Occupational Diseases in Hotel/restaurant/amusement service industries in Japan in 1988-2020

| 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 |
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| (1) Diseases due to occupational injuries | | | | | | | 348 | 353 | 349 | 370 | 310 | 314 | 314 | 316 | 310 | 327 | 335 | 313 | 293 | 376 | 401 | 451 | 421 | 374 | 378 | 366 | 303 | 291 | 321 | 328 | 330 | 310 | 353 | 314 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| (1)-2 Backache resulting from accident in above injuries | | | | | | | 289 | 271 | 291 | 300 | 261 | 266 | 266 | 272 | 273 | 270 | 268 | 249 | 250 | 327 | 344 | 381 | 353 | 321 | 313 | 319 | 245 | 242 | 277 | 270 | 271 | 248 | 294 | 249 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (2) Diseases due to hazardous rays | | | | | | | | | | — | — | — | — | - | 1 | - | - | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (3) Diseases due to ionizing radiation | | | | | | | | | 1 | — | — | — | — | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Death in | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| | above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (4) Diseases due to abnormal atmospheric pressure | | | | | | | | | 2 | — | 2 | — | — | - | | - | - | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 1 | 1 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (5) Diseases due to abnormal temperature | | | | | | | 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 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 1 | 0 | 0 | 0 | 2 | 0 |
| (5)-2 Heat stroke in above abnormal temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 26 | 22 | 18 | 66 | 47 | 45 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 1 | 0 | 0 | 0 | 2 | 0 |
| (6) Ear diseases due to noise | | | | | | | | | | — | — | — | — | - | - | - | - | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (7) Diseases due to factors other than (2) to (6) | | | | | | | | | | — | — | 1 | 1 | - | 2 | 2 | 3 | 0 | 1 | 4 | 2 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 5 | 1 |
| | Death | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | in above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (8) Diseases of locomotion and internal organs due to heavy and excessive work load | | | | | | | 2 | 3 | 1 | 6 | 4 | 9 | 9 | 15 | 8 | 9 | 8 | 4 | 9 | 7 | 7 | 3 | 4 | 4 | 6 | 6 | 3 | 15 | 6 | 2 | 5 | 8 | 6 | 9 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (9) Occupational lower back pain excluding that caused by occupational injuries | | | | | | | 9 | 3 | 12 | 8 | 3 | 1 | 1 | 5 | 6 | 2 | 6 | 1 | 2 | 2 | 2 | 6 | 4 | 2 | 2 | 4 | 5 | 3 | 1 | 3 | 2 | 4 | 3 | 4 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (10) Diseases due to vibration | | | | | | | | | | — | 1 | — | — | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (11) Disorders in fingers and forearms, and cervico- | | | | | | | 2 | 4 | 1 | 4 | 1 | 6 | 6 | 9 | 12 | 7 | 11 | 10 | 14 | 14 | 14 | 26 | 19 | 18 | 13 | 13 | 10 | 8 | 18 | 11 | 23 | 20 | 33 | 18 |

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| bronchial disorder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (12) Diseases due to causes other than (8) to (11) | | | | | | | 4 | 1 | 1 | 1 | 2 | 5 | 5 | 1 | 4 | 9 | 2 | 6 | 3 | 6 | 10 | 10 | 7 | 8 | 8 | 10 | 9 | 3 | 9 | 2 | 5 | 10 | 21 | 11 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (13) Anoxia | | | | | | | | | | — | 1 | — | — | - | - | - | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (14) Diseases due to chemical substances (excluding cancer) | | | | | | | 10 | 22 | 19 | 33 | 25 | 15 | 15 | 12 | 20 | 8 | 21 | 10 | 17 | 12 | 20 | 15 | 19 | 14 | 16 | 19 | 13 | 11 | 10 | 10 | 23 | 11 | 18 | 14 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 0 | 0 | 0 | 0 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| due to pathogenic organisms | | | | | | | | 1 | 20 | 3 | 8 | 6 | 6 | 2 | 7 | - | 5 | 4 | 3 | 28 | 19 | 71 | 4 | 2 | 4 | 4 | 8 | 7 | 11 | 12 | 4 | 3 | 12 | 97 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (16)-2 Occupational Diseases due to COVID-19 in above in above pathogenic organisms | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| (17) Cancer due to ionizing radiation | | | | | | | | | | — | — | — | — | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (18) Cancer due to chemical substances | | | | | | | | | | — | — | — | — | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (19) Cancer due to causes other | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| than (17) and (18) | | | | | | | | | | — | — | — | — | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (20) Cerebrovascular disease, heart disease, etc. due to overwork | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 5 | 3 | 4 | 6 | 2 | 2 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 0 | 0 | 2 | 3 | 1 | 1 |
| (21) Mental disorder due to serious occupational psychological burden | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 6 | 2 | 2 | 10 | 3 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| (22) Other diseases evidently due to occupational causes | | | | | | | | | 1 | — | 1 | 4 | 4 | 4 | 3 | 3 | 2 | 4 | 12 | 8 | 11 | 14 | 22 | 9 | 11 | 18 | 17 | 10 | 8 | 3 | 15 | 8 | 7 | 3 |
| | Death in | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

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| | above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | 470 | 531 | 511 | 509 | 374 | 412 | 412 | 437 | 435 | 429 | 463 | 408 | 409 | 511 | 549 | 666 | 557 | 501 | 505 | 528 | 443 | 429 | 461 | 452 | 469 | 507 | 567 | 576 |
| | Death in above | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 3 | 1 | 3 | 3 | 3 | 1 |

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_09976.html (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2020ed_industry.html