

other equipment	275	274	266	291	282	242	269	247	310	292	298	333	292	332	309	330	317	327	321	381	377	412	402	7,179	other equipment
temporary buildings, establishments	127	130	117	137	124	128	142	143	136	151	136	172	164	218	234	206	219	223	198	244	250	277	274	4,150	temporary buildings, establishments
substance, material	42	42	42	54	46	43	37	36	40	28	39	48	44	48	37	36	35	47	53	43	41	46	55	982	substance, material
load	23	13	34	29	29	32	27	24	33	31	26	30	27	27	39	45	48	47	54	35	48	47	54	802	load
environment	153	157	172	171	173	165	164	163	179	152	163	208	192	201	215	202	205	189	209	257	215	227	229	4,361	environment
others	43	54	55	39	43	37	28	38	21	33	44	41	49	40	44	54	44	62	54	44	63	66	119	1,115	others
total	929	930	970	976	954	934	948	905	1,015	995	1,048	1,155	1,143	1,245	1,261	1,243	1,234	1,260	1,294	1,422	1,438	1,535	1,560	26,394	total

Causal agents (middle) of fatal and non-fatal accidents in agriculture 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					2				2	1			8	engine
power transmission mechanism	4	4	5	4	1	7	6	3	4	4	6	4	4	7	3	10	5	5	2	4	5	11	7	115	power transmission mechanism
woodworking machine	25	37	29	40	38	41	52	32	48	51	44	55	49	50	64	68	50	53	57	60	62	71	71	1,147	woodworking machine
construction machine	6	6	11	16	3	14	13	8	16	10	13	14	10	26	16	14	23	18	19	18	20	19	27	340	construction machine
metal manufacturing	9	4	2	5	1	4	2	3	1	2	3	2	4	1	2	4	4	2	1	6	3	4	4	73	metal manufacturing

temporary buildings, establishments	127	130	117	137	124	128	142	143	136	151	136	172	164	218	234	206	219	223	198	244	250	277	274	4,150	buildings, establishments
hazards, harmful substances	5	4	2	2	2	3	3	3		5	2	1	2	7	1	1	4		7	4	4	5	6	73	hazards, harmful substances
materials	37	38	40	52	44	40	34	33	40	23	37	47	42	41	36	35	31	47	46	39	37	41	49	909	materials
load	23	13	34	29	29	32	27	24	33	31	26	30	27	27	39	45	48	47	54	35	48	47	54	802	load
natural environment	153	157	172	171	173	165	164	163	179	152	163	208	192	201	215	202	205	189	209	257	215	227	229	4,361	natural environment
other causal agent	16	26	18	14	12	17	8	10	5	10	10	11	11	14	11	20	11	24	18	13	20	13	45	357	other causal agent
no causal agent	25	25	37	24	30	18	18	27	16	20	33	29	35	25	33	33	32	36	36	29	43	53	74	731	no causal agent
unclassifiable	2	3		1	1	2	2	1		3	1	1	3	1		1	1	2		2				27	unclassifiable
total	929	930	970	976	954	934	948	905	1,015	995	1,048	1,155	1,143	1,245	1,261	1,243	1,234	1,260	1,294	1,422	1,438	1,535	1,560	26,394	total

Causal agents (small) of fatal and non-fatal accidents in agriculture 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					2				2	1			7	engine
power transmission mechanism			5		1		6	3	4	4	6	4	4	7	3	10	5	5	2	4	5	11	7	96	power transmission mechanism
circular sawing machine			4		3		8	2	5	4	1	4	7	8	6	10	6	4	3	2	5	5	6	93	circular sawing machine
band sawing													1	1										2	band sawing

drill press, milling machine																								drill press, milling machine	
grinding machine, buffing machine			1		1		1	1	1	1	3	2	4		2	3	3	2	1	5	3	4	4	42	grinding machine, buffing machine
power press																									power press
forging pressure hammer																									forging pressure hammer
shearing machine														1										1	shearing machine
other metal manufacturing machines			1				1	2		1					1	1			1					8	other metal manufacturing machines
centrifugal machine										1						1				1	1			4	centrifugal machine
mixer, grinder			1		3			1	4	4	6	3	7	4	2	2	4		2	3	7	4	4	61	mixer, grinder
roll machine (except printingroll machine)			1											1	1				2		1			6	roll machine (except printingroll machine)
injection molding machine			2																					2	injection molding machine
food manufacturing machine			2				3	2	4	4	12	4	4	9	8	6	8	5	8	6	5	15	10	115	food manufacturing machine
printing machine																		1						1	printing machine
industrial robot			1				1					1		2							1			6	industrial robot
other general power machines			115		89		82	80	101	115	116	122	143	124	139	138	127	122	123	130	163	160	154	2,343	other general power machines
felling machine																3			2					5	felling machine

mobile logging machine																										1					1	mobile logging machine
skyline yarding machine																																skyline yarding machine
other mobile silviculture machine																											1	1	1	3	other mobile silviculture machine	
crane							3			1	2		1		1	1	2	1									3			15	crane	
mobile crane			1		4		5	6	5	7	1	4	4	9	6	3	5	9	2	10	6	6	5							98	mobile crane	
derrick crane																															derrick crane	
elevator, lift					1			1					1	1	1	2		1		2	3	2							15	elevator, lift		
cargo lifting appliance																															cargo lifting appliance	
gondola																												1			1	gondola
lumberyard equipment, logging cableway																															lumberyard equipment, logging cableway	
simple skyline yarding equipment																															simple skyline yarding equipment	
other powered crane			1		1		1		1	2	1				2				1								1	1		12	other powered crane	
truck			50		66		55	61	62	56	66	64	69	80	67	56	58	76	82	84	78	85	68							1,283	truck	
forklift			10		6		9	5	7	5	10	11	14	8	14	9	8	16	18	14	20	15	13						212	forklift		
railway equipment														1	1	2	1				1	1	1						8	railway equipment		
conveyor			13		11		8	17	9	12	16	9	11	7	11	11	19	12	10	8	15	13	15						227	conveyor		
loader					2			2			1		1	1		2	4		1			2	4	1					21	loader		

straddle carrier																									straddle carrier		
rough terrain hauler						1			1		2		1				1	5	2		1		14	rough terrain hauler			
other powered conveying machines			13		15		20	13	16	17	15	10	22	23	23	19	13	17	25	30	20	18	18	347	other powered conveying machines		
cars, bus, motorcycle			26		15		17	18	17	12	25	17	27	20	20	18	28	24	38	29	21	25	24	421	cars, bus, motorcycle		
railway vehicle																			1					1	railway vehicle		
other vehicles			1		1		2	2	1	4	4	1	2	4	2	3	5	3	7	6	5	1	5	59	other vehicles		
boiler						1									1									3	boiler		
pressure vessel																									pressure vessel		
other pressure vessels																1							1		2	other pressure vessels	
chemical facilities																								1	chemical facilities		
gas welding equipment																										gas welding equipment	
arc welding equipment																								1	1	arc welding equipment	
other welding equipment																										other welding equipment	
kiln, caldron												1						1						1	3	kiln, caldron	
industrial dryer			1						1									1						1	1	5	industrial dryer
other kiln, caldron																										other kiln, caldron	
transmission			1								1	1	1	3				1	3	1	1				13	transmission	
electric power facilities												1													2	electric power facilities	

other electrical equipment					1			1					1											3	other electrical equipment	
human power cranes									1					1	1							2	2	5	12	human power cranes
human power hauling equipment			15		7		10	8	15	17	6	16	18	13	19	11	14	14	16	19	17	31	29	295	human power hauling equipment	
human power machine			1		1		2	1	2	2				1	1	2		3	1	1	2	2	3	25	human power machine	
hand tool			48		55		51	54	47	44	39	56	45	57	51	68	74	63	55	78	54	78	79	1,096	hand tool	
ladder			177		191		173	151	202	197	219	211	185	211	192	205	189	196	198	221	231	248	218	3,815	ladder	
slinging tool			5				1	3	1	2	2	3		2	2	6	1	2		2	2		3	37	slinging tool	
other tools			13		18		20	21	27	19	22	34	29	30	29	24	22	24	34	39	46	33	47	531	other tools	
other equipment, facilities			5		9		11	8	14	11	9	10	13	14	13	13	15	19	16	19	21	16	17	253	other equipment, facilities	
scaffolding			5		5		5	6	5	2	2	4	1	3	2	3	3	1	1	2	3	1	3	57	scaffolding	
timbering																									timbering	
stairs, landing stage			9		3		5	8	7	7	5	10	9	14	6	9	9	10	11	6	13	19	18	178	stairs, landing stage	
opening			1		2		1	1	2	5	5	1	2	3	5	5	3	2	1	3	5	9	1	57	opening	
roof, beam, haze, crossbeam, principal rafter			3		6		7	7	7	4	4	6	6	11	7	6	10	8	3	2	2	9	8	116	roof, beam, haze, crossbeam, principal rafter	
working platform, boot board			17		30		19	22	24	24	23	29	31	33	34	35	36	37	43	42	46	38	42	605	working platform, boot board	
passage			39		39		52	53	46	53	45	61	63	78	100	93	93	87	75	115	108	128	126	1,454	passage	
building,			29		28		33	30	30	35	29	37	33	52	52	32	37	51	32	38	49	42	39	708	building,	

environment			1						2	1	1							1			1	5	13	environment	
high/cold temperature environment			2		1		3	1	5	3	4	17	9	10	10	13	14	11	22	36	19	16	14	210	high/cold temperature environment
other environments			21		30		31	25	32	15	21	34	28	33	45	47	43	38	36	58	54	57	62	710	other environments
other causal agent			18		12		8	10	5	10	10	11	11	14	11	20	11	24	18	13	20	13	45	284	other causal agent
no causal agent			37		30		18	27	16	20	33	29	35	25	33	33	32	36	36	29	43	53	74	639	no causal agent
unclassifiable					1		2	1		3	1	1	3	1		1	1	2		2				19	unclassifiable
total			970		954		948	905	1,015	995	1,048	1,155	1,143	1,245	1,261	1,243	1,234	1,260	1,294	1,422	1,438	1,535	1,560	22,625	total

Workers age of fatal and non-fatal accidents in agriculture 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	19	19	21	22	23	16	17	14	13	14	13	26	16	14	22	21	26	28	25	15	30	29	24	467	19 years old or less
20-29	135	178	174	168	160	134	137	114	128	126	141	143	150	148	164	170	156	158	155	179	166	185	206	3,575	20-29
30-39	93	93	116	130	126	122	125	149	151	148	171	198	209	208	233	215	200	177	193	197	198	212	232	3,896	30-39
40-49	134	136	144	127	129	121	125	113	114	125	135	152	159	185	168	178	184	206	191	241	237	268	245	3,817	40-49
50-59	229	188	223	230	214	209	243	217	231	213	236	262	212	231	204	176	201	192	209	222	241	240	260	5,083	50-59
60 years old or more	319	316	292	299	302	332	301	298	378	369	352	374	397	459	470	483	467	499	521	568	566	601	593	9,556	60 years old or more
total	929	930	970	976	954	934	948	905	1,015	995	1,048	1,155	1,143	1,245	1,261	1,243	1,234	1,260	1,294	1,422	1,438	1,535	1,560	26,394	total

Workers' number of workplace of fatal and non-fatal accidents in agriculture 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
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9 workers or less	581	618	648	664	634	600	631	602	708	654	683	772	729	777	828	797	778	767	789	860	843	934	886	16,783	9 workers or less
10-29	227	199	211	213	223	203	202	200	212	214	249	244	282	314	284	290	280	323	339	363	368	393	433	6,266	10-29
30-49	56	47	56	52	42	58	48	42	47	45	51	53	64	78	74	69	97	89	88	93	110	102	137	1,598	30-49
50-99	34	29	31	30	28	40	42	33	29	45	35	47	44	40	46	55	46	44	41	59	69	67	66	1,000	50-99
100-299	25	35	20	17	25	30	23	27	19	34	28	35	23	33	23	29	29	30	34	39	41	35	31	665	100-299
300 workers or more	6	2	4		2	3	2	1		3	2	4	1	3	6	3	4	7	3	8	7	4	7	82	300 workers or more
total	929	930	970	976	954	934	948	905	1,015	995	1,048	1,155	1,143	1,245	1,261	1,243	1,234	1,260	1,294	1,422	1,438	1,535	1,560	26,394	total

Month of fatal and non-fatal accidents in agriculture 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	59	56	54	64	47	51	42	75	66	62	73	62	76	76	82	73	84	83	81	97	95	103	104	1,665	January
February	64	54	52	54	58	46	53	48	57	54	59	56	58	68	66	67	75	86	92	85	80	106	95	1,533	February
March	44	55	44	60	57	78	75	57	70	63	66	86	76	73	99	68	71	87	81	71	102	101	135	1,719	March
April	57	48	66	75	60	53	53	46	74	72	55	79	69	54	85	71	67	78	82	98	106	114	109	1,671	April
May	48	56	57	70	66	71	65	68	72	80	77	93	72	107	92	101	112	113	108	113	102	136	127	2,006	May
June	82	83	108	94	93	92	91	83	104	82	87	106	102	106	103	119	118	112	116	132	120	127	140	2,400	June
July	102	107	81	99	108	89	104	97	109	94	100	116	125	138	138	116	131	114	127	166	143	137	154	2,695	July
August	84	109	101	99	86	68	88	88	90	87	95	124	109	122	105	128	107	115	132	130	139	147	152	2,505	August
September	87	93	93	78	94	112	98	89	94	113	84	126	105	119	129	128	128	122	133	129	149	141	119	2,563	September
October	107	85	104	102	97	94	83	85	87	95	120	104	124	140	118	131	124	124	125	149	128	158	166	2,650	October
November	103	89	117	88	89	96	101	92	108	105	129	117	127	127	133	125	116	115	115	143	158	147	140	2,680	November
December	92	95	93	93	99	84	95	77	84	88	103	86	100	115	111	116	101	111	102	109	116	118	119	2,307	December

total	929	930	970	976	954	934	948	905	1,015	995	1,048	1,155	1,143	1,245	1,261	1,243	1,234	1,260	1,294	1,422	1,438	1,535	1,560	26,394	total
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Prefecture of fatal and non-fatal accidents in agriculture 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	112	98	90		87		97	112	124	106	106	129	124	107	112	149	118	101	122	111	131	100	115	2,351	Hokkaido
Aomori	19	15	23		17		15	11	22	21	14	17	19	21	19	22	19	21	28	32	33	33	32	453	Aomori
Iwate	12	5	5		8		19	7	10	10	5	10	11	19	16	10	4	17	11	12	12	21	25	249	Iwate
Miyagi	6	6	9		9		6	5	14	20	22	22	18	26	26	24	16	14	12	26	19	18	27	345	Miyagi
Akita	3	6	3		5		5	7	6	6	5	6	7	6	10	7	10	9	10	15	16	15	12	169	Akita
Yamagata	8	10	10		9		10	11	9	15	7	24	11	13	12	19	17	18	11	32	21	26	26	319	Yamagata
Fukushima	9	3	10		5		10	10	15	16	11	10	9	17	22	21	22	23	12	28	24	24	48	349	Fukushima
Ibaraki	26	42	44		40		32	41	36	36	39	34	37	43	30	43	35	36	29	33	35	61	50	802	Ibaraki
Tochigi	8	5	8		4		12	12	8	10	13	9	10	7	6	7	15	8	12	18	18	16	28	234	Tochigi
Gunma	15	10	8		10		20	13	18	18	34	29	33	41	25	34	20	30	25	34	42	40	39	538	Gunma
Saitama	14	14	17		12		11	11	21	12	19	22	23	11	11	14	16	22	18	24	28	31	25	376	Saitama
Chiba	14	55	44		28		23	31	40	37	47	33	47	32	38	41	43	48	33	53	47	62	55	851	Chiba
Tokyo	42	48	55		47		50	60	64	54	58	71	69	52	49	64	52	59	54	53	56	61	67	1,185	Tokyo
Kanagawa	24	34	42		41		26	31	37	29	38	37	31	44	40	44	64	45	52	69	62	69	68	927	Kanagawa
Niigata	19	22	21		24		17	10	14	16	11	24	29	24	20	17	20	22	23	16	10	21	26	406	Niigata
Toyama	9	15	19		12		20	9	8	17	23	13	7	22	24	21	20	15	18	13	16	11	12	324	Toyama
Ishikawa	13	16	22		10		14	10	10	9	8	14	12	8	10	9	8	9	12	13	15	12	13	247	Ishikawa
Fukui	9	4	2		6		5	7	4	8	5	8	5	6	9	6	10	10	6	11	10	17	3	151	Fukui
Yamanashi	4	10	8		17		7	4	4	11	6	7	8	8	6	10	10	9	9	14	12	10	14	188	Yamanashi

Nagano	22	13	24		13		17	24	18	20	20	25	32	44	29	49	40	39	31	39	42	44	46	631	Nagano
Gifu	11	15	11		20		16	20	19	23	9	22	29	21	24	21	19	20	16	18	27	20	14	395	Gifu
Shizuoka	61	65	74		68		54	70	73	53	73	74	79	74	89	62	68	73	74	67	73	103	92	1,519	Shizuoka
Aichi	70	54	46		48		41	44	41	39	40	35	52	49	44	55	40	53	46	43	61	63	68	1,032	Aichi
Mie	38	30	21		25		32	25	30	21	26	22	22	30	34	32	22	30	34	37	35	39	30	615	Mie
Shiga	4	1	3		2		8	6	2	10	6	8	1	10	10	9	8	10	9	7	8	15	8	145	Shiga
Kyoto	13	15	10		21		24	24	22	27	32	40	27	25	37	30	25	21	23	30	31	29	25	531	Kyoto
Osaka	12	21	20		18		19	17	16	23	24	25	16	41	18	18	16	31	37	25	25	23	37	482	Osaka
Hyogo	30	38	31		52		33	42	35	38	21	52	32	44	48	33	24	30	31	58	35	33	35	775	Hyogo
Nara	16	10	13		25		20	16	23	18	25	20	27	35	31	30	27	20	20	14	27	24	20	461	Nara
Wakayama	26	30	40		53		46	36	38	42	50	38	44	56	63	39	51	52	57	45	45	53	61	965	Wakayama
Tottori	5	1	4		5		2	7	7	3	7	3	5	10	5	4	5	8	8	6	4	9	14	122	Tottori
Shimane	9	7	6		6		7	8	12	5	9	9	8	10	12	10	11	10	8	10	14	13	14	198	Shimane
Okayama	5	17	13		9		10	12	9	9	12	6	11	11	16	18	19	20	17	23	29	15	22	303	Okayama
Hiroshima	39	39	22		14		23	13	18	20	14	38	21	19	28	23	28	22	24	23	31	27	18	504	Hiroshima
Yamaguchi	14	16	14		13		7	6	8	7	6	4	8	13	7	5	10	8	11	8	8	11	6	190	Yamaguchi
Tokushima	14	7	9		11		10	10	4	4	8	8	6	10	8	12	13	21	22	21	12	12	15	237	Tokushima
Kagawa	5	6	6		4		7	9	13	4	11	11	14	11	9	15	11	9	13	14	10	18	13	213	Kagawa
Ehime	29	24	22		21		19	23	29	32	31	27	27	25	34	28	42	31	42	45	43	40	46	660	Ehime
Kochi	2	3	2		3		11	4	6	6	8	7	8	18	12	12	17	11	13	17	18	17	20	215	Kochi
Fukuoka	29	15	25		32		31	18	25	27	29	28	24	21	32	34	38	41	42	50	32	55	39	667	Fukuoka
Saga	4	6	8		7		4	2	2	3	7	6	7	7	9	6	7	7	7	11	8	10	6	134	Saga
Nagasaki	26	15	22		27		21	15	7	24	29	29	25	36	37	22	35	27	39	38	27	42	34	577	Nagasaki
Kumamoto	18	9	17		24		22	7	18	22	12	25	29	28	30	30	23	39	37	47	54	42	52	585	Kumamoto

Oita	12	10	15		14		20	13	20	23	13	10	15	17	25	14	17	22	39	27	29	25	27	407	Oita
Miyazaki	17	18	23		12		23	20	33	18	24	27	28	30	30	24	45	44	34	37	42	44	58	631	Miyazaki
Kagoshima	29	20	24		14		16	8	20	18	27	31	33	39	43	40	42	43	55	39	47	53	44	685	Kagoshima
Okinawa	3	7	5		2		6	4	3	5	4	6	3	4	12	6	12	2	8	16	14	8	11	141	Okinawa
total	929	930	970		954		948	905	1,015	995	1,048	1,155	1,143	1,245	1,261	1,243	1,234	1,260	1,294	1,422	1,438	1,535	1,560	24,484	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)

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Fatal accidents in agriculture in Japan in 1999-2021

agriculture industry Code No.060101

Type of fatal accidents in agriculture 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	9	14	9	10	5	7	9	12	9	9	5	6	5	5	5	6	9	7	3	5	3	5	9	166	fall from height
falling to same level	1	1	1					1				1	1	4		1	2	1	1	2	1	1	1	20	falling to same level
crash									1			1										1		3	crash
struck by flying or falling object								2			1	2	1		1			1				3		11	struck by flying or falling object

collapse	1							1					1	1							2		6	collapse		
crashed by				1		2	1		1	1	2	1				1	1		1	1			13	crashed by		
caught in/between	2		2	4	3	3	1		3	1	2	3	3	3	1	3	1	1	5	1	1		3	46	caught in/between	
cut			1			1														1		1		4	cut	
injury to the sole of the foot																									injury to the sole of the foot	
drown				1		1							2		2			3		1	1			11	drown	
contact to high/low-temperature	1												6	2		1	1	1	1	2	1		1	2	19	contact to high/low-temperature
contact to harmful substance																									contact to harmful substance	
electric shock			1											1							2			4	electric shock	
explosion																									explosion	
burst																									burst	
fire																									fire	
traffic accident (public road)		5	2	1	2	1		3	2	1	3	3	2	2				1	1		1	2	4	1	37	traffic accident (public road)
traffic accident (others)																										traffic accident (others)
reaction to motion/improper motion																										reaction to motion/improper motion

electric equipment			1											1										2	electric equipment
human power machine, tools																1					1		2	human power machine, tools	
tools	3	6	2	4	1	5	4	7	4	2	4	3	1	2	2	3	2	6	1	1	2	1	3	69	tools
other equipments, facilities																									other equipments, facilities
temporary buildings, establishments	4	4	2	3	1		1	3	1	2			1	2	1	1	1	4		1	2	1	2	37	temporary buildings, establishments
hazards, harmful substances																									hazards, harmful substances
materials																									materials
load																						1		1	load
natural environment	4	3	5	3	2	3	7	5	4	4	3	13	9	3	5	3	7	3	2	3	1	7	6	105	natural environment
other causal agent					1																			1	other causal agent
no causal agent											1					1		1						3	no causal agent
unclassifiable																									unclassifiable
total	14	20	16	16	12	13	13	20	15	13	13	26	18	16	10	12	15	17	11	13	12	17	17	349	total

Causal agents (small) of fatal accidents in agriculture 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
-------------------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------	-------------------

food manufacturing machine																							food manufacturing machine		
printing machine																							printing machine		
industrial robot																							industrial robot		
other general power machines	1		4	3	1	1		2	2	2	1	2	2			2	2		5	4	2	2	4	42	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																									crane
mobile crane		1																	1			1	3	mobile crane	
derrick crane																									derrick crane
elevator, lift																									elevator, lift
cargo lifting appliance																									cargo lifting appliance
gondola																									gondola
lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway
simple skyline yarding equipment																									simple skyline yarding equipment

load																							1	1	load
machine/equipment as load																									machine/equipment as load
natural ground, rock			1					2			1				1							1		6	natural ground, rock
standing tree	3	3	4	2	2	2	6	3	4	3	2	5	5	3	1	2	6	2		1	1	3	3	66	standing tree
water				1		1							2		1						1			6	water
abnormal environment																									abnormal environment
high/cold temperature environment	1											6	2		1	1	1	1	2	1		1	2	19	high/cold temperature environment
other environments							1			1		2			1							2	1	8	other environments
other causal agent					1																			1	other causal agent
no causal agent											1					1		1						3	no causal agent
unclassifiable																									unclassifiable
total	14	20	16	16	12	13	13	20	15	13	13	26	18	16	10	12	15	17	11	13	12	17	17	349	total

Workers age of fatal accidents in agriculture 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													1	1		1								3	19 years old or less
20-29		4	1	3	1	2	1	1		2	1		1	2	1			1		2		2	2	27	20-29
30-39		1	2	2	2	1		1	1	1		3	2	2		1	2	2			2	1	1	27	30-39
40-49	1	2	1	1		1	2	3			1	1	1	3	3	2	1	2	1	4	2	3	1	36	40-49

50-59	4	4	3		4	2	2	6	4	3	3	9	2	1	1	1	4	3	2	2	2	3	6	71	50-59
60 years old or more	9	9	9	10	5	7	8	9	10	7	8	13	11	7	5	7	8	9	8	5	6	8	7	185	60 years old or more
total	14	20	16	16	12	13	13	20	15	13	13	26	18	16	10	12	15	17	11	13	12	17	17	349	total

Workers' number of workplace of fatal accidents in agriculture 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	9	13	11	12	5	8	10	15	12	12	9	15	13	13	9	9	14	14	6	12	7	13	11	252	9 workers or less	
10-29	3	6	4	3	4	4	3	4	2		4	5	5	3	1	1	1	3	3	1	5	3	4	72	10-29	
30-49	2		1	1	3	1			1			2				1			1			1	2	16	30-49	
50-99		1						1				4							1					7	50-99	
100-299										1						1								2	100-299	
300 workers or more																										300 workers or more
total	14	20	16	16	12	13	13	20	15	13	13	26	18	16	10	12	15	17	11	13	12	17	17	349	total	

Month of fatal accidents in agriculture 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					1			1	1		1	1		1	1	1	2	2	1	1			15	January
February		1			3	1		1		1	1	4	3	3			1	3	1	1	2		1	27	February
March	1			2	2		2	1	1	1	1		5	2		1	1				1	1	3	25	March
April		1	2	1				2		2	1	1	1				1	1		2		3		18	April
May					2			1	1			1		1			2					1		9	May
June	2	2	3	2		3	1	1	3	3	1	1	1			2	2	1	1		1			30	June
July	3	4	2	4	1		1	1	2	1	1	5	2	1	1		1	3	4	4	1	3		45	July

August	1	1		3				4	2	1		5	1	2	2	4	1	2			1	3	5	38	August
September	2		4		2	1	1	3		2	2	3	2	3	1	2	1	2	1	3	2	1		38	September
October	1	2	1			4	4	2	1		2	1	1		2		2	1			3	1	4	32	October
November	2	5	3	2	1	1	2		2		4	1	1	3	2	2	1	1	1	2			2	38	November
December	1	4	1	2	1	2	2	4	2	1		3		1	1		1	1	1			4	2	34	December
total	14	20	16	16	12	13	13	20	15	13	13	26	18	16	10	12	15	17	11	13	12	17	17	349	total

Prefecture of fatal accidents in agriculture 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	2	1		2		2	1	2	2	1	1	1	1	1	1	2	2	2	2		3	30	Hokkaido
Aomori					1				1										1	1				4	Aomori
Iwate																		2				1		3	Iwate
Miyagi							1				1	1	2							1	1	1		8	Miyagi
Akita								1									1				1			3	Akita
Yamagata		1																						1	Yamagata
Fukushima													2	1	1							3		7	Fukushima
Ibaraki		2		1	1			1	1	1	1	1		2	1		2					1	1	16	Ibaraki
Tochigi										1			1			1		1						4	Tochigi
Gunma			1	1	1				2		1	1				1			1	1	1			11	Gunma
Saitama		1	1		1	1		1	1			1	1					1		2				11	Saitama
Chiba			3					2		1			3	1	1			1	1				3	16	Chiba
Tokyo	1	1	3		1		3	1	1		2	1		2		1	2	1		2		1	4	27	Tokyo
Kanagawa		3				1	2	3	1		1	2	2		1	1	2			1		2		22	Kanagawa

Kochi						1										1				1			3	Kochi	
Fukuoka	1				1				1	2				1			1						7	Fukuoka	
Saga		2	1							1	1												5	Saga	
Nagasaki		1		1		1				1			1				1						6	Nagasaki	
Kumamoto										1							1						2	Kumamoto	
Oita					1											1				1			3	Oita	
Miyazaki			1									1											2	Miyazaki	
Kagoshima	1	1		1	1			1		1		1		1				2	1		2		13	Kagoshima	
Okinawa															1	1	1						3	Okinawa	
total	14	20	16	16	12	13	13	20	15	13	13	26	18	16	10	12	15	17	11	13	12	17	17	349	total

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

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