

	153	buffing machine		529	494		464		472	408	508	441	363	394	419	376	362	368	350	345	350	356	350	346	350	8,045	
	154	power press		34	17		12		13	18	12	6	5	6	5	4	11	8	6	7	10	8	7	9	7	205	
	155	forging pressure hammer		1			1				1									1	1		1			6	
	156	shearing machine		55	53		43		38	35	61	47	32	45	29	47	31	28	27	37	23	32	21	32	23	739	
	159	other metal manufacturing machines		406	404		305		291	300	291	299	193	203	194	208	193	221	164	174	176	201	170	154	170	4,717	
15		metal manufacturing machine	1,267	1,262	1,159	1,086	997	977	965	941	1,022	916	668	736	736	731	684	705	627	632	609	659	623	599	615	19,216	
	161	centrifugal machine		1	2		2		1		2			3	1	1	3	1		1	1	2			1	22	
	162	mixer, grinder		38	51		38		44	29	25	34	25	25	25	28	33	21	25	17	22	27	30	20	39	596	
	163	roll machine (except printingroll machine)		10	18		12		17	9	12	10	10	6	4	10	10	8	11	7	6	9	3	9	6	187	
	164	injection molding machine		8	6		11		4	6	7	1	3	4	4	5	3	3	3	4	2	5	2	4	1	86	
	165	food manufacturing machine		1,059	1,036		1,038		965	852	868	989	845	845	873	826	820	759	812	809	768	696	758	746	664	17,028	
	166	printing machine		36	32		18		23	22	24	29	23	22	16	13	20	11	12	16	14	11	15	18	19	394	
	167	industrial robot		1	6		1		3	2	3	1	2	1	3			1	1					1	2	28	
	169	other general power machines		1,323	1,232		1,212		997	979	974	896	871	822	832	775	736	733	768	722	702	650	722	697	681	17,324	
16		general machine	2,424	2,476	2,383	2,316	2,332	2,164	2,054	1,899	1,915	1,960	1,779	1,728	1,758	1,658	1,625	1,537	1,632	1,576	1,515	1,400	1,530	1,495	1,413	42,569	
	171	felling machine																	3	2	3	2	4	1	1	16	
	172	mobile logging machine																									
	173	skyline yarding machine																	1								1
	179	other mobile silviculture machine																		1		1	2	3	2	9	
17		mobile silviculture machine																	4	3	3	3	6	4	3	26	
1		machine	8,205	8,155	7,577	7,117	6,971	6,453	6,040	5,607	5,689	5,462	4,725	4,696	4,657	4,350	4,219	4,103	3,917	3,748	3,575	3,482	3,578	3,479	3,395	119,200	
	211	crane		5	6		9		6	5	6	13	3	2	7	4	1	3	3	1	7	4	6	8	7	106	
	212	mobile crane		12	9		6		1	4	2	4	2	4	4	1	3	1	3	2		4	3	1	2	68	
	213	derrick crane																									
	214	elevator, lift		1	3		2		1	3	2	2	2		1	2	4	2	2	4		2	1	2	1	37	
	215	cargo lifting appliance							1												1						2

	216	gondola						2				1							1					4		
	217	lumberyard equipment, logging cableway			1		1				1					1		2			2			8		
	218	simple skyline yarding equipment																								
	219	other powered crane		6	5		4		3	2	2	1	2	1	2	3	1		1	2		1		4	40	
21		crane	13	24	24	22	22	13	14	14	13	20	10	7	14	10	10	6	11	9	9	13	10	11	14	313
	221	truck		53	60		40		50	46	38	36	43	38	28	27	39	25	27	30	38	33	26	31	31	739
	222	forklift		7	11		8		11	10	3	8	6	4	4	5	4	7	5	5	5	5	8	6	7	129
	223	railway equipment			1					1					1						1	1		1		6
	224	conveyor		36	44		25		20	34	20	30	21	26	21	20	13	20	16	24	21	17	14	15	22	459
	225	loader					1		1	1										1						4
	226	straddle carrier																								
	227	rough terrain hauler							1				1											1		3
	229	other powered conveying machines		5	14		10		16	11	4	8	4	6	10	4	4	5	4	4	6	8	7	2	4	136
22		conveying machine	108	101	130	86	84	91	99	103	65	82	75	74	64	56	60	57	52	63	71	64	56	55	65	1,761
	231	cars, bus, motorcycle		23	20		24		17	14	8	27	17	20	14	10	17	10	5	16	6	13	15	7	13	296
	232	railway vehicle		1			1					1			3	1			1			2		1		12
	239	other vehicles		3	7		7		4	1	8	4	1	4	2	4	2	1	2	4	6	1	5	2	2	70
23		vehicle	30	27	27	20	32	21	21	15	17	31	19	24	19	15	19	11	8	20	12	16	20	10	15	449
2		crane, conveying machine	151	152	181	128	138	125	134	132	95	133	104	105	97	81	89	74	71	92	92	93	86	76	94	2,523
	311	boiler									1		1		1						1					4
	312	pressure vessel		1	1		1				1					1			1							6
	319	other pressure vessels		1	2		3			1			1	1	1			2								12
31		pressure vessel	3	2	3	2	4	2		1	2		2	1	2	1		2	1			1				29
	321	chemical facilities					2		1	2						1						2	1			9
32		chemical facilities					2	2	1	2						1						2	1			11
	331	gas welding equipment			1						1	1	2					2		1	1					9
	332	arc welding equipment		3	2		3		1	3	7	4	1	3	4			3	2	4	3	2		2	1	48
	339	other welding equipment		5	6		3		2	2	2	1				1	1	1	1	4	2		3			34
33		welding equipment	10	8	9	8	6	2	3	5	10	6	3	3	4	1	1	6	3	9	6	2	3	2	1	111
	341	kiln, caldron		2	2					1	1		3	1		2	1	2			1	1	2	1		20

	41	establishments	179	214	177	175	180	177	181	172	148	139	109	145	105	112	107	106	99	124	112	126	128	101	96	3,212
4		temporary buildings, establishments	179	214	177	175	180	177	181	172	148	139	109	145	105	112	107	106	99	124	112	126	128	101	96	3,212
		511 explosive substance							1	1							1					1		1		5
		512 inflammable substance		1			1		1	1	1			1	1		1		1			1				10
		513 inflammable gas			1							1														2
		514 harmful substance		1	1		1																		1	4
		515 radiation																								
		519 other hazards, harmful substances		2	4		2		3	4	1	4	2	2	4	3	1	1	3	10	7	2	5	2	6	68
	51	hazards, harmful substances	5	4	6	1	4	5	5	6	2	5	2	3	5	3	3	1	4	10	7	4	5	3	7	100
		521 metal material		673	710		596		577	589	513	497	420	419	387	490	428	418	389	405	369	358	380	344	332	9,294
		522 lumber, bamboo		80	66		60		57	51	53	44	41	31	32	33	50	31	29	34	40	36	33	34	34	869
		523 stone, sand, substance		15	9		10		6	14	3	6	4	2	5	6	2	3	5	4	2	3	7	1	4	111
		529 other materials		581	554		575		526	571	537	519	496	452	467	512	512	505	451	431	360	371	423	357	342	9,542
	52	materials	1,334	1,349	1,339	1,281	1,241	1,283	1,166	1,225	1,106	1,066	961	904	891	1,041	992	957	874	874	771	768	843	736	712	23,714
5		substance, material	1,339	1,353	1,345	1,282	1,245	1,288	1,171	1,231	1,108	1,071	963	907	896	1,044	995	958	878	884	778	772	848	739	719	23,814
		611 load		179	191		187		133	156	156	131	118	118	115	120	117	133	104	110	88	105	103	98	97	2,559
		612 machine/equipment as load		19	16		19		17	16	22	11	15	13	7	9	16	9	7	8	9	8	11	9	9	250
	61	load	205	198	207	173	206	166	150	172	178	142	133	131	122	129	133	142	111	118	97	113	114	107	106	3,353
6		load	205	198	207	173	206	166	150	172	178	142	133	131	122	129	133	142	111	118	97	113	114	107	106	3,353
		711 natural ground, rock		10	11		18		6	7	4	7	9	8	5	9	9	8	12	4	7	4	3	3	2	146
		712 standing tree		43	38		34		21	21	34	39	47	23	38	21	22	17	33	21	20	21	19	20	17	549
		713 water		1	1		1		2	1		1	2		4	1	2			1						17
		714 abnormal environment											1			1										2
		715 high/cold temperature environment			1					1	2					1										5
		719 other environments		59	66		73		59	60	51	56	66	62	51	49	63	51	44	60	44	62	64	56	74	1,170
	71	natural environment	107	113	117	127	126	114	88	90	91	103	125	93	98	82	96	76	89	86	71	87	86	79	93	2,237
7		environment	107	113	117	127	126	114	88	90	91	103	125	93	98	82	96	76	89	86	71	87	86	79	93	2,237
		911 other causal agent		283	178		191		140	132	138	126	97	83	137	106	96	123	105	82	108	99	88	56	69	2,437
	91	other causal agent	316	283	178	182	191	156	140	132	138	126	97	83	137	106	96	123	105	82	108	99	88	56	69	3,091
		921 no causal agent		11	10		4		8	7	6	14	9	5	6	14	7	11	7	3	11	13	9	14	11	180

	92	no causal agent	15	11	10	9	4	10	8	7	6	14	9	5	6	14	7	11	7	3	11	13	9	14	11	214	
		999	unclassifiable		13	9		8		5	8	5	4	4	7	9	4	5	3	5	5		7	4		1	106
		99	unclassifiable	22	13	9	11	8	11	5	8	5	4	4	7	9	4	5	3	5	5		7	4		1	150
9		others	353	307	197	202	203	177	153	147	149	144	110	95	152	124	108	137	117	90	119	119	101	70	81	3,455	
0		total	14,541	14,472	13,871	13,323	13,039	12,399	11,682	11,199	11,132	10,707	9,352	9,393	9,229	9,258	9,038	8,704	8,423	8,117	7,760	7,878	7,977	7,592	7,638	236,724	

Data of 2011 year include Industrial accidents caused by Great East Japan Earthquake in 2011.

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

Return to <https://www.jisha.or.jp/english/statistics/2021enfcs.html>