

Industrial accidents in golf course in Japan in 1999-2020

golf course industry Code No.140301

Type of accidents in golf course in 1999-2020

| 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 |
|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| fall from height | 175 | 145 | 165 | 130 | 147 | 152 | 131 | 146 | 126 | 137 | 133 | 111 | 121 | 120 | 104 | 116 | 117 | 115 | 119 | 110 | 112 | 98 |
| falling to same level | 596 | 567 | 525 | 485 | 543 | 504 | 489 | 547 | 486 | 515 | 479 | 448 | 442 | 447 | 422 | 392 | 416 | 369 | 352 | 421 | 387 | 355 |
| crash | 115 | 84 | 74 | 68 | 65 | 66 | 64 | 99 | 86 | 66 | 75 | 65 | 65 | 61 | 61 | 74 | 49 | 64 | 57 | 60 | 59 | 59 |
| struck by flying or falling object | 228 | 226 | 211 | 154 | 165 | 154 | 136 | 148 | 160 | 126 | 118 | 115 | 94 | 80 | 96 | 95 | 75 | 83 | 77 | 80 | 58 | 44 |
| collapse | 6 | 4 | 4 | 7 | 8 | 6 | 9 | 5 | 6 | 6 | 9 | 5 | 3 | 9 | 3 | 3 | 14 | 5 | 5 | 3 | 3 | 7 |
| crashed by | 145 | 158 | 147 | 138 | 143 | 143 | 121 | 124 | 114 | 104 | 78 | 77 | 94 | 81 | 108 | 79 | 72 | 68 | 69 | 68 | 67 | 46 |
| caught in/between | 108 | 113 | 84 | 92 | 78 | 87 | 66 | 81 | 72 | 67 | 76 | 70 | 63 | 56 | 47 | 48 | 54 | 49 | 43 | 61 | 54 | 29 |
| cut | 56 | 53 | 64 | 63 | 66 | 49 | 44 | 64 | 65 | 52 | 57 | 45 | 45 | 51 | 42 | 47 | 47 | 39 | 39 | 39 | 49 | 29 |
| injury to the sole of the foot | 3 | 1 | 1 | 1 | 2 | 4 | 5 | 1 | 1 | 4 | 4 | 2 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 3 |
| drown | 1 | 0 | 0 | - | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

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|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-----|
| contact to high/low-temperature | 8 | 6 | 6 | 17 | 7 | 15 | 12 | 10 | 12 | 15 | 14 | 13 | 10 | 12 | 14 | 19 | 18 | 10 | 7 | 43 | 23 | 25 |
| contact to harmful substance | 1 | 1 | 1 | - | 1 | 1 | 1 | 0 | 4 | 0 | 0 | 1 | 3 | 2 | 2 | 0 | 0 | 2 | 3 | 0 | 0 | 1 |
| electric shock | 0 | 0 | 0 | - | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| explosion | 0 | 0 | 3 | 2 | 0 | - | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| burst | 1 | 0 | 1 | 1 | 0 | - | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| fire | 0 | 0 | 0 | - | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| traffic accident (public road) | 16 | 12 | 10 | 8 | 9 | 10 | 8 | 13 | 9 | 8 | 5 | 8 | 4 | 9 | 4 | 6 | 15 | 7 | 12 | 5 | 6 | 4 |
| traffic accident (others) | 12 | 8 | 6 | 4 | 2 | 3 | 5 | 2 | 1 | 6 | 4 | 7 | 6 | 4 | 1 | 8 | 7 | 1 | 3 | 6 | 1 | 2 |
| reaction to motion/improper motion | 244 | 263 | 252 | 221 | 194 | 215 | 190 | 207 | 219 | 197 | 192 | 201 | 199 | 212 | 191 | 198 | 175 | 168 | 185 | 192 | 187 | 166 |
| others | 21 | 16 | 19 | 12 | 16 | 15 | 6 | 13 | 15 | 16 | 15 | 12 | 7 | 15 | 9 | 14 | 8 | 15 | 12 | 12 | 13 | 6 |
| unclassifiable | 4 | 4 | 6 | 2 | 2 | 8 | 3 | 3 | 1 | 3 | 0 | 4 | 1 | 4 | 2 | 2 | 3 | 1 | 0 | 3 | 1 | 2 |
| total | 1,740 | 1,661 | 1,579 | 1,405 | 1,449 | 1,435 | 1,290 | 1,465 | 1,379 | 1,324 | 1,261 | 1,187 | 1,158 | 1,167 | 1,107 | 1,103 | 1,071 | 997 | 987 | 1,105 | 1,021 | 879 |

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|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| conveying machine | 152 | 144 | 116 | 101 | 110 | 101 | 92 | 124 | 85 | 96 | 84 | 83 | 60 | 62 | 67 | 71 | 72 | 55 | 67 | 66 | 63 | 57 |
| vehicle | 156 | 140 | 128 | 144 | 129 | 147 | 137 | 128 | 139 | 110 | 126 | 105 | 111 | 121 | 104 | 108 | 95 | 91 | 105 | 108 | 80 | 77 |
| pressure vessel | 0 | 0 | 0 | 1 | 1 | - | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| chemical facilities | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| welding equipment | 0 | 0 | 1 | - | 0 | - | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| kiln, caldron | 0 | 0 | 2 | - | 0 | - | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 |
| electric equipment | 0 | 1 | 1 | 4 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 2 | 1 |
| human power machine, tools | 33 | 41 | 27 | 24 | 27 | 31 | 25 | 38 | 30 | 31 | 21 | 22 | 18 | 18 | 20 | 20 | 24 | 17 | 20 | 17 | 26 | 15 |
| tools | 151 | 100 | 129 | 81 | 117 | 95 | 100 | 103 | 114 | 119 | 97 | 96 | 108 | 97 | 85 | 90 | 92 | 86 | 84 | 93 | 79 | 60 |
| other equipments, facilities | 13 | 17 | 26 | 16 | 17 | 13 | 10 | 17 | 16 | 23 | 18 | 22 | 21 | 18 | 10 | 17 | 18 | 27 | 8 | 13 | 19 | 14 |
| temporary buildings, establishments | 404 | 421 | 381 | 320 | 343 | 360 | 357 | 414 | 366 | 395 | 353 | 311 | 314 | 315 | 318 | 350 | 350 | 322 | 323 | 378 | 338 | 317 |
| hazards, harmful | 4 | 3 | 2 | 3 | 1 | 9 | 5 | 3 | 3 | 2 | 2 | 2 | 3 | 5 | 2 | 2 | 6 | 4 | 5 | 4 | 0 | 1 |

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|---|--|--|----|--|----|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| cranes | | | 2 | | 1 | | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 1 |
| human power hauling equipment | | | 3 | | 11 | | 2 | 11 | 5 | 7 | 8 | 3 | 6 | 6 | 8 | 6 | 11 | 5 | 7 | 7 | 8 | 8 |
| human power machine | | | 2 | | 3 | | 1 | 4 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 |
| hand tool | | | 20 | | 12 | | 21 | 23 | 22 | 22 | 12 | 16 | 10 | 11 | 11 | 12 | 13 | 11 | 13 | 10 | 14 | 5 |
| ladder | | | 42 | | 18 | | 25 | 35 | 34 | 35 | 27 | 22 | 35 | 36 | 20 | 39 | 30 | 24 | 29 | 24 | 25 | 19 |
| slinging tool | | | 0 | | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| other tools | | | 87 | | 98 | | 75 | 68 | 80 | 84 | 70 | 74 | 73 | 61 | 64 | 51 | 61 | 62 | 55 | 69 | 53 | 41 |
| other equipment, facilities | | | 26 | | 17 | | 10 | 17 | 16 | 23 | 18 | 22 | 21 | 18 | 10 | 17 | 18 | 27 | 8 | 13 | 19 | 14 |
| scaffolding | | | 1 | | 0 | | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| timbering | | | 0 | | 0 | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| stairs, landing stage | | | 48 | | 31 | | 34 | 42 | 46 | 46 | 31 | 32 | 32 | 34 | 25 | 34 | 37 | 44 | 33 | 36 | 32 | 19 |
| opening | | | 1 | | 1 | | 1 | 3 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 1 | 3 | 1 | 1 | 2 | 3 | 1 |
| roof, beam, haze, crossbeam, principal rafter | | | 0 | | 1 | | 2 | 4 | 4 | 4 | 6 | 2 | 2 | 3 | 1 | 2 | 4 | 0 | 1 | 1 | 1 | 2 |
| working platform, boot board | | | 62 | | 43 | | 60 | 48 | 58 | 66 | 68 | 43 | 35 | 57 | 53 | 52 | 52 | 47 | 70 | 80 | 52 | 33 |

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|---|--|--|-------|--|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-----|
| as load | | | 1 | | 3 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 0 | 0 |
| natural ground, rock | | | 172 | | 207 | | 123 | 134 | 138 | 146 | 148 | 150 | 140 | 130 | 110 | 86 | 82 | 79 | 96 | 50 | 75 | 65 |
| standing tree | | | 39 | | 41 | | 39 | 40 | 45 | 43 | 43 | 30 | 33 | 46 | 50 | 39 | 30 | 33 | 32 | 45 | 40 | 36 |
| water | | | 1 | | 5 | | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 5 | 1 | 2 | 1 | 2 | 1 | 1 | 1 |
| abnormal environment | | | 0 | | 0 | | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| high/cold temperature environment | | | 5 | | 2 | | 4 | 4 | 13 | 10 | 4 | 12 | 8 | 9 | 9 | 16 | 9 | 8 | 7 | 34 | 16 | 24 |
| other environments | | | 75 | | 60 | | 82 | 84 | 66 | 40 | 65 | 57 | 52 | 64 | 57 | 59 | 58 | 72 | 51 | 49 | 56 | 31 |
| other causal agent | | | 141 | | 100 | | 74 | 90 | 60 | 59 | 39 | 52 | 60 | 48 | 50 | 41 | 35 | 26 | 22 | 36 | 24 | 21 |
| no causal agent | | | 108 | | 85 | | 78 | 91 | 83 | 78 | 82 | 89 | 75 | 78 | 88 | 72 | 67 | 51 | 74 | 80 | 85 | 71 |
| unclassifiable | | | 17 | | 9 | | 5 | 4 | 5 | 8 | 6 | 7 | 4 | 7 | 3 | 5 | 0 | 2 | 2 | 2 | 0 | 1 |
| total | | | 1,579 | | 1,449 | | 1,290 | 1,465 | 1,379 | 1,324 | 1,261 | 1,187 | 1,158 | 1,167 | 1,107 | 1,103 | 1,071 | 997 | 987 | 1,105 | 1,021 | 879 |

Workers age of industrial accidents in golf course in 1999-2020

| Age | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 19 years old or | 23 | 24 | 19 | 25 | 27 | 25 | 18 | 24 | 27 | 14 | 16 | 12 | 31 | 32 | 40 | 27 | 30 | 27 | 18 | 34 | 11 | 20 |

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|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-----|
| less | | | | | | | | | | | | | | | | | | | | | | |
| 20-29 | 194 | 160 | 155 | 122 | 108 | 123 | 90 | 97 | 78 | 73 | 89 | 92 | 79 | 75 | 85 | 90 | 74 | 69 | 69 | 73 | 71 | 69 |
| 30-39 | 225 | 199 | 171 | 145 | 162 | 155 | 143 | 162 | 152 | 130 | 134 | 136 | 97 | 102 | 87 | 97 | 100 | 63 | 74 | 89 | 51 | 62 |
| 40-49 | 428 | 383 | 342 | 299 | 281 | 306 | 221 | 264 | 262 | 211 | 248 | 221 | 220 | 223 | 195 | 201 | 184 | 161 | 160 | 176 | 149 | 130 |
| 50-59 | 684 | 700 | 703 | 640 | 681 | 643 | 618 | 667 | 616 | 595 | 467 | 439 | 387 | 368 | 339 | 315 | 315 | 292 | 256 | 312 | 268 | 233 |
| 60 years old or more | 186 | 195 | 189 | 174 | 190 | 183 | 200 | 251 | 244 | 301 | 307 | 287 | 344 | 367 | 361 | 373 | 368 | 385 | 410 | 421 | 471 | 365 |
| total | 1,740 | 1,661 | 1,579 | 1,405 | 1,449 | 1,435 | 1,290 | 1,465 | 1,379 | 1,324 | 1,261 | 1,187 | 1,158 | 1,167 | 1,107 | 1,103 | 1,071 | 997 | 987 | 1,105 | 1,021 | 879 |

Workers' number of workplace of industrial accidents in golf course in 1999-2020

| Workers scale | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|------|
| 9 workers or less | 52 | 51 | 53 | 48 | 64 | 47 | 55 | 53 | 62 | 49 | 39 | 42 | 48 | 54 | 40 | 39 | 47 | 35 | 32 | 35 | 44 | 37 |
| 10-29 | 60 | 71 | 75 | 67 | 66 | 76 | 78 | 93 | 84 | 97 | 88 | 85 | 82 | 95 | 87 | 79 | 84 | 74 | 87 | 103 | 96 | 79 |
| 30-49 | 90 | 132 | 149 | 160 | 168 | 215 | 150 | 214 | 200 | 206 | 179 | 151 | 161 | 162 | 175 | 191 | 173 | 171 | 195 | 170 | 164 | 159 |
| 50-99 | 819 | 773 | 751 | 684 | 694 | 726 | 635 | 686 | 648 | 580 | 594 | 556 | 533 | 522 | 488 | 491 | 482 | 436 | 393 | 446 | 408 | 320 |
| 100-299 | 675 | 603 | 539 | 431 | 428 | 352 | 360 | 398 | 371 | 381 | 338 | 340 | 323 | 324 | 304 | 291 | 278 | 268 | 273 | 336 | 302 | 274 |
| 300 workers or more | 44 | 31 | 12 | 15 | 29 | 19 | 12 | 21 | 14 | 11 | 23 | 13 | 11 | 10 | 13 | 12 | 7 | 13 | 7 | 15 | 7 | 10 |
| total | 1,740 | 1,661 | 1,579 | 1,405 | 1,449 | 1,435 | 1,290 | 1,465 | 1,379 | 1,324 | 1,261 | 1,187 | 1,158 | 1,167 | 1,107 | 1,103 | 1,071 | 997 | 987 | 1,105 | 1,021 | 879 |

| Prefecture | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Hokkaido | 86 | 103 | 57 | | 59 | | 82 | 99 | 93 | 76 | 64 | 75 | 77 | 69 | 63 | 66 | 45 | 59 | 52 | 61 | 50 | 38 |
| Aomori | 4 | 10 | 8 | | 3 | | 8 | 3 | 2 | 5 | 4 | 7 | 6 | 3 | 5 | 4 | 3 | 2 | 3 | 2 | 5 | 5 |
| Iwate | 11 | 9 | 8 | | 10 | | 6 | 2 | 9 | 1 | 4 | 3 | 1 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 1 |
| Miyagi | 24 | 26 | 12 | | 19 | | 10 | 10 | 14 | 15 | 8 | 15 | 8 | 11 | 15 | 16 | 11 | 12 | 10 | 11 | 11 | 9 |
| Akita | 11 | 7 | 11 | | 5 | | 5 | 6 | 3 | 9 | 6 | 4 | 5 | 4 | 8 | 5 | 4 | 3 | 2 | 3 | 5 | 2 |
| Yamagata | 6 | 6 | 4 | | 4 | | 2 | 12 | 2 | 3 | 6 | 3 | 1 | 2 | 4 | 2 | 5 | 0 | 2 | 2 | 4 | 1 |
| Fukushima | 32 | 28 | 14 | | 20 | | 20 | 20 | 15 | 18 | 22 | 12 | 9 | 12 | 11 | 10 | 13 | 11 | 5 | 12 | 8 | 12 |
| Ibaraki | 102 | 81 | 74 | | 74 | | 60 | 57 | 67 | 50 | 66 | 54 | 58 | 59 | 43 | 52 | 47 | 61 | 51 | 53 | 60 | 37 |
| Tochigi | 80 | 70 | 66 | | 60 | | 59 | 50 | 40 | 40 | 53 | 48 | 37 | 40 | 39 | 29 | 39 | 33 | 44 | 42 | 43 | 34 |
| Gunma | 45 | 37 | 46 | | 31 | | 22 | 32 | 33 | 31 | 30 | 23 | 17 | 21 | 23 | 24 | 15 | 18 | 21 | 17 | 30 | 21 |
| Saitama | 64 | 60 | 52 | | 49 | | 54 | 54 | 71 | 57 | 54 | 62 | 49 | 60 | 64 | 74 | 70 | 47 | 47 | 71 | 62 | 62 |
| Chiba | 111 | 110 | 106 | | 84 | | 96 | 134 | 123 | 142 | 104 | 112 | 106 | 126 | 103 | 96 | 97 | 92 | 96 | 119 | 105 | 65 |
| Tokyo | 38 | 42 | 33 | | 33 | | 35 | 34 | 22 | 24 | 31 | 39 | 30 | 30 | 30 | 36 | 39 | 35 | 24 | 29 | 34 | 31 |
| Kanagawa | 103 | 81 | 75 | | 84 | | 86 | 79 | 80 | 89 | 75 | 70 | 77 | 75 | 60 | 64 | 62 | 58 | 65 | 79 | 58 | 69 |
| Niigata | 11 | 11 | 7 | | 12 | | 19 | 19 | 13 | 11 | 10 | 2 | 8 | 15 | 11 | 2 | 2 | 10 | 8 | 5 | 8 | 4 |
| Toyama | 15 | 14 | 12 | | 13 | | 13 | 13 | 8 | 13 | 6 | 15 | 9 | 10 | 10 | 0 | 3 | 9 | 10 | 10 | 9 | 6 |
| Ishikawa | 14 | 16 | 11 | | 11 | | 6 | 12 | 8 | 11 | 7 | 9 | 5 | 7 | 4 | 10 | 7 | 3 | 12 | 3 | 10 | 5 |
| Fukui | 4 | 8 | 7 | | 5 | | 5 | 9 | 4 | 2 | 3 | 4 | 5 | 6 | 6 | 1 | 5 | 4 | 3 | 4 | 0 | 4 |
| Yamanashi | 36 | 27 | 32 | | 23 | | 24 | 29 | 22 | 24 | 32 | 22 | 28 | 17 | 18 | 22 | 23 | 26 | 18 | 28 | 13 | 16 |

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|-----------|-------|-------|-------|--|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-----|
| Kochi | 18 | 11 | 14 | | 14 | | 7 | 15 | 12 | 12 | 9 | 15 | 15 | 9 | 8 | 11 | 12 | 12 | 5 | 5 | 10 | 4 |
| Fukuoka | 68 | 52 | 52 | | 57 | | 41 | 65 | 39 | 45 | 47 | 38 | 50 | 60 | 55 | 40 | 42 | 33 | 41 | 38 | 29 | 38 |
| Saga | 13 | 14 | 15 | | 11 | | 8 | 6 | 16 | 9 | 13 | 9 | 7 | 7 | 12 | 9 | 12 | 10 | 12 | 10 | 10 | 2 |
| Nagasaki | 14 | 9 | 13 | | 16 | | 11 | 18 | 12 | 12 | 10 | 4 | 9 | 11 | 4 | 5 | 4 | 7 | 6 | 7 | 8 | 7 |
| Kumamoto | 30 | 27 | 36 | | 25 | | 24 | 22 | 31 | 21 | 20 | 21 | 20 | 18 | 24 | 14 | 23 | 13 | 17 | 21 | 10 | 11 |
| Oita | 26 | 22 | 20 | | 11 | | 13 | 14 | 10 | 14 | 14 | 12 | 4 | 8 | 11 | 8 | 3 | 11 | 6 | 9 | 7 | 6 |
| Miyazaki | 25 | 17 | 12 | | 17 | | 15 | 28 | 19 | 14 | 12 | 15 | 15 | 15 | 10 | 16 | 19 | 9 | 10 | 17 | 11 | 13 |
| Kagoshima | 17 | 22 | 14 | | 24 | | 22 | 9 | 19 | 14 | 16 | 18 | 8 | 17 | 12 | 10 | 7 | 10 | 7 | 11 | 11 | 13 |
| Okinawa | 19 | 16 | 22 | | 20 | | 17 | 18 | 13 | 12 | 9 | 11 | 9 | 11 | 7 | 12 | 15 | 6 | 11 | 11 | 12 | 7 |
| total | 1,740 | 1,661 | 1,579 | | 1,449 | | 1,290 | 1,465 | 1,379 | 1,324 | 1,261 | 1,187 | 1,158 | 1,167 | 1,107 | 1,103 | 1,071 | 997 | 987 | 1,105 | 1,021 | 879 |

Industrial accidents mean fatal and non-fatal injuries with work absence of 4 days and more. 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/2020e_industry.html

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Fatal accidents in golf course in Japan in 1999-2020

golf course industry Code No.140301

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|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| explosion | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| burst | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| fire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| traffic accident (public road) | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| traffic accident (others) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| reaction to motion/improper motion | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| others | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| unclassifiable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 4 | 5 | 4 | 9 | 7 | 6 | 2 | 3 | 4 | 2 | 7 | 7 | 4 | 6 | 5 | 4 | 2 | 2 | 3 | 4 | 7 | 5 |

Causal agents (middle) of fatal accidents in golf course in 1999-2020

| 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 |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| engine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| power transmission mechanism | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| woodworking machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| construction machine | 0 | 0 | 2 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |

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|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| radiation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other hazards, harmful substances | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| metal material | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| lumber, bamboo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| stone, sand, substance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other materials | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| load | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| machine/equipment as load | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| natural ground, rock | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| standing tree | 1 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 2 | 1 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| water | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| abnormal environment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| high/cold temperature environment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| other environments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| other causal agent | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| no causal agent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| unclassifiable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

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|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100-299 | 2 | 3 | 2 | 3 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| 300 workers or more | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 4 | 5 | 4 | 9 | 7 | 6 | 2 | 3 | 4 | 2 | 7 | 7 | 4 | 6 | 5 | 4 | 2 | 2 | 3 | 4 | 7 | 5 |

Month of fatal accidents in golf course in 1999-2020

| Month | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| January | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| March | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| April | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| May | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 2 |
| June | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| July | 0 | 0 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 3 | 0 | 0 | 1 | 0 | 1 | 1 |
| August | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| September | 1 | 0 | 1 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| October | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| November | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| December | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 4 | 5 | 4 | 9 | 7 | 6 | 2 | 3 | 4 | 2 | 7 | 7 | 4 | 6 | 5 | 4 | 2 | 2 | 3 | 4 | 7 | 5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kagawa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ehime | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kochi | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fukuoka | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Saga | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nagasaki | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kumamoto | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oita | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miyazaki | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Kagoshima | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Okinawa | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 4 | 5 | 4 | 9 | 7 | 6 | 2 | 3 | 4 | 2 | 7 | 7 | 4 | 6 | 5 | 4 | 2 | 2 | 3 | 4 | 7 | 5 |

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

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