

Fatal and non-fatal accidents in general restaurant in Japan in 1999-2021

general restaurant industry Code No.140201

Type of accidents in general restaurant in 1999-2021

| Type of accidents | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Type of accidents |
|------------------------------------|------|------|-------|-------|-------|------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------------------------------------|
| fall from height | 169 | 157 | 200 | 171 | 211 | 177 | 177 | 209 | 208 | 236 | 246 | 192 | 251 | 225 | 216 | 228 | 235 | 284 | 315 | 292 | 328 | 353 | 290 | 5,370 | fall from height |
| falling to same level | 704 | 704 | 795 | 763 | 758 | 850 | 867 | 870 | 937 | 913 | 957 | 1,024 | 1,019 | 984 | 1,083 | 1,116 | 1,120 | 1,178 | 1,203 | 1,292 | 1,332 | 1,264 | 1,282 | 23,015 | falling to same level |
| crash | 89 | 79 | 96 | 96 | 106 | 97 | 108 | 104 | 117 | 102 | 128 | 99 | 127 | 124 | 150 | 132 | 136 | 186 | 188 | 173 | 157 | 191 | 176 | 2,961 | crash |
| struck by flying or falling object | 100 | 103 | 115 | 140 | 102 | 117 | 114 | 124 | 128 | 134 | 114 | 125 | 98 | 123 | 132 | 128 | 149 | 141 | 138 | 152 | 124 | 141 | 131 | 2,873 | struck by flying or falling object |
| collapse | 16 | 19 | 20 | 24 | 22 | 18 | 27 | 20 | 33 | 20 | 20 | 28 | 25 | 23 | 18 | 29 | 14 | 28 | 26 | 29 | 29 | 25 | 22 | 535 | collapse |
| crashed by | 31 | 27 | 25 | 26 | 26 | 41 | 26 | 26 | 23 | 39 | 31 | 40 | 34 | 26 | 39 | 29 | 34 | 36 | 38 | 39 | 41 | 39 | 46 | 762 | crashed by |
| caught in/between | 159 | 112 | 153 | 151 | 161 | 156 | 160 | 148 | 158 | 147 | 160 | 160 | 186 | 205 | 184 | 192 | 164 | 165 | 154 | 168 | 197 | 174 | 158 | 3,772 | caught in/between |
| cut | 986 | 966 | 1,038 | 1,075 | 1,053 | 981 | 1,017 | 975 | 968 | 941 | 826 | 866 | 882 | 1,089 | 1,019 | 968 | 1,092 | 1,031 | 930 | 1,048 | 1,049 | 914 | 851 | 22,565 | cut |
| injury to the sole of the foot | 5 | 4 | 5 | 2 | 5 | 2 | 4 | 2 | 3 | 6 | 6 | 4 | | 7 | 3 | 5 | 6 | 3 | 7 | 4 | 5 | 1 | 2 | 91 | injury to the sole of the foot |
| drown | 1 | | 2 | | | | 1 | | 1 | | | | 5 | | 1 | 2 | | 1 | | | | 1 | | 15 | drown |
| contact to high/low-temperature | 404 | 470 | 533 | 480 | 549 | 531 | 527 | 509 | 520 | 542 | 573 | 594 | 622 | 630 | 633 | 686 | 713 | 762 | 715 | 716 | 781 | 670 | 723 | 13,883 | contact to high/low-temperature |
| contact to harmful | 13 | 8 | 17 | 13 | 20 | 16 | 15 | 22 | 20 | 14 | 19 | 13 | 20 | 19 | 15 | 8 | 17 | 15 | 32 | 20 | 30 | 23 | 20 | 409 | contact to harmful |

| substance | | | | | | | | | | | | | | | | | | | | | | | | | | substance |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|-----------|
| electric shock | 1 | 3 | 2 | 1 | 3 | | 3 | 1 | 4 | 1 | 4 | 2 | | 3 | 5 | | 2 | 3 | 2 | 3 | 1 | 2 | 2 | 48 | electric shock | |
| explosion | 6 | 6 | 10 | 10 | 10 | 7 | 9 | 4 | 15 | 10 | 11 | 13 | 3 | 5 | 5 | 8 | 5 | 3 | 2 | 9 | 1 | 3 | 6 | 161 | explosion | |
| burst | | 2 | 2 | | | | 2 | 3 | 1 | 1 | 2 | 2 | 3 | 2 | 1 | 3 | | 3 | 1 | | | | 1 | 29 | burst | |
| fire | 3 | 8 | 3 | 2 | 2 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 6 | 3 | 4 | 5 | 2 | 3 | 4 | 3 | 3 | 6 | 6 | 93 | fire | |
| traffic accident (public road) | 81 | 72 | 113 | 101 | 93 | 114 | 96 | 108 | 115 | 108 | 112 | 113 | 114 | 123 | 144 | 120 | 135 | 145 | 139 | 160 | 157 | 215 | 269 | 2,947 | traffic accident (public road) | |
| traffic accident (others) | | 1 | | | | | | 2 | 1 | 1 | | | | 2 | 2 | | | 2 | 1 | | 2 | | 2 | 16 | traffic accident (others) | |
| reaction to motion/improper motion | 196 | 175 | 194 | 231 | 231 | 215 | 198 | 236 | 271 | 271 | 262 | 277 | 280 | 294 | 254 | 316 | 362 | 346 | 343 | 378 | 416 | 446 | 403 | 6,595 | reaction to motion/improper motion | |
| others | 25 | 28 | 31 | 26 | 32 | 20 | 24 | 25 | 41 | 41 | 42 | 30 | 39 | 37 | 31 | 31 | 35 | 22 | 37 | 36 | 31 | 79 | 334 | 1,077 | others | |
| unclassifiable | 9 | 11 | 10 | 16 | 12 | 11 | 8 | 10 | 7 | 8 | 8 | 7 | 9 | 11 | 14 | 12 | 8 | 7 | 9 | 12 | 5 | 2 | 4 | 210 | unclassifiable | |
| total | 2,998 | 2,955 | 3,364 | 3,328 | 3,396 | 3,357 | 3,387 | 3,403 | 3,576 | 3,540 | 3,526 | 3,591 | 3,723 | 3,935 | 3,953 | 4,018 | 4,229 | 4,364 | 4,284 | 4,534 | 4,689 | 4,549 | 4,728 | 87,427 | total | |

Causal agents (large) of fatal and non-fatal accidents in general restaurant in 1999-2021

| Causal (L) agents | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Causal (L) agents |
|-----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------------------------------|
| machine | 231 | 233 | 252 | 225 | 232 | 212 | 246 | 219 | 207 | 237 | 221 | 220 | 255 | 230 | 241 | 248 | 262 | 254 | 233 | 246 | 252 | 233 | 207 | 5,396 | machine |
| crane, conveying machine | 109 | 101 | 136 | 136 | 133 | 155 | 125 | 135 | 143 | 145 | 137 | 136 | 167 | 166 | 184 | 147 | 159 | 175 | 169 | 201 | 189 | 267 | 301 | 3,716 | crane, conveying machine |
| other equipment | 964 | 957 | 1,135 | 1,090 | 1,151 | 1,105 | 1,121 | 1,104 | 1,175 | 1,175 | 1,106 | 1,157 | 1,156 | 1,333 | 1,339 | 1,287 | 1,453 | 1,470 | 1,418 | 1,578 | 1,586 | 1,520 | 1,544 | 28,924 | other |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-------------------------------------|
| | | | | | | | | | | | | | | | | | | | | | | | | equipment | |
| temporary buildings, establishments | 806 | 796 | 903 | 879 | 918 | 956 | 983 | 972 | 1,072 | 1,063 | 1,109 | 1,098 | 1,118 | 1,095 | 1,163 | 1,219 | 1,248 | 1,359 | 1,398 | 1,444 | 1,484 | 1,424 | 1,390 | 25,897 | temporary buildings, establishments |
| substance, material | 353 | 344 | 388 | 410 | 439 | 399 | 430 | 465 | 437 | 411 | 450 | 414 | 447 | 525 | 460 | 485 | 470 | 468 | 412 | 388 | 444 | 336 | 334 | 9,709 | substance, material |
| load | 104 | 118 | 144 | 133 | 142 | 117 | 124 | 160 | 157 | 131 | 143 | 171 | 150 | 154 | 147 | 158 | 177 | 204 | 172 | 156 | 182 | 179 | 193 | 3,516 | load |
| environment | 70 | 90 | 121 | 76 | 85 | 101 | 89 | 87 | 93 | 77 | 91 | 100 | 103 | 110 | 119 | 149 | 110 | 81 | 99 | 150 | 134 | 157 | 122 | 2,414 | environment |
| others | 361 | 316 | 285 | 379 | 296 | 312 | 269 | 261 | 292 | 301 | 269 | 295 | 327 | 322 | 300 | 325 | 350 | 353 | 383 | 371 | 418 | 433 | 637 | 7,855 | others |
| total | 2,998 | 2,955 | 3,364 | 3,328 | 3,396 | 3,357 | 3,387 | 3,403 | 3,576 | 3,540 | 3,526 | 3,591 | 3,723 | 3,935 | 3,953 | 4,018 | 4,229 | 4,364 | 4,284 | 4,534 | 4,689 | 4,549 | 4,728 | 87,427 | total |

Causal agents (middle) of fatal and non-fatal accidents in general restaurant in 1999-2021

| Causal (M) agents | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Causal (M) agents |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------------------------|
| engine | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | engine |
| power transmission mechanism | 2 | 1 | | 2 | 1 | 1 | 3 | 1 | | 1 | 2 | 1 | | 2 | | 2 | 1 | 4 | | | 1 | | | 25 | power transmission mechanism |
| woodworking machine | 1 | 2 | 2 | | 1 | | 3 | | | 2 | | 3 | 5 | 2 | 3 | | 5 | 1 | 1 | 2 | 2 | | 3 | 38 | woodworking machine |
| construction machine | 1 | | 2 | | | | | | | | 2 | 1 | | | 1 | | 1 | | | | 1 | | | 9 | construction machine |
| metal manufacturing machine | 9 | 2 | 4 | 1 | 2 | | 2 | | 1 | | | 2 | | 2 | | 1 | | 1 | | | | | | 27 | metal manufacturing machine |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------------------------------------|-----------------------------|
| general machine | 218 | 228 | 244 | 222 | 228 | 211 | 238 | 218 | 206 | 234 | 217 | 213 | 250 | 224 | 237 | 244 | 255 | 248 | 232 | 244 | 248 | 233 | 203 | 5,295 | general machine | |
| mobile silviculture machine | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | mobile silviculture machine |
| crane | 6 | 5 | 2 | 10 | 4 | 3 | 4 | 10 | 5 | 5 | 2 | 2 | 2 | 5 | 5 | 3 | 2 | | 5 | 4 | 7 | 5 | 1 | 97 | crane | |
| conveying machine | 9 | 9 | 12 | 14 | 16 | 22 | 9 | 8 | 12 | 11 | 7 | 5 | 25 | 17 | 18 | 14 | 9 | 15 | 8 | 18 | 9 | 15 | 8 | 290 | conveying machine | |
| vehicle | 94 | 87 | 122 | 112 | 113 | 130 | 112 | 117 | 126 | 129 | 128 | 129 | 140 | 144 | 161 | 130 | 148 | 160 | 156 | 179 | 173 | 247 | 292 | 3,329 | vehicle | |
| pressure vessel | 5 | 2 | 5 | 12 | 7 | 4 | 4 | 4 | 8 | 13 | 4 | 4 | 11 | 3 | 6 | 9 | 7 | 14 | 8 | 6 | 6 | 5 | 2 | 149 | pressure vessel | |
| chemical facilities | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | 4 | chemical facilities | |
| welding equipment | | | | | | | | | | | | | | | | | | 1 | | | 1 | | 1 | 3 | welding equipment | |
| kiln, caldron | 10 | 12 | 18 | 16 | 34 | 32 | 25 | 33 | 27 | 24 | 41 | 33 | 24 | 37 | 27 | 21 | 30 | 23 | 40 | 40 | 56 | 27 | 50 | 680 | kiln, caldron | |
| electric equipment | 8 | 7 | 7 | 3 | 7 | 5 | 6 | 7 | 5 | 8 | 5 | 5 | 8 | 12 | 14 | 7 | 8 | 7 | 12 | 8 | 10 | 8 | 14 | 181 | electric equipment | |
| human power machine, tools | 521 | 504 | 592 | 557 | 546 | 509 | 522 | 503 | 531 | 461 | 408 | 443 | 411 | 578 | 552 | 504 | 570 | 523 | 492 | 583 | 563 | 556 | 559 | 11,988 | human power machine, tools | |
| tools | 250 | 243 | 283 | 299 | 368 | 340 | 341 | 355 | 382 | 412 | 376 | 363 | 424 | 414 | 446 | 420 | 507 | 523 | 568 | 571 | 602 | 576 | 529 | 9,592 | tools | |
| other equipments, facilities | 170 | 189 | 230 | 203 | 189 | 215 | 223 | 202 | 222 | 257 | 272 | 309 | 278 | 289 | 294 | 326 | 331 | 378 | 297 | 369 | 347 | 348 | 389 | 6,327 | other equipments, facilities | |
| temporary buildings, establishments | 806 | 796 | 903 | 879 | 918 | 956 | 983 | 972 | 1,072 | 1,063 | 1,109 | 1,098 | 1,118 | 1,095 | 1,163 | 1,219 | 1,248 | 1,359 | 1,398 | 1,444 | 1,484 | 1,424 | 1,390 | 25,897 | temporary buildings, establishments | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------------------------|
| hazards, harmful substances | 85 | 104 | 126 | 118 | 151 | 120 | 149 | 123 | 135 | 114 | 110 | 105 | 150 | 139 | 117 | 152 | 132 | 157 | 134 | 122 | 145 | 97 | 103 | 2,888 | hazards, harmful substances |
| materials | 268 | 240 | 262 | 292 | 288 | 279 | 281 | 342 | 302 | 297 | 340 | 309 | 297 | 386 | 343 | 333 | 338 | 311 | 278 | 266 | 299 | 239 | 231 | 6,821 | materials |
| load | 104 | 118 | 144 | 133 | 142 | 117 | 124 | 160 | 157 | 131 | 143 | 171 | 150 | 154 | 147 | 158 | 177 | 204 | 172 | 156 | 182 | 179 | 193 | 3,516 | load |
| natural environment | 70 | 90 | 121 | 76 | 85 | 101 | 89 | 87 | 93 | 77 | 91 | 100 | 103 | 110 | 119 | 149 | 110 | 81 | 99 | 150 | 134 | 157 | 122 | 2,414 | natural environment |
| other causal agent | 221 | 223 | 172 | 213 | 190 | 186 | 140 | 157 | 143 | 158 | 136 | 136 | 179 | 138 | 148 | 151 | 176 | 182 | 216 | 172 | 192 | 197 | 409 | 4,235 | other causal agent |
| no causal agent | 110 | 76 | 96 | 148 | 89 | 108 | 113 | 97 | 136 | 124 | 118 | 146 | 138 | 173 | 138 | 160 | 156 | 162 | 156 | 191 | 218 | 233 | 222 | 3,308 | no causal agent |
| unclassifiable | 30 | 17 | 17 | 18 | 17 | 18 | 16 | 7 | 13 | 19 | 15 | 13 | 10 | 11 | 14 | 14 | 18 | 9 | 11 | 8 | 8 | 3 | 6 | 312 | unclassifiable |
| total | 2,998 | 2,955 | 3,364 | 3,328 | 3,396 | 3,357 | 3,387 | 3,403 | 3,576 | 3,540 | 3,526 | 3,591 | 3,723 | 3,935 | 3,953 | 4,018 | 4,229 | 4,364 | 4,284 | 4,534 | 4,689 | 4,549 | 4,728 | 87,427 | total |

Causal agents (small) of fatal and non-fatal accidents in general restaurant in 1999-2021

| Causal (S) agents | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Causal (S) agents |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------------------------|
| engine | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | engine |
| power transmission mechanism | | | | | 1 | | 3 | 1 | | 1 | 2 | 1 | | 2 | | 2 | 1 | 4 | | | 1 | | | 19 | power transmission mechanism |
| circular sawing machine | | | 1 | | | | 1 | | | 1 | | | 3 | | 1 | | 3 | | 1 | 1 | | | 3 | 15 | circular sawing machine |
| band sawing machine | | | | | | | | | | | | | | | | | | | | | | | | | band sawing machine |
| wood planer machine | | | 1 | | | | | | | 1 | | 3 | | | | | 1 | | | | | | | 6 | wood planer machine |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|---|----|---|---|---|---|---|---|----|----|----|---|---|----|---|---|---|----|---|-----|---|----------------|--|
| machine | | | | | | | | | | | | | | | | | | | | | | | | | machine |
| other mobile silviculture machine | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | other mobile silviculture machine |
| crane | | | | | | | | | | | | | | | | | | | | | | | | | crane |
| mobile crane | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | mobile crane |
| derrick crane | | | | | | | | | | | | | | | | | | | | | | | | | derrick crane |
| elevator, lift | | | 2 | 3 | 4 | 9 | 4 | 5 | 2 | 2 | 2 | 4 | 5 | 3 | 2 | | 5 | 4 | 6 | 5 | 1 | 68 | | elevator, lift | |
| cargo lifting appliance | | | | | | | | | | | | | | | | | | | | | | | | | cargo lifting appliance |
| gondola | | | | | | | | | | | | | | | | | | | | | | | | | gondola |
| lumberyard equipment, logging cableway | | | | | | | | | | | | | | | | | | | | | | | | | lumberyard equipment, logging cableway |
| simple skyline yarding equipment | | | | | | | | | | | | | | | | | | | | | | | | | simple skyline yarding equipment |
| other powered crane | | | | 1 | | | 1 | | | | | 1 | | | | | | | 1 | | | | 4 | | other powered crane |
| truck | | | 5 | 10 | 5 | 7 | 6 | 8 | 5 | 3 | 13 | 13 | 10 | 9 | 7 | 12 | 3 | 8 | 7 | 12 | 4 | 147 | | truck | |
| forklift | | | 1 | | | | | | | | 1 | 1 | | | 1 | | | | 1 | 1 | | 6 | | forklift | |
| railway equipment | | | | | | | | | | | | | | | | | | | | | | | | | railway equipment |
| conveyor | | | 4 | 4 | 2 | 1 | 5 | 3 | 2 | 1 | 8 | 2 | 4 | 4 | | 3 | 3 | 8 | | 1 | 3 | 58 | | conveyor | |
| loader | | | | | | | | | | | | | | | | | | | | | | | | | loader |
| straddle carrier | | | | | | | | | | | | | | | | | | | | | | | | | straddle carrier |
| rough terrain hauler | | | | | | | | | | | | | | | | | | | | | | | | | rough terrain hauler |
| other powered | | | 2 | 2 | 2 | | 1 | | | 1 | 3 | 1 | 4 | 1 | 1 | | 2 | 2 | 1 | 1 | 1 | 25 | | other powered | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--|--|-----|--|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----------------------------|
| conveying machines | | | | | | | | | | | | | | | | | | | | | | | | | conveying machines |
| cars, bus, motorcycle | | | 108 | | 104 | | 104 | 113 | 119 | 123 | 123 | 123 | 137 | 136 | 153 | 126 | 144 | 158 | 152 | 176 | 172 | 244 | 291 | 2,806 | cars, bus, motorcycle |
| railway vehicle | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | 2 | railway vehicle |
| other vehicles | | | 14 | | 9 | | 7 | 4 | 7 | 6 | 5 | 6 | 3 | 8 | 8 | 3 | 4 | 2 | 4 | 3 | 1 | 3 | 1 | 98 | other vehicles |
| boiler | | | | | | | | | | | | 1 | | | | 2 | | 1 | | 1 | | | | 5 | boiler |
| pressure vessel | | | | | 2 | | 1 | | | 1 | | 1 | 2 | | | | 1 | 2 | 3 | 2 | | 1 | | 16 | pressure vessel |
| other pressure vessels | | | 5 | | 5 | | 3 | 4 | 8 | 12 | 4 | 3 | 8 | 3 | 6 | 7 | 6 | 11 | 5 | 3 | 6 | 4 | 2 | 105 | other pressure vessels |
| chemical facilities | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | 4 | chemical facilities |
| gas welding equipment | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 | gas welding equipment |
| arc welding equipment | | | | | | | | | | | | | | | | | | | | | | | | | arc welding equipment |
| other welding equipment | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 2 | other welding equipment |
| kiln, caldron | | | 12 | | 26 | | 23 | 29 | 24 | 17 | 35 | 30 | 22 | 32 | 24 | 18 | 20 | 20 | 34 | 38 | 51 | 26 | 43 | 524 | kiln, caldron |
| industrial dryer | | | | | | | 1 | | | | 1 | | | | | | | | 1 | 1 | 1 | | | 5 | industrial dryer |
| other kiln, caldron | | | 6 | | 8 | | 2 | 3 | 3 | 7 | 5 | 3 | 2 | 5 | 3 | 3 | 10 | 3 | 5 | 1 | 4 | 1 | 7 | 81 | other kiln, caldron |
| transmission | | | 1 | | | | 2 | 4 | | 2 | 1 | | 3 | 4 | 3 | | 2 | 2 | 1 | 4 | 4 | 1 | 2 | 36 | transmission |
| electric power facilities | | | 1 | | | | 1 | | | | | | | 1 | 1 | | | | 1 | | | | | 5 | electric power facilities |
| other electrical equipment | | | 5 | | 7 | | 4 | 2 | 5 | 6 | 4 | 5 | 5 | 7 | 10 | 7 | 6 | 5 | 10 | 4 | 6 | 7 | 12 | 117 | other electrical equipment |
| human power | | | | | 1 | | | | | | 1 | | | | | 1 | | | | 1 | 4 | 6 | 6 | 20 | human power |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|-----|--|-----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------|---|
| cranes | | | | | | | | | | | | | | | | | | | | | | | | | cranes |
| human power hauling equipment | | | 28 | | 32 | | 36 | 43 | 39 | 33 | 45 | 50 | 52 | 74 | 58 | 52 | 48 | 62 | 53 | 67 | 63 | 79 | 84 | 998 | human power hauling equipment |
| human power machine | | | 3 | | 3 | | 1 | 1 | 1 | 3 | 1 | 1 | 2 | 2 | 3 | 2 | 2 | 1 | | 3 | 3 | 2 | 2 | 36 | human power machine |
| hand tool | | | 561 | | 510 | | 485 | 459 | 491 | 425 | 361 | 392 | 357 | 502 | 491 | 450 | 519 | 460 | 439 | 512 | 493 | 469 | 467 | 8,843 | hand tool |
| ladder | | | 50 | | 62 | | 51 | 66 | 55 | 57 | 72 | 65 | 93 | 62 | 78 | 62 | 81 | 85 | 95 | 84 | 100 | 108 | 88 | 1,414 | ladder |
| slinging tool | | | | | 1 | | | 1 | | | | 1 | | | | | 1 | | 2 | | | | 6 | slinging tool | |
| other tools | | | 233 | | 305 | | 290 | 288 | 327 | 355 | 304 | 297 | 331 | 352 | 368 | 358 | 426 | 437 | 473 | 485 | 502 | 468 | 441 | 7,040 | other tools |
| other equipment, facilities | | | 230 | | 189 | | 223 | 202 | 222 | 257 | 272 | 309 | 278 | 289 | 294 | 326 | 331 | 378 | 297 | 369 | 347 | 348 | 389 | 5,550 | other equipment, facilities |
| scaffolding | | | | | 5 | | 1 | | 2 | | 2 | | 2 | 1 | 2 | 1 | 1 | 2 | 1 | | | | 1 | 21 | scaffolding |
| timbering | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 2 | timbering |
| stairs, landing stage | | | 139 | | 139 | | 126 | 138 | 155 | 183 | 154 | 140 | 157 | 138 | 138 | 154 | 154 | 187 | 186 | 210 | 213 | 214 | 198 | 3,123 | stairs, landing stage |
| opening | | | 11 | | 7 | | 9 | 7 | 6 | 7 | 12 | 7 | 7 | 18 | 10 | 13 | 13 | 16 | 17 | 15 | 19 | 17 | 16 | 227 | opening |
| roof, beam, haze, crossbeam, principal rafter | | | 4 | | 3 | | 4 | 3 | 6 | 3 | 1 | 6 | 3 | 3 | 3 | 5 | 1 | 4 | | 4 | 1 | 4 | 2 | 60 | roof, beam, haze, crossbeam, principal rafter |
| working platform, boot board | | | 188 | | 178 | | 153 | 167 | 193 | 198 | 207 | 194 | 186 | 157 | 194 | 188 | 238 | 205 | 213 | 266 | 204 | 208 | 157 | 3,694 | working platform, boot board |
| passage | | | 402 | | 413 | | 484 | 490 | 532 | 488 | 496 | 556 | 525 | 537 | 575 | 630 | 612 | 657 | 708 | 696 | 793 | 713 | 788 | 11,095 | passage |
| building, establishment | | | 104 | | 109 | | 118 | 104 | 110 | 134 | 155 | 124 | 170 | 160 | 150 | 130 | 140 | 156 | 170 | 147 | 134 | 148 | 134 | 2,597 | building, establishment |
| other temporary buildings, establishments | | | 55 | | 64 | | 88 | 63 | 68 | 50 | 82 | 71 | 68 | 81 | 91 | 98 | 89 | 132 | 103 | 105 | 120 | 120 | 93 | 1,641 | other temporary buildings, establishments |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--|--|-----|--|-----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|-----------------------------------|
| explosive substance | | | | | | | | 2 | | 2 | 2 | | 2 | 1 | | | 1 | 1 | 1 | 3 | 1 | | 16 | explosive substance | |
| inflammable substance | | | 22 | | 19 | | 23 | 22 | 20 | 16 | 13 | 17 | 14 | 21 | 18 | 30 | 14 | 13 | 9 | 19 | 13 | 13 | 12 | 328 | inflammable substance |
| inflammable gas | | | 14 | | 18 | | 8 | 12 | 13 | 22 | 12 | 9 | 14 | 9 | 10 | 15 | 11 | 26 | 13 | 12 | 15 | 7 | 9 | 249 | inflammable gas |
| harmful substance | | | 8 | | 7 | | 10 | 14 | 9 | 10 | 6 | 10 | 10 | 14 | 13 | 3 | 19 | 11 | 14 | 10 | 8 | 4 | 2 | 182 | harmful substance |
| radiation | | | | | | | | | | | | | | | | | | | | | | | | | radiation |
| other hazards, harmful substances | | | 82 | | 107 | | 108 | 75 | 91 | 66 | 77 | 67 | 112 | 93 | 75 | 104 | 88 | 106 | 97 | 80 | 106 | 72 | 80 | 1,686 | other hazards, harmful substances |
| metal material | | | 31 | | 31 | | 35 | 34 | 37 | 28 | 39 | 41 | 30 | 59 | 35 | 39 | 34 | 47 | 36 | 31 | 34 | 20 | 28 | 669 | metal material |
| lumber, bamboo | | | 5 | | 4 | | 6 | 10 | 3 | 10 | 9 | 5 | 9 | 7 | 8 | 9 | 2 | 3 | 6 | 8 | 9 | 7 | 6 | 126 | lumber, bamboo |
| stone, sand, substance | | | 1 | | | | 2 | 1 | | 1 | 2 | 3 | 2 | 1 | 1 | 3 | 1 | 3 | 2 | 2 | 3 | 1 | 1 | 30 | stone, sand, substance |
| other materials | | | 225 | | 253 | | 238 | 297 | 262 | 258 | 290 | 260 | 256 | 319 | 299 | 282 | 301 | 258 | 234 | 225 | 253 | 211 | 196 | 4,917 | other materials |
| load | | | 135 | | 137 | | 120 | 153 | 155 | 129 | 138 | 162 | 147 | 147 | 142 | 154 | 171 | 198 | 169 | 153 | 178 | 173 | 191 | 2,952 | load |
| machine/equipment as load | | | 9 | | 5 | | 4 | 7 | 2 | 2 | 5 | 9 | 3 | 7 | 5 | 4 | 6 | 6 | 3 | 3 | 4 | 6 | 2 | 92 | machine/equipment as load |
| natural ground, rock | | | 7 | | 2 | | 2 | 2 | 3 | 2 | 4 | 4 | 1 | 1 | 2 | | 1 | 2 | | 2 | 2 | 1 | 1 | 39 | natural ground, rock |
| standing tree | | | | | | | | | | 1 | 2 | 3 | | | | 2 | 3 | | 2 | 1 | 1 | 3 | 2 | 20 | standing tree |
| water | | | 13 | | 16 | | 17 | 18 | 27 | 16 | 22 | 13 | 19 | 11 | 24 | 21 | 17 | 10 | 9 | 29 | 25 | 40 | 17 | 364 | water |
| abnormal environment | | | 1 | | 3 | | 1 | 1 | | 1 | | | 1 | | | | 1 | | 1 | 1 | | | 1 | 12 | abnormal environment |
| high/cold temperature environment | | | 61 | | 41 | | 33 | 35 | 36 | 33 | 36 | 38 | 47 | 62 | 41 | 71 | 47 | 28 | 42 | 58 | 68 | 67 | 61 | 905 | high/cold temperature environment |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|--|-------|--|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------------------|
| other environments | | | 39 | | 23 | | 36 | 31 | 27 | 24 | 27 | 42 | 35 | 36 | 52 | 55 | 41 | 41 | 45 | 59 | 38 | 46 | 40 | 737 | other environments |
| other causal agent | | | 172 | | 190 | | 140 | 157 | 143 | 158 | 136 | 136 | 179 | 138 | 148 | 151 | 176 | 182 | 216 | 172 | 192 | 197 | 409 | 3,392 | other causal agent |
| no causal agent | | | 96 | | 89 | | 113 | 97 | 136 | 124 | 118 | 146 | 138 | 173 | 138 | 160 | 156 | 162 | 156 | 191 | 218 | 233 | 222 | 2,866 | no causal agent |
| unclassifiable | | | 17 | | 17 | | 16 | 7 | 13 | 19 | 15 | 13 | 10 | 11 | 14 | 14 | 18 | 9 | 11 | 8 | 8 | 3 | 6 | 229 | unclassifiable |
| total | | | 3,364 | | 3,396 | | 3,387 | 3,403 | 3,576 | 3,540 | 3,526 | 3,591 | 3,723 | 3,935 | 3,953 | 4,018 | 4,229 | 4,364 | 4,284 | 4,534 | 4,689 | 4,549 | 4,728 | 74,789 | total |

Workers age of fatal and non-fatal accidents in general restaurant in 1999-2021

| Age | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Age |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|----------------------|
| 19 years old or less | 455 | 406 | 467 | 441 | 490 | 408 | 456 | 441 | 429 | 399 | 348 | 411 | 388 | 502 | 515 | 560 | 608 | 568 | 496 | 641 | 656 | 583 | 566 | 11,234 | 19 years old or less |
| 20-29 | 881 | 864 | 964 | 924 | 1,036 | 1,021 | 928 | 863 | 868 | 837 | 837 | 895 | 873 | 972 | 952 | 923 | 947 | 932 | 928 | 957 | 945 | 943 | 1,084 | 21,374 | 20-29 |
| 30-39 | 355 | 412 | 513 | 491 | 506 | 502 | 510 | 586 | 542 | 606 | 601 | 631 | 644 | 608 | 639 | 589 | 614 | 638 | 582 | 573 | 564 | 556 | 522 | 12,784 | 30-39 |
| 40-49 | 446 | 424 | 498 | 524 | 479 | 479 | 484 | 474 | 543 | 534 | 547 | 568 | 577 | 687 | 623 | 691 | 740 | 750 | 756 | 746 | 807 | 780 | 820 | 13,977 | 40-49 |
| 50-59 | 596 | 610 | 665 | 649 | 613 | 639 | 699 | 690 | 777 | 720 | 716 | 598 | 651 | 598 | 657 | 645 | 656 | 722 | 724 | 753 | 855 | 812 | 840 | 15,885 | 50-59 |
| 60 years old or more | 265 | 239 | 257 | 299 | 272 | 308 | 310 | 349 | 417 | 444 | 477 | 488 | 590 | 568 | 567 | 610 | 664 | 754 | 798 | 864 | 862 | 875 | 896 | 12,173 | 60 years old or more |
| total | 2,998 | 2,955 | 3,364 | 3,328 | 3,396 | 3,357 | 3,387 | 3,403 | 3,576 | 3,540 | 3,526 | 3,591 | 3,723 | 3,935 | 3,953 | 4,018 | 4,229 | 4,364 | 4,284 | 4,534 | 4,689 | 4,549 | 4,728 | 87,427 | total |

Workers' number of workplace of fatal and non-fatal accidents in general restaurant in 1999-2021

| 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 | total | Workers scale |
|-------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------------------|
| 9 workers or less | 669 | 679 | 767 | 712 | 731 | 680 | 672 | 678 | 702 | 737 | 752 | 757 | 754 | 736 | 702 | 712 | 766 | 747 | 810 | 751 | 768 | 773 | 858 | 16,913 | 9 workers or less |
| 10-29 | 963 | 959 | 1,125 | 1,198 | 1,284 | 1,288 | 1,329 | 1,384 | 1,476 | 1,421 | 1,422 | 1,515 | 1,670 | 1,730 | 1,716 | 1,775 | 1,819 | 1,899 | 1,824 | 1,951 | 1,889 | 1,813 | 1,812 | 35,262 | 10-29 |
| 30-49 | 885 | 888 | 1,067 | 1,033 | 1,022 | 1,021 | 1,020 | 988 | 1,011 | 1,023 | 918 | 900 | 855 | 1,016 | 957 | 976 | 1,028 | 1,140 | 1,110 | 1,220 | 1,338 | 1,281 | 1,292 | 23,989 | 30-49 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|--------------------|---------------------|
| load | | | | | | | | | | | | | | | | | | | | | | | | load | |
| natural environment | 1 | | | | | | | | 1 | | | | 8 | 1 | | | | | | | | 1 | | 12 | natural environment |
| other causal agent | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | other causal agent | |
| no causal agent | 1 | | | | 1 | | | | 1 | 1 | 3 | 1 | 2 | 2 | | 2 | | | 2 | | | 2 | | 18 | no causal agent |
| unclassifiable | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | 2 | unclassifiable |
| total | 9 | 1 | 7 | 5 | 4 | 1 | 4 | 7 | 6 | 6 | 5 | 2 | 13 | 7 | 2 | 4 | 1 | 1 | 7 | 4 | 2 | 6 | 6 | 110 | total |

Causal agents (small) of fatal accidents in general restaurant in 1999-2021

| Causal (S) agents | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Causal (S) agents | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------------------|---|
| engine | | | | | | | | | | | | | | | | | | | | | | | | | | engine |
| power transmission mechanism | | | | | | | | | | | | | | | | | | | | | | | | | | power transmission mechanism |
| circular sawing machine | | | | | | | | | | | | | | | | | | | | | | | | | | circular sawing machine |
| band sawing machine | | | | | | | | | | | | | | | | | | | | | | | | | | band sawing machine |
| wood planer machine | | | | | | | | | | | | | | | | | | | | | | | | | | wood planer machine |
| hollow chisel mortiser, wood borer | | | | | | | | | | | | | | | | | | | | | | | | | | hollow chisel mortiser, wood borer |
| chamfering machine, router, woodworking milling machine | | | | | | | | | | | | | | | | | | | | | | | | | | chamfering machine, router, woodworking |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|----|-----------|----------|
| January | 1 | | 2 | 2 | | | | | | 1 | | | | | | | 1 | | | | 2 | | 9 | January | |
| February | 1 | 1 | | | 1 | | | | 1 | 1 | | | | | | | | 1 | | | | | 6 | February | |
| March | | | | | 1 | 1 | | | | 1 | | 10 | 1 | | 1 | | | 1 | | | | | 16 | March | |
| April | | | | 1 | | | | | 1 | 1 | | 1 | 1 | | 1 | | | 1 | 1 | 1 | | 2 | 11 | April | |
| May | 1 | | | | 1 | | 1 | | | 1 | 1 | | 1 | 1 | | | | | 1 | | 1 | | 9 | May | |
| June | 1 | | 1 | | | | 2 | 2 | | 1 | | 1 | | | | | | | | | | 1 | 9 | June | |
| July | 1 | | 2 | | | | | 1 | | | | | 1 | | | | | 1 | 1 | | | | 7 | July | |
| August | 1 | | | | | | | | 3 | | | | 1 | 1 | | | | | | 1 | | 1 | 8 | August | |
| September | | | | | | | | 1 | | 1 | | | | 2 | | 1 | 1 | | 1 | | | | 7 | September | |
| October | | | 1 | 2 | | | | 1 | 1 | 2 | | | 1 | | | 1 | | | 1 | | | 2 | 12 | October | |
| November | 1 | | | | | | | 2 | | | | 1 | | | | | | 1 | 1 | | | | 6 | November | |
| December | 2 | | 1 | | 1 | | 1 | | | | | | 1 | 1 | | | | | | | | 1 | 2 | 10 | December |
| total | 9 | 1 | 7 | 5 | 4 | 1 | 4 | 7 | 6 | 6 | 5 | 2 | 13 | 7 | 2 | 4 | 1 | 1 | 7 | 4 | 2 | 6 | 6 | 110 | total |

Prefecture of fatal accidents in general restaurant in 1999-2021

| Prefecture | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Prefecture | |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|-----------|
| Hokkaido | | | 1 | | | | | 1 | | | | | 1 | | 1 | | | | 1 | | | 1 | 1 | 7 | Hokkaido | |
| Aomori | | | | | | | | | | | | | | | | | | | | | | | | | | Aomori |
| Iwate | | | | | | | | | | | | | 3 | | | | | | | | | | | | 3 | Iwate |
| Miyagi | | | | | | | | | | | | | 5 | 1 | | | | | | | | | | | 6 | Miyagi |
| Akita | | | | | | | | | | | | | | | | | | | | | | | | | | Akita |
| Yamagata | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | Yamagata |
| Fukushima | | | | | 1 | | | | | | | | | | | | | | | | | 1 | | | 2 | Fukushima |
| Ibaraki | | | 1 | | | | | | 1 | | | | | | | | | | | | | | | | 2 | Ibaraki |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|-----|-------|---------|-----------|
| Okayama | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | Okayama | |
| Hiroshima | | | | | | | | | | | | | | | | | | | | | | | | | | | Hiroshima |
| Yamaguchi | | | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 | Yamaguchi |
| Tokushima | | | | | | | | | | | | | | | | | | | | | | | | | | | Tokushima |
| Kagawa | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | Kagawa |
| Ehime | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | 2 | Ehime |
| Kochi | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | Kochi |
| Fukuoka | 2 | | | | | 1 | 1 | | | | | | 1 | | | | | | | | | | | | | 5 | Fukuoka |
| Saga | | | | | | | | | | | | | | | | | | | | | | | | | | | Saga |
| Nagasaki | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | Nagasaki |
| Kumamoto | | | | | | | | | 1 | 1 | | | 1 | | | | | | | | | | | | | 3 | Kumamoto |
| Oita | | | | | | | | | 2 | | | | | | | | | | | | | | | | | 2 | Oita |
| Miyazaki | | | | | | | | | | | | | | | | | | | | | | | | | | | Miyazaki |
| Kagoshima | | | | | | | | | 1 | | | | | | | 2 | | | | | | | | | | 3 | Kagoshima |
| Okinawa | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | Okinawa |
| total | 9 | 1 | 7 | 5 | 4 | 1 | 4 | 7 | 6 | 6 | 5 | 2 | 13 | 7 | 2 | 4 | 1 | 1 | 7 | 4 | 2 | 6 | 6 | 110 | total | | |

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

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