

(5) Diseases due to abnormal temperature in Japan in 1988-2021

Industry	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
Food products	76	72	60	98	100	77	109	92	61	21	53	53	64	58	49	60	35	41	37	24	43	34	51	38	48	49	40	53	51	51	80	62	71	52		
	D*																										0	2	0	0	0	1	0	0		
Fiber/textile products	17	30	17	27	23	9	14	14	12	5	2	2	3	5	2	2	2	1	1	1	0	0	2	1	1	2	3	0	2	3	1	4	1	1		
	D*																										0	0	0	0	0	0	0	0	0	
Wood/furniture products	2	13	4	11	10	9	9	11	7	2	5	5	1	4	3	-	3	2	1	5	3	1	9	5	3	8	7	3	5	6	13	7	11	2		
	D*																										0	0	0	0	0	0	0	0	0	
Pulp/paper processing/printing/bookbinding	3	13	2	13	12	2	5	2	2	3	1	1	7	3	-	2	4	1	1	8	1	6	9	3	4	4	4	5	3	6	9	12	14	5		
	D*																										0	0	0	0	0	1	1	0	0	
Chemical products	33	22	19	34	31	21	24	21	17	22	15	15	7	7	12	8	13	9	8	5	11	6	18	21	10	12	14	8	14	18	29	26	16	20		
	D*																										0	0	0	1	1	0	0	0	0	
Sand and stone products	11	15	10	17	15	12	18	13	11	9	3	3	5	11	3	5	9	7	2	14	8	1	16	5	10	6	9	13	5	11	11	14	19	4		
	D*																										0	0	0	0	0	1	1	0	0	
Steel/nonferrous metal making	141	138	129	144	108	109	103	118	80	75	44	44	44	37	21	29	46	29	36	34	37	19	26	18	18	33	27	39	32	21	34	28	32	11		
	D*																										0	1	0	0	0	0	0	0	0	
Metal products	29	58	26	37	25	15	22	27	21	23	10	10	13	21	22	15	18	13	9	15	12	10	30	25	19	25	16	13	21	20	36	25	37	16		
	D*																										1	0	0	0	1	0	1	0	0	
Machine/electrical equipment/transport equipment products	36	42	41	69	44	24	29	39	14	18	16	16	30	27	24	12	13	23	23	18	19	7	33	28	36	33	17	16	34	39	61	44	52	31		
	D*																										0	0	0	0	3	1	1	1	1	
Electric/gas/water service		1		5		2		1	-	1	-	-	-	-	-	1	0	0	1	1	1	1	2	1	0	1	2	1	3	2	2	2	3	5		
	D*																										0	1	0	0	0	0	0	0	0	
Other manufacturing	22	38	19	45	37	21	36	37	27	23	12	12	14	24	6	9	13	5	6	11	6	5	21	6	5	10	14	17	14	14	37	40	21	16		
	D*																										0	2	0	0	0	0	0	2	1	0
Sub-total of manufacturing	370	442	327	500	405	301	369	375	252	202	161	161	188	197	142	142	157	131	124	136	141	90	217	151	154	183	153	168	184	191	313	264	277	163		
	D*																										1	6	0	1	5	4	6	2	0	
Mining	1	1	1	2	2	2		2	1	1	1	1	1	1	2	2	0	1	0	0	0	0	1	1	0	2	0	2	0	0	1	0	3	1		

	D*																															0	1	0	0	0	0	0	0												
Construction		22	64	37	77	55	36	73	88	57	49	50	50	59	99	87	92	117	74	112	129	90	51	194	143	149	156	146	122	118	144	245	159	223	134																
	D*																																		6	12	7	8	10	10	8	11									
Transportation service		4	15	6	16	18	3	19	10	11	4	10	10	23	22	23	26	27	26	36	36	39	19	83	66	51	72	58	70	56	97	182	113	141	68																
	D*																																		0	1	0	0	4	2	0	1									
Cargo handling service		2	3	2	4	3	1	3	5	3	1	4	4	2	2	6	6	3	2	5	5	12	2	12	6	8	10	14	4	24	17	23	22	20	13																
	D*																																			2	0	0	0	2	0	0	0								
Agriculture/fishery		5	3	4	7	6		4	4	7	2	5	5	2	13	9	3	11	11	10	16	9	4	34	23	19	25	26	23	31	32	51	35	31	26																
	D*																																			2	1	2	2	1	0	1	2								
Commerce/financial business/advertisement		16	27	11	50	47	27	52	50	41	13	32	32	35	40	45	25	43	43	33	44	65	34	82	66	78	78	71	85	73	68	153	124	136	96																
	D*																																				0	1	1	0	3	1	2	3							
Health and hygiene service							16	15	24	12	2	6	6	10	10	6	8	5	9	5	4	5	5	12	20	16	21	13	14	11	18	25	21	24	20																
	D*																																					1	0	0	0	0	0	0	0						
Hotel/restaurant/amusement service							95	144	104	84	16	51	51	73	62	62	69	53	53	53	62	64	51	68	65	86	71	66	69	66	53	123	96	98	50																
	D*																																						0	1	0	0	0	2	0	0					
Commercial cleaning and livestock process							3	15	12	6	9	2	2	12	13	9	10	19	13	16	17	16	15	48	32	28	33	17	23	38	35	83	65	62	34																
	D*																																						0	1	1	1	0	0	4	0					
Others		107	119	81	174	158	12	15	25	11	4	10	10	14	19	16	11	32	34	28	25	22	17	65	33	42	73	55	62	49	64	195	140	144	102																
	D*																																								1	9	1	3	6	6	2	1			
Total		527	674	469	830	694	496	709	699	485	303	332	332	419	478	407	394	467	397	422	474	463	288	816	606	631	724	619	642	650	719	1,394	1,039	1,159	707																
	D*																																											13	33	12	15	31	25	23	20

D* means "Death in above".

Occupational diseases mean fatal and non-fatal diseases with work absence of 4 days and more.

Data sources: https://www.mhlw.go.jp/stf/newpage_27177.html (MHLW, Japan)

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