29	27	28	36	38	45	33	34	30	36	24	35	27	30	27	31	30	37	26	42	38	754	other equipments, facilities
temporary buildings, establishments	1,260	1,336	1,353	1,264	1,302	1,328	1,296	1,357	1,255	1,161	1,044	1,049	1,249	1,184	1,149	1,172	1,131	960	939	1,046	1,107	1,027	1,013	26,982	temporary buildings, establishments

hazards, harmful substances	28	27	36	27	20	31	38	38	28	21	18	21	26	30	13	32	25	12	17	31	21	18	12	570	hazards, harmful substances
materials	629	677	611	629	645	592	595	633	616	535	469	498	438	470	484	459	395	404	379	408	409	427	436	11,838	materials
load	131	126	146	129	129	112	97	125	118	132	112	114	98	104	102	102	84	79	85	86	106	120	93	2,530	load
natural environment	83	74	60	47	51	62	80	77	81	71	54	82	120	87	91	67	75	73	76	98	86	103	110	1,808	natural environment
other causal agent	38	46	29	21	36	16	21	38	24	13	19	11	22	16	25	22	14	15	18	20	14	83	128	689	other causal agent
no causal agent	56	74	74	57	64	51	49	60	58	49	74	56	58	54	59	56	57	54	61	64	74	82	70	1,411	no causal agent
unclassifiable	8	8	11	8	8	6	4	5	5	3	5	4	1	2	2	4	1	1	1	3	1		1	92	unclassifiable
total	3,983	4,220	4,117	3,941	3,983	3,951	3,933	4,084	3,944	3,675	3,311	3,358	3,543	3,540	3,427	3,452	3,237	2,923	2,859	3,152	3,166	3,270	3,304	82,373	total

Causal agents (small) of fatal and non-fatal accidents in other building 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			1		1		1	1		6			1	4	2			5		2	1	1	1	27	engine
power transmission mechanism			4		3		2	2	2	3		1		1	2		2		1	1	2		2	28	power transmission mechanism
circular sawing machine			145		134		123	114	146	123	110	94	112	105	94	92	62	59	56	52	59	54	56	1,790	circular sawing machine
band sawing machine			3		8		1	1	4	2	1		1		1		2	1			1	1	1	28	band sawing machine
wood planer machine			30		18		20	21	21	19	16	13	7	9	9	6	10	10	7	12	3	10	9	250	wood planer machine

machine																									machine
other mobile silviculture machine																									other mobile silviculture machine
crane			21		21		17	20	20	16	16	15	14	9	6	11	10	11	15	4	11	15	8	260	crane
mobile crane			56		54		60	46	55	61	54	36	34	43	53	43	45	42	30	45	44	44	37	882	mobile crane
derrick crane										1														1	derrick crane
elevator, lift			5		3		7	6	2	1	3	1	4	2	3	1	4	2	2	2	2	1	1	52	elevator, lift
cargo lifting appliance			1																					1	cargo lifting appliance
gondola			2		3		3	1	2	2	3	1	3		3	2		1	2	3	1			32	gondola
lumberyard equipment, logging cableway									1	1			1											3	lumberyard equipment, logging cableway
simple skyline yarding equipment																									simple skyline yarding equipment
other powered crane			14		11		8	11	8	9	8	12	8	10	7	3	8	4	4	6	8	6	5	150	other powered crane
truck			263		275		281	272	262	262	229	220	218	263	254	236	243	232	220	222	249	258	225	4,684	truck
forklift			16		17		21	15	13	11	8	11	13	11	19	14	7	15	10	16	25	26	18	286	forklift
railway equipment																1	2	1				1		5	railway equipment
conveyor			10		8		4	7	1	5	5	4	3	2	1	1	1	4	2	2	1	3	2	66	conveyor
loader					3		3	1	2						2		1				1			13	loader
straddle carrier																					1			1	straddle carrier
rough terrain hauler			4				3	2		4	1		2		2	3	1		2		1	2	1	28	rough terrain hauler
other powered			10		10		8	6	5	6	7	2	7	10	5	8	5	4	5	6	4	4	1	113	other powered

conveying machines																									conveying machines
cars, bus, motorcycle			72		60		80	78	56	86	73	82	89	85	68	109	83	87	80	91	68	103	72	1,522	cars, bus, motorcycle
railway vehicle													1	1				1			1		4		railway vehicle
other vehicles			1		1		4	1		3	2	5		3		3	2	1	1	2	2		3	34	other vehicles
boiler			1			1									1		1						4		boiler
pressure vessel					2		1			1		1	1								1			8	pressure vessel
other pressure vessels			3		3		2	3	1	5	3	3	4	2	4	1	2	5	3	3		3	2	52	other pressure vessels
chemical facilities					1		1		1							1				1	1	1		7	chemical facilities
gas welding equipment			5		8		5	4	5	1	2	11	2	3	3	4	2	2	2	2	5	2	4	72	gas welding equipment
arc welding equipment			2		1		1	1	2	1	2	1	2		2	3	1	1	1	1	1	2	1	25	arc welding equipment
other welding equipment					1		2		1		1			1		2	1		1					10	other welding equipment
kiln, caldron			3		2		6	3	1		2	1	2		1	2		2				1		26	kiln, caldron
industrial dryer															1							1		2	industrial dryer
other kiln, caldron					1		2			1				1										5	other kiln, caldron
transmission			3		4		10	6	3	4	4	4	3	8	5	5	4	5	1	7	6	2	1	85	transmission
electric power facilities			2		1		1	6	2	1		1	2	3	1	1	1	1	2	2			3	30	electric power facilities
other electrical equipment			6		3		1	2	2	1		5	4		2	2	4	4	2	2	1	3	5	49	other electrical equipment
human power			4		5		4	1	3	3		3	1	1	3	2	2		2	2	2	4	9	51	human power

cranes																									cranes
human power hauling equipment			11		11		15	15	14	24	10	12	14	18	9	25	17	11	10	13	9	12	13	263	human power hauling equipment
human power machine			3		4		5	5	4	4	4	5	3	3	2	2	1	3	3	1	1	2	2	57	human power machine
hand tool			138		116		127	120	131	111	98	121	109	98	107	89	87	80	81	99	88	90	120	2,010	hand tool
ladder			480		488		472	521	487	472	430	425	426	447	420	439	429	363	373	372	352	344	394	8,134	ladder
slinging tool			20		18		17	16	17	19	16	10	12	13	12	18	12	13	14	8	13	8	13	269	slinging tool
other tools			62		53		51	57	64	66	40	48	46	52	46	50	39	50	46	42	48	56	58	974	other tools
other equipment, facilities			29		28		38	45	33	34	30	36	24	35	27	30	27	31	30	37	26	42	38	620	other equipment, facilities
scaffolding			372		357		350	387	349	289	271	252	296	293	315	306	278	214	198	243	263	227	226	5,486	scaffolding
timbering			9		5		6	8	5	2	6	4	3	5	2	5	4	5	3	2	3	1	3	81	timbering
stairs, landing stage			94		103		93	75	87	85	82	71	90	84	69	77	88	93	86	88	99	92	102	1,658	stairs, landing stage
opening			24		31		27	25	32	33	28	21	28	22	27	24	38	34	25	31	34	30	40	554	opening
roof, beam, haze, crossbeam, principal rafter			348		346		369	355	292	285	247	286	356	324	304	294	288	213	209	269	263	213	197	5,458	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			98		108		91	97	92	103	82	85	89	96	72	78	84	60	63	65	82	92	75	1,612	working platform, boot board
passage			113		97		121	126	126	100	95	120	137	110	112	122	101	110	115	128	136	148	168	2,285	passage
building, establishment			215		190		164	199	176	172	180	137	180	164	181	197	157	146	161	154	152	155	146	3,226	building, establishment
other temporary buildings, establishments			80		65		75	85	96	92	53	73	70	86	67	69	93	85	79	66	75	69	56	1,434	other temporary buildings, establishments

explosive substance			1			1	1	3			2				4							12	explosive substance		
inflammable substance			7		7		8	9	13	3	3	2		8	4	7	3	2	3	4	3	5	5	96	inflammable substance
inflammable gas			2		1		3	3	2	1	7	5	4	4	1	4	4		2	1	1	1		46	inflammable gas
harmful substance			15		10		20	21	3	8	2	10	16	14	3	11	6	5	6	16	8	4	3	181	harmful substance
radiation																									radiation
other hazards, harmful substances			11		2		6	4	7	9	6	2	6	4	5	10	8	5	6	10	9	8	4	122	other hazards, harmful substances
metal material			317		370		322	371	323	292	265	253	242	272	269	256	221	229	232	227	235	237	244	5,177	metal material
lumber, bamboo			128		121		122	121	123	111	95	95	71	75	84	70	73	68	65	77	80	79	83	1,741	lumber, bamboo
stone, sand, substance			51		54		48	53	55	37	30	45	39	31	35	33	25	29	21	34	34	24	24	702	stone, sand, substance
other materials			115		100		103	88	115	95	79	105	86	92	96	100	76	78	61	70	60	87	85	1,691	other materials
load			114		106		80	106	92	112	90	94	79	84	82	91	74	67	74	73	90	106	84	1,698	load
machine/equipment as load			32		23		17	19	26	20	22	20	19	20	20	11	10	12	11	13	16	14	9	334	machine/equipment as load
natural ground, rock			17		14		18	13	26	10	11	17	17	12	18	14	13	3	12	9	13	28	20	285	natural ground, rock
standing tree			8		13		14	5	18	17	18	15	13	12	14	10	22	19	14	16	15	12	21	276	standing tree
water							4	2	1	3		2	33	1	1			1	2					50	water
abnormal environment										2		3	2	1	1				1					10	abnormal environment
high/cold temperature environment			15		12		8	17	16	15	5	24	29	23	27	20	12	23	23	38	34	33	39	413	high/cold temperature environment

other environments			20		12		36	40	20	24	20	21	26	38	30	23	28	27	24	35	24	30	30	508	other environments
other causal agent			29		36		21	38	24	13	19	11	22	16	25	22	14	15	18	20	14	83	128	568	other causal agent
no causal agent			74		64		49	60	58	49	74	56	58	54	59	56	57	54	61	64	74	82	70	1,173	no causal agent
unclassifiable			11		8		4	5	5	3	5	4	1	2	2	4	1	1	1	3	1		1	62	unclassifiable
total			4,117		3,983		3,933	4,084	3,944	3,675	3,311	3,358	3,543	3,540	3,427	3,452	3,237	2,923	2,859	3,152	3,166	3,270	3,304	66,278	total

Workers age of fatal and non-fatal accidents in other building 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	169	175	161	144	140	153	105	115	127	113	101	131	149	163	170	154	155	114	105	115	103	107	95	3,064	19 years old or less
20-29	858	941	966	894	804	780	788	778	718	708	602	563	622	586	593	575	500	552	477	555	600	707	633	15,800	20-29
30-39	641	677	684	758	740	793	809	874	885	741	691	750	751	765	705	641	598	530	522	580	548	588	630	15,901	30-39
40-49	713	726	670	580	626	597	529	623	583	589	563	549	670	681	654	692	661	604	646	665	636	655	649	14,561	40-49
50-59	949	1,041	1,025	937	1,027	981	1,020	1,005	967	843	730	659	662	643	588	596	590	487	502	568	583	548	591	17,542	50-59
60 years old or more	653	660	611	626	646	647	682	689	664	681	624	706	689	702	717	794	733	636	607	669	696	665	706	15,503	60 years old or more
total	3,983	4,220	4,117	3,941	3,983	3,951	3,933	4,084	3,944	3,675	3,311	3,358	3,543	3,540	3,427	3,452	3,237	2,923	2,859	3,152	3,166	3,270	3,304	82,373	total

Workers' number of workplace of fatal and non-fatal accidents in other building 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	2,697	2,926	2,833	2,713	2,738	2,759	2,688	2,804	2,690	2,503	2,255	2,300	2,465	2,433	2,361	2,330	2,173	1,912	1,855	2,059	2,028	1,993	1,985	55,500	9 workers or less
10-29	996	1,003	994	961	949	928	988	949	930	881	797	817	799	848	799	809	778	767	743	791	838	898	927	20,190	10-29
30-49	189	183	197	159	170	150	177	196	194	171	155	155	180	166	152	197	150	166	159	191	187	212	241	4,097	30-49

total	3,983	4,220	4,117	3,983	3,933	4,084	3,944	3,675	3,311	3,358	3,543	3,540	3,427	3,452	3,237	2,923	2,859	3,152	3,166	3,270	3,304	74,481	total
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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)

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 Fatal accidents in other building construction work in Japan in 1999-2021

other building construction work industry Code No.030209

Type of fatal accidents in other building construction work 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	total	Type of accidents
fall from height	44	49	43	43	37	49	47	42	42	39	38	44	38	39	50	48	30	25	31	30	25	23	28	884	fall from height
falling to same level	1		2	1	1				1	1						2	1	1	1	1		1		14	falling to same level
crash	1			1			1			1						1								5	crash
struck by flying or falling object	4	1	1	3	5	4	5	5		2		3		3	1	1	3	3		5	5	1	2	57	struck by flying or falling object
collapse	3	10	4	11	8	7	3	6	4	10	5	3	3	8	4	5	3	6	5	4	6	1	7	126	collapse
crashed by	4	3	2	3		1	3	8	5	2	1	2	1	6	1	4	2	3	3		4	3	4	65	crashed by
caught in/between	4	5	3	3	6	8	2	5	5	2	4	4	1	3	4	3	2	2		4	1	2	6	79	caught in/between
cut	1						1			1			1	1		1	1					1	1	9	cut

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	6	6	6	6	3	9	4	10	8	4	4	6	4	7	4	5	4	7	2	4	5	4	6	124	machine
crane, conveying machine	10	14	13	13	13	7	17	11	11	8	7	8	7	9	7	13	7	12	7	8	10	6	9	227	crane, conveying machine
other equipment	3	2	6	6	5	8	5	7	6	6	7	7	5	6	5	4	1	5	4	5	2	5	3	113	other equipment
temporary buildings, establishments	47	51	38	48	42	47	44	39	39	45	37	42	35	38	45	44	32	25	31	30	23	20	30	872	temporary buildings, establishments
substance, material	4	1		4	3	6	2	4	8			2		3	1	5	4			1	2	1	1	52	substance, material
load	2						1			1			1		1			3	1		4		1	15	load
environment	2	4	6	3	4	4	2	6		2	1		36	2	3	3	2	2	2	3	5	2	3	97	environment
others	1						4	1	4		3				1	1	2				2	3	3	25	others
total	75	78	69	80	70	81	79	78	76	66	59	65	88	65	67	75	52	54	47	51	53	41	56	1,525	total

Causal agents (middle) of fatal accidents in other building 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						2	engine	
power transmission mechanism																										power transmission mechanism
woodworking machine							1		1			1	1		1									5	woodworking machine	
construction machine	5	6	6	6	3	8	3	8	8	3	4	5	3	6	4	4	4	5	2	4	5	3	5	110	construction machine	

metal manufacturing machine	1							1																2	metal manufacturing machine	
general machine						1						1					1			1	1			5	general machine	
mobile silviculture machine																										mobile silviculture machine
crane		2	1	3	2		8	6	3		1	2	1	4	4	5	2	1	1	1	3	2	2	54	crane	
conveying machine	6	8	6	6	8	7	3	4	3	7	3	4	2	4	2	6	4	7	2	4	4	2	6	108	conveying machine	
vehicle	4	4	6	4	3		6	1	5	1	3	2	4	1	1	2	1	4	4	3	3	2	1	65	vehicle	
pressure vessel																										pressure vessel
chemical facilities																										chemical facilities
welding equipment	1									1						1									3	welding equipment
kiln, caldron				5																					5	kiln, caldron
electric equipment				1		1	1	1	1	1	1	1		1				2		1		1			13	electric equipment
human power machine, tools					1																	1			2	human power machine, tools
tools	2	2	5		4	7	2	6	5	4	5	5	5	5	5	3	1	2	4	3	2	2	3		82	tools
other equipments, facilities			1					2				1	1					1		1		1			8	other equipments, facilities
temporary buildings, establishments	47	51	38	48	42	47	44	39	39	45	37	42	35	38	45	44	32	25	31	30	23	20	30		872	temporary buildings, establishments
hazards, harmful substances	3			1	2	3		2	7			2		1	1	2	4				1		1		30	hazards, harmful substances

mobile crane				1				1						3	3	3	1		1	1	3	2	1	31	mobile crane	
derrick crane																									derrick crane	
elevator, lift					1		2	2			1	1					1	1					1	10	elevator, lift	
cargo lifting appliance																									cargo lifting appliance	
gondola					1			1							1									3	gondola	
lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway	
simple skyline yarding equipment																									simple skyline yarding equipment	
other powered crane																								2	other powered crane	
truck	4	7	6	6	8	6	2	4	3	7	2	4	2	4	1	4	3	5	2	2	2	2	1	3	88	truck
forklift	1							1								1		2		2	1	1	2	11	forklift	
railway equipment																									railway equipment	
conveyor							1																	1	conveyor	
loader	1																							1	loader	
straddle carrier																									straddle carrier	
rough terrain hauler																1							1	2	rough terrain hauler	
other powered conveying machines																	1							5	other powered conveying machines	
cars, bus, motorcycle	4	4	6	3	3		6	1	5	1	2	2	4	1	1	2	1	4	4	3	3	2		62	cars, bus, motorcycle	
railway vehicle					1							1												2	railway vehicle	

other vehicles																					1	1	other vehicles	
boiler																								boiler
pressure vessel																								pressure vessel
other pressure vessels																								other pressure vessels
chemical facilities																								chemical facilities
gas welding equipment									1														1	gas welding equipment
arc welding equipment	1														1								2	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				1	1	1	1	1	1	1	1	1				2	1	1					11	transmission
electric power facilities										1													1	electric power facilities
other electrical equipment																							1	other electrical equipment
human power cranes					1																		1	human power cranes
human power hauling equipment																								human power hauling equipment
human power machine																								human power machine

hand tool																							1	1	hand tool
ladder	1	1	4		2	6	2	4	5	3	5	5	4	5	5	3			4	2	2	2	3	68	ladder
slinging tool	1		1		2	1		2								1	1		1					10	slinging tool
other tools		1								1			1					1						4	other tools
other equipment, facilities			1				2				1	1						1		1		1		8	other equipment, facilities
scaffolding	16	12	15	9	10	9	13	10	7	7	8	15	8	6	10	12	9		10	8	6	4	6	210	scaffolding
timbering	1																		1					2	timbering
stairs, landing stage	1	2		1		1			1		3		1	1		1			1	1	1		1	16	stairs, landing stage
opening		1	4	7	2	3	3	5	1	2	3	1	2	2	2	2	2	1	1	2		1	2	49	opening
roof, beam, haze, crossbeam, principal rafter	18	15	14	18	13	21	16	16	15	16	16	15	17	14	27	15	15	12	8	13	8	7	11	340	roof, beam, haze, crossbeam, principal rafter
working platform, boot board	5	2			2	3	2		4	1	2		3	2		2		2	1	1	2		1	35	working platform, boot board
passage				1												1							1	3	passage
building, establishment	6	15	3	10	15	10	9	7	8	18	4	8	4	12	6	11	6	10	6	4	5	6	8	191	building, establishment
other temporary buildings, establishments		4	2	2			1	1	3	1	1	3		1					3	1	1	2		26	other temporary buildings, establishments
explosive substance																									explosive substance
inflammable substance								2	5						1		2							10	inflammable substance
inflammable gas						2															1			3	inflammable gas

total	75	78	69	80	70	81	79	78	76	66	59	65	88	65	67	75	52	54	47	51	53	41	56	1,525	total
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Workers age of fatal accidents in other building 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		2		2	4	3	1	2	1	1	3	4		2	2	3	2	1	1	2				36	19 years old or less
20-29	18	7	9	17	11	12	15	10	13	4	17	14	8	7	7	9	6	5	8	7	6	4	7	221	20-29
30-39	8	14	14	13	8	10	9	10	13	13	5	9	13	12	7	11	4	8	7	7	9	5	9	218	30-39
40-49	16	8	10	10	11	9	8	11	11	13	10	8	11	8	12	13	5	12	10	5	8	7	8	224	40-49
50-59	16	30	15	20	18	30	25	31	13	15	12	10	29	13	15	14	11	15	5	12	11	14	16	390	50-59
60 years old or more	17	17	21	18	18	17	21	14	25	20	12	20	27	23	24	25	24	13	16	18	19	11	16	436	60 years old or more
total	75	78	69	80	70	81	79	78	76	66	59	65	88	65	67	75	52	54	47	51	53	41	56	1,525	total

Workers' number of workplace of fatal accidents in other building 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	47	43	37	50	41	53	53	56	50	46	36	40	53	43	53	52	36	34	38	34	34	28	34	991	9 workers or less
10-29	24	29	21	19	24	23	19	17	18	11	16	21	27	19	8	14	13	16	8	14	14	9	20	404	10-29
30-49	2	4	6	5	1	3	5	1	8	5	5	1	6	2	2	6	1	4	1	1	2	4	1	76	30-49
50-99	2	1	4	5	3	2	2	3		4	2				3	2	1				1			35	50-99
100-299		1	1		1							3	2	1	1	1	1			2	2		1	17	100-299
300 workers or more				1				1																2	300 workers or more
total	75	78	69	80	70	81	79	78	76	66	59	65	88	65	67	75	52	54	47	51	53	41	56	1,525	total

Month of fatal accidents in other building 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	9	4	4	4	6	4	3	2	10	7	5	3	5	5	3	6	5	7	2	4	3	4	7	112	January
February	4	6	7	8	3	6	5	9	6	3	4	6	3	5	2	7	2	5	4	4	6	4	5	114	February
March	6	13	5	5	8	6	14	8	7	5	9	6	37	6	5	9	7	5	4	3	3	5	4	180	March
April	7	4	5	9	11	7	9	8	3	4	1	5	5	3			6	4	4	2	3	2	4	106	April
May	2	8	1	1	6	4	6	5	6	9		5	5	5	5	9	5	3	3	3	2	2	2	97	May
June	9	4	2		2	3	4	3	2	2	6	10	5	5	7	5	4	1	3	4		6	7	94	June
July	8	9	14	16	8	9	4	6	4	5	7	6	5	5	4	10	2	5	8	6	8	3	4	156	July
August	3	4	5	5	9	7	9	9	8	7	8	8	2	8	6	7	5	5	6	1	7	2	9	140	August
September	6	4	10	2	8	15	1	6	8	8	4	9	6	2	9	8	6	5	4	10	5	4	6	146	September
October	4	10	7	7	5	11	7	6	7	4	5	1	3	9	10	5	5	2	3	6	2	1	2	122	October
November	10	6	4	8	3	6	12	6	6	9	8	3	8	7	9	4	3	8	4	2	6	3	2	137	November
December	7	6	5	15	1	3	5	10	9	3	2	3	4	5	7	5	2	4	2	6	8	5	4	121	December
total	75	78	69	80	70	81	79	78	76	66	59	65	88	65	67	75	52	54	47	51	53	41	56	1,525	total

Prefecture of fatal accidents in other building 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	7	3	2	9	2	4	3	3	5	3	5	6	3	4	4	4	3	8	4	3	5	2	4	96	Hokkaido
Aomori			4		1			1			1	1												8	Aomori
Iwate		1	1	1		1	1		1		1		17	1	1		1		3			2	2	34	Iwate
Miyagi		3		1	1	1	1	1			1		17			1	1				1			29	Miyagi
Akita	1		1	1				2		1	2									1		1		10	Akita
Yamagata	1		1	1		1		1	1	1				2	1	4			1	1	3	1	2	22	Yamagata

Fukushima	2	1	1	1	2	2		1	2	4			4	1	3						2	2	28	Fukushima	
Ibaraki	1	3	1	3	2	2	1	3	6	1	3	1	3		2	4	1	2	2		1		4	46	Ibaraki
Tochigi	1	1		1	3		1	1		1		2	4	3		4		2	2		2		1	29	Tochigi
Gunma			1	2	2	4			2	2	1			3	2	1		1		1				22	Gunma
Saitama	5	3	3	5	1	3	5	2	2	4	4	2	2	2	5	3	6	1	2	3	1	3	4	71	Saitama
Chiba	5	1	3	2	3	1		2	4	4	4	3	1	4	3	6	2	3	3	2	4	3	1	64	Chiba
Tokyo	9	17	10	8	6	10	9	12	9	9	2	5		6	5	11	8	5	6	2	1	1	5	156	Tokyo
Kanagawa	1	1	1	3	3	1	2	1	4	2	6	6	7	5	4	7	1			3	3	2	4	67	Kanagawa
Niigata	3		4	1	1	2	4	1	1	1				2	1	1	1			1	2			26	Niigata
Toyama		2				1	3	2										2	1		1		1	13	Toyama
Ishikawa					1										1									2	Ishikawa
Fukui	1						1			1		1					1	1		1			1	8	Fukui
Yamanashi		2			1				1			1		2	1		1	2						11	Yamanashi
Nagano		1	4	1	1		3	2	3	1	1		2	1	1		1	1				1	2	26	Nagano
Gifu		2		2	4		1	2	3			2	2				2	1		3		1	1	26	Gifu
Shizuoka	3	1	4	4	2	3	2	4	3	3		5	2	3			1		1				1	42	Shizuoka
Aichi	2	5	8	5	5	3	1	10	4	3	1	4	4	5	2	3	3			1	5	2		76	Aichi
Mie							2	1			1		1		1			1		1			1	9	Mie
Shiga		1		1	2		2		1	1			1	1	1	1								12	Shiga
Kyoto		1	2	1	3	1	2		3	2	1	2	1				1	1	2	1	1	1		26	Kyoto
Osaka	1	4	2	5	8	4	11	12	10	12	3	6	6	3	10	3	4	4	4	10	6		2	130	Osaka
Hyogo	7	4	5	1	4	8	2	3	2	3	5	8		4	2	5	1		1		2		3	70	Hyogo
Nara	1	1					1			1	1		1		1	1			1			1		10	Nara
Wakayama	1	2				1	1	1				2				1		2		2			1	14	Wakayama

Tottori			1	1	2									1							1			6	Tottori	
Shimane	1	1							2			1									1	1		7	Shimane	
Okayama	2	3		6		1	2	2			1	1	2	1	1	1		2		1	1	4	1	32	Okayama	
Hiroshima	1	1	1	1	2	4	2		1				1	2	1	3	1	1	1			2		25	Hiroshima	
Yamaguchi	4	3	2	3		2	1		1		3					1		1	1			1	1	2	26	Yamaguchi
Tokushima				1		1								2	1	1		2					1		9	Tokushima
Kagawa		1		1			1				1		1			1	1							1	8	Kagawa
Ehime			2		2	2	2			1		1		1	1	1			1	2	1				17	Ehime
Kochi	1					1	2							1					1	2	3				11	Kochi
Fukuoka	3	3	1	4	1	5	3	3		2	2	2	3	4	3	2	4	4	3	5	1	2	4	64	Fukuoka	
Saga	1	1	1	1				2				1			1	1		2		1			1		13	Saga
Nagasaki	1	1	1		1	5	1		1	2	3		1	2	3	1	3	3	1	3	2	2	3	40	Nagasaki	
Kumamoto	2	1		1	3	4	1	1			2		1		1		1		3				1		22	Kumamoto
Oita	2	1	1	1			2		1	1	2	1	1	1	1	1	1	1		1			1		20	Oita
Miyazaki	2	2					2	1	1							1	1		1			1	2		14	Miyazaki
Kagoshima	1		1		1	3	1	1	2						1	1			2			3	1		18	Kagoshima
Okinawa	2			1							2	1					1	1					2		10	Okinawa
total	75	78	69	80	70	81	79	78	76	66	59	65	88	65	67	75	52	54	47	51	53	41	56	1,525	total	

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