







general machine	89	86	100	104	134	97	90	88	87	80	105	73	88	91	82	67	73	78	79	70	81	70	75	75	2,062
mobile silviculture machine																		1							1
crane	61	55	53	52	48	50	57	46	27	37	36	38	39	27	34	40	37	29	28	24	30	31	29	28	936
conveying machine	116	114	117	110	109	95	112	110	107	99	90	109	110	123	117	95	105	98	103	99	97	102	95	118	2,550
vehicle	225	231	214	190	200	223	188	162	202	169	141	151	144	144	134	147	126	141	124	100	134	124	124	127	3,865
pressure vessel	3			1				1		1			1		2	2			2						13
chemical facilities					1	1																			2
welding equipment	1	1		1	1	2					1	1	1		2	1				1			1	1	15
kiln, caldron	2	1	1	1		1			1		1			1	1				1					2	13
electric equipment	2	5		1	3	2		2	1	2	2	2		3	1	1	1	1	1	1	4	1	1	1	38
human power machine, tools	64	55	79	68	54	60	46	52	65	61	43	44	41	51	48	44	44	44	46	46	33	61	51	53	1,253
tools	224	245	204	213	210	228	191	171	177	154	150	170	172	180	146	155	175	132	149	149	130	135	124	141	4,125
other equipments, facilities	48	25	42	36	35	32	39	41	45	34	34	36	39	53	40	41	29	31	34	31	35	32	34	33	879
temporary buildings, establishments	252	235	265	214	228	218	214	228	254	209	193	217	231	243	208	181	200	206	183	230	225	245	247	249	5,375
hazards, harmful substances	9	10	3	7	8	5	8	2	5	7	9	11	8	14	11	9	7	13	9	11	5	14	9	11	205
materials	57	48	42	52	44	44	56	38	39	40	33	47	42	30	24	34	25	28	32	32	36	28	33	29	913











conveying machines			10		14		25	20	10	13	7	10	15	8	6	12	7	5	15	10	7	6	7	8	215
cars, bus, motorcycle			21		18		25	16	24	15	15	23	18	12	17	17	8	13	12	8	13	19	10	11	315
railway vehicle					1														1						2
other vehicles			193		181		163	146	178	154	126	128	126	132	117	130	118	128	111	92	121	105	114	116	2,679
boiler														1											1
pressure vessel								1								1			1						3
other pressure vessels										1			1		1				1						5
chemical facilities					1																				1
gas welding equipment																1									1
arc welding equipment					1						1	1	1		2					1			1	1	9
other welding equipment																									
kiln, caldron															1									2	3
industrial dryer			1						1		1			1					1						5
other kiln, caldron																									
transmission					1					2	1						1	1			2				8
electric power facilities								1						1							1	1			4
other electrical					2			1	1		1	2		2	1	1			1	1	1		1	1	16





water			8		10		12	3	3	17	11	6	17	8	11	10	10	2	5	5	7	5	3	5	158
abnormal environment			1		4		4	1	2	4	2	2	5	3	3	1	5	3	2	1	1	1	3	2	50
high/cold temperature environment			4				8	8	8	6		15	10	9	9	5	3	9	5	14	10	9	5	10	147
other environments			652		507		549	404	430	576	522	521	503	541	504	476	483	524	527	513	533	614	603	636	10,618
other causal agent			58		77		74	247	152	88	55	58	57	55	56	69	72	45	43	61	54	43	56	35	1,455
no causal agent			54		50		35	50	39	43	55	63	63	40	45	47	52	44	41	55	51	73	72	49	1,021
unclassifiable			14		7		6	5	5	2	4	4	1	4	2	1	1	2	2	3	5	1	2	3	74
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961

#### Workers age of fatal and non-fatal accidents in livestock/fishery in 1999-2022

Age	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
19 years old or less	71	60	78	56	48	43	30	50	30	30	21	38	16	46	30	33	42	29	35	28	25	43	33	29	944
20-29	419	404	436	388	351	370	349	323	337	351	293	304	318	273	304	256	257	238	233	251	260	291	308	348	7,662
30-39	269	265	310	292	303	303	315	355	316	308	312	325	349	358	291	345	342	321	294	327	327	347	302	327	7,603
40-49	367	349	297	312	332	306	289	274	278	261	279	270	290	280	284	259	296	297	315	315	336	339	349	363	7,337
50-59	425	460	445	407	418	457	419	437	435	422	339	333	347	377	313	299	290	296	284	276	278	303	298	282	8,640
60 years old or more	460	456	454	412	401	419	383	329	351	328	333	374	346	374	331	317	314	329	326	330	327	362	367	352	8,775
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961

Workers' number of workplace of fatal and non-fatal accidents in livestock/fishery in 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
9 workers or less	800	806	798	720	752	747	715	695	669	611	620	627	665	644	589	601	623	597	585	528	546	577	579	616	15,710
10-29	769	787	823	765	747	777	707	702	712	707	624	664	620	662	638	578	584	595	598	636	647	690	639	650	16,321
30-49	193	183	181	171	172	170	172	161	156	163	142	140	165	172	115	138	123	124	117	136	156	172	162	177	3,761
50-99	143	141	148	154	126	137	126	148	144	155	120	130	127	153	130	131	141	130	122	141	123	135	166	159	3,330
100-299	101	71	65	53	53	63	62	58	61	56	66	75	84	75	74	57	66	59	58	78	76	107	105	96	1,719
300 workers or more	5	6	5	4	3	4	3	4	5	8	5	8	5	2	7	4	4	5	7	8	5	4	6	3	120
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961

Month of fatal and non-fatal accidents in livestock/fishery in 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
January	153	149	141	153	146	129	125	142	108	119	123	117	132	140	135	108	111	110	113	121	117	135	132	153	3,112
February	134	153	114	121	119	133	132	103	123	157	110	118	99	146	113	112	97	136	103	112	114	109	120	115	2,893
March	172	165	172	143	134	174	125	150	139	138	119	136	154	134	132	108	132	124	146	112	115	148	138	143	3,353
April	170	159	178	159	168	144	141	130	164	159	115	138	137	138	143	137	133	126	129	118	138	139	159	158	3,480
May	191	174	178	176	163	210	163	160	150	136	136	134	131	149	120	141	143	135	121	141	133	128	151	136	3,600
June	164	193	171	151	151	176	163	175	179	141	130	147	155	135	132	134	113	123	112	133	120	161	141	165	3,565
July	172	167	189	162	173	185	171	162	177	158	154	135	139	142	132	123	148	121	124	141	126	164	140	150	3,655
August	177	172	194	188	163	152	172	170	161	141	134	156	149	135	126	130	115	112	121	143	133	140	136	137	3,557

September	190	173	172	142	165	158	130	148	146	155	143	150	157	163	128	129	126	145	123	138	157	153	147	153	3,591
October	193	171	200	176	187	182	161	174	148	163	139	151	156	172	149	150	143	134	137	138	151	155	134	163	3,827
November	172	188	174	151	151	142	162	133	128	117	157	149	129	128	120	132	139	127	133	122	134	125	135	133	3,381
December	123	130	137	145	133	113	140	121	124	116	117	113	128	126	123	105	141	117	125	108	115	128	124	95	2,947
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961

Prefecture of fatal and non-fatal accidents in livestock/fishery in 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
Hokkaido	551	498	586		457		430	454	438	418	435	440	428	445	408	396	395	428	385	383	392	452	406	451	9,676
Aomori	53	45	44		38		40	31	25	38	31	25	35	31	33	32	22	23	28	23	29	35	31	27	719
Iwate	70	80	70		60		43	59	74	41	59	41	70	77	57	54	61	42	48	60	76	76	70	70	1,358
Miyagi	24	26	25		32		26	22	18	22	19	17	20	17	18	24	30	21	17	19	26	25	22	33	503
Akita	13	12	8		15		5	11	7	6	7	8	6	3	15	11	5	10	8	4	12	7	13	7	193
Yamagata	14	8	7		6		16	12	12	4	10	11	9	14	15	4	12	11	4	11	7	10	15	7	219
Fukushima	11	50	36		34		30	32	34	40	20	25	27	14	11	20	19	15	10	12	24	18	19	22	523
Ibaraki	173	179	185		137		168	161	131	152	118	133	116	147	126	119	153	119	119	131	136	142	140	104	3,089
Tochigi	28	18	21		23		19	18	18	23	12	19	24	22	30	25	21	25	36	24	33	29	37	29	534
Gunma	16	17	23		10		25	23	13	23	21	20	26	15	21	16	13	21	22	30	25	35	32	38	485
Saitama	13	16	13		6		8	6	10	5	14	17	10	10	13	20	14	14	12	8	6	11	9	10	245
Chiba	40	52	49		58		61	61	50	59	55	53	64	63	37	29	29	36	26	36	33	31	25	23	970
Tokyo	9	4	4		8		3	2	6	1	2	4	10	2	7	4	1	4	2	3			3	4	83
Kanagawa	7	4	7		14		14	10	13	17	22	22	15	14	10	19	16	10	11	13	22	15	28	19	322

Niigata	35	45	25		28		27	26	37	35	29	34	19	24	21	31	18	24	21	36	31	40	31	41	658
Toyama	37	28	34		29		22	26	26	28	21	22	21	22	19	16	13	12	19	12	14	13	10	9	453
Ishikawa	36	40	37		30		27	24	19	18	23	24	15	15	19	16	13	16	14	13	20	17	15	16	467
Fukui	3		13		5		6	4	6	8	6	7	7	7	4	4	8	8	9	6	5	2	4	5	127
Yamanashi	1	3	1		1			2	1	3		2	1	2	2		2	2	2	1	2	2		2	32
Nagano	6	5	4		3		6	5	3	6	11	6	10	9	6	7	8	3	7	5	5	8	2	5	130
Gifu	13	8	17		13		2	6	10	7	14	8	9	7	9	11	10	15	10	13	12	9	18	20	241
Shizuoka	65	59	40		59		37	42	44	34	35	47	43	40	34	39	49	38	32	29	34	26	45	43	914
Aichi	22	18	15		23		20	17	18	14	19	22	31	13	15	22	21	19	24	19	26	29	22	27	456
Mie	60	71	70		65		49	34	46	44	28	34	49	40	31	34	25	23	25	33	25	32	29	31	878
Shiga	98	119	98		85		100	98	103	102	83	84	76	113	89	96	103	92	109	95	91	98	100	119	2,151
Kyoto	8	14	16		18		14	18	23	17	18	19	20	22	15	13	13	16	16	17	7	10	14	15	343
Osaka	2	18	11		12		16	11	9	13	12	11	7	11	4	8	10	5	8	7	6	2	3	4	190
Hyogo	22	19	24		22		24	13	25	16	18	19	12	25	16	16	12	16	13	13	18	35	37	23	438
Nara	4	1	3		2		3	2	3	4	2	4	1	7	6	5	4	7	3	1	5	2		1	70
Wakayama	13	20	22		33		26	33	19	24	18	28	23	23	15	19	25	22	9	15	10	6	10	20	433
Tottori	14	13	7		6		4	5	5	7	4		3	6	4	8	9	3	4	5	10	5	8	8	138
Shimane	18	27	21		28		16	13	15	17	22	21	18	15	12	16	20	18	10	14	21	11	20	19	392
Okayama	12	26	20		25		17	14	19	24	18	15	17	16	22	13	18	10	20	21	19	23	30	20	419
Hiroshima	50	44	30		43		43	44	47	30	34	31	39	40	40	43	33	35	32	45	40	43	39	27	852
Yamaguchi	21	24	8		12		13	16	15	11	5	10	9	15	13	12	9	8	10	14	8	5	11	8	257
Tokushima	22	14	16		14		8	14	7	18	11	5	8	16	12	5	5	9	12	8	13	9	6	6	238
Kagawa	15	21	16		26		13	13	18	11	12	9	15	15	15	11	14	13	15	16	5	17	8	15	313

Ehime	51	38	42		50		42	34	32	16	23	29	29	29	19	23	22	28	16	17	15	21	23	27	626
Kochi	31	36	29		23		28	29	35	29	14	26	37	20	28	16	15	19	28	28	19	20	18	20	548
Fukuoka	16	12	13		18		13	15	17	8	16	15	9	14	15	16	10	20	12	13	12	10	24	19	317
Saga	19	18	22		15		19	29	11	22	17	15	16	20	20	16	22	18	22	15	10	30	17	19	412
Nagasaki	69	50	58		65		46	55	51	51	32	55	41	37	38	43	30	34	43	34	41	43	44	30	990
Kumamoto	45	44	38		26		29	34	41	36	28	30	29	31	25	28	35	32	17	35	31	43	39	47	743
Oita	28	27	34		30		41	27	20	25	18	27	23	23	26	18	20	16	28	27	18	22	24	16	538
Miyazaki	57	37	51		48		63	60	68	59	68	50	65	50	43	38	45	56	55	58	50	50	39	61	1,171
Kagoshima	93	81	102		92		109	96	87	103	87	95	92	98	97	85	97	84	104	94	101	101	112	119	2,129
Okinawa	3	5	5		6		14	7	18	11	6	5	12	9	18	8	12	10	10	11	8	15	5	15	213
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

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.html> (MHLW, Japan)

Return to [https://www.jisha.or.jp/english/statistics/2022e\\_industry.html](https://www.jisha.or.jp/english/statistics/2022e_industry.html)

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Fatal accidents in livestock/fishery in Japan in 1999-2022

livestock/fishery industry Code No.07







woodworking machine																									
construction machine	1				1	3			1	2		1		2				1	1			1	1		15
metal manufacturing machine																									
general machine	2	2	1	4	2	4	1	1		1		3	3	1	2		2	1	3		1			2	36
mobile silviculture machine																									
crane	1	1	1	3	1	2	2	1	1	1		1	1	2		2		2	1		2				25
conveying machine	3	3	5	1	2	1	3	3	2	1	6	4	1	3		2	2	4	5		3	6	2	3	65
vehicle	7	3	6	4	1	7	6	6	6	13	5	9	8	8	3	7	1	4	6		4	6	10	3	133
pressure vessel																									
chemical facilities																									
welding equipment												1													1
kiln, caldron																									
electric equipment					2						1												1		4
human power machine, tools																				1					1
tools	2	2	2	1		1			1			1			2	2	2		3	1	2			3	25
other equipments, facilities			1		1	1				2		1							1						7
temporary buildings, establishments	2	1	2	1	2	1		2	2		1	1	1	1	1		1	1	2	3	1	1	1	1	29
hazards, harmful substances	1				1										1		2								5
materials					1																				1
load											1							1				1	1		4
natural environment	4	3	4	5	3	3	5	3	1	12	4	7	16	1	6	7	8	3	3		3	4	6	2	113
other causal agent							1			1	1				3		1				1				8









timbering																									
stairs, landing stage																			1						1
opening				1																					1
roof, beam, haze, crossbeam, principal rafter			1	1			1			1			1	1			1	1	2		1	1			12
working platform, boot board						1			1										1						3
passage												1													1
building, establishment	1	1	1	1				1	1			1						1					1		9
other temporary buildings, establishments	1																								2
explosive substance																									
inflammable substance	1																								1
inflammable gas				1																					1
harmful substance														1		2									3
radiation																									
other hazards, harmful substances																									
metal material				1																					1
lumber, bamboo																									
stone, sand, substance																									
other materials																									
load											1							1			1	1			4
machine/equipment as load																									
natural ground, rock										1			1							1		1			4



standing tree											1						1						1		3
water	1		2	1		3	2			7	2	4	14		4	3	3	1	1		1	3	1	2	55
abnormal environment					1		1			2				1			1	1							7
high/cold temperature environment			1				1			1		1			1	1									6
other environments	3	3	1	4	2		1	3	1	1	1	2	1		1	3	3	1	2		1	1	3		38
other causal agent							1			1	1				3		1				1				8
no causal agent														1				1							2
unclassifiable																		1							1
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	14	482

Workers age of fatal accidents in livestock/fishery in 1999-2022

Age	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
19 years old or less	1			1							1					1						3			7
20-29	3		1	1		2	1	2		4	3	3	3	1	4	4	5	2	3	1		2		2	47
30-39	1	1	4	1	2	2	4	1	1	6		5	1	2	4	3	4	1	1		2	3	3	2	54
40-49	2	4	5	4	3	4	2	5	2	6	1	3	6	4	2	3	2	5	4			3	2		72
50-59	2	3	6	4	3	6	3	5	7	4	3	6	9	3	2	3	2	2	6	1	3	2	7	3	95
60 years old or more	14	8	6	8	9	9	8	3	5	13	11	11	13	9	7	6	6	9	10	4	13	6	12	7	207
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	14	482

Workers' number of workplace of fatal accidents in livestock/fishery in 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
9 workers or less	13	9	14	9	12	11	11	9	8	19	13	15	20	11	9	11	12	13	16	1	10	13	16	11	286
10-29	7	6	6	8	3	10	6	5	3	11	6	7	6	6	6	5	6	4	7	2	6	4	6	2	138
30-49	1	1	1	2	2	2	1	1	1	3		4	4	1	4		1	2	1	2	2	2	2	1	41
50-99	1		1					1	3			2	2	1		4				1					16
100-299	1																								1
300 workers or more																									
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	14	482

#### Month of fatal accidents in livestock/fishery in 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
January	2	2	2	4	2	3	3	1	2	5	1	4	1	1	4	1	2	1	5	1	1	1		2	51
February	2	1	1	2	1		2			3	2		1	3	1	2	2	1	1		2		2		29
March	2	3	2	3		1	2	4	1			2	18		3	2		1	3		1	3	3		54
April	1	2	4	2	1	5	1			8	2	2	2		2	1	3	2	2		4	1			45
May	1	2	4		1	2			1		2	3	2	2	1	3	2	3	1		1	1	6		38
June	1		2		2	1	2		3	2	2	4		1	1			2	1		2	1	1	2	30
July	3	1		1	1	1	1	1		4	3	2			1	1	2	1	1			3	2	2	31
August	3		2	3	2	1	2	3	2	3	2	1	1		2	3	2	4	1	1	1	2		1	42
September		3	1	1	1	2	2	2	1	2	1	1	2	5	2	3	1	3	3	1		2	2	1	42
October	5		2	3	1	2	1	1	2	2	4	1	1	7		2	1				3			2	40

November	2	1	2		4	3	1	1	2	2		3	3		1	1	3	1	2	1	2	1	3	3	42
December	1	1			1	2	1	3	1	2		5	1		1	1	1		4	2	1	4	5	1	38
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	14	482

Prefecture of fatal accidents in livestock/fishery in 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
Hokkaido	7	2	7	6	4	4	6	5	7	3	7	10	6	6	4	7		5	8	1	4	5	4	4	122
Aomori								1	1	8	1		1	2	2	1	1		2			3	3		26
Iwate		1		2	1		2			2		1	7		2	1			1						20
Miyagi		1	1					1			1		5			1	3		1					1	15
Akita			1					1				1													3
Yamagata	1		1								1														3
Fukushima								1	1				2									1			5
Ibaraki		1		4			1	1		1	1	1		2		2	1	1	2			1	2		21
Tochigi		1								1															2
Gunma						2						2	1		1						1				7
Saitama											1									1	1				3
Chiba	1	2	1										1		1	1	1				1		1		10
Tokyo					1								2											1	4
Kanagawa							1		1													1			3
Niigata	2					1		1		2								1							7
Toyama			1			1			1	2			1						1		1	1			9

Ishikawa	1	3							1		1							1			1	8
Fukui									1						1							2
Yamanashi									1													1
Nagano								1		1												2
Gifu												1			1		1			2		5
Shizuoka	2				1	2	1		1	1		2		1	1	1		1	1	2	1	18
Aichi			1									1								1		3
Mie		1			1	1						1				1		1				6
Shiga	1					1							1		1		1					5
Kyoto					1				1						2						1	5
Osaka										1	1					1			1			4
Hyogo		1	1		1	1				1			2						1	1	2	11
Nara					1																	1
Wakayama	1			1		1	1	1			1				1	2		1			1	12
Tottori	1																	1				2
Shimane					1					1	1				1		1			1		6
Okayama	1				1	1							1									4
Hiroshima	1	1				2				1			1	2	2			1		1		12
Yamaguchi											1								1			2
Tokushima			2								1		2				2	1		1		9
Kagawa				1			2			1					1	1					1	8
Ehime	2		1		1				1			1										6
Kochi					1	1					1			1	1					1	1	9

Fukuoka														1		1	2							4	
Saga			1					1				1												3	
Nagasaki				1		3				2		3			1		2	1	1				1	15	
Kumamoto		1			2	1		1		2	1	1			1	1	1			1	1	1		15	
Oita		1	2	2	1		1	1	1	1	1	1								1	1			14	
Miyazaki			1							1				1				1				1	1	6	
Kagoshima	2		1	2	2	2				1		1	1		1	1	2	1	2	1		1	1	1	23
Okinawa																1								1	
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	14	482

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

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