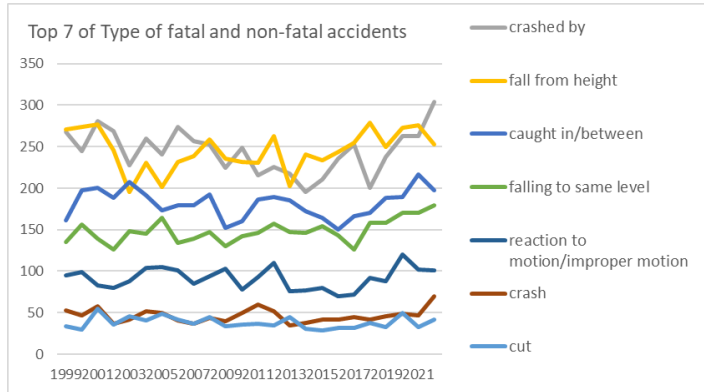
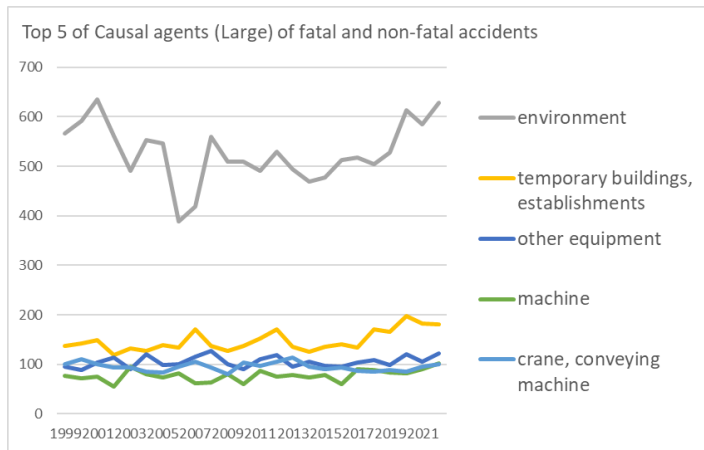


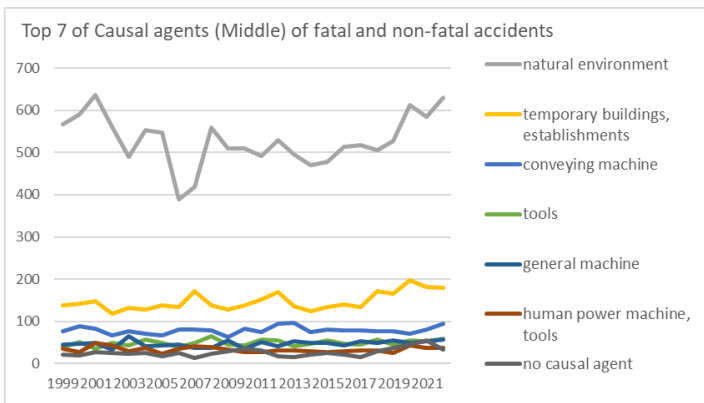
Transition of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)



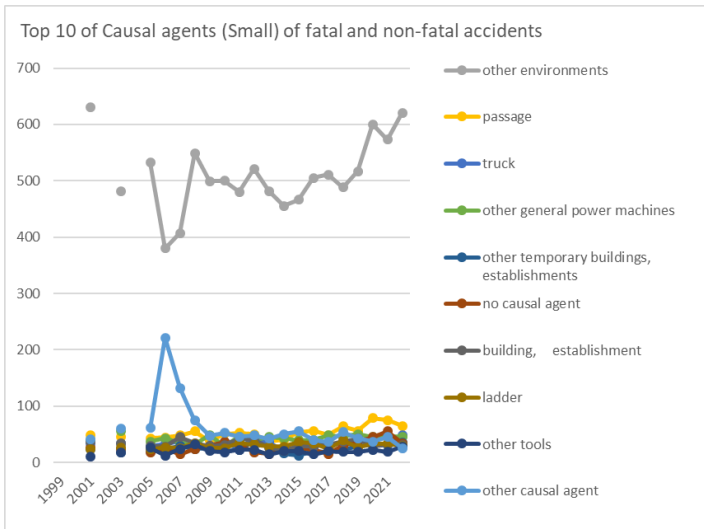
Transition of Top 7 of Type of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)



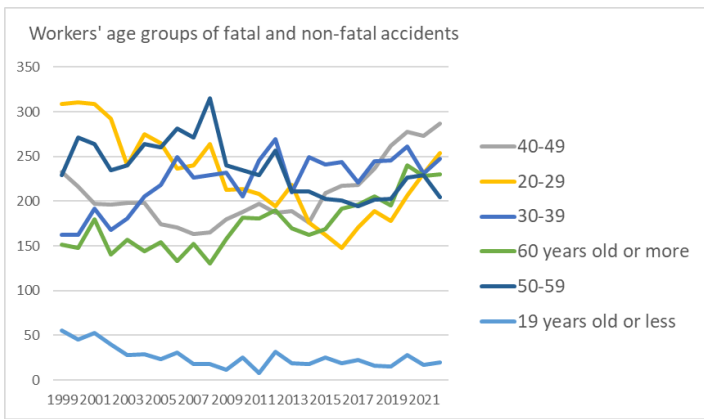
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)



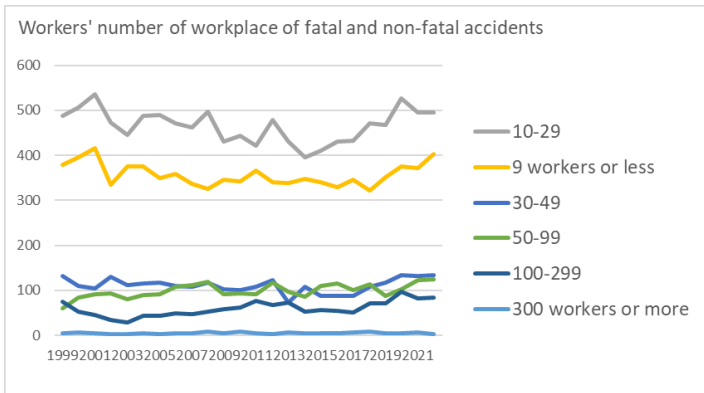
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)



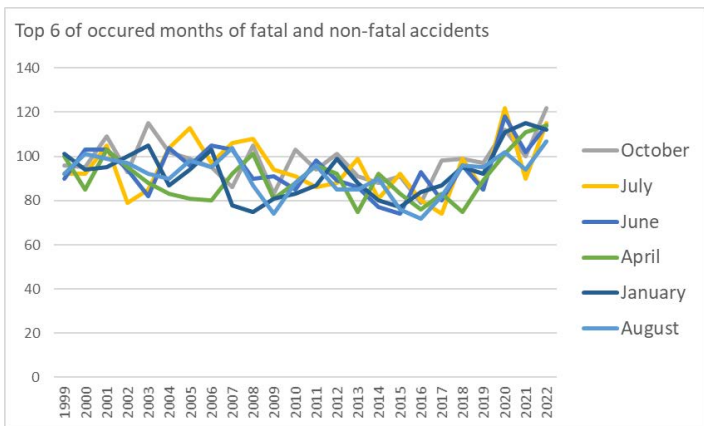
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)



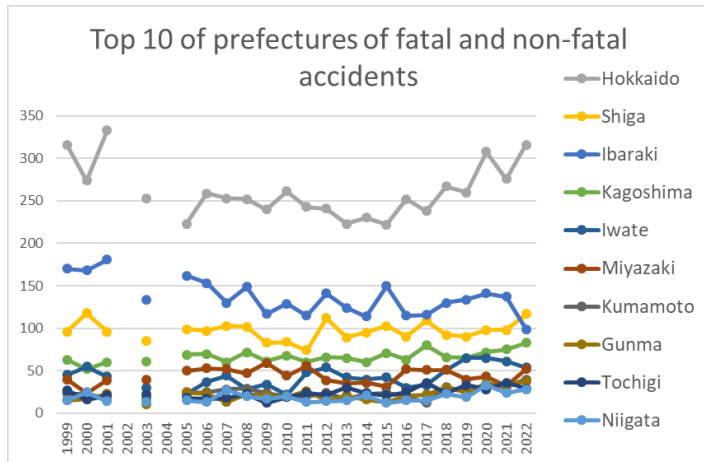
Transition of workers' age groups of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)

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	2022	total	Type of accidents
crashed by	268	245	281	269	228	260	241	274	257	253	225	249	216	226	218	195	211	236	253	200	238	263	263	304	5,873	crashed by
fall from height	271	274	277	246	195	231	202	232	239	259	236	232	231	263	203	241	234	244	255	279	250	273	276	253	5,896	fall from height
caught in/between	161	197	200	188	208	191	173	179	179	192	152	160	186	189	185	172	164	150	166	170	188	189	217	197	4,353	caught in/between
falling to same level	135	156	139	126	148	145	164	134	139	147	130	142	146	157	147	146	154	143	126	158	158	170	170	179	3,559	falling to same level
reaction to motion/improper motion	95	99	83	80	88	104	105	101	85	94	103	78	93	110	76	77	80	70	72	92	88	120	102	101	2,196	reaction to motion/improper motion
crash	53	47	58	37	42	52	50	41	37	44	40	50	60	52	35	38	42	42	45	42	46	49	47	70	1,119	crash
cut	34	30	55	36	46	41	49	42	37	45	34	36	37	35	45	31	29	32	32	38	33	50	33	42	922	cut
struck by flying or falling object	44	26	38	34	36	34	38	36	26	32	32	29	34	26	38	32	26	40	29	36	31	40	26	27	790	struck by flying or falling object
others	23	32	18	22	20	30	19	28	17	18	36	13	19	15	14	25	28	16	17	33	22	33	34	27	559	others



establishments	138	143	149	118	132	128	139	134	171	138	128	138	152	170	136	125	135	141	134	171	165	197	182	180	3,544	buildings, establishments
other equipment	96	89	103	113	91	121	98	101	116	127	101	91	110	118	96	105	97	96	103	109	99	120	105	122	2,527	other equipment
machine	77	72	75	55	96	80	74	82	62	63	80	60	87	76	78	73	79	61	91	88	84	82	90	102	1,867	machine
crane, conveying machine	101	111	101	94	94	85	84	95	105	94	80	104	97	106	114	95	90	93	87	85	88	86	96	101	2,286	crane, conveying machine
others	86	78	74	73	88	99	84	251	147	100	80	90	77	69	59	72	81	62	51	85	84	83	100	61	2,134	others
substance, material	29	34	24	24	25	21	41	20	24	21	26	38	28	32	23	28	24	27	21	31	24	26	30	28	649	substance, material
load	46	35	34	33	28	28	28	30	27	19	29	18	27	28	16	25	26	28	17	19	27	32	22	19	641	load
total	1,139	1,153	1,195	1,071	1,044	1,115	1,094	1,101	1,070	1,121	1,034	1,049	1,069	1,129	1,017	992	1,009	1,021	1,022	1,093	1,099	1,239	1,209	1,242	26,327	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)

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	2022	total	Causal (M) agents
natural environment	566	591	635	561	490	553	546	388	418	559	510	510	491	530	495	469	477	513	518	505	528	613	584	629	12,679	natural environment
temporary buildings, establishments	138	143	149	118	132	128	139	134	171	138	128	138	152	170	136	125	135	141	134	171	165	197	182	180	3,544	temporary buildings, establishments
conveying machine	77	88	83	68	77	72	68	81	80	79	64	82	75	94	97	75	81	79	78	76	76	72	80	94	1,896	conveying machine
tools	40	51	35	50	43	57	49	39	49	66	46	43	57	55	42	48	56	48	45	58	46	55	53	59	1,190	tools
general machine	45	47	50	34	65	42	43	46	38	38	56	36	52	42	53	50	50	43	53	50	56	50	53	58	1,150	general machine

human power machine, tools	35	28	50	43	29	37	23	36	41	40	34	27	28	31	31	30	28	30	32	31	26	44	37	38	809	human power machine, tools
no causal agent	21	19	27	26	24	25	17	26	14	24	30	36	31	18	15	21	26	22	15	30	38	45	55	34	639	no causal agent
other causal agent	63	57	41	46	60	72	61	221	132	74	47	52	46	48	42	50	55	40	36	54	43	37	45	25	1,447	other causal agent
other equipments, facilities	15	7	17	16	15	22	26	23	24	20	17	18	24	29	18	23	13	17	23	18	24	20	13	24	466	other equipments, facilities
load	46	35	34	33	28	28	28	30	27	19	29	18	27	28	16	25	26	28	17	19	27	32	22	19	641	load
construction machine	17	6	10	8	8	17	10	13	6	7	8	12	15	17	10	13	13	7	13	16	16	13	14	18	287	construction machine
materials	24	25	21	21	22	19	35	18	20	16	18	27	20	19	13	20	18	15	14	21	19	14	22	17	478	materials
power transmission mechanism	11	11	5	5	12	9	10	11	11	9	11	8	9	8	12	5	11	3	16	12	9	8	13	14	233	power transmission mechanism
hazards, harmful substances	5	9	3	3	3	2	6	2	4	5	8	11	8	13	10	8	6	12	7	10	5	12	8	11	171	hazards, harmful substances
metal manufacturing machine		1	5	6	2	2	7	4	2	5	3	2	5	1	3	2	3	2	5	7		7	5	9	88	metal manufacturing machine
vehicle	19	19	15	20	16	12	15	13	22	11	13	19	19	12	15	16	7	12	7	7	10	11	16	7	333	vehicle
woodworking machine	3	7	4	2	8	9	3	6	5	4	2	2	6	6		3	2	5	3	2	3	3	5	2	95	woodworking machine
unclassifiable	2	2	6	1	4	2	6	4	1	2	3	2		3	2	1				1	3	1		2	48	unclassifiable
electric equipment	2	1		1	2	2		2	1	1	2	2		2	1	1		1		1	3	1	1	1	28	electric

																										equipment
engine	1		1		1	1	1	1	2					2					1	1		1		1	13	engine
crane	5	4	3	6	1	1	1	1	3	4	3	3	3		2	4	2	2	2	2	2	3			57	crane
welding equipment	1	1		1	1	1					1	1			2	1				1			1		12	welding equipment
pressure vessel	3			1				1					1		1	2			2						11	pressure vessel
kiln, caldron		1	1	1		1			1		1			1	1				1						9	kiln, caldron
chemical facilities					1	1																			2	chemical facilities
mobile silviculture machine																			1						1	mobile silviculture machine
total	1,139	1,153	1,195	1,071	1,044	1,115	1,094	1,101	1,070	1,121	1,034	1,049	1,069	1,129	1,017	992	1,009	1,021	1,022	1,093	1,099	1,239	1,209	1,242	26,327	total

Transition of Causal agents (Small) of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)

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	2022	total	Causal (S) agents
other environments			630		481		532	380	407	549	499	500	480	521	482	455	466	505	511	488	517	600	573	621	10,197	other environments
passage			48		45		43	44	48	55	38	51	52	50	37	40	53	56	49	64	56	79	75	65	1,048	passage
truck			34		33		28	33	37	26	30	36	24	44	36	20	30	30	35	31	42	30	32	48	659	truck
other general power machines			40		56		37	43	34	32	49	29	46	40	45	43	39	40	48	46	50	45	46	46	854	other general power machines
other temporary buildings, establishments			24		17		19	24	29	24	26	20	22	38	27	16	12	20	18	22	29	32	31	35	485	other temporary buildings, establishments
no causal agent			27		24		17	26	14	24	30	36	31	18	15	21	26	22	15	30	38	45	55	34	548	no causal agent
building, establishment			36		33		29	28	45	34	29	31	42	40	27	21	29	28	31	37	42	29	32	31	654	building, establishment



ladder			24		26		23	27	25	34	25	25	35	32	28	28	36	34	24	39	27	33	33	30	588	ladder
other tools			11		17		26	12	24	32	20	18	22	22	14	20	20	14	20	19	19	22	19	28	399	other tools
other causal agent			41		60		61	221	132	74	47	52	46	48	42	50	55	40	36	54	43	37	45	25	1,209	other causal agent
working platform, boot board			21		18		23	16	21	13	14	12	22	10	20	21	23	19	16	19	15	20	17	25	365	working platform, boot board
other equipment, facilities			17		15		26	23	24	20	17	18	24	29	18	23	13	17	23	18	24	20	13	24	406	other equipment, facilities
human power hauling equipment			26		15		12	18	24	25	17	16	17	18	19	11	17	21	20	18	11	19	13	20	357	human power hauling equipment
load			31		26		28	28	26	18	28	17	26	27	15	22	25	27	16	18	27	32	22	16	475	load
conveyor			26		23		16	25	19	22	11	31	25	21	29	28	19	19	21	16	12	17	21	16	417	conveyor
forklift			8		12		8	4	13	14	15	6	12	14	16	11	18	15	6	15	9	12	10	15	233	forklift
power transmission mechanism			5		12		10	11	11	9	11	8	9	8	12	5	11	3	16	12	9	8	13	14	197	power transmission mechanism
hand tool			21		13		10	16	15	14	15	10	9	11	10	18	9	9	9	11	8	18	18	13	257	hand tool
stairs, landing stage			7		10		8	10	13	2	7	14	7	20	15	12	7	6	8	13	13	17	14	12	215	stairs, landing stage
leveling, transporting or loading machine			9		7		6	8	5	6	7	11	12	15	8	11	11	6	6	14	11	9	11	11	184	leveling, transporting or loading machine
loader			8		1		6	7	3	6	4	4	5	9	11	8	10	9	6	6	7	7	10	10	137	loader
roof, beam, haze, crossbeam, principal rafter			4		6		11	6	8	5	10	5	4	7	8	9	8	6	6	11	5	9	7	9	144	roof, beam, haze, crossbeam, principal rafter
other hazards, harmful substances			1		2		4	1	1	3	7	8	4	8	3	5		6	5	3	2	12	6	9	90	other hazards, harmful substances
grinding machine,			3		2		3	2	2	4	2	2	2	1	1	1	3	1	4	5		4	4	8	54	grinding machine,

buffing machine																										buffing machine
cars, bus, motorcycle			15		13		14	12	19	10	13	18	16	10	14	14	6	11	6	6	8	11	9	7	232	cars, bus, motorcycle
metal material			14		13		14	13	14	9	12	19	7	9	4	9	7	4	5	9	6	9	12	6	195	metal material
mixer, grinder			6		8		4	2	3	3	5	6	3	2	4	4	6		4	3	3	3	4	6	79	mixer, grinder
high/cold temperature environment			1				5	4	4	4		5	5	5	7	3	1	3	2	10	3	5	5	6	78	high/cold temperature environment
lumber, bamboo			5		3		9	2	2	4	1	1	6	2	3	2	3	2	5	2	6	5	4	6	73	lumber, bamboo
excavating machine			1				3	4	1		1	1	3	2		2	2	1	7	2	4	4	2	6	46	excavating machine
other powered conveying machines			7		8		10	12	8	11	4	5	9	6	5	8	4	5	10	8	6	5	7	5	143	other powered conveying machines
other materials			1		4		12	2	3	3	5	6	7	7	5	9	7	7	4	9	7		5	5	108	other materials
human power cranes			3		1		1		1		1	1		1	1	1			1	1	6	7	6	4	36	human power cranes
opening			6		2		3	4	5	4	2	1	2	2	1	6	3	6	5	4	2	9	4	3	74	opening
machine/equipment as load			3		2			2	1	1	1	1	1	1	1	3	1	1	1	1				3	24	machine/equipment as load
roll machine (except printingroll machine)			1							1		1				1								3	8	roll machine (except printingroll machine)
natural ground, rock			2		8		5	4	4	3	3	4	4	2		5	3	1	3	3	5	4	3	2	68	natural ground, rock
harmful substance			1		1		1	1	3	2	1	3	4	4	4	3	6	5	1	6	3		2	2	53	harmful substance
circular sawing machine			1		6		3	4	1	3	1	1	4	5		3	1	3	1	1	1	1	1	2	43	circular sawing machine
unclassifiable			6		4		6	4	1	2	3	2		3	2	1				1	3	1		2	41	unclassifiable

food manufacturing machine			3		1			1	1	1	1		3		2	1	4	3		1	2	2	2	2	30	food manufacturing machine
other metal manufacturing machines			1				4	2		1	1		3		2				1	2		3	1	1	22	other metal manufacturing machines
human power machine								2	1	1	1		2	1	1		2		2	1	1			1	16	human power machine
other electrical equipment					1			1	1		1	2		1	1	1				1			1	1	12	other electrical equipment
engine			1		1		1	2					2						1	1		1		1	11	engine
industrial robot							1			1	1				2	1	1						1	1	9	industrial robot
slinging tool											1								1				1	1	5	slinging tool
vehicle for high lift work										1					1									1	3	vehicle for high lift work
standing tree			2				3		2	1	4	1	1	1	6	5	3	2		2	2	4	3		42	standing tree
other vehicles					3		1	1	3	1		1	3	2	1	2	1	1	1	1	2		7		31	other vehicles
scaffolding			3		1		3	2	2	1	2	4	1	3	1				1	1	3	2	1		31	scaffolding
chain saw			1		2		1	2	1		1	1				1	1			1	2	3		17	chain saw	
elevator, lift			3		1		1		2		1				1	4	1	1		1		1		17	elevator, lift	
stone, sand, substance			1		2			1	1			1		1	1		1	2		1			1		13	stone, sand, substance
other powered crane									1	2		1	1		1			1	1	1	2			12	other powered crane	
water					1		1		1		3		1			1	1		1	1	1			12	water	
abnormal environment										2	1			1			3	2	1	1				11	abnormal environment	







40-49	233	216	197	196	198	198	174	171	163	165	180	188	197	187	189	176	209	217	218	236	262	278	273	287	5,008	40-49
20-29	309	311	309	292	240	275	265	236	240	264	213	214	208	194	218	176	162	148	171	189	178	206	231	254	5,503	20-29
30-39	162	162	192	168	181	205	218	249	226	229	232	205	246	269	210	249	241	244	221	245	246	261	231	247	5,339	30-39
60 years old or more	151	148	180	140	157	144	154	133	152	130	158	182	181	190	170	162	169	192	196	205	195	240	228	230	4,187	60 years old or more
50-59	229	271	264	235	240	264	260	281	271	315	240	235	229	257	211	211	203	201	194	202	203	226	229	204	5,675	50-59
19 years old or less	55	45	53	40	28	29	23	31	18	18	11	25	8	32	19	18	25	19	22	16	15	28	17	20	615	19 years old or less
total	1,139	1,153	1,195	1,071	1,044	1,115	1,094	1,101	1,070	1,121	1,034	1,049	1,069	1,129	1,017	992	1,009	1,021	1,022	1,093	1,099	1,239	1,209	1,242	26,327	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)

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	2022	total	Workers scale
10-29	488	506	536	474	445	487	489	471	462	497	430	444	422	478	430	396	410	431	432	471	467	527	495	495	11,183	10-29
9 workers or less	379	395	415	335	375	376	350	359	337	326	346	342	366	341	339	347	340	329	346	322	352	375	371	403	8,566	9 workers or less
30-49	132	110	104	130	112	115	118	110	108	118	102	101	108	123	72	107	88	87	87	107	117	134	132	133	2,655	30-49
50-99	60	84	91	94	81	90	91	108	111	119	92	93	92	118	97	86	110	115	100	114	87	102	123	124	2,382	50-99
100-299	75	52	45	35	29	43	43	49	47	53	59	61	77	67	72	52	57	54	50	71	71	97	82	84	1,425	100-299
300 workers or more	5	6	4	3	2	4	3	4	5	8	5	8	4	2	7	4	4	5	7	8	5	4	6	3	116	300 workers or more
total	1,139	1,153	1,195	1,071	1,044	1,115	1,094	1,101	1,070	1,121	1,034	1,049	1,069	1,129	1,017	992	1,009	1,021	1,022	1,093	1,099	1,239	1,209	1,242	26,327	total

Transition of occurred months of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Month
October	96	95	109	93	115	102	99	95	86	105	83	103	94	101	91	88	91	79	98	99	97	112	100	122	2,353	October
July	92	92	105	79	85	104	113	97	106	108	94	91	86	88	99	81	92	80	74	99	85	122	90	115	2,277	July
June	90	103	103	94	82	104	96	105	103	90	91	85	98	89	86	77	74	93	80	96	85	118	102	114	2,258	June
April	100	85	103	95	88	83	81	80	92	101	81	88	96	92	75	92	83	76	83	75	89	101	111	114	2,164	April

January	101	94	95	100	105	87	94	103	78	75	81	83	87	99	88	80	77	84	87	95	92	111	115	112	2,223	January
August	92	101	99	97	92	90	98	95	104	87	74	88	96	85	85	90	76	72	82	96	95	102	94	107	2,197	August
March	111	101	105	90	74	104	85	98	86	93	87	94	92	88	88	71	88	83	104	77	90	98	100	102	2,209	March
September	99	88	94	67	83	81	71	75	92	97	87	98	92	93	76	77	84	91	75	97	118	113	102	102	2,152	September
May	90	102	90	98	86	123	84	110	88	87	91	78	67	109	78	91	94	91	82	96	89	90	104	99	2,217	May
November	95	107	114	90	79	81	95	88	80	82	109	76	90	85	74	78	83	80	90	93	85	91	103	96	2,144	November
February	91	103	87	83	73	94	82	72	88	114	81	90	76	109	83	83	69	103	78	85	89	88	92	84	2,097	February
December	82	82	91	85	82	62	96	83	67	82	75	75	95	91	94	84	98	89	89	85	85	93	96	75	2,036	December
total	1,139	1,153	1,195	1,071	1,044	1,115	1,094	1,101	1,070	1,121	1,034	1,049	1,069	1,129	1,017	992	1,009	1,021	1,022	1,093	1,099	1,239	1,209	1,242	26,327	total

Transition of prefectures of fatal and non-fatal accidents in 0701 livestock in Japan (1999-2022)

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Prefecture
Hokkaido	316	274	333		253		223	259	253	252	240	261	243	241	223	230	222	252	238	267	260	308	276	316	5,740	Hokkaido
Shiga	96	118	96		85		99	97	103	102	83	84	74	112	89	95	103	90	109	92	90	98	98	117	2,130	Shiga
Ibaraki	170	168	181		134		162	153	130	149	117	129	115	141	124	114	150	115	116	130	134	141	137	99	3,009	Ibaraki
Kagoshima	63	52	60		61		69	70	60	72	61	68	60	66	65	60	71	63	80	66	65	72	75	83	1,462	Kagoshima
Iwate	45	55	43		30		23	37	44	28	34	22	48	54	42	40	42	30	33	51	65	65	61	54	946	Iwate
Miyazaki	40	24	39		40		50	53	52	47	59	44	56	39	35	36	31	52	51	51	40	43	32	52	966	Miyazaki
Kumamoto	23	23	18		17		24	25	28	29	24	20	20	24	17	23	24	21	12	31	25	32	31	40	531	Kumamoto
Gunma	15	17	23		10		25	23	13	23	21	19	26	15	21	16	13	21	22	30	25	35	32	38	483	Gunma
Tochigi	27	16	21		22		18	17	18	23	12	19	24	22	30	24	21	25	36	24	33	28	36	29	525	Tochigi
Niigata	15	25	14		13		15	13	27	20	17	20	13	14	15	21	12	15	15	23	19	33	24	28	411	Niigata
Aomori	33	32	35		30		30	24	16	23	21	18	22	19	24	19	13	15	18	16	21	27	20	24	500	Aomori
Aichi	13	11	11		16		15	14	14	11	15	17	25	6	9	12	12	15	20	17	21	23	16	22	335	Aichi
Fukushima	7	43	34		30		29	32	33	36	20	23	23	13	10	18	19	14	10	12	23	17	19	21	486	Fukushima





Kochi	2	2			1		5	1	2	2	1	3	6	1		2	4	7		2	3	6	2	4	56	Kochi	
Toyama	7	1	4		3		4	2	2	3	3	2	2		2		1	2	4	3	2		1	4	52	Toyama	
Tokushima	5	5	5		5		1	4	2	5	8	1	6	2	4	2		4	6	7	9	6	5	3	95	Tokushima	
Wakayama		2	1		4		4	4	3	4	6	7	5	5	1	5	2	2	2	1	2		2	2	64	Wakayama	
Yamanashi	1	3	1					1	1	3		2		2	1		1	2	1	1	2	2		2	26	Yamanashi	
Nara	2	1	3		2			2	2	3	1	4	1	7	6	5	4	6	3	1	5	2		1	61	Nara	
Tokyo	1	1			3				2			1	2		7	3		3	1					1	1	26	Tokyo
Osaka		1			2		3	1	1		2	4	1	3		1	1	1								21	Osaka
Fukui	1		3		1		2			2			1	2				1	1	1	1					16	Fukui
total	1,139	1,153	1,195	1,071	1,044	1,115	1,094	1,101	1,070	1,121	1,034	1,049	1,069	1,129	1,017	992	1,009	1,021	1,022	1,093	1,099	1,239	1,209	1,242	26,327	total	

Data Source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> MHLW, Jaan

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