

## Occupational Diseases in Commercial cleaning and livestock process industries in 1988-2021 in Japan

Type of occupational diseases	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	
(1) Diseases due to occupational injuries						309	279	275	313	315	343	343	330	336	290	345	311	319	284	335	332	288	268	259	258	203	230	233	217	228	218	272	232	239	
	D*																									0	1	0	0	0	0	0	0	0	1
(1)-2 Backache resulting from accident in above injuries						250	226	243	271	285	306	306	299	296	246	281	259	276	236	277	278	238	231	224	199	161	181	177	182	174	163	208	167	191	
	D*																									0	0	0	0	0	0	0	0	0	0
(2) Diseases due to hazardous rays									-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	
	D*																									0	0	0	0	0	0	0	0	0	0
(3) Diseases due to ionizing radiation									-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	D*																									0	0	0	0	0	0	0	0	0	0
(4) Diseases due to abnormal atmospheric pressure									-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	D*																									0	0	0	0	0	0	0	0	0	0
(5) Diseases due to abnormal						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	



due to vibration										—	—	—	—	-	-	-	-	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0
	D*																									0	0	0	0	0	0	0	0	0	
(11) Disorders in fingers and forearms, and cervicobrachial disorder							1	3	2	—	3	3	4	4	-	4	5	4	4	8	6	1	4	3	4	3	4	5	3	5	4	6	6	4	
	D*																									0	0	0	0	0	0	0	0	0	
(12) Diseases due to causes other than (8) to (11)										—	—	1	1	4	1	1	3	4	2	3	4	4	3	2	2	2	1	5	2	0	3	1	5	4	2
	D*																									0	0	0	0	0	0	0	0	0	
(13) Anoxia							3	—	—	—	-	-	-	-	1	0	1	1	1	0	0	0	2	1	0	0	0	0	1	1	1	2	3	0	
	D*																									0	0	1	1	1	2	1	0		
(14) Diseases due to chemical substances (excluding cancer)						35	36	36	25	22	23	23	17	14	30	17	17	27	9	25	25	11	18	9	15	16	14	19	20	16	23	14	17	19	
	D*																									0	0	0	1	1	2	1	0		
(15) Pneumoconiosis and complications (only absent)										—	—	—	—	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
(16) Diseases due to pathogenic						1				—	1	—	—	1	1	2	3	2	5	3	2	2	1	1	3	3	0	3	5	2	5	2	3	107	249



